



July 26, 2024

Ms. Lisa Felice
Michigan Public Service Commission
7109 W. Saginaw Hwy.
Lansing, MI 48909

Via E-File

RE: MPSC Case No. U-21534

Dear Ms. Felice:

Attached please find the enclosed documents for filing:

- Direct Testimony and Exhibits of Dennis Stephens on behalf of Attorney General Dana Nessel, Michigan Environmental Council, and Natural Resources Defense Council (Exhibits MEC-10 through MEC-22); and
- Proof of Service.

Thank you for your assistance in this matter. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "TJA", followed by a horizontal line.

Tracy Jane Andrews

tjandrews@tropospherelegal.com

Digitally signed by Tracy Jane Andrews
DN: cn=Tracy Jane Andrews, o=Troposphere
Legal, PLC,
email=tjandrews@tropospherelegal.com, c=US
Date: 2024.07.26 16:18:49 -04'00'

CC: Parties to Case No. U-21534

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of **DTE
ELECTRIC COMPANY** for authority to
increase its rates, amend its rate schedules
and rules governing the distribution of
electric energy, and for miscellaneous
accounting authority.

U-21534

PUBLIC VERSION

DIRECT TESTIMONY OF DENNIS STEPHENS

ON BEHALF OF

**ATTORNEY GENERAL DANA NESSEL,
MICHIGAN ENVIRONMENTAL COUNCIL, AND
NATURAL RESOURCES DEFENSE COUNCIL**

July 26, 2024

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I. INTRODUCTION, QUALIFICATIONS, PREVIEW AND PERSPECTIVE

Q. Please state for the record your name, position, and business address.

A. My name is Dennis Stephens. I am an independent consultant specializing in electric and gas distribution operations, planning, technologies, asset management, and performance measurement. I frequently support the Wired Group in its work with clients. My business address is DS Consulting, 1153 Bergen Pkwy, Suite 130, Evergreen, CO 80439.

Q. On whose behalf is this testimony being offered?

A. I am testifying on behalf of the Michigan Attorney General (AG), Michigan Environmental Council (MEC), and Natural Resources Defense Council (NRDC), collectively referred to as "AG-MN".

Q. Please summarize your experience in the field of utility regulation.

A. After graduating from the University of Missouri with a bachelor's degree in Electrical Engineering, I began work for Xcel Energy (then Public Service Company of Colorado) in 1976 as an electrical engineer in distribution operations. In a series of electrical engineering and management roles of increasing responsibility, I gained experience in distribution planning, operations, and asset management, as well as the innovative use of technology to assist with these functions. Positions I've held over the years have included Director, Electric and Gas Operations for the City and County of Denver Colorado; Director, Asset Management; and Director, Innovation and Smart Grid Investments, for all of Xcel Energy.

In 2007, I was asked to lead parts of Xcel Energy's SmartGridCity™ demonstration project in Boulder, Colorado, the first of its kind at the time, covering 46,000 customers. I developed the technical foundations for the project, including the development of all

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1 concepts presented to the Xcel Energy Executive Committee for project approval, and
2 including the negotiations with technology vendors on their contributions to the project.
3 As Director of Utility Innovations for Xcel Energy, I also worked with many software
4 providers, including ABB, IBM, and Siemens, helping them develop their distribution
5 automation ideas into practical software applications of value to grid owner/operators. I
6 retired from Xcel Energy in 2011, and now work for the Wired Group on a part-time basis.

7 In the roles noted above, I was directly responsible for distribution grid reliability
8 and service restoration, and indirectly responsible for grid reliability and service restoration
9 in all of these roles. This is highly relevant in proceedings such as this one, in which grid
10 reliability and resilience are significant considerations. For a good portion of my career at
11 Public Service Company of Colorado, capital spending was constrained. My experience
12 maintaining strong distribution grid reliability and resilience performance in the face of
13 capital constraints is highly relevant to this testimony. My curricula vitae is attached as Ex
14 MEC-10.

15 **Q. Have you testified before this Commission or as an expert in any other proceeding?**

16 A. I filed testimony in DTE's most recent rate case.¹ I am also known to the Michigan Public
17 Service Commission (Commission) and Staff from other proceedings. Working with my
18 Wired Group associate Paul Alvarez, we helped the Association of Businesses Advocating
19 for Tariff Equity (ABATE) develop several sets of Commentary, which ABATE filed in
20 recent years. In U-20147, we helped ABATE develop Comments regarding (1) The
21 development of five-year distribution plans in Michigan generally (September 11 and

¹ Case No. U-21297, Direct Testimony of Dennis Stephens, 6 TR 3359 *et seq.*

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1 November 18, 2019); (2) Five-year distribution plans and storm performance (October 1,
2 2021); (3) Consumers Energy's Distribution Infrastructure Investment Plan (June 23,
3 2021); and (4) DTE Electric Company's Distribution Grid Plan (September 29, 2021). We
4 also helped ABATE develop Comments in U-21122, the August 2021 2021 storm
5 reliability performance and distribution planning docket (September 24, 2021). Mr.
6 Alvarez and I also gave a presentation on distribution planning and utility proposal cost-
7 effectiveness testing, to include risk-informed benefit-cost analysis and risk-informed
8 investment decision support, in a Staff-led workshop on distribution plan development held
9 August 14, 2019.

10 In addition, I have testified on behalf of consumer, business, and environmental
11 advocates in proceedings related to electric distribution utility planning, investment,
12 performance, and regulation before 10 other state utility regulators in the past 10 years,
13 including California, Georgia, Illinois, Indiana, Maryland, Massachusetts, North Carolina,
14 Oklahoma, Virginia, and Washington. A complete list of proceedings in which I've
15 submitted testimony to state utility regulators, with proceeding numbers and dates, can be
16 found at Exhibit MEC-10.

17 **Q. What is the purpose of your testimony?**

18 **A.** I am testifying on behalf of AG-MN regarding the distribution capital spending proposed
19 by DTE Electric Company ("DTE" or "Company") in the instant proceeding, described as
20 strategic capital programs in the Company's 2023 Distribution Grid Plan ("DGP").² Cost

² Ex A-23 Sch M8 (hereinafter "DTE 2023 DGP").

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recovery for many of these programs is proposed through the infrastructure recovery mechanism rider, or “IRM”, the Company proposes to extend and expand.

Q. Are you sponsoring any exhibits?

A. Yes, I am sponsoring the following exhibits:

Exhibit MEC-10:	Curricula Vitae of Dennis Stephens
Exhibit MEC-11:	Strategic Capital Disallowance Table
Exhibit MEC-12:	DS Equip Fail Analysis (from Case No. U-21297, Company Supplemental Response to MNSCDE-2.3 outages w Field Notes.xlsx)
Exhibit MEC-13:	Case No. U-21297 AGDE-4.103b + Attachment <i>U-21297 AGDDE-4.103b-01 PTMM and 4.8kV Hardening Metrics</i>
Exhibit MEC-14:	Company Responses to MNSCDE-3.8(c) and 8.9(c)
Exhibit MEC-15:	Company Responses to MNSCDE-3.15(c)(i), (ii), 3.23(d), 3.1(a), (b), (c), and excerpt from Attachment <i>U-21534 MNSCDE-3.1-01 Outages 2017-2023 (Dec. 2023 outages)</i>
Exhibit MEC-16:	Company responses to MNSCDE-3.26(a), (b) with Attachment <i>U-21534 MNSCDE-3.26-01 Subtransmission Interruptions</i>
Exhibit MEC-17:	Company Response to MNSCDE-1.8(a) + Attachment <i>NDA CEII U-21534 MNSCDE-1.8a DTEE GPM / GPM Results Tab / Col A to AB (“blue”)</i>
Exhibit MEC-18:	Company Responses to MNSCDE-5.4(a), (b), (c)
Exhibit MEC-19:	Company Response to MNSCDE-8.5(a) with Attachment <i>U-21534 MNSDCE-8.5a-01 Project Alternatives</i>
Exhibit MEC-20:	Attachment MNSCDE-8.5(c) (S1) -04 4.8kV CC <i>Almond Relief and Circuit Conversion (Midas)</i>

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Exhibit MEC-21: *U-21534 MNSCDE-8.5c(S1)-47 Substation Redesign & Rebuilt Tie 4105 Phase 1, U-21534 MNSCDE-8.5c(S1)-48 Substation Redesign & Rebuilt Tie 4105 Phase 3, U-21534 MNSCDE-8.5c(S1)-49 Substation Redesign & Rebuilt Tie 4105 Phase 3*

Exhibit MEC-22: Company Responses to MNSCDE-8.18(d)

Q. Please provide a preview of your testimony and recommendations.

A. This testimony examines multiple strategic capital programs described in the Company's 2023 DGP and associated requests for cost recovery. While I will examine the Company's strategic capital programs from technical and financial perspectives, my Wired Group colleague Mr. Paul Alvarez, also testifying on behalf of AG-MN, examines the Company's proposals and some of the models used to justify them, from policy and regulatory perspectives. Our two testimonies are best considered together as his testimony provides valuable context and perspective for my evaluations and recommendations.

My testimony is organized in the order presented in the table below, which also summarizes my recommendations for each item.

Spending Category	Summary of recommendations
4.8 kV Hardening Program	1. Switch program to DLPD wire removal only. 2. Reject \$73.3 million in excess 2024 spending. 3. Reduce test year spending to \$43.2 million (disallowing \$81.8 million) to accommodate switch to DPLD.
4.8kV Conversion Program (incl. Detroit and Pontiac)	1. Require DTE to provide support for its preferred pace of voltage conversions, including assessment of rate impact and value of benefits of Conversions to ratepayers.

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	2. Require DTE to support large Conversion projects (\$10 million or more) before proceeding with the project. 3. Reject Conversion spend in 2026 and 2027 IRM.
Pole and Pole Top Maintenance & Modernization Program	1. Require DTE to assess reliability difference between PTM and PTMM circuits using historical data to prevent conflating tree trim benefits and to calculate the value of reliability improvements relative to the costs of new pole top construction and inspection standards. 2. Reduce test year spending by \$57.6 million to maintain spending at level approved in U-21297 for 2024 (\$63.45 million). 3. Reject PTMM spend in 2026 and 2027 IRM.
Subtransmission Redesign & Rebuild Program	1. Reject approval for any new projects in this discretionary program until DTE presents an appropriate evaluation framework indicating value to customers in excess of project costs. 2. Require DTE to support large Substation R&R projects (\$10 million or more) before proceeding with the project. 3. For 3 projects DTE will place into service in 2024 and 2025, disallow \$28.14 million. 4. Reject Subtransmission redesign and rebuild spend in 2026 and 2027 IRM.
Distribution Automation Program	1. Require DTE to support future projects with circuit-specific benefit-cost analyses. 2. Reduce test year spending by \$101.2 million to maintain spend level approved in U-21297 for 2024 (\$24.5 million). 3. Reject Distribution Automation spend in 2026 and 2027 IRM.
Strategic and Service Drop OH-UG Pilots	1. Discontinue pilot (program). 2. Reject 2024 (\$15.6 million) and test year (\$16.02 million) spending
Breaker & URD Replacement	Reject proposed spend in 2026 and 2027 IRM.

1 **Q.** Please provide relevant context for your testimony.

2 **A.** It is no accident that all of the spending categories I have examined constitute distribution
3 capital spending that is discretionary. I define discretionary spending as “If the capital is

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1 not spent, can customers still have safe and reliable service?”³ If the answer is no, then the
2 spending is non-discretionary (mandatory). If the answer is yes, then the spending is
3 discretionary and a risk-informed benefit-cost analysis should be performed to quantify
4 whether the dollar value of the risk reduction to customers exceeds project costs to
5 customers.

6 An example illustrates the difference between mandatory and discretionary
7 spending. An overhead distribution line damaged by a storm must be repaired
8 immediately. Such spending is clearly mandatory, and no benefit-cost analysis is needed.
9 A decision to rebuild an entire distribution line on the basis of a subjective assessment of
10 the line’s condition is discretionary. Discretionary investments offer a great degree of
11 optionality as to whether to complete a project at all, and if so, when and how. These
12 decisions should be informed through a risk-informed benefit cost analysis (as described
13 by Mr. Alvarez).

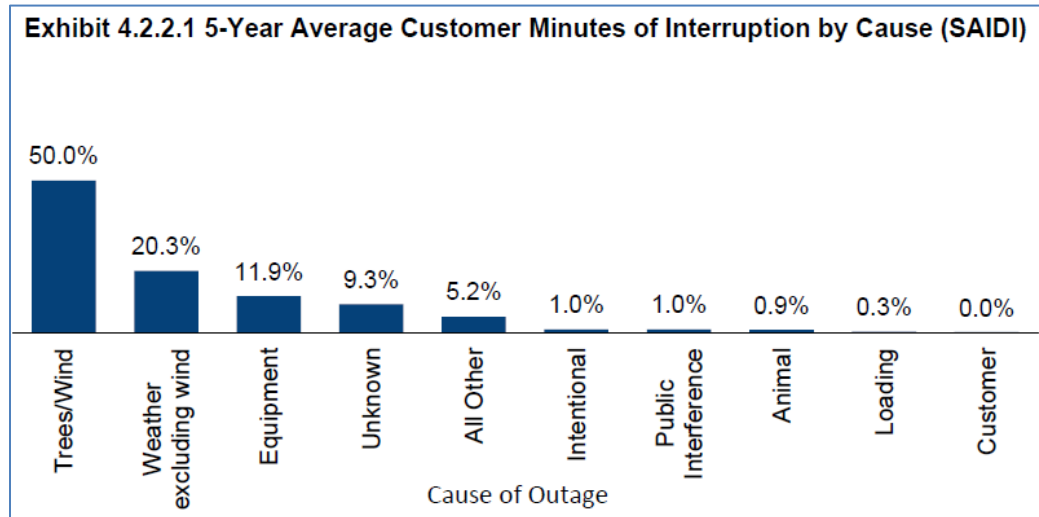
14 The Commission should consider this perspective because what DTE presents in
15 the instant application, and in its last rate case (U-21297), and in its 2023 Distribution Grid
16 Plan, appears to be that reliability improvements will be limited without massive increases
17 in capital spending. I wholeheartedly disagree with this apparent DTE perspective for at
18 least three reasons.

19 First, storm response and vegetation management – not equipment condition – have
20 driven the Company’s historically poor (relative to peers) reliability performance. The

³ Compliance with a recognized authority’s standard or specification, as strictly interpreted, can also constitute a required investment.

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Company's own data indicates that while vegetation contact, wind, and weather are responsible for 70.3% of system average service interruption duration (SAIDI), the percentage of SAIDI caused by cause "equipment" is just 11.9%:⁴



However, I note that even this percentage likely exaggerates the need to replace "aging" equipment. In my examination of field notes the Company recorded on a random sample of 100 service interruptions classified as "equipment" related, only 12% of service interruptions had field notes sufficient to determine root cause. Of these 12%, 67% could be traced to unprompted failures of equipment in service, while 33% were caused by vegetation contact or damage by third parties.⁵

Second, the reliability improvement estimates DTE calculates for many of its programs are dramatically exaggerated. As described in Mr. Alvarez's testimony, the

⁴ 2023 DGP, Ex A-23 Sch M8 Exhibit 4.2.2.1, p. 41 of 274.

⁵ Exhibit MEC-12, DS Equip Fail Analysis (from Case No. U-21297, Company Supplemental Response to MNSCDE-2.3 outages w Field Notes.xlsx).

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1 Company appropriately employs a “difference of differences” approach to quantifying
2 reliability improvements from various capital programs using “test” and “control” groups
3 of circuits. But the Company’s control group definition dramatically exaggerates
4 reliability improvements from capital programs by eliminating circuits that have had tree
5 trimming. This is directly opposite of the correct way to isolate the performance
6 improvements from tree trimming to the performance improvements of capital programs
7 that include tree trimming,⁶ as illustrated in the hypothetical table below.

(All figures in minutes)	Average SAIDI Before Program	Average SAIDI After Program	Difference, Pre- to Post-Program
Test Group: Tree- trimmed circuits with 4.8 kV hardening	100	60	40
Control Group: Tree- trimmed circuits without 4.8 hardening	100	63	37
Difference of differences (improvement from 4.8kV Hardening)			3

8 Third, DTE’s system-wide reliability performance has been completely
9 unresponsive to massive increases in the Company’s capital spending in recent years, as
10 shown in the chart presented in Mr. Alvarez’ testimony.⁷ DTE has presented zero historical
11 evidence that it’s capital spending has improved system-wide reliability in the past,

⁶ Capital programs that include full or extensive tree trimming include 4.8kV Hardening, PTMM, and 4.8kV Circuit Conversions.

⁷ See DTE SAIDI & Distribution Plant Additions (with Major Event Days vs. US IOUs).

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1 meaning that the Commission should be deeply skeptical of DTE's claims that capital
2 spending will improve reliability in the future.

3 **II. THE 4.8kV HARDENING PROGRAM**

4 **Q. Please summarize DTE's 4.8kV Hardening program.**

5 **A.** DTE's 4.8kV Hardening program is supported in part as a safety program, as it reduces the
6 frequency of wire-down events. It does this by removing overhead wire no longer used by
7 the Detroit Public Lighting Department ("DLPD") from the Company's utility poles.
8 When this unused wire, which is no longer being maintained, falls to the ground, it can
9 come into contact with energized DTE wires, inadvertently energizing the downed DLPD
10 wire – a dangerous condition to be sure. Once the DLPD wire has been removed, there is
11 obviously no risk that an energized DLPD wire can fall to the ground. Citing this safety
12 benefit, the Commission approved the 4.8kV Hardening program at a level requested by
13 DTE in its last rate case.⁸

14 **Q. Does the 4.8kV Hardening program eliminate the risk of energized wire down events?**

15 **A.** No, it does not. Coincidentally, DTE's 4.8kV circuits in Detroit were designed without a
16 neutral wire. The lack of a neutral wire can make it difficult for circuit breakers, reclosers,
17 fuses, and other protective devices to recognize the fault that occurs when an energized
18 DTE conductor falls to the ground. Failure to recognize a fault means protective devices
19 on these 4.8kV circuits are more likely to remain closed in the event of ground contact,
20 with the result that power continues to be delivered to a downed line. Thus, while the

⁸ Case No. U-21297, Dec. 1, 2023, Order, p. 93.

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1 removal of DPLD wire, which is no longer used and is thus less likely to be maintained,
2 eliminates the risk that an energized *DPLD* wire will fall to the ground, it does NOT
3 eliminate the risk that an energized *DTE* conductor will fall to the ground and not be
4 deenergized, given that the hardening program does not eliminate the fact that there is no
5 neutral wire on the 4.8kV system. In its requests for approval of large amounts of funding
6 for the 4.8kV Hardening program in prior cases, DTE may have created an exaggerated
7 impression of the safety benefits of the 4.8kV Hardening program. It does not appear that
8 DTE discouraged any exaggerated impression of safety benefit in the Technical
9 Conference workshop DTE hosted on March 22, 2023.⁹

10 **Q. Are there alternatives to the 4.8kV Hardening program that provide comparable**
11 **safety benefits?**

12 A. Yes. Removing the DPLD wire alone will provide almost all of the safety benefits of the
13 4.8kV Hardening program at greatly reduced cost, and with a greater deployment speed.¹⁰
14 The marginal added safety benefits of the 4.8kV Hardening program over the option to
15 simply remove the DPLD wire are due to two extra steps the 4.8kV Hardening program
16 takes over the “remove DPLD Only” option to reduce the risk that DTE conductor will fall
17 to the ground. These include 1) full tree trimming (vs. the “as needed” tree trimming
18 associated with the DPLD wire removal only option); and 2) replacement of all crossarms
19 (vs. the “as needed” crossarm replacement associated with the DPLD wire removal only

⁹ Ex A-23 Sch M12.

¹⁰ Ex A-23 Sch M12 (DTE Technical Conference presentation March 22, 2023)., slides 31 (“ARC Wire Removal Only”) and 32 (“4.8kV Hardening”).

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option).¹¹ But these additional steps are part of other initiatives. Full tree trimming will occur on the Company's newly-achieved five-year tree trimming cycle without 4.8kV Hardening.¹² Replacing crossarms where there is no documented "need" provides almost no incremental reduction in downed conductor risk, and replacing crossarms when defects are identified is part of the pole top maintenance program in any event. Moreover, the Company's new pole top construction standards, discussed below, further increase the cost of replacing crossarms under the 4.8kV Hardening program.

Q. How much less costly is the "remove DLPD wire only" option than the 4kV Hardening option?

A. In the Technical Conference DTE hosted in March of 2023, the Company indicated the cost of the DLPD removal option is \$175,000 to \$207,000 per mile, while the 4.8kV Hardening option costs \$333,000 to \$375,000 per mile.¹³ Using averages, the DLPD removal option is 46% less costly than the 4.8kV Hardening option on a per mile basis.

Q. Does the 4.8kV Hardening program provide reliability improvements that the removal of DPLD wire alone does not provide?

A. DTE claims that the reliability improvements of the 4.8kV Hardening program are approximately double the reliability improvements available from the removal of DPLD wire alone.¹⁴ Almost 100% of this difference is attributable to the full tree trimming that

¹¹*Id.*

¹² Direct Testimony of Rachel C. Steudle at RSC-15.

¹³ Ex A-23 Sch M12 slides 31 and 32; see also Elliot Andahazy Revised Direct at MEA-18 Table 2 (average cost per mile for Arc Wire Removal is \$191,000 and for 4.8kV Hardening is \$353,000).

¹⁴ Ex A-23 Sch M12 slides 31 and 32.

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occurs (and is inappropriately capitalized) through the 4.8kV Hardening program that does not occur under the DPLD wire removal only option. DTE is required to complete the tree trimming in any event, meaning that the reliability benefits from tree trimming should not be credited to the 4.8kV Hardening program. (It also means that tree trimming under the 4.8kV Hardening program should not be capitalized, as Mr. Alvarez recommends.) Almost none of the difference in reliability is reasonably attributable to replacing wood crossarms that do not indicate a need for replacement (as DTE's 4.8kV Hardening program does). Also, as indicated earlier, the errant control group definitions DTE used to determine the reliability improvements from strategic capital spending programs dramatically exaggerate DTE's reliability improvement claims and cannot be relied upon.

Q. Why would DTE recommend a 4.8kV Hardening program over the "DPLD wire removal only" option when the latter provides comparable safety improvement at almost half the cost and faster deployment speed?

A. It may be because the 4.8kV Hardening program grows DTE's rate base at almost twice the cost per mile as the DPLD wire removal only option. What is needed is a risk-informed benefit-cost analysis showing that the dollar value of the incremental reliability and safety benefits of the 4.8kV Hardening program over the DPLD wire removal only option exceeds the incremental cost of the 4.8kV Hardening program. DTE has not completed such an analysis.¹⁵ Mr. Alvarez explains the approach to risk-informed benefit-cost analyses the California PUC has ordered its utilities to complete for spending intended to deliver reliability and safety benefits. I recommend such an approach be used to complete a

¹⁵ See Company response to MNSCDE-8.2(c).

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benefit-cost analysis before the Commission determines that the 4.8kV Hardening program provides greater safety and reliability benefits per dollar than the option of removing the DPLD wire only.

Q. Are there other reasons why the Commission should order DTE to switch from the 4.8kV Hardening program to the “remove DPLD wire only” program?

A. There is at least one additional reason: most of the work completed under the 4.8kV Hardening program (other than full tree trimming, which must be completed irrespective of hardening) will be rendered redundant when a 4.8kV circuit that has been hardened is converted to a 13.2kV circuit. DTE cannot justify the installation of fiberglass crossarms with a service life likely in excess of 50 years on a circuit DTE aims to convert to 13.2kV in the next 15 years or so.¹⁶

Q. In addition to illustrating excess, unsupported discretionary capital spending, do you have other observations about the Hardening program?

A. Mr. Alvarez describes how the use of rider recovery (and forward test years) introduces moral hazard in capital budget development, encouraging utilities like DTE to propose more in a spending plan than a utility would risk spending under traditional ratemaking. DTE’s 4.8kV Hardening program is evidence of this phenomenon. Information asymmetry also adversely impacts challenges to utility spending proposals.

Q. What are your recommendations regarding DTE’s 4.8kV Hardening program?

¹⁶ 2023 DGP, Ex A-23 Sch M8, pp. 120-21 of 274.

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1 A. I recommend the Commission order the Company to eliminate the 4.8kV Hardening
2 program immediately in favor of the “remove DLPD wire only” option. I also recommend
3 the Commission reduce test year spending to the amount required to complete the same
4 number of miles of DLPD wire removal that it would have hardened with the \$80 million
5 requested for 2024. As DLPD wire removal costs 46% less than 4.8kV Hardening per
6 circuit mile, I recommend the Commission reduce the Company’s test year capital
7 spending for DLPD wire removal program to \$43.2 million to reflect shift from Hardening
8 to DLPD wire removal only.¹⁷ I further recommend the Commission disallow \$73.333
9 million from the bridge period (2024) as a result of DTE’s excess spending above what it
10 requested and above what the Commission approved in U-21297, and for the additional
11 reason that DTE has consistently failed to evaluate and support the efficacy of Hardening
12 – independent of tree trimming. Finally, I also recommend the Commission require DTE
13 to establish and present in its next rate case metrics, such as dollars per circuit mile of
14 DPLD wire removed, to budget and monitor DPLD wire removal costs.

15
16 **III. 4.8KV CIRCUIT CONVERSION PROGRAM**

17 **Q. Please summarize the Company’s 4.8kV Circuit Conversion Program.**

18 A. DTE has 16,720 miles of overhead 4.8kV and 8.3kV line miles (and 2,372 miles of
19 underground 4.8kV and 8.3kV lines), or 40% of total distribution miles.¹⁸ The Company

¹⁷ The Company proposed increasing Hardening from \$80 million it proposed for 2024 to \$125 million for the test year. My recommendation rejects that increase and reduces the \$80 million by 46% to reflect DPLD program cost savings as discussed above.

¹⁸ 2023 DGP, Ex A-23 Sch M8, Exhibit 9.3.1.2, p. 109 of 274.

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aspires to convert all circuits not already operating at 13.2kV to 13.2kV operations by about 2040, or within about 15 years.¹⁹ The Company estimates the cost to complete the conversion will be as much as \$25 billion in today's dollars,²⁰ or over \$11,000 for every one of DTE's 2.25 million customers.²¹

Q. Please summarize the Company's spending plan for 4.8kV circuit conversion.

A. DTE is proposing to substantially ramp up and increase conversion spending over the next 15 years. According to the 2023 DGP, DTE proposes to maintain spending in the bridge and test years at a relatively low level, then increase spending in the IRM years, then really increase spending for 2029 and beyond:²²

9.3.5 4.8kV Conversion Plan for 2024-2028

Exhibit 9.3.5.1 Projected 4.8kV Conversion Capital Investment

Project/Program (\$ millions)	2024	2025	2026	2027	2028	Total Investment 2024-2028
CODI	\$95	\$126	\$148	\$119	\$90	\$579
4.8kV Conversions	\$66	\$66	\$185	\$243	\$310	\$869
4.8kV ISO down Area Conversions	\$10	\$10	\$10	\$10	\$10	\$50

¹⁹ *Id.* at 120-21 (“the Company has developed an aspirational goal to convert all the lower voltage (4.8kV and 8.3kV) circuits and substations by 2040.”).

²⁰ *Id.* at 120.

²¹ This cost estimate may be low; the average cost per mile converted noted in the 2023 Technical Conference (\$2.7 million) multiplied by 16,720 miles is over \$45 billion. *See* Ex A-23 Sch M12 slide 34.

²² 2023 DGP, Ex A-23 Sch M8, Exhibit 9.3.4, p. 120 of 274.

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DTE identified the following spending plan for its 4.8kV conversion program in the instant proceeding:²³

	2022	2023	2024	2025	2026	2027
Rate Case	104.483	161.932	199,154	78.755		
IRM			1,608	185,812	190,000	240,000

In U-21297, the Commission reduced DTE's 2024 test year proposed spending (\$370.141 million) by the amount recommended by Staff (\$115.9 million), thus approving \$254.241 million in this program for the test year.²⁴ The Commission also approved in U-21297 DTE's proposed 2024 and 2025 IRM spending, subject to the IRM conditions.²⁵ The spending at issue in this proceeding is the \$78.8 million in the test year and the proposed 2026 and 2027 IRM expansions and increases.

Q. Do you have concerns about DTE's plans for 4.8kV conversions?

A. I do. Before proceeding to implement these conversions, DTE must answer key questions. Why convert all these circuits in 15 years? What will be the rate impacts of such a pace? What are the alternatives to circuit conversion? What are the risks of not converting all these circuits in 15 years? What are the consequences of those risks? What is the value to DTE customers for its planned investments? Given the cost and scale of the 4.8kV conversion effort, DTE must justify its preferred conversion timeframe. DTE must substantiate the program – including the pace of it. As DTE likely built these circuits over a 50-year period from 1900 to 1950, rebuilding all these circuits in 15 years is an

²³ Ex A-12 Sch B5.4 p. 16 line 115; Ex A-33 Sch X1 (IRM).

²⁴ Case No. U-21297, Dec. 1, 2023, Order, pp. 108-113

²⁵ Case No. U-21297, Dec. 1, 2023, Order, pp. 290-91.

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unreasonable aspiration. Moreover, DTE has not produced a benefit-cost analysis for planned conversions. DTE should pause its proposed ramp-up and demonstrate both that its planned pace of conversions – given the cost and value to ratepayers – is justifiable.

Q. What justifications does DTE provide for its goal of converting all circuits to 13.2kV in 15 years?

A. DTE’s 2023 DGP cites three primary reasons for converting 4.8kV circuits to 13.2kV:²⁶ 1) Safety, because the design the Company followed when building the circuits results in an increased risk that a downed wire will remain energized; 2) Reliability, because the Company claims that 4.8kV circuits are less reliable than 13.2kV circuits; and 3) Capacity, because 13.2kV circuits can carry three times the load of 4.8kV circuits (to accommodate electric vehicles, for example).

Q. Is reliability a reasonable justification for converting all the Company’s circuits to 13.2kV?

A. Reliability improvement is not a reasonable justification because data the Company provided in discovery in U-21297 shows the reliability of 13.2kV circuits (as measured by system average interruption duration without major event days) was worse during 2018-2022 (124 minutes) than the reliability of 4.8kV circuits over the same time period (97 minutes).²⁷ DTE would have to show on a project-level basis reliability benefits resulting from voltage conversion.

²⁶ 2023 DGP, Ex A-23 Sch M8, pp. 108-109 of 274.

²⁷ Using data provided by DTE in Case No. U-21297, U-21297 MNSCDE 2.2-01 Non-AC Network Circuits.xlsx.

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1 **Q. What is your perspective on the safety justification for converting 4.8kV circuits?**

2 A. As described in the section on DTE’s 4.8kV Hardening program, the design of the
3 Company’s 4.8kV circuits likely increases the risk that a downed conductor will remain
4 energized if it falls to the ground. However, this is a design condition that has existed on
5 the Company’s 4.8kV circuits since they were constructed, likely between 75 and 120 years
6 ago. This begs the question why all 4.8kV circuit conversions should be completed in the
7 next 15 years.

8 **Q. What is your perspective on the capacity justification for converting 4.8kV circuits?**

9 A. Regarding capacity, of the Company’s 1,945 4.8kV circuits, the peak loads on just 111
10 (5.7%) of these exceeded their day-to-day equipment ratings as of 2022.²⁸ Circuits with
11 peak loads above or near equipment ratings should be prioritized for conversion first.
12 There are reasons why peak loads may grow, namely, electric vehicles (“EV”). The
13 Company predicted that about 55% of customers will be served by overloaded substations
14 under its high EV adoption scenario.²⁹ However, DTE indicates capacity expansion may
15 drive 4.8kV conversions beyond 2029, but nearer-term conversions are prioritized based
16 on firm rating and overloads, as well as wire downs and risk ranking.³⁰ Moreover, DTE
17 recognizes that EV adoption will likely concentrate in geographic “clusters”
18 (neighborhoods) within a subsection of a circuit.³¹ DTE should sync its pace of converting
19 4.8kV circuits conversions with evidence related to increasing electrification, evaluated in

²⁸ *Ibid.*

²⁹ 2023 DGP, Ex A-23 Sch M8, pp. 25-26.

³⁰ *Id.* at pp. 119-21.

³¹ *Id.* at p. 25.

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1 the context of available and emergent opportunities to mitigate load impacts, but it has not
2 done so in this case nor the 2023 DGP. Its goal of converting all 4.8kV circuits to 13.2kV
3 in 15 years is not justified on the basis of growing capacity.

4 **Q. Has DTE provided any cost-benefit analysis supporting its conversions program?**

5 A. No. DTE produced a benefit-cost analysis for the PTMM and undergrounding program,
6 but not for the conversions program. DTE's Global Prioritization Model (GPM) prioritizes
7 conversion projects but does not evaluate their likelihood of risk, total costs, and projected
8 benefits and avoided costs, as discussed by Mr. Alvarez. It is also notable that DTE has
9 now undertaken and completed multiple conversion projects in the City of Detroit and
10 elsewhere.³² As a result, DTE should have ample data to demonstrate the benefits achieved
11 and total actual costs of conversion projects.

12 **Q. Do you have any concerns about DTE's request for approval of proposed conversion**
13 **projects?**

14 A. Yes, it lacks transparency. First, it is important to note the scale of voltage conversion
15 projects. Most are multi-million-dollar projects that span many years.³³ The Company
16 plans and receives corporate approval for conversion projects over \$10 million early in the
17 project planning, though regulatory approval for the project may not be received until the
18 project is in service. In U-21297, the ALJ noted that "almost all of the CODI [conversion]
19 projects have in-service dates beyond the test year" and that DTE's application, including

³² Ex A-12 Sch B5.4, p. 14 rows 28 to 36 to p. 15 row 56 (conversion projects in service 2023, 2024, or 2025).

³³ See Ex A-12 Sch B5.4 pp. 14-16.

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1 Exhibit A-23 Schedule M5, “fail to present the total cost for any of the projects scheduled
2 from 2025 to 2030.”³⁴ Similarly for non-CODI conversions, “the ALJ found that most of
3 these projects have in-service dates beyond the test year and the company is not seeking
4 any revenue related to them in the instant proceeding.”³⁵ DTE similarly acknowledged that
5 conversion projects “that will not be in service during the test year have no impact on the
6 revenue requirement.”³⁶ Even so, the Commission rejected the ALJ recommendation to not
7 include conversion project costs in rate base and instead found their post-test-year in-
8 service date is not a basis to preclude the work from being included in rate base.³⁷ This
9 begs the question: at what point must DTE support the reasonableness and prudence of
10 these costly, multi-year projects to obtain regulatory review and approval? The
11 Commission should provide clarity.

12 **Q. Can you provide an example of your concerns about approval transparency?**

13 A. Yes. Take 4.8kV CC: Almont Relief Circuit Conversion (Midas) as an example.³⁸ This
14 conversion project has an in-service year of 2025.³⁹ DTE anticipates spending \$1.0 million
15 in the test year. The “*estimated* project cost” was \$30,730,922, though DTE provided
16 “estimated” annual spending for only about \$11 million of this project.⁴⁰ DTE provided no

³⁴ Case No. U-21297, Dec. 1, 2023, Order, p. 109 (citing PFD, p. 285).

³⁵ *Id.* at 112 (citing PDF at 290).

³⁶ *Id.* at 110 (referring to DTE exceptions).

³⁷ *Id.* at 111, 113.

³⁸ Ex A-12 Sch B5.4, p. 15, line 41.

³⁹ *Id.*; see also Ex A-12 Sch B5.4, p. 23 line 102 (in-service assumption for Midas is December 2025).

⁴⁰ Ex A-23 Sch M6, p. 10.

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assessment of alternatives nor itemized costs for this project in its supporting exhibit.⁴¹

DTE did not identify the actual total capital spend on this project to date, nor an updated estimated of the total project cost. However, in discovery, DTE produced the Company's management approval for this project; because it is an individual project greater than \$10 million, it requires specific management approval.⁴² The approval shows the Company estimated the project to cost customers \$36.2 million over 15 years:⁴³



DTE Energy

Appropriation Request

Summary Sheet

Project Name:	Midas Subs - Below grade, Conduit Midas Subs - Above grade, OH, Cable	Capital Budget / Project #:	I-000404-0027 (MEP) I-000801-0001 (DO)
Utility/Non-Utility:	Utility	Project Type:	Distribution
Business Segment:	Electric Utility	Business unit within budget?:	Yes
Business Unit:	MEP / DO	Project Start Date:	Mar-2019
Project Sponsor:	Joi Harris / Sharon Pfeuffer	In-Service Date:	2022, 2023
		Post Investment Evaluation Date:	2025
Current Approval Request (\$Millions):	\$28.9		
Previous Request(s) (\$Millions):	\$1.4		
Total Project (\$Millions):	\$30.3		

Financial Summary (\$Millions)									
	2020 & Prior Years	2021	2022	2023	2024	2025	Beyond	Total	
Current Capital Approval Request	\$0.0	\$21.3	\$6.3	\$1.3	\$0.0	\$0.0	\$0.0	\$28.9	
Previous Request(s)	0.8	0.6	0.0	0.0	0.0	0.0	0.0	1.4	
Total Project Request	0.8	21.9	6.3	1.3	0.0	0.0	0.0	30.3	
Operating After-Tax Cash Flow	(679)	(17,017)	(10,235)	2,811	2,828	2,723	50,892	31,323	
Net Income	17	310	1,185	1,448	1,395	1,340	19,921	25,616	

Hurdle Rate	IRR	NPV	Payback(years)	First 5 Yrs Avg. Net Income	Customer cost (savings)*
6.1%	6.1%	\$264	15	\$ 871	\$36,182

Project Description and Approval

The purpose of this request is to obtain full appropriation for the Midas project.

MEP Project Scope:

- Design a new 120kV to 13.2kV Class RR substation (Midas) in Almont Township
- Construct all below grade elements of the new Midas substation
- Create Class R standards as part of the substation design
- Design and install all new system conduit to facilitate the OH circuit work starting outside of substation property

DO Project Scope:

Construct the above grade elements of the new Midas Class RR substation including testing and commissioning. Substation includes two (2) 15/20/25 120 - 13.2 kV transformers and four (4) line positions, Class RR. The future Midas substation will have provisions for expansion to a Class A substation with installation of a future (12) position PDC. Also included is the transfer and partial conversion of two (2) existing Almont 4.8 kV distribution circuits to four (4) future Midas circuits with both 13.2 and 4.8 kV service. After transfer of the Almont circuits to Midas, the existing Almont substation will be de-commissioned.

⁴¹ *Id.* at pp. 7-10.

⁴² Ex MEC-5, Company response to MNSCDE-8.5(c) (S1).

⁴³ Ex MEC-20, U-21534 MNSCDE-8.5c(S1)-04 4.8kV CC Almond Relief and Circuit Conversion (Midas).

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1 DTE management apparently assessed the prudence of this project in March 2021,
2 when the appropriation request was approved, and anticipated a “post investment
3 evaluation” in 2025.⁴⁴ Given the timeline, scale, and discretionary nature of conversion
4 projects, DTE should present robust support for conversion projects *at the outset*. That
5 would ensure regulatory review and approval (or disallowance, or recommendations to
6 scale back) of these discretionary conversions projects *before* the Company incurs
7 substantial costs. Moreover, DTE management apparently intends to evaluate this
8 investment through the rear-view mirror lens. There is no reason the regulator should not
9 also receive a post-investment evaluation of conversion projects, once completed.

10 **Q. What are your recommendations for the circuit conversion program?**

11 A. I recommend the Commission moderate post-test year conversions spending and require
12 DTE to provide further support for the program and in particular for its proposed rate of
13 conversions. Consistently, the Commission should reject the Company’s proposal to
14 extend conversion spending through the IRM in 2026 and 2027. To that end, the
15 Commission should direct DTE to solicit an independent expert to assess the appropriate
16 pace of conversions. To the extent DTE justifies the pace based on capacity increases,
17 DTE must provide independent analysis showing its EV adoption forecasts are likely; that
18 its assumptions about EV charging behavior (peak vs. off-peak) are accurate; and that
19 adoption forecasts and charging behaviors are associated to geographies, substations, and
20 circuits. DTE must demonstrate the rate impact associated with the pace of 4.8kV circuit
21 conversion, and that the impact is appropriate based on ratepayer interests and the value

⁴⁴ *Id.*

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1 received. I also recommend the Commission require DTE to establish and present in its
2 next rate case metrics, such as dollars per circuit mile converted, to budget and monitor
3 circuit conversion costs.

4 **Q. Do you have any recommendations related to proposed conversion projects?**

5 A. Yes. As discussed above, the Commission should clarify and improve the regulatory
6 review process for all large (\$10 million or more) voltage conversion projects. DTE should
7 provide robust, project-specific risk-informed cost-benefit analyses for these projects,
8 including a thorough review of alternatives, before substantial capital (\$1 million) is
9 invested beyond the conceptual and design phase.

10 **Q. Do you have any recommended disallowances related to circuit conversions?**

11 A. I am not recommending disallowance in this program area in the bridge and test years
12 because DTE's proposed test year spending is for conversions (\$78.8 million) and is
13 substantially lower than conversion spending in 2022, 2023, and 2024.⁴⁵ However, DTE
14 proposes that circuit conversions would comprise \$430 million of IRM spending in 2026
15 and 2027.⁴⁶ DTE's lack of justification for the scope of circuit conversion based on its
16 preferred pace of conversions undermines the prudence of the IRM proposal. The
17 Commission should reject DTE's proposal to include Conversions in the 2026 and 2027
18 IRM because the Company has supported conversions as a value proposition for ratepayers.

⁴⁵ Ex A-12 Sch B5.4, p. 16, line 15 (\$104.5 million in 2022; \$161.9 million in 2023; \$199.2 million in 2024).

⁴⁶ Foley Revised Direct at NRF-54; Ex A-33 Sch X1.

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1 Now that DTE has several conversion projects in service, it should have ample data to
2 demonstrate the full actual costs and benefits to ratepayers of voltage conversion projects.

3 **IV. POLE AND POLETOP MAINTENANCE AND MODERNIZATION**

4 **Q. Please summarize DTE's Pole and Pole Top Maintenance and Modernization**
5 **("PTMM") program.**

6 A. In recent years the Company has strengthened its pole inspection standards, resulting in the
7 Pole and Pole Top Maintenance and Modernization program. In the second half of 2019,
8 DTE changed its standards for pole construction. The new construction standard uses
9 fiberglass crossarms instead of wood crossarms, polymer cutouts instead of porcelain
10 cutouts, and polymer insulators instead of porcelain insulators,⁴⁷ along with a few other
11 changes.⁴⁸ The changes in the construction standards were significant, leading to a change
12 in the name of the program to add the "Modernization" moniker.

13 **Q. What is your assessment of the Company's decision to increase its pole inspection**
14 **standards?**

15 A. The increase in pole inspection standards appears reasonable, though the move to inspect
16 pole tops (once every five years) more frequently than poles (once every ten years) is not
17 as common as the Company seems to imply. In my experience, it is very common to
18 inspect pole tops at the same frequency as poles, as it reduces inspection costs (because
19 poles and pole tops can be inspected at the same time). While I do not oppose the five-
20 year inspection standard for pole tops, the Company should have undertaken a benefit-cost

⁴⁷ 2023 DGP, Ex A-23 Sch M8, p. 68 of 274.

⁴⁸ Ex A-23 Sch M9.

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1 analysis comparing the increased costs of more frequent inspections to the customer
2 benefits of more frequent inspections (the dollar value to customers of the expected
3 reduction in service interruption frequency) before making the change.

4 **Q. What are the practical implications of new construction standard adoption?**

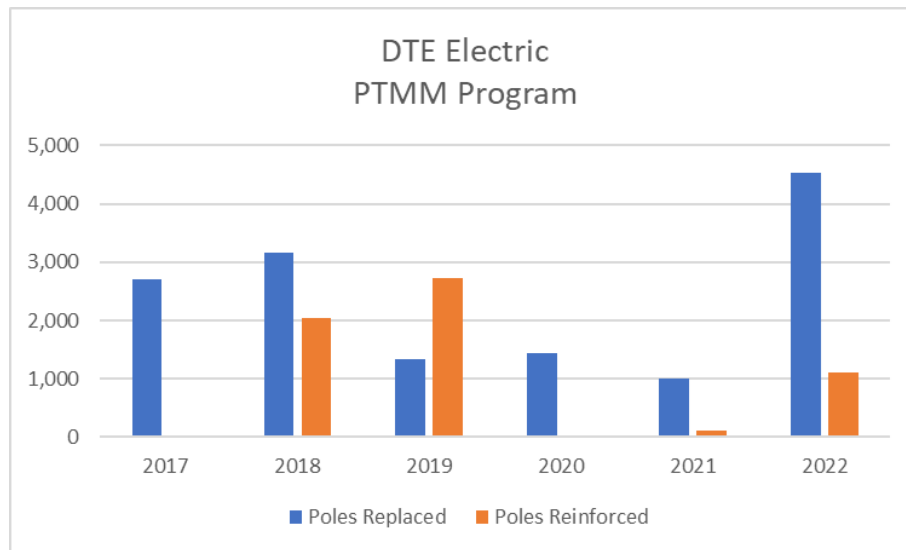
5 A. New standards are applied to all new construction. This includes not just the construction
6 of a brand new circuit, but to any work completed on existing circuits. For example, the
7 Company's new standard for fiberglass crossarms rather than wood crossarms means that
8 if a pole is replaced, the wood crossarm that may have been in place previously cannot be
9 re-installed; it must be replaced with a fiberglass crossarm, even if the wood crossarm
10 previously installed is in good condition. Similarly, if a crossarm is being replaced, the
11 porcelain insulators on the crossarm cannot be reinstalled; the porcelain insulators on the
12 crossarm must be replaced with polymer insulators even if the porcelain insulators are in
13 good condition. If there is a porcelain cutout installed on the crossarm, it too must be
14 replaced with a polymer version even if the porcelain cutout is in good condition.

15 **Q. Does new standard adoption increase costs?**

16 A. New construction standards can substantially increase costs, and this is why changes in
17 standards are a significant event at most utilities. In my experience changes to construction
18 standards have historically been preceded by workshops attended by personnel from
19 multiple operating regions and departments. Multiple review rounds of edits to the existing
20 standard are completed as the new standard takes shape. Analyses are completed that
21 estimate the incremental benefits (in dollars) and incremental costs of the change to ensure
22 the change is cost-effective. All this is presented to management for formal review and
23 approval.

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Changes to pole standards can be particularly costly decisions, as most utilities have so many poles. DTE estimates it operates and maintains 905,000 poles.⁴⁹ As identified by MNSC Witness Mr. Ozar in U-21297, the rate of pole reinforcements has fallen and the rate of pole replacements (more costly than pole reinforcement) have increased since the introduction of the increased inspection standards:⁵⁰



Of course, the new pole inspection and construction standards impact more than just the PTMM program, and indeed the rate of pole replacement has increased across DTE's system in recent years, as indicated by the chart below.⁵¹ In addition, the new

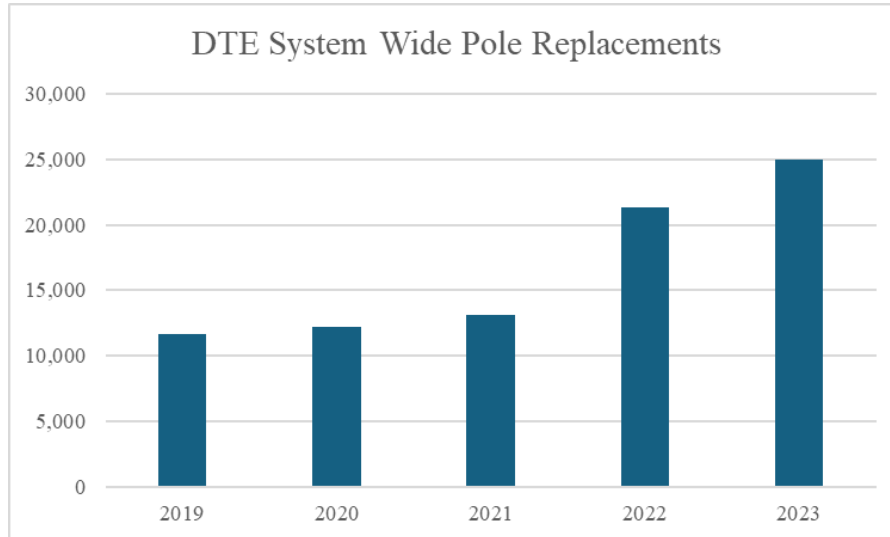
⁴⁹ See Company response to MNSCDE 3.16(i) ("The BCA model has 904,986 total poles but does not differentiate between wood and non-wood poles. Approximately 93% of the Company's poles are wood.").

⁵⁰ Ex MEC-MEC-13, Case No. U-21297 AGDE-4.103b Narrative + Attachment *U-21297 AGDE-4.103b-01 PTMM and 4.8kV Hardening Metrics 2017-2022*.

⁵¹ See Company response to MNSCDE 3.16(j), p. 2 ("Total quantity of poles replaced within Distribution Operations (including strategic projects): 2019: 11,665 / 2020: 12,202 / 2021: 13,097 / 2022: 21,321 / 2023: 24,996").

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1 construction standard likely increased the cost per pole replaced, creating a multiplier effect
2 on capital spending related to poles.



3
4 **Q. Did DTE management review and approve a well-supported change to the pole**
5 **construction standard, with such support including analyses estimating the benefits**
6 **and costs of the new standard?**

7 A. It does not appear so. The Company failed to provide documentation of such a review or
8 approval despite repeated requests.⁵² However, the Company hired an external consultant
9 to complete a cost-benefit analysis after the fact, while DTE was preparing its instant
10 application.⁵³

11 **Q. Is the timing of the Company's analysis a concern?**

12 A. It is. DTE solicited a consultant after it decided to increase the pole construction standard,
13 and after hundreds of millions of dollars had already been spent. In my experience, the

⁵² Ex MEC-14, Company responses to MNSCDE 3.8(c) + 8.9(c).

⁵³ Ex A-23 Sch M13, "1898 & Co. Benefit-to-Cost Analysis Modeling whitepaper" (March 6, 2024).

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1 purpose of completing benefit-cost analyses on spending proposals is to make better
2 decisions regarding those proposals *before* costs are incurred. In this case, a benefit-cost
3 analysis on the PTMM program was completed after the fact in an apparent attempt to
4 retroactively justify the change in standards which DTE had already made.⁵⁴

5 **Q. Did you evaluate the PTMM benefit-cost analysis completed by the consultant?**

6 A. Yes, and my concerns about its veracity are substantial. For example, the Company
7 cannot provide the historical failure rates for crossarms, porcelain cutouts, and porcelain
8 insulators, nor can it identify service interruptions, customer counts, or average durations
9 associated with failures from these equipment types.⁵⁵ Clearly, when projecting
10 improvements relative to existing construction standards, an understanding of the baseline
11 service interruption risk is critical to have. Not only does the consultant's PTMM benefit
12 cost analysis fail to employ these values, DTE does not maintain the data required to
13 produce these values.

14 As another example, the PTMM benefit cost analysis overestimates the benefits
15 from avoided costs by assuming that every truck roll avoided (for example, to respond to
16 a pole top equipment failure or a related service interruption) reduces DTE's costs by
17 \$2,000.⁵⁶ This appears to be a fully-loaded cost, typically estimated by dividing annual

⁵⁴ See Company response to MNSCDE 3.8(a) ("The Company collaborated with an independent consulting firm to create a BCA based on methodology utilized by other utilities in many states (such as IN, OH, IL, MD, FL, and OK) to justify distribution investments."). Notably, the programs the firm justified through its analyses in other states had nothing to do with PTMM, and that the "methodology" referenced is generic in nature.

⁵⁵ Ex MEC-15, Company responses to MNSCDE 3.15 (c)(i), (ii), 3.23(d); 3.1(a), (b), (c), and excerpt from *Attachment U-21534 MNSCDE-3.1-01 Outages 2017-2023 (Dec. 2023 outages)*.

⁵⁶ Ex A-23 Sch M13, 1898 & Co. Benefit-to-Cost Analysis Modeling whitepaper, p. 16.

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1 field crew costs, related service center costs (such as the cost of supervisors), vehicle costs,
2 and all allocated corporate general and administrative costs (such as from human resources,
3 accounting, and regulatory services departments) by a count of truck rolls completed in a
4 year. Many if not most of these costs are fixed. What is needed for this estimate is the
5 marginal cost avoided by a truck roll, which is typically gasoline (for the truck) and perhaps
6 some overtime costs. There is no chance whatsoever that the average marginal cost
7 avoided by a truck roll is anything remotely close to \$2,000.

8 In summary, between the lack of a sound baseline and exaggerated avoided cost
9 estimates, the benefits the model estimates appear to be exaggerated. But the PTMM BCA
10 also understates customer costs. The costs in the model represent the present value of the
11 costs the Company must pay. It does not include the costs customers must pay on top of
12 DTE capital costs, including DTE's interest expense, a rate of return for shareholders,
13 property taxes DTE must pay to local governments, or state and federal income taxes on
14 the profits DTE earns on PTMM capital spending. Between overstated benefits and
15 understated costs, the Company's representation that the upgraded poletop construction
16 standards, or the PTMM program based on those standards, deliver benefits in excess of
17 costs rests on a weak foundation.

18 **Q. What benefit to cost ratio does the PTMM benefit cost analysis indicate?**

19 A. The report never really says. Instead, the report states that of 2,242 circuits modeled,
20 benefits exceeded costs on 95% of these.⁵⁷ However, DTE maintains 3,273 distribution

⁵⁷ *Id* at 21 ("Figure 5-1 shows a histogram of the benefit-to-cost ratio for the 2,242 circuits modeled. These results

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circuits, and the Company's confidential workpaper indicates 2,242 circuits is only about 60% of the Company's total circuits.⁵⁸ The report does not indicate what criteria the consultant applied to select a subset of the Company's circuits for its stated conclusion, or why they selected only a portion of circuits to summarize in its whitepaper.

Q. Given these concerns about the new poletop inspection and construction standards, and the PTMM benefit cost analysis, what is your recommendation for PTMM in the Company's instant application?

A. As a result of the upgraded construction standards described, there is a significant jump in costs from the poletop maintenance (PTM) program to the poletop maintenance and modernization (PTMM) program. However, DTE has not supported the reliability impact of PTM vs. PTMM, nor compared that impact to the cost difference between PTM and PTMM. Given that the Company has completed both PTM and PTMM on many different circuits in recent years, an opportunity to complete this critical analysis exists. I recommend the Commission order DTE to present an assessment of the reliability difference between PTM circuits and PTMM circuits using historical data in a way that prevents the comingling of tree trimming benefits, and to calculate the monetary value of the reliability improvements relative to the incremental costs of the new pole top construction and inspection standards. This information is necessary for DTE to support its proposed increasing level of capital spending in the PTMM program.

indicate a compelling business case for the PTMM program, where 95% (2,124 out of 2,242) of the analyzed circuits have a benefit-to-cost ratio of no less than 1.”).

⁵⁸ 2023 DGP, Ex A-23 Sch M8, p. 10 of 274; see NDA U-21534 MNSCDE-3.10b-01 PTMM BCA Model, tab “Master Circuit Table”, indicating [[REDACTED]] circuits.

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1 Regarding test year spending, DTE has not supported the request to increase
2 spending in the PTMM beyond what was approved in U-21297, which was \$63.45
3 million.⁵⁹ The Commission should cap test year spending accordingly. This will ensure
4 customers will not be deprived of benefits in the event the new construction standards
5 prove to be cost-effective.

6 Furthermore, DTE proposes \$350 million in PTMM spending for the 2026 and
7 2027 IRM.⁶⁰ Given the limitations in the PTMM model, and the Company's failure to
8 measure the value and impact of the new poletop construction standards and the PTMM
9 program on which it is based, the Commission should reject DTE's request for PTMM
10 spending in 2026 and 2027 through the IRM.

11 **V. SUBTRANSMISSION REDESIGN AND REBUILD PROGRAM**

12 **Q. Please summarize DTE's Subtransmission Redesign and Rebuild program.**

13 A. The Subtransmission Redesign and Rebuild program ("Subtransmission R&R program")
14 is designed to improve the resilience of DTE's subtransmission grid to storms, as well as
15 the redundancy of the subtransmission grid in the rare event that equipment outages, which
16 are different from customer service interruptions, occur. In addition, the Subtransmission
17 R&R program appears to be designed to increase grid capacity. It appears that the
18 Company, when rebuilding subtransmission lines, employs larger conductor than what was
19 in place previously. For subtransmission circuits that include underground segments, this

⁵⁹ Case No. U-21297, Dec. 1, 2023, Order, p. 96.

⁶⁰ Ex A-33 Sch X1.

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1 means that the underground segments are most likely also upgraded with higher capacity
2 underground cable.

3 **Q. How are equipment outages different from service outages?**

4 A. Subtransmission reliability is measured through equipment outages rather than through
5 standard distribution grid reliability metrics (such as system average interruption duration
6 and frequency). This is because the redundancy built-in to subtransmission design is so
7 significant, and customer service interruptions so rare, as to make service interruptions
8 unhelpful in evaluating subtransmission grid reliability. In fact, of 5,239 equipment
9 outages DTE reported on its subtransmission system from 2019 through 2023, only 26%
10 resulted in an interruption in service to customers.⁶¹ Customer service interruptions from
11 the subtransmission system constituted just 3.9% of all customer minutes of interruption
12 experienced by DTE customers from 2019-2023.⁶² Given that subtransmission service
13 interruptions are such a small proportion of DTE's total service interruptions, addressing
14 them with a large-sized Subtransmission R&R program is not effective. Further, customers
15 are already paying for redundant design specifically to reduce the consequences of
16 equipment failure. Projects should be evaluated carefully and individually, with the
17 greatest scrutiny applied to the largest projects, and in a way which reflects the risk
18 reductions already made available through redundant design.

19 **Q. Are Subtransmission R&R projects costly?**

⁶¹ Ex MEC-16, Company responses to MNSCDE-3.26(a), (b) and Attachment *U-21534 MNSCDE-3.26-01 Subtransmission Interruptions*.

⁶² Total customer minutes of interruption 2019-2023 8,657,536,089 (from Ex 15, *U-21534 MNSCDE-3.1-01 Outages 2017-2023*); total customer minutes of interruption on the subtransmission grid 2019-2023 336,159,815 (from Ex 16, *U-21534 MNSCDE-3.26-01 Subtransmission Interruptions*).

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1 A. Yes, Subtransmission R&R projects can be extremely costly. DTE's Global (project)
2 Prioritization Model ranks 49 Subtransmission R&R projects in its top 138 priority
3 projects. [[REDACTED]
4 [REDACTED]
5 [REDACTED]]⁶³ Similar to Conversions projects discussed earlier, these are the Company
6 provides slender evidence outlining the full timing, cost, and value of these projects, which
7 typically extend over multiple years.⁶⁴ It is difficult to determine the full actual cost to
8 ratepayers resulting from these projects, and even more so to ascertain their quantifiable
9 benefits (or value) to ratepayers.

10 **Q. Does the Subtransmission Redesign and Rebuild program improve resilience?**

11 A. Only indirectly. When rebuilding circuits, DTE chooses larger conductor, and replaces
12 wood poles with steel poles. Larger conductor and steel poles are less susceptible to storm
13 damage than smaller conductor and wood poles. However, wind and ice comprised just
14 1.3% of subtransmission equipment outages from 2019 to 2023.⁶⁵

15 **Q. How does the Subtransmission R&R program improve redundance and increase**
16 **capacity?**

17 A. As indicated above, the subtransmission grid is designed with built-in redundancy. This is
18 known as "n-1" design, and means that the subtransmission grid will continue to carry

⁶³ Ex MEC-17, Company Response to MNSCDE-1.8(a) + Attachment NDA CEII U-21534 MNSCDE-1.8a DTEE GPM / GPM Results Tab / Col A to AB ("blue").

⁶⁴ See Ex A-23 Sch M6 pp. 192-315; Ex A-12 Sch B5.4, p. 14 lines 5-25 (projects in service through 2025), p. 15 lines 66 to 75 (projects in service beyond 2025).

⁶⁵ Ex MEC-16, U-21534 MNSCDE-3.26-01 Subtransmission Interruptions.

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1 power to distribution substations over back-up supply routes in the event of an equipment
2 outage on the day-to-day supply routes. While not all distribution substations have a back-
3 up source of subtransmission supply, in my experience the vast majority typically do.⁶⁶ Of
4 those distributions that do have a back-up source of supply, the back-up capacity is not
5 always adequate for all hours of the year. For example, while back-up capacity may be
6 adequate for 97% of the hours in a year (as an example), there may be some hours of the
7 year when the back-up capacity is inadequate. Should an equipment outage occur during
8 the 3% of the hours of the year⁶⁷ when back-up capacity is not adequate – usually, summer
9 weekday afternoons – a service interruption can occur despite the redundant design
10 available from back-up supply routes.

11 What this means is that violations of a redundancy design standard are not absolute
12 (yes or no), but are represented by a range of likelihoods. The Company estimates that
13 one-third of its subtransmission circuits violate capacity planning criteria.⁶⁸ The
14 Subtransmission R&R program aims to improve redundance and reduce planning criteria
15 violations through projects to increase subtransmission circuit capacity.

16 **Q. What is the implication of the assertion that one-third of DTE subtransmission**
17 **circuits violate capacity planning criteria?**

⁶⁶ DTE did not provide a list for evaluation in discovery, citing critical energy infrastructure information. See Company response to MNSCDE-5.2(b)(i) (“The list of substations on radial lines would provide a clear map of the Company’s system which would negatively affect national security, economic security, public health or safety, or any combination of such matters.”).

⁶⁷ Three percent is used as an example because peak loading conditions typically occur between 3 and 7 pm (4 hours) on 65 summer weekday afternoons (from June 1 to August 30). Three percent of 8,760 hours in a year is 260 hours, or 65 summer weekday afternoons multiplied by 4 hours each.

⁶⁸ Direct Testimony of Satvir S. Deol at SSD-51:7.

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1 A. While not ideal, like the problem with the design of the Company’s 4.8kV circuits with
2 respect to the risk of a downed wire remaining energized, DTE’s subtransmission system
3 has likely been in its current condition (with a significant proportion of its circuits in
4 violation of planning criteria) for several decades. The question is, on which
5 subtransmission circuits are the risks the greatest, and how quickly should they be
6 addressed? When measuring the size of the risks, DTE must support its analysis and
7 conclusions using risk-informed benefit-cost analyses. As described in Mr. Alvarez’s
8 testimony, risk-informed benefit-cost analyses monetized the risk reduction available from
9 a specific project in dollars. Once the risk reduction available from a project has been
10 monetized in dollars, the risk reduction value can be compared to project costs to aid
11 decision-making.

12 **Q. Does DTE complete risk-informed benefit-cost analyses on proposed**
13 **Subtransmission R&R projects?**

14 A. No. DTE does not complete any type of benefit-cost analysis on proposed Subtransmission
15 R&R projects, let alone analyses that monetize risk reduction value in dollars.⁶⁹ Nor does
16 DTE complete benefit-cost analyses on alternatives available to proposed projects, thereby
17 permitting comparisons as to the “bang for the buck” available from each alternative. In
18 fact, the Company does not always identify alternatives to subtransmission projects
19 proposed.⁷⁰ Particularly given the large size of many Subtransmission R&R projects, these
20 failures are unacceptable.

⁶⁹ Ex MEC-18, Company response to MNSCDE 5.4 (a),(b), (c); see also Ex A-13 Sch M6.

⁷⁰ Ex MEC-19, U-21534 MNSCDE-8.5a-01 Project Alternatives.

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1 **Q. What do you recommend for the Company's Subtransmission R&R projects and**
2 **program?**

3 A. With no type of benefit-cost analyses completed on Subtransmission R&R projects
4 indicating that the value of risk reductions exceeds the costs of the projects to customers,
5 these projects are unsupported. Absent the Company providing a comprehensive and
6 unbiased risk-informed benefit-cost analysis indicating that Subtransmission R&R projects
7 are cost effective, DTE has not demonstrated these projects are reasonable and prudent
8 investments. I recommend the Commission disallow cost recovery on all such projects the
9 Commission has not already approved. In 2024 and 2025, DTE projects bringing three
10 such projects online, and adds them to rate base in the instant application. The three
11 projects – Tie 4105 Phase 3, Tie 4105 Phase 4, and Trunk 3509 – total \$28.15 million, and
12 I recommend the Commission remove these projects from 2024 and 2025 test year revenue
13 requirement calculations.

14 Furthermore, DTE proposes to spend \$120 million on the Subtransmission R&R
15 program in IRM program years 2026 and 2027.⁷¹ Given the lack of support the Company
16 provides for Substation R&R projects, the Commission should deny the Company's
17 request to include this program in the 2026 and 2027 IRM.

18 Finally, going forward, the Commission should improve the regulatory review
19 process for all large (\$10 million or more) Subtransmission R&R projects. DTE should
20 provide robust, project-specific risk-informed cost-benefit analyses for these projects,
21 including a thorough review of alternatives, *before* substantial capital (\$1 million) is

⁷¹ Ex A-33 Sch X1.

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1 invested beyond the conceptual and design phase. Absent a robust demonstration that the
2 project provides positive value to ratepayers, the Company has failed to carry its regulatory
3 burden.

4 **VI. DISTRIBUTION AUTOMATION PROGRAM**

5 **Q. Please describe DTE's Distribution Automation program.**

6 A. DTE's Distribution Automation program is designed primarily to improve reliability.
7 DTE's grid consists of many tie lines between circuits which can be reconfigured to re-
8 route power in the event of a fault. Grid reconfiguration using switches and ties can restore
9 power to some customers while the fault is being repaired (through customers in the
10 immediate vicinity of the fault must wait until the repairs are complete). Typically, crews
11 are sent to throw switches to complete the reconfiguration. Distribution Automation
12 employs sophisticated switches which automatically reconfigure the grid, avoiding time
13 spent by dispatchers (trying to figure out the best reconfiguration) and crew travel time (to
14 throw the switches). Distribution Automation can therefore reduce the duration of service
15 interruptions for some customers initially impacted by a fault. The sophistication of the
16 switches adds some value too; remote communication and control are standard, and the
17 switches incorporate line sensors for monitoring grid status with precision (voltage,
18 current, frequency, phase balance, etc.).

19 **Q. What are the drawbacks of Distribution Automation?**

20 A. Automated switches may operate incorrectly, requiring crews to drive from switch to
21 switch anyway. In storm situations, where damage is widespread, intact circuits from
22 which to reroute power may not be available, negating Distribution Automation value.

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1 The switches are costly, and the law of diminishing returns applies; in my experience, one
2 tie line/switch per circuit is typically optimum, but I have observed investor-owned utilities
3 install automatic switches beyond the point of diminishing return.

4 Distribution Automation is most often cost-effective when tie lines between circuits
5 have already been built. While the automated switches are costly to install, the construction
6 of new tie lines is orders of magnitude more costly than switch installation. Care should
7 be taken to ensure tie lines are not being built where the benefits fail to outweigh the costs.
8 The benefits of Distribution Automation relative to costs can also be impacted by circuit
9 customer counts and customer mix (commercial vs. residential). Finally, Distribution
10 Automation is a solution that addresses a symptom (service interruptions), not root causes
11 (such as vegetation contact). The bottom line is that Distribution Automation is not a cure-
12 all and is only appropriate for some circuits.

13 **Q. Did you review DTE's Automation Prioritization tool?**

14 A. Yes, the tool is a step in the right direction. But, as with the Company's Global
15 Prioritization Model ("GPM"), the Automation Prioritization tool is not designed to
16 quantify benefits in dollars, enabling a comparison to costs. Like the GPM, the Automation
17 Prioritization tool appears to rank circuits by benefit score per dollar rather than benefit
18 dollars relative to costs. Further, due to the tool's Critical Energy Infrastructure
19 Information ("CEII") status, it was provided in online view only, precluding an
20 understanding of the weights assigned to various tool inputs in calculating a score.⁷² Again,
21 a risk-informed, dollar-denominated benefit-cost analysis is what is needed.

⁷² NDA CEII U-21534 MNSCDE-12.13-01 Automation Prioritization Analysis (credentialed online access only; not available for editing, printing, or downloading).

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1 **Q. Does Distribution Automation also offer safety benefits?**

2 A. Not typically. But I understand that DTE is proposing to employ automated switches to
3 address the energized wire down situation caused by the design of its 4.8kV circuits. As
4 discussed earlier, the “no neutral wire” design of DTE’s 4.8kV circuits increases the risk
5 that a downed wire will remain energized. The more sophisticated capabilities of the
6 automated switches could be employed to reduce this risk. However, DTE provides no
7 measurable safety basis to support the reasonableness and prudence of hundred-million-
8 dollar annual spending requests for Distribution Automation, absent a comprehensive
9 analysis and related cost justification.

10 **Q. Why not?**

11 A. For three reasons. First, as identified earlier, the energized wire down risk on DTE’s 4.8kV
12 circuits has existed for the last 75-120 years, since the circuits were constructed. As
13 automated switches have been commercially available for more than a decade, DTE’s
14 sudden sense of urgency is unconvincing and warrants scrutiny. Second, the Company is
15 already pursuing multiple costly programs to reduce the likelihood that any wires will fall,
16 let alone energized wires. These programs include the program to remove DPLD wire, the
17 pole-top management program, and the enhanced tree trimming program. Third, the costly
18 automated switches are voltage specific. A 4.8kV switch cannot be used on a 13.2kV
19 circuit. As the automated switches have a design life of 20-25 years or more, installation
20 on 4.8kV circuits the Company aspires to move to 13.2kV in the next 15 years will render
21 money spent on automated 4.8kV switches largely wasted.

22 **Q. What are your recommendations regarding Distribution Automation?**

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1 A. First, the Commission should require the Company to develop a benefit-cost model to
2 govern Distribution Automation deployment on a circuit-specific basis. Such a model
3 should use circuit characteristics and service interruption history to estimate Distribution
4 Automation benefits, in dollars, on a circuit-specific basis. As I indicated above, asserting
5 safety benefits, without supporting analysis, is insufficient basis for this program. Safety
6 risk reduction value estimates should be based on historical data, circuit-specific if
7 available, on counts of wires down; the ratio of instances in which downed wires were
8 energized; the ratio of safety incidents occurring from energized wire down events; and an
9 estimate of the consequences (in dollars) per safety incident. The Distribution Automation
10 circuit model should also reflect all costs, including the cost to construct tie-lines between
11 circuits for any specific circuit deployment plan. The need to construct a tie-line is likely
12 to render almost any circuit-specific Distribution Automation deployment plan cost-
13 ineffective.

14 Second, until a circuit-specific Distribution Automation model can be developed, I
15 recommend the Commission limit the Distribution Automation deployment budget to the
16 annual amount the Commission approved in U-21297 (\$27.167 million less a 10%
17 reduction recommended by Staff).⁷³ This amount is sufficient to deploy Distribution
18 Automation in cost-effective instances while reducing the likelihood it will be deployed
19 cost-ineffectively.

⁷³ Case No. U-21297, Dec. 1, 2023, Order, p. 122-23; Case No. U-21297, Ex A-12 Sch B5.4 p. 12 lines 9, 10.

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1 Finally, the Company proposes Distribution Automation for \$285 million in IRM
2 cost recovery in 2026 and 2027.⁷⁴ Given the significant variation in cost-effectiveness by
3 circuit and other limitations, and absent a robust demonstration to the contrary, the
4 Commission should reject the Company's request to include Distribution Automation
5 spending in the proposed extended and expanded rider IRM.

6 **VII. STRATEGIC AND SERVICE OVERHEAD TO UNDERGROUND PILOT**

7 **Q. Please summarize DTE's Strategic and Service Overhead to Underground Pilot.**⁷⁵

8 A. The program replaces overhead lines, and the overhead service drops that lead from these
9 lines to customer premises/meters, with underground lines and services. The program is
10 targeted to overhead lines in "backlot" locations, in which DTE crews must cross into
11 customers' yards, without the help of bucket trucks, to maintain overhead lines.

12 **Q. Would replacing overhead lines in customer backyards with underground lines offer**
13 **reliability and safety benefits?**

14 A. To some degree. But underground lines are subject to reliability risk from flooding and
15 careless excavation, and subject to safety risk from both excavation and contact voltage.
16 In short, undergrounding is not the panacea many perceive it to be. But most critically,
17 undergrounding overhead lines and service drops is prohibitively expensive. The extreme
18 costs of undergrounding must be considered in any discussion of the benefits. The
19 Appoline pilot cost \$14,672.13 per customer, while the Buffalo-Charles pilot cost

⁷⁴ Ex A-33 Sch X1.

⁷⁵ DTE's use of the phrase "pilot" appears to be a misnomer. The Company has already completed two such pilots, and both indicated that benefits did not exceed Company costs, let alone the costs customers will have to pay.

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1 \$37,908.50 per customer.⁷⁶ These costs per customer are typical in our experience, and
2 the results of DTE's benefit-cost analysis (\$0.58:\$1 for the Appoline pilot and \$0.37:\$1 for
3 Buffalo-Charles pilot) are in line with published research on the topic.⁷⁷

4 **Q. Do you recommend the Commission eliminate this program?**

5 A. Yes. The undergrounding of overhead lines is cost-ineffective, and additional pilots are
6 unlikely to deliver different results.⁷⁸ I therefore recommend the Commission remove
7 \$16.02 million the Company proposed for this program in the 2025 test year. I also note
8 that while the Commission disallowed \$1.9 million in 2024 test year capital spending for
9 the program in DTE's last rate case,⁷⁹ the Company projects spending of \$15.64 million in
10 2024. I recommend the Commission disallow the full amount from recovery from
11 customers for the reasons just discussed.

12 **VIII. THE COMMISSION SHOULD NOT EXTEND AND EXPAND THE IRM FOR**
13 **THE BREAKER AND URD REPLACEMENT PROGRAMS.**

14 **Q. Besides the programs you have already discussed, are there any other programs**
15 **included in DTE's requested expansion of the IRM into 2026 and 2027?**

⁷⁶ The Appoline pilot (\$895,000 cost) served 61 customers, while the Buffalo-Charles pilot (\$17.4 million cost) served 459 customers. See Ex A-23 Sch M13 pp. 22-23.

⁷⁷ Larsen P., *A Method to Estimate the Costs and Benefits of Undergrounding Electricity Transmission and Distribution Lines*. Lawrence Berkeley National Laboratory report LBNL-1006394, p. 35. Accessed July 25, 2024, available at https://eta-publications.lbl.gov/sites/default/files/lbnl-1006394_pre-publication.pdf (showing ratio of \$0.30:\$1).

⁷⁸ *Id.*

⁷⁹ Case No. U-21297, Dec. 1, 2023, Order, p. 104; U-21297, Ex A-12 Sch B5.4, p. 11 line 109.

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1 A. Yes, DTE also proposes to expand and increase spending in the Breaker and URD
2 Replacement programs.⁸⁰ The scope of this spending – and increased spending – is smaller
3 than the programs just discussed.

4 **Q. Did you evaluate these programs in preparing your testimony in DTE’s last rate case?**

5 A. Yes, I did. I found neither program delivered benefits to customers in excess of costs to
6 customers.⁸¹

7 **Q. Has your finding regarding these programs changed?**

8 A. No.

9 **Q. Should the Commission approve DTE’s request to extend and expand the IRM for**
10 **these two program areas?**

11 A. No, it should not. Not only have my analyses found these programs to be cost-ineffective,
12 as discussed by Mr. Alvarez, there are multiple inherent challenges with rider programs
13 that authorize spending years into the future, the result of which is a regulatory process that
14 shifts risk to ratepayers, notwithstanding the significant information and resource
15 asymmetry between the utility and ratepayers. Moreover, in U-21297, while the
16 Commission approved 90% of the Company’s proposed spending for each program. For
17 both programs, the Commission requested more evidence to support the investments –
18 including evidence that approved investments actually contribute to reductions in the

⁸⁰ Ex A-33 Sch X1.

⁸¹ Case No. U-21297, Stephens Direct, 6 TR 3386-91 (Circuit Breaker Replacement) and 3391-94 (URD Cable Replacement).

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frequency and duration of outages.⁸² The Company has not provided cost-benefit analyses to support these investments. The Commission should not approve inclusion of these programs in the 2026 and 2027 IRM.

IX. REVIEW, SUMMARY, AND CONCLUSION

Q. Please summarize your testimony and recommendations.

A. This testimony began with the overall theme that benefit-cost analyses should be employed to make decisions regarding discretionary capital programs, and identified all capital programs examined in this testimony as discretionary. The introductory section continued with three key observations:

- Storm response and vegetation management – not equipment condition – have driven the Company’s historically poor (relative to peers) reliability performance.
- The reliability improvements DTE calculates from many of its capital programs conflate benefits from the programs with benefits from the tree trimming that are part and parcel of the programs and are thus significantly exaggerated.
- Massive increases in capital spending in recent years have not improved DTE reliability performance, casting doubt as to the effectiveness of capital spending as a solution to relatively poor reliability performance.

My testimony addresses six discretionary capital spending programs DTE presents in its instant application. A seventh capital spending program – Grid Automation Telecommunications – is addressed in AG-MN Witness Alvarez’s testimony but presented in the table below for convenience. I also summarily address the Company’s request to expand the IRM for two equipment replacement programs. I provided a summary of my

⁸² Case No. U-21296, Dec. 1, 2023, Order, pp. 99-101.

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1 recommendations in the table at the start of my testimony; recommended disallowances
2 are summarized in Exhibit MEC-11 and in the table below:

AG-MN 2024 / 2025 Test Year Reductions	(\$ in millions)	Reduction in 2024	Reduction in 2025 Test Year
4.8kV Hardening			
DTE Requested '24/ '25 Test Year		80.000	125.000
AG-MN Recommended Adjustment		(73.333)	(81.800)
AG-MN Recommended '24 / '25 Test Year Spend		6.667	43.200
Pole and Poletop Maintenance and Modernization			
DTE Requested '25		n/a	121.000
AG-MN Recommended Adjustment		n/a	(57.550)
AG-MN Recommended '25 Test Year Spend		n/a	63.450
Distribution Automation			
DTE Requested '25		n/a	125.625
AG-MN Recommended Adjustment		n/a	(101.176)
AG-MN Recommended '25 Test Year Spend		n/a	24.449
Strategic & Service Line OH to UG Pilots			
DTE Requested '24/ '25 Test Year		15.644	16.019
AG-MN Recommended Adjustment		(15.644)	(16.019)
AG-MN Recommended '24 / '25 Test Year Spend		0.000	0.000
Grid Automation Telecommunications			
DTE Requested '24/ '25 Test Year		16.900	15.000
AG-MN Recommended Adjustment		(16.900)	(15.000)
AG-MN Recommended '24 / '25 Test Year Spend		0.000	0.000
Subtransmission Redesign and Rebuild Disallowances			
Tie 4105 Phase 3 (projected to be in service in 2024)		(19.274)	0.000
Tie 4105 Phase 4 (projected to be in service in 2025)		0.000	(2.808)
Trunk 3509 (Projected to be in service 2024)		(6.062)	0.000
Total Subtransmission Redesign and Rebuild Disallowance		(25.336)	(2.808)
2024 /2025 Test Year Reduction Summary		2024	2025
4.8kV Hardening		(73.333)	(81.800)
Pole and Poletop Maintenance & Modernization		n/a	(57.550)
Distribution Automation		n/a	(101.176)

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Strategic & Service Line OH to UG Pilots	(15.644)	(16.019)
Grid Automation Telecommunications	(16.900)	(15.000)
Subtransmission Redesign and Rebuild	(25.336)	(2.808)
TOTALS	(131.213)	(274.353)

1 **Q.** **Does this conclude your testimony?**

2 **A.** Yes, it does.

Curriculum Vitae – Dennis Stephens

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Profile

Mr. Stephens has over 40 years' experience in electric and gas distribution grid planning, design, operations management, and asset management, and the innovative use of technology to assist with these functions. He spent his entire career at Xcel Energy and its subsidiary Public Service Company of Colorado, a distribution utility serving 1.5 million electric customers and 1.4 million gas customers. After a series of electrical and gas engineering and management roles of increasing responsibility, Mr. Stephens retired as the Director of Innovation and Smart Grid Investments for all of Xcel Energy's electric and gas distribution businesses in 2011. He now works for the Wired Group and its clients on a part-time basis.

Career History (all positions with Public Service Company of Colorado or its parent, Xcel Energy)

1976 -- Planning Engineer. Performed electric distribution system planning for Southeast Denver, Boulder, Front Range and Cheyenne divisions, including system protection, voltage support and distribution system design.

1983 – Senior Engineer, Electric Distribution Planning. Provided direction and guidance for junior engineers. Led special projects relating to electric distribution system reliability and design. Promoted to Supervisor of Electric Distribution Planning with a staff of 12 electrical engineers with responsibility for capacity and reliability planning.

1988 -- Manager of Operations, Colorado Front Range Division. Responsible for all electric and gas distribution operations, including a high-pressure gas system (engineering, operations, and construction).

1994 -- Manager of Operations & Maintenance Engineering, Southeast Denver. Managed the design of gas and electric distribution system replacements.

1997 -- Manager, Distribution Reliability Assessment, Xcel Energy South (CO, WY, TX, OK). Led an engineering team focused on electric distribution grid reliability and capacity.

1998 -- Director of Electric and Gas Operations, Southwest Denver Division. Responsible for all aspects of electric and gas engineering, operations, and construction in the Southwest Denver Division.

1999 -- Director of Operations, City and County of Denver Division. Responsible for all aspects of electric and gas engineering, operations, and construction for Division, including downtown Denver. Promoted to Director, New Construction of electric and gas systems for the entire metro area.

2001 -- Director Electric Distribution Asset Strategy, Xcel Energy. Developed and implemented asset management strategies for all electric distribution assets in Xcel Energy's 8-state service area.

2005 -- Director of Utility Innovations and Smart Grid Investments. Led Xcel Energy's Utility Innovations department, developing and implementing new technologies and business processes in multiple electric and gas distribution functional areas. Advanced the concept of an Intelligent Network at Xcel Energy, and led several aspects of the SmartGridCity® demonstration project in Boulder, Colorado. Department secured a national Edison Award for Innovation in 2006. Retired in 2011.

2016 – Senior Technical Consultant, Wired Group.

Noteworthy Projects

Smart Grid Solutions Development, 2010. Worked with several large solution providers to develop and implement technical distribution grid solutions and innovations, including IBM, ABB, and Siemens.

DER Integration Strategy and Roadmap Development, 2009. Established DER integration strategy and road-maps for Xcel Energy, including technology and capability roadmap for high DER penetration geographies in Boulder, Colorado.

SmartGridCity™ Project Development, 2008. Developed the technical foundations for the SmartGridCity project in Boulder, Colorado (46,000 customers).

Distribution Automation Design, 2007. Worked with ABB Corporation to design software to identify and locate failures in underground cable. The ABB Smart Analyzer™ was programmed with three traps to capture detailed information using Oscillography/Digital Fault Records (O/DFR).

Utility Innovations Program Development, 2006. Led the development of Xcel Energy's Utility Innovations program, for which Mr. Stephens' team receive a national Edison Award.

Distribution Asset Optimization Process, 2005. Taking advantage of SPL's Centricity Outage Management Program and Itron's Real Time Performance Management system (RTPM), developed a Distribution Asset Optimization process by mining AMI meter data and asset utilization information in the development of an enhanced asset loading forecasting process. The process took advantage of the systems' abilities to forecast sudden changes in usage patterns to take proactive mediation of equipment overloading.

Distribution Asset Optimization Software Development, 2004. Worked with Itron on the development of a Distribution Asset Optimization software program.

Fixed AMI Communications Network Development, 2003. Worked with Itron to pilot one of the first applications of a fixed wireless radio network to collect data from customer meters.

Electric Asset Management Strategy Development, 2002. Developed Xcel Energy's Electric Distribution Asset Management Strategy

Automated Switching System Deployment, 2001. Worked with S&C Electric Corporation to deploy its Intelliteam™ devices on Xcel Energy's distribution grid to reduce the number of customers impacted by an outage by isolate faults through automated switching routines.

High Pressure Gas Pipe Replacement Program, 1988. Initiated and managed the renewal and replacement of 26 miles of high pressure gas pipe, over a 5 year period, reducing the likelihood of seam failures as outlined in an "Alert Notice" issued by the Department of Transportation's Office of Pipeline

Safety. Project roles included community engagement, government and regulator relations (PUC, DOT, EPA), and contractor management. Project completed 1 year ahead of schedule and 14% under budget.

Regulatory Appearances

Evaluate the Application of Public Service of Oklahoma for a Rate Increase and Changes in Cost Recovery Practices for Some Expenses. Testimony on behalf of Commission Staff in PUD 2023-000086. July 29, 2024.

Evaluate DTE Energy's Request for Rate Increase, and to Extend and Expand Rider IRM. Testimony on behalf of a group of environmental and consumer advocates in Michigan PSC U-21534. July 26, 2024.

Evaluate Commonwealth Edison Company's Refiled Grid Plan. Panel Testimony with Paul J. Alvarez on behalf of the Attorney General in Illinois Commerce Commission Case No. 22-0486. May 23, 2024.

Evaluate Ameren Illinois Company's Refiled Grid Plan. Panel Testimony with Paul J. Alvarez on behalf of the Attorney General in Illinois Commerce Commission Case No. 22-0487. May 13, 2024.

Evaluate Oklahoma Gas & Electric Company's historical spending. Testimony on behalf of the Oklahoma Corporation Commission Staff in PUD 2023-000087. April 26, 2024.

Evaluate National Grid's historical spending and multi-year rate plan. Panel testimony with Paul J. Alvarez on behalf of the Attorney General in Massachusetts DPU Case 23-150. March 29, 2024.

Evaluate Pepco's Second Multi-year Rate Plan. Panel testimony with Paul J. Alvarez on behalf of the Office of People's Counsel in Maryland PSC Case No. 9702. December 15, 2023.

Evaluate BGE's Second Multi-Year Rate Plan (Electric Distribution Components 2024-2027) and Electric Distribution Spending 2021-2022. Panel testimony with Paul J. Alvarez on behalf of the Office of People's Counsel in Maryland PSC Case No. 9692. June 20, 2023.

Evaluate DTE Energy's Request for Strategic Capital Plan Cost Recovery and Infrastructure Recovery Mechanism Rider on behalf of the Attorney General and a group of environmental and consumer advocates in Michigan PSC U-21297. June 13, 2023.

Evaluate Commonwealth Edison's Multi-year Grid Plan. Panel testimony with Paul Alvarez on behalf of the Attorney General in Illinois Commerce Commission 22-0486. May 22, 2023.

Evaluate Ameren Illinois Corporation's Multi-year Grid Plan. Panel testimony with Paul Alvarez on behalf of the Attorney General in Illinois Commerce Commission 22-0487. May 11, 2023.

Evaluate the Technical Justifications for Public Service Oklahoma's \$450 million Grid Enhancement and Resilience Plan. Testimony on behalf of the Attorney General in PUD-2022-000093. March 7, 2023.

Evaluate Georgia Power's Transmission and Distribution Spending Proposals. Panel testimony with Paul Alvarez on behalf of Public Interest Advocacy Staff. Georgia PSC 44280. October 20, 2022.

Evaluate Pacific Gas & Electric's 2023-2026 Multi-year Rate Plan. Panel testimony with Paul Alvarez on behalf of AARP. California PUC A.21-06-021. June 10, 2022.

Evaluate the Distribution Business Components of Georgia Power Company's Integrated Resource Plan. Panel testimony with Paul J. Alvarez on behalf of Public Interest Advocacy Staff. Georgia PSC 44160. May 6, 2022.

Evaluate Oklahoma Gas & Electric Company Grid Modernization Spending and Plans. Testimony on behalf of the Office of Attorney General in PUD 202100164. April 27, 2022.

Evaluate Grid Modernization and Advanced Metering Proposals by Massachusetts Utilities. Panel testimonies with Paul J. Alvarez on behalf of the Office of Attorney General in D.P.U. 21-80, 21-81, and 21-82. January 19, 2022.

Dominion Grid Modernization Plan Review. Testimony on behalf of Appalachian Voices/Southern Environmental Law Center. PUR-2021-00127. September 13, 2021.

Avista Utilities' Electric Distribution and Wildfire Spending, Plans, and Processes. Panel testimony with Paul J. Alvarez on behalf of Public Counsel. WUTC 200900, 200901, and 200894. April 29, 2021.

Pepco's 2021-2023 Grid Investment and Plan. Panel testimony with Paul J. Alvarez on behalf of the Maryland Office of People's Counsel. MDPSC 9655. March 3, 2021

Baltimore Gas & Electric Company's 2021-2023 Grid Investment and Operations Plan. Panel testimony with Paul J. Alvarez on behalf of the Maryland Office of People's Counsel. MD PSC 9645. Aug 14, 2020.

Review of Maryland Utilities' 2019 Annual Performance Reports. Comments of the Office of People's Counsel. MD PSC 9353. June 8, 2020

Duke Energy Carolinas/Duke Energy Progress \$2.3 billion Grid Improvement Plan. Testimony before the North Carolina Utilities Commission critiquing Duke Energy's Plan on behalf of a group of environmental and consumer advocates. NCUC E-7, Sub 1214 Feb 18, 2020 & E-2, Sub 1219 Mar 25, 2020.

Indianapolis Power and Light's proposed \$1.2 billion Grid Improvement Plan. Testimony before the Indiana Utility Regulatory Commission on behalf of the City of Indianapolis critiquing Indianapolis Power and Light's proposed \$1.2 billion Grid Improvement Plan. Cause 45264. October 7, 2019.

Investigation into Distribution Planning Processes. Comments to the Michigan Public Service Commission recommending a transparent, stakeholder-engaged distribution planning process. U-20147. September 11, 2019.

New Hampshire Public Utilities Commission Distribution Planning/Grid Modernization Proceeding. Comments in IR 15-296 describing a transparent, stakeholder-engaged distribution planning process.

Pacific Gas and Electric 2019 General Rate Case. Testimony in A.18-12-009 on behalf of TURN related to \$270 million in proposed "Integrated Grid Platform" investments.

Southern California Edison 2017 General Rate Case. Testimony in A.16-09-001 on behalf of TURN related to \$2.3 billion in proposed grid modernization investments.

Pacific Gas and Electric 2016 General Rate Case. Testimony in A.15-09-001 on behalf of related to \$100 million in proposed grid modernization investments.

Notable Publications and Presentations

Alternative Ratemaking in the US: A Prerequisite for Grid Modernization, or an Unwarranted Shift of Risk to Customers? With Paul Alvarez, Kenneth Costello, and Sean Ericson. Electricity Journal. Volume 35 (October 2022).

Utility Regulation Through Legislation: A Cautionary Tale for Legislators, Regulators, Stakeholders, and Utilities. With Paul Alvarez and Sean Ericson. Electricity Journal. Volume 34 (August 2021).

Florida Storm Protection Plans: A Bonanza for Utilities, A Bust for Consumers and the State. Whitepaper co-authored with Paul J. Alvarez for AARP-Florida. October 5, 2020.

Challenging Utility Grid Modernization Proposals. With Sean Ericson and Dennis Stephens. Public Utilities Fortnightly. Part 1, August, 2020, pages 59-62; Part 2 to be published September, 2020.

The Rush to Modernize: An Editorial on Distribution Planning and Performance Measurement. With Paul Alvarez & Sean Ericson. Accepted for publication by Public Utilities Fortnightly. Anticipated publication June, 2019.

Modernizing the Grid in the Public Interest: Getting a Smarter Grid at the Least Cost for South Carolina Customers. Whitepaper co-authored with Paul Alvarez for GridLab. January 31, 2019

Modernizing the Grid in the Public Interest: A Guide for Virginia Stakeholders. Whitepaper co-authored with Paul Alvarez for GridLab. October 5, 2018.

DistribuTECH 2010, Tampa, Florida. “Realizing the Benefits of DER, DG and DR in the Context of Smart Grid”

OSI 2008 User’s Conference, Denver, Colorado; DistribuTECH 2007, San Diego, California. “Smart Grid City: A blueprint for a connected, intelligent grid community”

ABB 2007 World Conference, Jacksonville, Florida. “Use of Distribution Automation Systems to identify Underground Cable Failure”

North American T&D Conference 2005, Toronto, Canada; Itron 2005 User Conference, Boca Raton, Florida. “Xcel Energy Utility Innovations and Distribution Asset Optimization”

DistribuTECH 2005, San Diego, California. “How Advanced Metering Technology is Driving Innovation at Xcel Energy”

Education

Bachelor of Science Degree in Electrical Engineering, 1975, University of Missouri at Rolla.

Awards

Led Xcel Energy team that received a National Edison Award for Utility Innovations, 2006.

AG-MN 2024 / 2025 Test Year Reductions	(\$ in millions)	Reduction in 2024	Reduction in 2025 Test Year
4.8kV Hardening			
DTE Requested '24/ '25 Test Year		80.000	125.000
AG-MN Recommended Adjustment		(73.333)	(81.800)
AG-MN Recommended '24 / '25 Test Year Spend		6.667	43.200
Pole and Poletop Maintenance and Modernization			
DTE Requested '25		n/a	121.000
AG-MN Recommended Adjustment		n/a	(57.550)
AG-MN Recommended '25 Test Year Spend		n/a	63.450
Distribution Automation			
DTE Requested '25		n/a	125.625
AG-MN Recommended Adjustment		n/a	(101.176)
AG-MN Recommended '25 Test Year Spend		n/a	24.449
Strategic & Service Line OH to UG Pilots			
DTE Requested '24/ '25 Test Year		15.644	16.019
AG-MN Recommended Adjustment		(15.644)	(16.019)
AG-MN Recommended '24 / '25 Test Year Spend		0.000	0.000
Grid Automation Telecommunications			
DTE Requested '24/ '25 Test Year		16.900	15.000
AG-MN Recommended Adjustment		(16.900)	(15.000)
AG-MN Recommended '24 / '25 Test Year Spend		0.000	0.000
Subtransmission Redesign and Rebuild Disallowances			
Tie 4105 Phase 3 (projected to be in service in 2024)		(19.274)	0.000
Tie 4105 Phase 4 (projected to be in service in 2025)		0.000	(2.808)
Trunk 3509 (Projected to be in service 2024)		(6.062)	0.000
Total Subtransmission Redesign and Rebuild Disallowance		(25.336)	(2.808)

2024 /2025 Test Year Reduction Summary	2024	2025
4.8kV Hardening	(73.333)	(81.800)
Pole and Poletop Maintenance & Modernization	n/a	(57.550)
Distribution Automation	n/a	(101.176)
Strategic & Service Line OH to UG Pilots	(15.644)	(16.019)
Grid Automation Telecommunications	(16.900)	(15.000)
Subtransmission Redesign and Rebuild	(25.336)	(2.808)
TOTALS	(131.213)	(274.353)

Strategic Capital Programs AG-MN Disallowance Summary		2024	2025	
Infrastructure Resilience and Hardening				
4.8kV Hardening	(73.333)	(81.800)		Ex A-12 B5.4 p13 Infrastructure Resilience and Hardening line 12, col (d), (g)
Pole and Poletop Maintenance & Modernization	n/a	(57.550)		Ex A-12 B5.4 p13 Infrastructure Resilience and Hardening line 13, col (d), (g)
TOTAL Infrastructure Resilience and Hardening Disallowances	(73.333)	(139.350)		Ex A-12 B5.4 p1 line 19 col (d), f)
Infrastructure Redesign and Modernization				
Strategic & Service Line OH to UG Pilots	(15.644)	(16.019)		Ex A-12 B5.4 p15 Infrastructure Redesign & Modernization line 64, col (d), (g))
Subtransmission Redesign and Rebuild	(25.336)	(2.808)		Ex A-12 B5.4 p16 Infrastructure Redesign & Modernization line 114, col (d), (g))
TOTAL Infrastructure Redesign & Modernization Disallowances	(40.980)	(18.827)		Ex A-12 B5.4 p1 line 20 col (d), f)
Technology and Automation				
Distribution Automation	n/a	(101.176)		Ex A-12 B5.4 p17 Technology & Automation line 2, col (d), (g))
Grid Automation Telecommunications	(16.900)	(15.000)		Ex A-12 B5.4 p17 Technology & Automation line 6, col (d), (g))
TOTAL Technology and Automation Disallowances	(16.900)	(116.176)		Ex A-12 B5.4 p1 line 21 col (d), f)
TOTAL Strategic Capital Programs Disallowances	(131.213)	(274.353)		Ex A-12 B5.4 p1 line 22 col (d), f)

Job Number	Outage Time	Restore Time	Duration	git	Circuit	stomers Affec	vice Ext	Extent	Cause Code	DS Device	DS Cause	Material Affected	Storm Number
NW23032100506	3/20/2023 18:00	3/21/2023 13:56	181	VW	Circuit508	2270	RECLO	Device (ii	Equipment Failure	NA	NA	null	null
NE23031001474	3/10/2023 18:09	3/10/2023 22:55	266	NE	Circuit1208	174	RECLO	Device (ii	Equipment Failure	PTTM	PTMM FAILURE	null	null
NE23020701129	2/7/2023 14:37	2/8/2023 5:10	871	NE	Circuit1210	2271	RECLO	Device (ii	Equipment Failure	WIRE DOWN	3RD PARTY DAMAGE	null	null
SW23042300837	4/23/2023 22:08	4/24/2023 9:30	681	SW	Circuit2423	510	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
SW23042400888	4/24/2023 15:11	4/24/2023 10:36	23	SW	Circuit2423	608	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NE23042900055	4/29/2023 2:35	4/29/2023 17:20	878	NE	Circuit1217	124	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
SE23022100530	2/21/2023 11:35	2/21/2023 21:41	606	SE	Circuit2442	112	FUSE	Device (ii	Equipment Failure	PTTM	PTMM FAILURE	null	null
SE23022709812	2/23/2023 7:53	2/28/2023 21:35	1508	SE	Circuit2442	981	OHCKT	rcuit Lev	Equipment Failure	NA	NA	CABLE	2023003
NW23032500911	3/24/2023 12:34	3/25/2023 21:35	462	VW	Circuit1587	2290	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NW23050100692	5/1/2023 12:19	5/1/2023 19:39	439	VW	Circuit1587	126	CP	Device (i	Equipment Failure	NA	NA	null	null
NW23041201488	4/12/2023 19:07	4/13/2023 5:24	432	VW	Circuit2450	153	RECLO	Device (ii	Equipment Failure	NA	NA	null	null
NW23041201299	4/12/2023 19:05	4/12/2023 22:08	182	VW	Circuit1470	1089	OHCKT	rcuit Lev	Equipment Failure	RECLOSER	EQUIP FAILURE	null	null
NW23030319097	3/3/2023 20:46	3/4/2023 16:47	1196	VW	Circuit1469	211	RECLO	Device (ii	Equipment Failure	NA	NA	null	2023003
SE23031700047	3/17/2023 1:35	3/17/2023 16:08	873	SE	Circuit1590	211	CP	Device (i	Equipment Failure	WIRE DOWN	NA	null	null
SE23050401499	5/4/2023 17:40	5/4/2023 22:20	240	SE	Circuit1593	1141	RECLO	Device (ii	Equipment Failure	JUMPER OPEN	VEGETATION DAMAGE	null	null
SE23020901596	2/9/2023 17:34	2/9/2023 20:21	165	SE	Circuit1598	332	RECLO	Device (ii	Equipment Failure	WIRE DOWN	NA	null	null
SE23042400216	4/24/2023 1:55	4/24/2023 5:49	203	SE	Circuit1600	136	G TRANE	Transf	Equipment Failure	OK ON ARRIVAL	NA	null	null
SE23042400213	4/24/2023 1:55	4/24/2023 5:49	203	SE	Circuit1600	141	H TRANE	Transf	Equipment Failure	OK ON ARRIVAL	NA	null	null
NW23022000803	2/20/2023 11:10	2/20/2023 16:47	137	VW	Circuit2485	2030	OHCKT	rcuit Lev	Equipment Failure	WIRE DOWN	NA	null	null
NW23042401589	4/24/2023 13:32	4/24/2023 18:23	230	VW	Circuit2485	124	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
NW23042401753	4/24/2023 15:56	4/24/2023 17:56	117	VW	Circuit2486	716	OHCKT	rcuit Lev	Equipment Failure	PTMM	PTMM FAILURE	null	null
NW23042401750	4/24/2023 15:56	4/24/2023 16:32	33	VW	Circuit2486	787	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NW23042801989	4/28/2023 17:30	4/30/2023 17:25	2766	VW	Circuit2489	341	FUSE	Device (ii	Equipment Failure	WIRE DOWN	NA	null	null
NW23032000254	3/20/2023 8:26	3/20/2023 10:03	94	VW	Circuit2490	111	UGCKT	rcuit Lev	Equipment Failure	POLE BROKEN	NA	null	null
SE23020902008	2/9/2023 19:33	2/10/2023 2:18	347	SE	Circuit1617	835	OHCKT	rcuit Lev	Equipment Failure	POLE	NA	null	null
SE23031600395	3/16/2023 10:18	3/16/2023 17:21	416	SE	Circuit1617	474	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
SE23020901993	2/9/2023 20:26	2/10/2023 2:18	351	SE	Circuit1618	722	OHCKT	transmis	Equipment Failure	POLE BROKEN	NA	null	null
SW23021701519	2/17/2023 7:21	2/17/2023 10:54	57	SW	Circuit719	1781	null	Device (ii	Equipment Failure	NA	NA	null	null
SW23041001058	4/10/2023 13:19	4/10/2023 20:17	417	SW	Circuit719	174	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
SW23041300202	4/13/2023 9:08	4/13/2023 11:16	125	SW	Circuit719	173	FUSE	Device (ii	Equipment Failure	NA	CAUSE NOT FOUND	null	null
SW23050401233	5/4/2023 15:24	5/4/2023 19:54	266	SW	Circuit719	172	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
SW23052601208	5/26/2023 14:37	5/26/2023 16:37	119	SW	Circuit719	172	FUSE	Device (ii	Equipment Failure	PTMM	PTMM FAILURE	null	null
SW23030301309	3/3/2023 12:53	3/5/2023 14:45	2972	SW	Circuit720	519	RECLO	Device (ii	Equipment Failure	NA	NA	null	2023003
NE23030309961	3/3/2023 18:11	3/4/2023 16:03	1299	NE	Circuit1220	134	FUSE	Device (ii	Equipment Failure	NA	NA	null	2023003
NE23032000516	3/20/2023 8:29	3/21/2023 7:17	1298	NE	Circuit1220	1878	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NE23033001412	3/30/2023 16:30	3/30/2023 16:46	14	NE	Circuit1220	1879	OHCKT	rcuit Lev	Equipment Failure	SWITCH	EQUIP FAILURE	null	null
NW23042300932	4/24/2023 0:09	4/24/2023 8:04	467	VW	Circuit1949	1163	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NW23042300950	4/24/2023 0:09	4/24/2023 8:03	444	VW	Circuit1951	2100	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NW23060501473	6/5/2023 15:23	6/5/2023 22:27	421	VW	Circuit1951	101	CP	Device (i	Equipment Failure	NA	NA	null	null
NE23050800171	5/8/2023 8:22	5/8/2023 11:23	177	NE	Circuit2503	217	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
NE23050800206	5/8/2023 8:35	5/8/2023 14:15	338	NE	Circuit2503	358	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
NW23031000729	3/10/2023 11:41	3/10/2023 17:42	340	VW	Circuit2505	446	RECLO	Device (ii	Equipment Failure	NA	NA	CONDUCTOR	null
SE23030309797	3/3/2023 18:11	3/4/2023 22:07	1664	SE	Circuit813	234	FUSE	Device (i	Equipment Failure	WIRE DOWN	NA	null	2023003
SE23030301881	3/3/2023 15:54	3/4/2023 19:15	1640	SE	Circuit817	330	RECLO	Device (ii	Equipment Failure	NA	NA	null	2023003
NW23040500804	4/5/2023 10:10	4/5/2023 16:46	389	VW	Circuit2514	809	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
SW23032700047	3/27/2023 1:17	3/27/2023 3:34	106	SW	Circuit2408	2949	RECLO	Device (ii	Equipment Failure	NA	NA	null	2023004
NE23051801145	5/18/2023 15:16	5/18/2023 17:18	82	NE	Circuit1228	3090	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NE23032101398	3/21/2023 13:48	3/21/2023 14:18	13	NE	Circuit2524	2148	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NE23032900072	3/29/2023 7:07	3/29/2023 15:57	500	NE	Circuit2524	2150	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
SW23022101423	2/21/2023 23:08	2/22/2023 3:55	266	SW	Circuit2017	156	FUSE	Device (ii	Equipment Failure	NA	NA	null	null
NE23053000208	5/30/2023 3:43	5/30/2023 8:05	183	NE	Circuit2529	1940	OHCKT	rcuit Lev	Equipment Failure	NA	NA	null	null
NE23020900365	2/9/2023 9:22	2/9/2023 11:58	156	NE	Circuit2532	175	RECLO	Device (ii	Equipment Failure	JUMPER OPEN	NA	null	null
SE23022226400	2/22/2023 22:56	2/26/2023 13:12	5175	SE	Circuit345	737	OHCKT	rcuit Lev	Equipment Failure	SERVICE BROKEN	VEGETATION DAMAGE	null	2023003
SW23061200345	6/12/2023 2:18	6/12/2023 8:04	310	SW	Circuit1385	680	FUSE	Device (ii	Equipment Failure	PTMM	PTMM FAILURE	null	null
SW23021702358	2/17/2023 11:17	2/17/2023 20:18	346	SW	Circuit2024	3114	CP	Device (ii	Equipment Failure	SUBSTATION EQUIP	NA	null	null
SW23042900262	4/29/2023 6:35	4/29/2023 21:34	897	SW	Circuit2027	953	RECLO	Device (ii	Equipment Failure	WIRE DOWN	NA	null	null

SW23042900995	4/29/2023 6:35	4/29/2023 23:07	604	SW	Circuit2027	469	PTS Device (ii)	Equipment Failure	WIRE DOWN	NA	null	null
NE23021800272	2/18/2023 10:52	2/18/2023 16:32	337	NE	Circuit1231	810	OHCKT rcuit Lev	Equipment Failure	PTMM	PTMM FAILURE	null	null
NW23030309870	3/3/2023 18:13	3/6/2023 8:55	3752	VW	Circuit2554	2259	OHCKT rcuit Lev	Equipment Failure	NA	NA	null	2023003
SE23033101982	3/31/2023 22:24	3/31/2023 23:18	50	SE	Circuit1622	706	OHCKT rcuit Lev	Equipment Failure	NA	NA	null	null
SE23033102041	3/31/2023 22:44	4/1/2023 3:28	280	SE	Circuit1623	483	OHCKT rcuit Lev	Equipment Failure	WIRE DOWN	NA	null	null
SE23040100383	4/1/2023 0:51	4/1/2023 3:38	26	SE	Circuit1623	482	OHCKT rcuit Lev	Equipment Failure	WIRE DOWN	NA	null	null
SE23040100413	4/1/2023 3:10	4/1/2023 3:49	8	SE	Circuit1623	482	OHCKT rcuit Lev	Equipment Failure			null	null
SE23033102074	3/31/2023 22:25	3/31/2023 23:11	16	SE	Circuit1624	553	RECLO Device (ii)	Equipment Failure	NA	NA	null	null
SE23032500398	3/25/2023 10:47	3/25/2023 20:21	543	SE	Circuit1626	659	OHCKT rcuit Lev	Equipment Failure			null	2023004
SE23033102075	3/31/2023 22:24	3/31/2023 23:10	14	SE	Circuit1626	659	OHCKT rcuit Lev	Equipment Failure			null	null
SW23060801153	6/8/2023 10:26	6/8/2023 13:43	94	SW	Circuit2029	2866	OHCKT rcuit Lev	Equipment Failure	NA	NA	null	null
NW23051501069	5/15/2023 13:05	5/15/2023 16:32	205	VW	Circuit1480	203	OHDS Device (ii)	Equipment Failure	NA	NA	null	null
NW23032202021	3/22/2023 23:45	3/23/2023 8:23	514	VW	Circuit1481	1758	OHDS Device (ii)	Equipment Failure			null	null
NW23032300091	3/22/2023 23:46	3/23/2023 6:46	233	VW	Circuit1481	1813	FUSE Device (ii)	Equipment Failure			null	null
NW23032100226	3/21/2023 9:07	3/21/2023 13:31	261	VW	Circuit1482	190	G TRANe Transf	Equipment Failure			null	null
NW23032300113	3/22/2023 23:55	3/23/2023 8:25	317	VW	Circuit1483	122	RECLO Device (ii)	Equipment Failure			null	null
NW23032300404	3/23/2023 7:06	3/23/2023 19:01	601	VW	Circuit1483	476	RECLO Device (ii)	Equipment Failure			null	null
SE23021000055	2/10/2023 1:14	2/10/2023 1:47	16	SE	Circuit2559	641	OHCKT rcuit Lev	Equipment Failure	NA	NA	null	null
SE23021000088	2/10/2023 2:05	2/10/2023 5:25	196	SE	Circuit2559	641	OHCKT rcuit Lev	Equipment Failure	NA	NA	null	null
SE23051601918	5/16/2023 19:23	5/17/2023 5:47	618	SE	Circuit2559	327	RECLO Device (ii)	Equipment Failure	WIRE DOWN	NA	null	null
NE23031701374	3/17/2023 8:31	3/17/2023 15:31	418	NE	Circuit2562	889	RECLO Device (ii)	Equipment Failure			null	null

SE23060101927		
JOB_NUMBER	CREATEDAT	NOTES
SE23060101927	2023-06-01 18:50:14	lost appx 50A of load on all 3 phases
SE23060101927	2023-06-02 04:08:46	1745- Joseph D Clark: Work complete to change out 2 transformers, circuit not normal open loop exists btw 168-6 and 168-7, trouble report written for reconductor after trans fire burned up cable in 168-6.
SE23060101927	2023-06-02 04:08:46	MapNumber:DET 2-26FeederNumber:PF A168Reconductor:YJacketedCable:NCableCart:NLiveFront:NIsolatedBetweenLow:A168-6IsolatedBetweenHigh:A168-7Crew:1745

MPSC Case No: U-21297

Requester: AG

Question No.: AGDE-4.103b

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: Refer to Exhibit A-12, Schedule B5.4.8. Please:

b. Provide in Excel the number of units, miles, activities, number of projects, and other data or metrics supporting the actual expenditures for each year 2017 to 2022 and forecasted for 2022, 2023, 2024, and the projected test year.

Answer: See attachment U-21297 AGDE-4.103b-01 PTMM and 4.8kV Hardening Metrics.

Attachment: *U-21297 AGDE-4.103b-01 PTMM and 4.8kV Hardening Metrics*

U-21297 AGDE-4.103b-01 PTMM and 4.8kV Hardening Metrics 2017-2022

Program	Metric	2017	2018	2019	2020	2021	2022
Pole and Pole Top Maintenance and Modernization (PTMM)	Miiles Modernized	786	2,019	1,027	1,496	1,541	1,562
Pole and Pole Top Maintenance and Modernization (PTMM)	Poles Replaced	2,700	3,165	1,333	1,431	1,016	4,537
Pole and Pole Top Maintenance and Modernization (PTMM)	Poles Reinforced	N/A*	2,050	2,717	27	109	1,116
Pole and Pole Top Maintenance and Modernization (PTMM)	Pole Inspections	63,230	84,005	58,080	7,400	45,400	87,000
4.8kV Hardening	Miles Hardened	-	105	128	209	202	475
4.8kV Hardening	Miles of Arc Wire Removed	-	53	54	120	71	224

*The Company did not track this metric in 2017

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.8c

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: Refer to Exhibit A-23 Schedule M13, the 1898 & Co, benefit-cost analysis for 'Pole and Pole Top Maintenance and Modernization' and 'Overhead to Underground conversion Pilots'.

c. Provide an example of the documentation that is provided to management that approves spending on these types of projects, including the information from the 1898 models that justify the project spending. If there is just a single capital request for the entire PTMM program, please provide that approved capital request and all supporting documentation.

Answer: DTE Electric Company objects to this request for the reason that the request is overly broad, seeks excessive detail, is unduly burdensome, is overly vague, and is otherwise not reasonably calculated to lead to the discovery of relevant evidence. Subject to this objection, and without waiving this objection, DTE Electric would answer as follows:

The Company does not maintain the information in the form requested.

PTMM: Capital requests for the PTMM program are approved at the program level.

Overhead to Underground Pilots: Capital requests for Overhead to Underground conversions Pilots will be approved on a project-by-project basis.

Attachment: N/A

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.9c

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: 9. Refer to the Company's response to MNSCDE-3.15(b)(i), which states "The Company has not purchased or installed wood crossarms, porcelain cutouts, or porcelain insulators since it changed its standards in the second half of 2019 and does not have recent average prices for these items that account for inflation experienced from 2019-2024."

c. The PTMM program appears to involve a new, more frequent inspection standard. Please provide any benefit-cost analyses, pilot study, results, or other materials on which the decision to modify the previous inspection standard for the new PTMM program was based.

Answer: The Company's PTMM program is not currently on a new, more frequent inspection cycle as described in my testimony on page MEA-49.

The Company's aspiration is to achieve a 10-year pole inspection cycle and a 5-year pole-top inspection cycle. Benchmarking results are shared in my direct testimony on pages MEA-32 through MEA-34.

Attachment: N/A

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.15ci

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: Refer to Case No. U-21297 and to the Company's discovery response to MNSCDE-7.32a, and to Witness Elliott Andahazy's testimony in Case No. U-21297, at MEA-24:14, which states: "The enhanced specification calls for modernizing equipment, which includes replacement of damaged wood crossarms with fiberglass crossarms, porcelain cutouts with polymer cutouts, c. For each type of equipment listed in response to subpart (a) above please provide (or estimate):

i. The number of outages caused by failure of that type of equipment for each of the past five years (include any workpapers and list all data sources); and

Answer: The Company does not have the data as requested. The Company has provided all outages on its system by cause code from 2018-2023 in response to MNSCDE-3.1.

Attachment: N/A

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.15cii

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: Refer to Case No. U-21297 and to the Company's discovery response to MNSCDE-7.32a, and to Witness Elliott Andahazy's testimony in Case No. U-21297, at MEA-24:14, which states: "The enhanced specification calls for modernizing equipment, which includes replacement of damaged wood crossarms with fiberglass crossarms, porcelain cutouts with polymer cutouts, and porcelain insulators with polymer clamp-top insulators (Table 6)."

c. For each type of equipment listed in response to subpart (a) above please provide (or estimate):

ii. The estimated average customers interrupted (CI) and Customer Minutes Interrupted (CMI) per event (include any workpapers and list all data sources).

Answer: The Company does not have the data as requested. The Company has provided all outages on its system by cause code from 2018-2023 in response to MNSCDE-3.1.

Attachment: N/A

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.23d

Respondent: M. Elliott Andahazy

Page: 1 of 1

Question: Refer to Exhibit A-23 Schedule M13, page 17 of 26, regarding 4.4.1 Equipment Failure Reactive Costs, which states “When assets fail before being proactively replaced, it creates an urgency to minimize the impact on the customer.”

d. Provide the estimated average Customer Interrupted (CI) and Customer Minutes Interrupted (CMI) that results in instances in which pole top equipment failures result in an interruption. Please explain the basis for the estimate, and include any workpapers or assumptions.

Answer: The Company does not have the data as requested but has provided all outages on its system from 2017-2023 by cause code in response to MNSCDE-3.1 and has provided the BCA models in their entirety in response to MNSCDE-3.24.

Attachment: N/A

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.1a

Respondent: S. Deol

Page: 1 of 1

Question: 1. Refer to Case No. U-21297, the Company's discovery responses attachment labeled "U-21297 MNSCDE-2.3", and the supplemental attachment labeled "U-21297 MNSCDE-2.3 outages w Field Notes" which provided a spreadsheet of outages with a separate tab which provided the "Field Notes":

a. Please provide, in the same format as provided above, the outages for the years 2017 through 2023. Please provide the field notes on the same sheet as the interruptions such that the field notes line up with the associated interruptions.

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers as there are well over a million field notes associated with this request. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence, because the information requested may be subject to attorney/client privileged and/or because the information requested may contain customer information that is prohibited from disclosure by law. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

See attachment U-21534 MNSCDE-3.1-01 Outages 2017-2023

Attachment: U-21534 MNSCDE-3.1-01 Outages 2017-2023

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.1b

Respondent: S. Deol

Page: 1 of 1

Question: 1. Refer to Case No. U-21297, the Company's discovery responses attachment labeled "U-21297 MNSCDE-2.3", and the supplemental attachment labeled "U-21297 MNSCDE-2.3 outages w Field Notes" which provided a spreadsheet of outages with a separate tab which provided the "Field Notes":

b. Also provide an additional column to the spread sheet that shows the type of equipment that failed causing the outage for all interruptions that have a "caused code" of "Equipment Failure"

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

The Company has cause codes that identify outages due to equipment failure. The system lacks an independent field to capture the specific equipment that failed. To fulfill this request, a team member would need to read the chronology of each outage which may or may not identify the specific equipment involved and which would take, on average, 0.5-1 hour per outage. There are nearly 99,000 outages resulting in an estimated total time ranging from 50,000 to 100,000 hours.

Attachment: None.

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.1c

Respondent: S. Deol

Page: 1 of 1

Question: 1. Refer to Case No. U-21297, the Company's discovery responses attachment labeled "U-21297 MNSCDE-2.3", and the supplemental attachment labeled "U-21297 MNSCDE-2.3 outages w Field Notes" which provided a spreadsheet of outages with a separate tab which provided the "Field Notes":

c. Also refer to refer to Case No. U-21534, Exhibit A-23 Schedule M13, starting at Page 17 of 26 which states, regarding Non-equipment Outage Reactive Cost, "In addition to asset failures causing outages, there are other causes for customer outages. The model uses the historical OMS data to estimate outages caused by Animals, Tree/Wind, Weather (lightning and ice), and other causes." Please add the necessary columns and show these additional causes to the spreadsheet provided in response to subparts (a) and (b) above.

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

See MNSCDE-3.1a.

Attachment: None.

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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NE23113000971	RESE0302	2023	2023-11-30 16:17:14	2023-12-01 02:41:26	1	624.2	EQUIPMENT FAILURE	Non-storm
SW23113000733	POPLR8805	2023	2023-11-30 16:40:36	2023-11-30 17:04:46	1	24.17	NO ISSUES FOUND	Non-storm
NE23113000924	SLAT2652	2023	2023-11-30 17:47:56	2023-11-30 17:50:55	1	7.98	WIND	Non-storm
SE23113000784	OUTDR1304	2023	2023-11-30 18:28:41	2023-11-30 19:58:30	16	1433.25	TREEBROW	Non-storm
SE23113001210	FAWN8755	2023	2023-11-30 18:28:42	2023-11-30 19:58:17	1	89.58	CUSTOMER EQUIPMENT	Non-storm
NE23113001119	FAWN8755	2023	2023-11-30 20:03:53	2023-11-30 22:47:12	200	35922.82	ANNUAL	Non-storm
NE23113001161	FAWN8755	2023	2023-11-30 20:03:53	2023-11-30 22:47:12	1	163.32	NO ISSUES FOUND	Non-storm
NE23113001198	FAWN8755	2023	2023-11-30 20:03:57	2023-11-30 22:46:20	1	162.38	NO ISSUES FOUND	Non-storm
SE23113001188	BLUMF0918	2023	2023-11-30 20:26:30	2023-11-30 22:17:04	15	1504.17	EQUIPMENT FAILURE	Non-storm
NW23113001395	LOM080603	2023	2023-11-30 21:01:35	2023-12-01 04:07:02	140	10180.03	EQUIPMENT FAILURE	Non-storm
SE23113000713	WSENO1038	2023	2023-11-30 21:24:21	2023-11-30 21:43:35	1	19.23	EQUIPMENT FAILURE	Non-storm
SE23113000851	EMPH2232	2023	2023-11-30 22:27:32	2023-11-30 22:50:59	1	23.45	EQUIPMENT FAILURE	Non-storm
NE23113001193	BISHP1755	2023	2023-11-30 22:51:14	2023-12-01 00:00:11	8	606.91	TROUBLE INTENTIONAL	Non-storm
NE23113001220	BISHP1755	2023	2023-11-30 22:51:19	2023-12-01 00:00:15	10	758.52	TROUBLE INTENTIONAL	Non-storm
NE23113001223	BISHP1755	2023	2023-11-30 22:51:22	2023-12-01 00:00:12	2	151.68	TROUBLE INTENTIONAL	Non-storm
NW231120100017	CHWR06130	2023	2023-12-01 02:56:09	2023-12-01 09:51:14	2	413.08	EQUIPMENT FAILURE	Non-storm
SW231120100016	WAYNE9366	2023	2023-12-01 03:07:06	2023-12-01 08:52:22	61	20705.09	ANNUAL	Non-storm
SW231120100754	WAYNE9366	2023	2023-12-01 03:07:24	2023-12-01 08:52:20	1	344.93	NO ISSUES FOUND	Non-storm
SW231120100077	DUBR08195	2023	2023-12-01 03:53:29	2023-12-01 12:26:32	1	513.05	NO ISSUES FOUND	Non-storm
SE23113000868	BVRL1865	2023	2023-12-01 06:38:04	2023-12-01 07:10:48	1	32.73	EQUIPMENT FAILURE	Non-storm
SW231120100040	POPLR8805	2023	2023-12-01 06:48:13	2023-12-01 08:06:24	14	1093.46	TREEBROW	Non-storm
NE231120100050	MELRO1455	2023	2023-12-01 06:56:51	2023-12-01 09:51:39	1	174.8	TREEBROW	Non-storm
SW231120100075	SALEM9926	2023	2023-12-01 07:16:15	2023-12-01 11:40:05	17	2071.48	TREEBROW	Non-storm
SW231120100064	SALEM9900	2023	2023-12-01 07:16:16	2023-12-01 11:39:59	25	3317.98	TREEBROW	Non-storm
SW231120100065	SALEM9926	2023	2023-12-01 07:16:16	2023-12-01 11:40:09	56	14765.55	EQUIPMENT FAILURE	Non-storm
SW231120100060	SALEM9900	2023	2023-12-01 07:16:17	2023-12-01 11:40:00	1	1504.85	TREEBROW	Non-storm
SW231120100576	SALEM9926	2023	2023-12-01 07:16:25	2023-12-01 11:40:07	1	263.7	NO ISSUES FOUND	Non-storm
SE231120100105	GRPT12053	2023	2023-12-01 07:45:39	2023-12-01 19:48:05	21	15167.28	TROUBLE INTENTIONAL	Non-storm
SW231120100100	DREK0306	2023	2023-12-01 07:46:29	2023-12-01 14:19:56	26	4792.41	EQUIPMENT FAILURE	Non-storm
SW231120100618	DREK0306	2023	2023-12-01 07:46:39	2023-12-01 14:29:23	1	402.73	NO ISSUES FOUND	Non-storm
SE23112002008	DIK0582	2023	2023-12-01 08:57:24	2023-12-01 09:07:04	1	9.67	EQUIPMENT FAILURE	Non-storm
SE231120100441	HLTRO958	2023	2023-12-01 09:06:18	2023-12-01 12:23:45	1	1597.45	TREEBROW	Non-storm
SE231120100113	GRDRV0453	2023	2023-12-01 09:17:29	2023-12-01 14:59:02	22	3620.91	EQUIPMENT FAILURE	Non-storm
SE231120100812	GRDRV0453	2023	2023-12-01 09:17:29	2023-12-01 14:50:21	1	332.87	WIND	Non-storm
SW231120100484	GRIL0333	2023	2023-12-01 09:37:47	2023-12-01 09:52:42	1	14.92	NO ISSUES FOUND	Non-storm
SW231120100164	GRIL2840	2023	2023-12-01 09:37:48	2023-12-01 09:53:03	4038	76331.17	NO CAUSE	Non-storm
SE231120100216	MCGRW1111	2023	2023-12-01 09:43:34	2023-12-01 10:40:08	1	56.57	PLANNED INTENTIONAL	Non-storm
NE231120100115	CHPW0409	2023	2023-12-01 09:44:09	2023-12-01 09:52:58	1	8.82	EQUIPMENT FAILURE	Non-storm
SW231120100142	HASK1624	2023	2023-12-01 10:26:40	2023-12-01 10:40:53	1	14.23	NO ISSUES FOUND	Non-storm
NW231120100469	BLUMF0911	2023	2023-12-01 10:27:35	2023-12-01 12:47:18	4	558.75	TREEBROW	Non-storm
SW231120100489	BLUMF0888	2023	2023-12-01 10:27:36	2023-12-01 12:47:18	1	139.7	TREEBROW	Non-storm
NW231120100486	BLUMF0911	2023	2023-12-01 10:27:37	2023-12-01 12:47:17	1	139.67	TREEBROW	Non-storm
NE231120100709	KANDON046	2023	2023-12-01 10:44:24	2023-12-01 17:00:02	1	440.13	EQUIPMENT FAILURE	Non-storm
SE23113000886	ANNO11373	2023	2023-12-01 10:44:24	2023-12-01 20:13:33	1	569.15	EQUIPMENT FAILURE	Non-storm
SW231120100499	PROS0306	2023	2023-12-01 10:50:42	2023-12-01 13:46:07	230	31246.97	TREEBROW	Non-storm
SW231120100133	BLUMF0911	2023	2023-12-01 11:35:49	2023-12-01 14:39:58	1	221.7	TREEBROW	Non-storm
SE231120100216	SYRAC1851	2023	2023-12-01 11:35:49	2023-12-01 11:33:21	13	224.49	EQUIPMENT FAILURE	Non-storm
NE231120100565	BOYNE8739	2023	2023-12-01 11:37:01	2023-12-01 13:42:58	1	145.95	EQUIPMENT FAILURE	Non-storm
NE231120100581	NBBL7844	2023	2023-12-01 11:37:03	2023-12-01 13:42:58	1	145.92	NO ISSUES FOUND	Non-storm
NE231120100601	BOYNE8739	2023	2023-12-01 11:37:06	2023-12-01 13:44:02	1	146.92	EQUIPMENT FAILURE	Non-storm
SE231120100589	CRIS2104	2023	2023-12-01 11:31:52	2023-12-01 12:35:47	1	1503.92	TREEBROW	Non-storm
SW231120100762	PROS0305	2023	2023-12-01 11:33:01	2023-12-01 13:46:15	6	773.58	EQUIPMENT FAILURE	Non-storm
SE231120100590	COLO0500	2023	2023-12-01 11:45:11	2023-12-01 03:00:00	1	1566.59	NO CAUSE	Non-storm
SE231120100460	HASH1119	2023	2023-12-01 11:49:36	2023-12-01 12:07:07	2	34.64	EQUIPMENT FAILURE	Non-storm
NE23113000340	STEPH0688	2023	2023-12-01 11:52:16	2023-12-01 13:07:41	4	301.64	EQUIPMENT FAILURE	Non-storm
SE23113000963	SVAC2000	2023	2023-12-01 11:56:40	2023-12-01 12:15:07	1	17.1	EQUIPMENT FAILURE	Non-storm
NE231120100705	YATE0311	2023	2023-12-01 12:01:27	2023-12-01 17:43:36	1	342.15	EQUIPMENT FAILURE	Non-storm
NE231120101018	NHAW0311	2023	2023-12-01 12:02:20	2023-12-01 20:05:59	1	483.65	EQUIPMENT FAILURE	Non-storm
SE231120100620	TRHM1255	2023	2023-12-01 12:16:23	2023-12-01 13:53:09	10	964.58	TREEBROW	Non-storm
SE231120100630	TRHM1255	2023	2023-12-01 12:16:23	2023-12-01 13:52:51	1	964.57	EQUIPMENT FAILURE	Non-storm
SE231120100622	TRHM1255	2023	2023-12-01 12:16:24	2023-12-01 13:53:09	13	1253.92	TREEBROW	Non-storm
SE231120100749	TRHM1255	2023	2023-12-01 12:16:39	2023-12-01 13:53:07	1	96.47	PLANNED INTENTIONAL	Non-storm
SW231120100780	HUTL0307	2023	2023-12-01 12:18:42	2023-12-01 19:49:32	1	651.33	EQUIPMENT FAILURE	Non-storm
NW231120100645	HURST9842	2023	2023-12-01 12:26:49	2023-12-01 17:19:55	2	515.61	EQUIPMENT FAILURE	Non-storm
SW231120100641	SUMTR9498	2023	2023-12-01 12:41:08	2023-12-01 18:26:22	96	23751.29	EQUIPMENT FAILURE	Non-storm
SW231120100903	ESV17021	2023	2023-12-01 12:42:55	2023-12-01 12:42:55	1	7.73	NO ISSUES FOUND	Non-storm
NW231120100776	WAT08854	2023	2023-12-01 13:25:37	2023-12-01 14:27:58	1	621.34	EQUIPMENT FAILURE	Non-storm
SE231120100649	WAYB2092	2023	2023-12-01 13:46:34	2023-12-01 14:56:25	1	43.2	EQUIPMENT FAILURE	Non-storm
SE231120100818	CNTY7823	2023	2023-12-01 14:09:31	2023-12-01 18:26:00	105	26900.85	EQUIPMENT FAILURE	Non-storm
SW231120100825	SPRU0874	2023	2023-12-01 14:11:38	2023-12-01 16:41:58	1	100.14	EQUIPMENT FAILURE	Non-storm
SW231120100829	SPRU0874	2023	2023-12-01 14:11:40	2023-12-01 16:41:50	1	150.27	EQUIPMENT FAILURE	Non-storm
NE231120100847	REDF02120	2023	2023-12-01 14:24:35	2023-12-01 14:41:15	1	16.67	EQUIPMENT FAILURE	Non-storm
NW231120100847	WAT08867	2023	2023-12-01 14:31:23	2023-12-01 15:16:44	1	86.2	TROUBLE INTENTIONAL	Non-storm
NW231120100855	SENC0834	2023	2023-12-01 14:44:45	2023-12-01 19:52:18	29	8907.79	EQUIPMENT FAILURE	Non-storm
SE23113000401	BERKY1957	2023	2023-12-01 14:44:51	2023-12-01 14:49:56	1	5.08	EQUIPMENT FAILURE	Non-storm
SE231120100902	KORT0204	2023	2023-12-01 15:38:41	2023-12-01 18:14:59	1	144.17	EQUIPMENT FAILURE	Non-storm
NE231120100446	EDGM1555	2023	2023-12-01 15:46:45	2023-12-01 16:03:42	1	16.95	METER / BLOCKS	Non-storm
SW231120100916	MALCON849	2023	2023-12-01 16:07:16	2023-12-01 20:16:52	44	10954.19	EQUIPMENT FAILURE	Non-storm
SW231120100971	TFAN9038	2023	2023-12-01 16:53:21	2023-12-01 18:09:57	5	7582.61	ANNUAL	Non-storm
NE231120100860	VICTR0699	2023	2023-12-01 17:21:08	2023-12-01 18:35:50	1	64.7	EQUIPMENT FAILURE	Non-storm
SW231120101007	PKRR0879	2023	2023-12-01 17:21:54	2023-12-01 18:56:18	4	377.14	NO ISSUES FOUND	Non-storm
NE231120101016	PKRR0879	2023	2023-12-01 17:21:54	2023-12-01 18:56:10	1	94.27	NO ISSUES FOUND	Non-storm
NE231120100986	PKRR0879	2023	2023-12-01 17:21:58	2023-12-01 18:56:16	174	16330.93	EQUIPMENT FAILURE	Non-storm
NE231120101026	PKRR0879	2023	2023-12-01 17:21:59	2023-12-01 18:56:16	1	94.28	NO ISSUES FOUND	Non-storm
NE231120101052	PKRR0879	2023	2023-12-01 17:21:59	2023-12-01 18:56:16	1	94.28	NO ISSUES FOUND	Non-storm
NE231120101044	PKRR0879	2023	2023-12-01 17:22:01	2023-12-01 18:56:18	1	94.28	NO ISSUES FOUND	Non-storm
NE231120101032	PKRR0879	2023	2023-12-01 17:22:03	2023-12-01 18:56:20	1	94.28	NO ISSUES FOUND	Non-storm
NE231120100998	PKRR0879	2023	2023-12-01 17:22:12	2023-12-01 18:56:30	2	188.56	NO ISSUES FOUND	Non-storm
SE23113001112	TRHM2093	2023	2023-12-01 17:37:42	2023-12-01 17:42:47	1	5.08	EQUIPMENT FAILURE	Non-storm
NE231120020129	WAB08797	2023	2023-12-01 18:09:57	2023-12-01 17:25:12	1	1345.25	EQUIPMENT FAILURE	Non-storm
SW231120100784	ELGIN18056	2023	2023-12-01 19:08:56	2023-12-01 20:42:54	23	2058.02	TREEBROW	Non-storm
NW231120100118	QTRN03122	2023	2023-12-01 19:14:12	2023-12-01 19:49:48	1	34.6	EQUIPMENT FAILURE	Non-storm
SE231120101004	REDF01363	2023	2023-12-01 19:20:48	2023-12-01 00:00:46	1	19	EQUIPMENT FAILURE	Non-storm
NE231120100966	WTCR721	2023	2023-12-01 19:34:11	2023-12-01 20:42:54	1	908.55	EQUIPMENT FAILURE	Non-storm
SW231120100815	ELGIN1830	2023	2023-12-01 19:45:01	2023-12-01 20:42:52	363	20753.53	TROUBLE INTENTIONAL	Non-storm
SE231120101108	FOX076	2023	2023-12-01 21:08:30	2023-12-01 22:15:09	24	21095.2	TREEBROW	Non-storm
SW231120101103	SPRU0874	2023	202					

NW2312000303	OTSG08762	2023	2023-12-02 11:15:10	2023-12-02 11:59:45	1	44.58	PLANNED INTENTIONAL	Non-storm
NW2312000300	WBLV62669	2023	2023-12-02 11:18:47	2023-12-02 12:20:10	1	40.38	PLANNED INTENTIONAL	Non-storm
NW2312000318	STER8442	2023	2023-12-02 11:18:50	2023-12-02 12:29:15	2	138.26	NO ISSUES FOUND	Non-storm
NW2312000312	BURLV0356	2023	2023-12-02 11:26:01	2023-12-02 12:27:30	6	367.81	PLANNED INTENTIONAL	Non-storm
NW2312000283	RICHM2415	2023	2023-12-02 11:29:09	2023-12-02 12:45:03	1	75.9	PLANNED INTENTIONAL	Non-storm
SE2312000321	SAVAN1086	2023	2023-12-02 11:31:19	2023-12-02 12:01:46	1	30.45	PLANNED INTENTIONAL	Non-storm
NW2312000327	SPNKE882	2023	2023-12-02 11:40:10	2023-12-02 12:12:24	4	128.24	PLANNED INTENTIONAL	Non-storm
SE2312000322	WBLV1932	2023	2023-12-02 11:42:51	2023-12-02 12:24:14	1	41.38	PLANNED INTENTIONAL	Non-storm
NW2312000330	BREW88840	2023	2023-12-02 11:51:42	2023-12-02 12:09:18	1	17.93	PLANNED INTENTIONAL	Non-storm
NW2312000355	SPNKE8842	2023	2023-12-02 12:11:41	2023-12-02 12:46:04	1	34.38	PLANNED INTENTIONAL	Non-storm
NW2312000352	SPNKE8842	2023	2023-12-02 12:11:44	2023-12-02 12:46:07	1	34.38	PLANNED INTENTIONAL	Non-storm
SE2312010993	FAMNT1593	2023	2023-12-02 12:22:29	2023-12-02 12:52:16	2	32.58	TREEROW	Non-storm
NW2312000433	MALR9387	2023	2023-12-02 12:34:36	2023-12-02 14:05:43	42	4198.04	EQUIPMENT FAILURE	Non-storm
SW2312000410	MALR9387	2023	2023-12-02 12:25:43	2023-12-02 14:04:45	1	99.03	NO CAUSE	Non-storm
SW2312000417	GARC7615	2023	2023-12-02 12:25:44	2023-12-02 14:05:43	1	99.98	NO ISSUES FOUND	Non-storm
SE2312000441	LYNC4227	2023	2023-12-02 12:34:20	2023-12-02 12:42:53	2	8.55	CUSTOMER EQUIPMENT	Non-storm
SW2312000372	WICK9346	2023	2023-12-02 12:36:47	2023-12-02 12:49:07	1	12.33	EQUIPMENT FAILURE	Non-storm
SW2312000369	WICK9346	2023	2023-12-02 12:36:48	2023-12-02 12:49:08	1	12.33	PLANNED INTENTIONAL	Non-storm
NE2312000377	BREW88840	2023	2023-12-02 13:00:55	2023-12-02 13:19:06	1	18.18	PLANNED INTENTIONAL	Non-storm
SE2312000205	KENE7267	2023	2023-12-02 13:05:39	2023-12-02 13:19:41	1	14.09	PLANNED INTENTIONAL	Non-storm
SE2312000302	BLTM8840	2023	2023-12-02 13:09:22	2023-12-02 13:20:11	1	10.82	TREEROW	Non-storm
SE2312002040	WBLV1932	2023	2023-12-02 13:42:22	2023-12-02 15:15:39	17	1580.55	PLANNED INTENTIONAL	Non-storm
SE2312000411	CLUFC836	2023	2023-12-02 13:44:26	2023-12-02 14:42:49	1	58.38	PLANNED INTENTIONAL	Non-storm
SE2312000418	STLUS136	2023	2023-12-02 13:51:39	2023-12-02 14:44:59	1	53.33	PLANNED INTENTIONAL	Non-storm
NE2312000402	STFR0910	2023	2023-12-02 13:56:13	2023-12-02 14:12:59	1	14.77	EQUIPMENT FAILURE	Non-storm
SE2312000178	GRANT5598	2023	2023-12-02 14:01:01	2023-12-02 14:21:56	1	16.92	TREEROW	Non-storm
NW2312000439	STKW4010	2023	2023-12-02 14:08:43	2023-12-02 15:50:13	1	101.5	PLANNED INTENTIONAL	Non-storm
SE2312000410	LYNC4227	2023	2023-12-02 14:16:50	2023-12-02 15:12:27	1	26.97	EQUIPMENT FAILURE	Non-storm
SE2312000264	MANR0388	2023	2023-12-02 14:21:58	2023-12-02 15:05:36	1	41.63	EQUIPMENT FAILURE	Non-storm
NW2312000438	SPNKE8842	2023	2023-12-02 14:24:11	2023-12-02 16:42:22	2	218.75	PLANNED INTENTIONAL	Non-storm
NE2312000446	RICHM2415	2023	2023-12-02 14:24:34	2023-12-02 14:36:54	1	12.33	PLANNED INTENTIONAL	Non-storm
NW2312000461	SPNKE8842	2023	2023-12-02 14:24:56	2023-12-02 15:07:06	1	42.17	PLANNED INTENTIONAL	Non-storm
NW2312000452	SPNKE8842	2023	2023-12-02 14:24:56	2023-12-02 15:11:25	1	400.72	PLANNED INTENTIONAL	Non-storm
NW2312000557	STKW4010	2023	2023-12-02 14:41:00	2023-12-02 15:50:17	1	69.28	EQUIPMENT FAILURE	Non-storm
NW2312000459	COD9542	2023	2023-12-02 14:54:47	2023-12-02 16:29:05	1	45.58	EQUIPMENT FAILURE	Non-storm
NE2312000516	ROBNR039	2023	2023-12-02 15:15:39	2023-12-02 19:05:13	2	228.9	ANNUAL	Non-storm
SE2312000482	COUL51402	2023	2023-12-02 15:17:54	2023-12-02 15:57:41	4	158.28	PLANNED INTENTIONAL	Non-storm
SW2312000134	ARGO0319	2023	2023-12-02 15:49:46	2023-12-02 16:07:28	1	17.7	EQUIPMENT FAILURE	Non-storm
SW2312000496	MALR9387	2023	2023-12-02 15:49:46	2023-12-02 16:07:28	24	1066.07	EQUIPMENT FAILURE	Non-storm
SE2312000424	EMPH2232	2023	2023-12-02 15:59:27	2023-12-02 16:02:28	1	12.06	TREEROW	Non-storm
SE2312000500	SKM11251	2023	2023-12-02 15:56:05	2023-12-02 17:23:42	9	786.78	TREEROW	Non-storm
NW2312000553	SINC4894	2023	2023-12-02 17:52:06	2023-12-02 22:23:29	68	16020.64	EQUIPMENT FAILURE	Non-storm
NW2312000643	HILL2190	2023	2023-12-02 18:09:01	2023-12-02 21:11:51	1	1425.85	EQUIPMENT FAILURE	Non-storm
SW2312000821	WILM8101	2023	2023-12-02 19:04:49	2023-12-05 08:06:17	2	91	EQUIPMENT FAILURE	Non-storm
SW2312000016	PTTY0381	2023	2023-12-03 02:00:38	2023-12-03 05:50:04	34	7520.35	EQUIPMENT FAILURE	Non-storm
SW2312000018	CRONW803	2023	2023-12-03 06:04:22	2023-12-03 05:50:03	23	229.37	EQUIPMENT FAILURE	Non-storm
NW2312000043	WAYNE9421	2023	2023-12-03 06:41:22	2023-12-03 08:12:34	233	21203.54	EQUIPMENT FAILURE	Non-storm
NW2312000060	PAGE8828	2023	2023-12-03 07:00:06	2023-12-03 09:56:03	2	330.04	EQUIPMENT FAILURE	Non-storm
SE2312000598	GSHY1216	2023	2023-12-03 07:01:58	2023-12-03 07:46:51	1	6.78	EQUIPMENT FAILURE	Non-storm
NW2312000618	WALN0324	2023	2023-12-03 07:57:04	2023-12-03 08:02:06	1	5.03	TREEROW	Non-storm
NW2312000381	WSHM0343	2023	2023-12-03 08:17:03	2023-12-03 10:57:33	31	4973.65	EQUIPMENT FAILURE	Non-storm
NW2312000392	WSHM0343	2023	2023-12-03 08:17:04	2023-12-03 10:57:32	2	320.9	EQUIPMENT FAILURE	Non-storm
NW2312000394	WSHM0343	2023	2023-12-03 08:17:05	2023-12-03 10:57:32	1	1281.5	EQUIPMENT FAILURE	Non-storm
NW2312000391	FLINT9784	2023	2023-12-03 08:24:29	2023-12-03 08:42:01	1	17.15	EQUIPMENT FAILURE	Non-storm
SE2312000504	DEINW1402	2023	2023-12-03 08:49:25	2023-12-03 09:13:26	1	23.95	NO ISSUES FOUND	Non-storm
SW2312000385	CRONW803	2023	2023-12-03 10:05:14	2023-12-03 12:01:04	1	121.67	EQUIPMENT FAILURE	Non-storm
NW2312000370	KENS19858	2023	2023-12-03 10:08:47	2023-12-03 13:08:02	10	1792.14	EQUIPMENT FAILURE	Non-storm
NE2312000591	RODL1756	2023	2023-12-03 10:10:15	2023-12-03 10:36:51	1	26.6	EQUIPMENT FAILURE	Non-storm
SE2312000177	CTNTH839	2023	2023-12-03 10:21:48	2023-12-03 11:14:00	1	50.4	NO ISSUES FOUND	Non-storm
SE2312000174	CTNTH839	2023	2023-12-03 10:20:51	2023-12-03 11:14:09	1	62.47	ANNUAL	Non-storm
SW2312000176	LIMA8992	2023	2023-12-03 10:27:28	2023-12-03 11:32:43	18	1167.12	EQUIPMENT FAILURE	Non-storm
SW2312000193	PODM7983	2023	2023-12-03 10:54:28	2023-12-03 11:21:45	9	243.27	PLANNED INTENTIONAL	Non-storm
SW2312000192	PERU9412	2023	2023-12-03 10:55:14	2023-12-03 14:24:18	23	157.6	EQUIPMENT FAILURE	Non-storm
NW2312000210	TINK8884	2023	2023-12-03 11:11:43	2023-12-03 13:24:54	23	3059.55	EQUIPMENT FAILURE	Non-storm
SW2312000058	PERU9440	2023	2023-12-03 11:22:23	2023-12-03 11:28:49	1	6.43	NO ISSUES FOUND	Non-storm
SW2312000444	PERU9441	2023	2023-12-03 11:22:41	2023-12-03 17:04:29	1	34.93	NO ISSUES FOUND	Non-storm
SE2312000241	ECOR52103	2023	2023-12-03 11:55:47	2023-12-04 06:41:11	1	1249.4	EQUIPMENT FAILURE	Non-storm
NW2312000312	DISCO8403	2023	2023-12-03 11:59:41	2023-12-03 12:13:09	1	13.47	CUSTOMER EQUIPMENT	Non-storm
NE2312000246	ARMAD8550	2023	2023-12-03 12:10:44	2023-12-03 14:16:09	80	10061.47	EQUIPMENT FAILURE	Non-storm
NW2312000277	BCLU9941	2023	2023-12-03 12:22:43	2023-12-03 13:16:09	1	53.43	EQUIPMENT FAILURE	Non-storm
NE2312000285	STEP8415	2023	2023-12-03 12:37:29	2023-12-04 11:46:06	1	1388.62	TREEROW	Non-storm
NW2312000312	WALN0324	2023	2023-12-03 13:19:09	2023-12-04 12:36:39	1	1397.5	EQUIPMENT FAILURE	Non-storm
SW2312000309	CRONW803	2023	2023-12-03 13:51:58	2023-12-03 18:03:18	1	153.92	EQUIPMENT FAILURE	Non-storm
SE2312000640	GRPT1355	2023	2023-12-03 13:59:29	2023-12-03 17:43:41	1	224.2	NO ISSUES FOUND	Non-storm
SW2312000978	PERU9432	2023	2023-12-03 14:09:42	2023-12-03 14:24:25	2173	31396.37	EQUIPMENT FAILURE	Non-storm
SW2312000308	MAK8B969	2023	2023-12-03 14:18:09	2023-12-03 16:25:20	2	1208.49	EQUIPMENT FAILURE	Non-storm
SW2312000416	DAYTN8105	2023	2023-12-03 14:17:13	2023-12-04 06:09:50	42	39955.04	EQUIPMENT FAILURE	Non-storm
SE2312000637	TRIM14136	2023	2023-12-03 14:19:06	2023-12-04 12:50:17	1	1351.18	TREEROW	Non-storm
SE2312000465	STRAC2017	2023	2023-12-03 14:27:04	2023-12-04 09:43:19	1	1156.25	TREEROW	Non-storm
NW2312000423	ORION9071	2023	2023-12-03 14:27:50	2023-12-03 20:57:05	1	889.25	EQUIPMENT FAILURE	Non-storm
NW2312000429	ORION9071	2023	2023-12-03 14:27:50	2023-12-03 20:58:01	2	779.54	ANNUAL	Non-storm
NW2312000432	ORION9071	2023	2023-12-03 14:28:04	2023-12-03 20:57:20	1	389.27	TREEROW	Non-storm
NE2312000421	HUNT8761	2023	2023-12-03 14:28:37	2023-12-03 16:45:01	1	270.12	EQUIPMENT FAILURE	Non-storm
NW2312000428	PAGE8828	2023	2023-12-03 14:29:18	2023-12-03 15:13:46	1	42.3	EQUIPMENT FAILURE	Non-storm
NW2312000459	PAGE8828	2023	2023-12-03 14:31:28	2023-12-03 15:13:46	1	188.27	EQUIPMENT FAILURE	Non-storm
SE2312000445	CTNTH9034	2023	2023-12-03 14:40:28	2023-12-03 20:33:08	1	8412.34	EQUIPMENT FAILURE	Non-storm
SE2312000407	CTNTH9034	2023	2023-12-03 14:42:35	2023-12-03 20:33:04	1	350.48	NO ISSUES FOUND	Non-storm
SE2312000436	HAPZ61208	2023	2023-12-03 14:46:47	2023-12-04 18:11:39	1	1644.53	TREEROW	Non-storm
SE2312000461	REDP1363	2023	2023-12-03 15:03:40	2023-12-03 17:11:56	23	2993.01	EQUIPMENT FAILURE	Non-storm
SE2312000491	HAWTH1289	2023	2023-12-03 15:25:04	2023-12-04 14:49:47	1	1604.36	EQUIPMENT FAILURE	Non-storm
SW2312000482	MALR9387	2023	2023-12-03 15:31:03	2023-12-03 19:45:16	229	26039.77	EQUIPMENT FAILURE	Non-storm
SW2312000583	HASK1627	2023	2023-12-03 15:34:50	2023-12-04 11:00:23	1	1165.55	NO ISSUES FOUND	Non-storm
SE2312000495	HAVER1047	2023	2023-12-03 15:46:12	2023-12-03 20:16:14	1	58527.53	EQUIPMENT FAILURE	Non-storm
NW2312000294	WVMS78021	2023	2023-12-03 15:55:00	2023-12-03 16:43:49	168	8321.42	EQUIPMENT FAILURE	Non-storm
SW2312000582	BLCR8001	2023	2023-12-03 16:01:41	2023-12-03 16:52:52	5	254.14	NO ISSUES FOUND	Non-storm
NE2312000589	KENS8485	2023	2023-12-03 16:08:23	2023-12-03 17:00:09	1	51.77	EQUIPMENT FAILURE	Non-storm
NW2312000599	NKXN8932	2023	2023-12-03 16:36:12	2023-12-04 07:32:04	2	1790.99	TREEROW	Non-storm
NE2312000322	PTHUR0291	2023	2023-12-03 16:57:41	2023-12-03 17:18:04				

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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NW23120400336	REDNR8555	2023	2023-12-04 10:48:15	2023-12-04 17:40:23	12	4945.46	ANIMAL	Non-storm
SW23120400285	ROMLS9464	2023	2023-12-04 10:48:23	2023-12-04 11:14:46	1	26.38	PLANNED INTENTIONAL	Non-storm
NW23120400329	OTSG08762	2023	2023-12-04 10:51:50	2023-12-04 10:57:20	1	5.42	PLANNED INTENTIONAL	Non-storm
SW23120400337	SHELDR185	2023	2023-12-04 10:51:55	2023-12-04 12:53:13	1	121.3	PUBLIC INTERFERENCE	Non-storm
NW23120400211	COLFNR186	2023	2023-12-04 10:53:15	2023-12-04 11:26:30	1	32.92	PLANNED INTENTIONAL	Non-storm
SW23120400333	PROSP0035	2023	2023-12-04 10:59:46	2023-12-04 12:23:31	1	83.75	PLANNED INTENTIONAL	Non-storm
SW23120400333	PERUB440	2023	2023-12-04 11:00:07	2023-12-04 12:14:51	5	372.71	PLANNED INTENTIONAL	Non-storm
SW23120400359	PERUB440	2023	2023-12-04 11:00:19	2023-12-04 12:14:51	1	74.53	PLANNED INTENTIONAL	Non-storm
SE23120400346	CDOL1402	2023	2023-12-04 11:00:46	2023-12-04 11:36:14	1	35.47	PLANNED INTENTIONAL	Non-storm
SW23120400567	REM09802	2023	2023-12-04 11:01:24	2023-12-04 14:40:30	1	217.1	ANIMAL	Non-storm
NW23120400367	SAVOB711	2023	2023-12-04 11:07:46	2023-12-04 12:26:34	2	153.23	PLANNED INTENTIONAL	Non-storm
NW23120400365	OTSG08762	2023	2023-12-04 11:21:05	2023-12-04 11:30:12	1	7.12	PLANNED INTENTIONAL	Non-storm
SW23120400388	RGENT0357	2023	2023-12-04 11:29:15	2023-12-04 13:03:04	1	76.68	PLANNED INTENTIONAL	Non-storm
NW23120400279	UNGLN1810	2023	2023-12-04 11:35:00	2023-12-04 13:43:36	4	514.28	PLANNED INTENTIONAL	Non-storm
NW23120400387	TCLAR8766	2023	2023-12-04 11:37:12	2023-12-04 13:58:41	5	707.13	PLANNED INTENTIONAL	Non-storm
NW23120400392	TCLAR8766	2023	2023-12-04 11:37:15	2023-12-04 13:58:41	1	141.43	EQUIPMENT FAILURE	Non-storm
NW23120400393	BREWRR840	2023	2023-12-04 11:40:44	2023-12-04 12:16:30	1	35.77	PLANNED INTENTIONAL	Non-storm
NW23120400457	COLFNR186	2023	2023-12-04 11:53:08	2023-12-04 13:30:33	1	67.42	PLANNED INTENTIONAL	Non-storm
NW23120400138	WUNU79013	2023	2023-12-04 11:57:45	2023-12-04 12:13:29	1	15.73	EQUIPMENT FAILURE	Non-storm
SE23120400412	WDSG02757	2023	2023-12-04 11:57:52	2023-12-04 13:17:40	1	78.9	PLANNED INTENTIONAL	Non-storm
SW23120400369	ROMLS9464	2023	2023-12-04 12:00:32	2023-12-04 12:14:56	1	14.4	PLANNED INTENTIONAL	Non-storm
SE23120400423	CORTU0476	2023	2023-12-04 12:06:17	2023-12-04 12:20:59	2	29.42	PLANNED INTENTIONAL	Non-storm
SE23120400425	WHITR1710	2023	2023-12-04 12:07:53	2023-12-04 12:38:12	2	60.62	PLANNED INTENTIONAL	Non-storm
NW23120400458	HURST9853	2023	2023-12-04 12:13:48	2023-12-04 13:15:43	1	61.92	ANIMAL	Non-storm
NW23120400465	BUNHT8110	2023	2023-12-04 12:22:04	2023-12-04 13:44:32	37	3045.2	EQUIPMENT FAILURE	Non-storm
SW23120400443	PROSP0035	2023	2023-12-04 12:27:45	2023-12-04 14:33:54	1	146.15	PLANNED INTENTIONAL	Non-storm
SW23120400474	ROMLS9464	2023	2023-12-04 12:35:53	2023-12-04 12:46:08	7	71.61	PLANNED INTENTIONAL	Non-storm
SE23120400557	UNCKN694	2023	2023-12-04 12:36:05	2023-12-04 14:19:03	49	3903.31	EQUIPMENT FAILURE	Non-storm
SW23120400489	SDM21273	2023	2023-12-04 12:39:24	2023-12-04 14:19:55	175	11297.83	TREEBROW	Non-storm
NW23120400553	GRAYL8540	2023	2023-12-04 12:49:38	2023-12-05 09:37:09	1	1247.52	EQUIPMENT FAILURE	Non-storm
SW23120400447	PERUB440	2023	2023-12-04 12:50:12	2023-12-04 13:52:29	1	62.28	PLANNED INTENTIONAL	Non-storm
NW23120400485	LAPPT7616	2023	2023-12-04 12:50:43	2023-12-04 13:24:47	1	34.07	PLANNED INTENTIONAL	Non-storm
SE23120400477	RGENT0357	2023	2023-12-04 12:54:40	2023-12-04 14:23:31	1	88.77	PLANNED INTENTIONAL	Non-storm
NW23120400527	LIBER1820	2023	2023-12-04 13:05:50	2023-12-04 20:05:17	22	9220.87	EQUIPMENT FAILURE	Non-storm
NW23120400526	LIBER1820	2023	2023-12-04 13:05:56	2023-12-04 20:05:15	18	7995.28	EQUIPMENT FAILURE	Non-storm
NW23120400531	LIBER1820	2023	2023-12-04 13:05:56	2023-12-04 20:05:15	1	1676.54	EQUIPMENT FAILURE	Non-storm
NW23120400528	LIBER1820	2023	2023-12-04 13:06:00	2023-12-04 20:05:08	1	419.13	EQUIPMENT FAILURE	Non-storm
NW23120400374	DERB7635	2023	2023-12-04 13:09:05	2023-12-04 13:21:28	1	12.38	NO ISSUES FOUND	Non-storm
NW23120400508	COLFNR186	2023	2023-12-04 13:09:34	2023-12-04 15:11:53	1	111.65	PLANNED INTENTIONAL	Non-storm
NW23120400448	SHADR1110	2023	2023-12-04 13:15:12	2023-12-04 13:31:52	1	16.6	PLANNED INTENTIONAL	Non-storm
SW23120400524	BLCKR011	2023	2023-12-04 13:17:40	2023-12-04 14:42:35	2	169.55	PLANNED INTENTIONAL	Non-storm
NW23120400548	OTSG08762	2023	2023-12-04 13:27:12	2023-12-04 14:10:25	1	43.22	PLANNED INTENTIONAL	Non-storm
SW23120400551	PERUB440	2023	2023-12-04 13:27:27	2023-12-04 14:03:19	1	120.83	PLANNED INTENTIONAL	Non-storm
NW23120400566	CAMNB282	2023	2023-12-04 13:53:33	2023-12-04 14:30:51	1	37.3	PLANNED INTENTIONAL	Non-storm
NW23120400596	FAWM7974	2023	2023-12-04 14:05:22	2023-12-04 15:23:51	34	2644.16	EQUIPMENT FAILURE	Non-storm
SE23120400575	NELVD2114	2023	2023-12-04 14:12:36	2023-12-04 16:23:07	2	217.62	PLANNED INTENTIONAL	Non-storm
SE23120400632	GLEND1513	2023	2023-12-04 14:33:30	2023-12-04 15:50:54	1	30.4	PLANNED INTENTIONAL	Non-storm
NW23120400404	SPNNE8842	2023	2023-12-04 14:40:05	2023-12-04 14:55:32	15	228.61	NO ISSUES FOUND	Non-storm
SW23120400624	PERUB440	2023	2023-12-04 15:05:54	2023-12-04 15:22:34	1	33.88	PLANNED INTENTIONAL	Non-storm
SE23120400658	COOLG1402	2023	2023-12-04 15:11:09	2023-12-04 16:11:26	10	599.02	PLANNED INTENTIONAL	Non-storm
NW23120300647	PAGE8828	2023	2023-12-04 15:41:48	2023-12-04 16:06:46	1	24.97	NO ISSUES FOUND	Non-storm
NW23120300772	PAGE8828	2023	2023-12-04 15:41:49	2023-12-04 16:06:47	1	24.97	EQUIPMENT FAILURE	Non-storm
SE23120300000	HUATW11841	2023	2023-12-04 16:14:33	2023-12-04 16:48:36	1	30.35	PLANNED INTENTIONAL	Non-storm
NW23120400642	BEACH8673	2023	2023-12-04 16:16:31	2023-12-04 21:32:26	77	5902.5	PUBLIC INTERFERENCE	Non-storm
NW23120300169	WALT07946	2023	2023-12-04 17:09:46	2023-12-04 12:22:33	1	1152.78	EQUIPMENT FAILURE	Non-storm
SE23120400143	ESTU0241	2023	2023-12-04 17:47:41	2023-12-04 17:53:13	1	5.48	NO ISSUES FOUND	Non-storm
SE23120400697	GORV1115	2023	2023-12-04 18:02:14	2023-12-04 18:20:04	22	387.16	TREEBROW	Non-storm
NW23120400148	LARD0873	2023	2023-12-04 18:29:37	2023-12-04 18:41:54	1	12.28	EQUIPMENT FAILURE	Non-storm
SE23120400794	SOLPD0904	2023	2023-12-04 19:11:42	2023-12-05 08:38:22	1	126.03	EQUIPMENT FAILURE	Non-storm
SE23120400864	EMPR2221	2023	2023-12-04 19:45:24	2023-12-04 20:50:16	1	64.49	NO ISSUES FOUND	Non-storm
SE23120300121	WEBST1812	2023	2023-12-04 19:58:40	2023-12-04 20:50:52	1	22.2	TREEBROW	Non-storm
SE23120400897	DCAT1271	2023	2023-12-04 20:34:36	2023-12-05 12:14:33	1	599.95	EQUIPMENT FAILURE	Non-storm
SE23120400830	BRAXL8827	2023	2023-12-04 21:26:17	2023-12-04 21:14:43	1	18.65	EQUIPMENT FAILURE	Non-storm
SE23120400530	HAYES2084	2023	2023-12-04 22:16:17	2023-12-04 22:36:22	1	17.08	EQUIPMENT FAILURE	Non-storm
SE23120500235	STUJ02030	2023	2023-12-05 00:25:41	2023-12-05 14:27:07	1	841.43	PUBLIC INTERFERENCE	Non-storm
SW23120500020	PRJX2874	2023	2023-12-05 00:28:28	2023-12-05 08:25:01	36	8046.59	EQUIPMENT FAILURE	Non-storm
SW23120500075	BNSTW9355	2023	2023-12-05 07:26:32	2023-12-05 10:44:54	1	198.37	EQUIPMENT FAILURE	Non-storm
NW23120500089	CASV18819	2023	2023-12-05 08:07:44	2023-12-05 09:36:41	16	1421.74	ANIMAL	Non-storm
NW23120500104	CONTR8875	2023	2023-12-05 08:25:06	2023-12-05 09:53:04	12	1052.04	ANIMAL	Non-storm
SE23120400390	ERNAL1503	2023	2023-12-05 09:24:55	2023-12-05 09:40:33	1	15.63	EQUIPMENT FAILURE	Non-storm
SE23120400798	TURNR1465	2023	2023-12-05 09:25:28	2023-12-05 09:35:38	1	10.17	EQUIPMENT FAILURE	Non-storm
NW23120500176	OTSG08762	2023	2023-12-05 09:32:27	2023-12-05 09:46:58	1	14.52	PLANNED INTENTIONAL	Non-storm
SE23120500175	ROMLS9464	2023	2023-12-05 09:34:54	2023-12-05 09:46:24	7	42.87	PLANNED INTENTIONAL	Non-storm
SE23120500187	PERUB1255	2023	2023-12-05 09:51:19	2023-12-05 11:19:01	12	523.68	PLANNED INTENTIONAL	Non-storm
SW23120500139	ROMLS9464	2023	2023-12-05 09:57:27	2023-12-05 10:24:32	2	54.04	PLANNED INTENTIONAL	Non-storm
NW23120500615	KAUJ09393	2023	2023-12-05 10:00:59	2023-12-05 19:38:21	1	517.17	CUSTOMER INTERFERENCE	Non-storm
NW23120500044	NARLR281	2023	2023-12-05 10:01:46	2023-12-05 11:20:03	1	40.66	ANIMAL	Non-storm
SE23120400559	BAJPR1262	2023	2023-12-05 10:06:38	2023-12-05 10:32:48	2	46.2	TREEBROW	Non-storm
NW23120500221	ALDGNR48	2023	2023-12-05 10:08:58	2023-12-05 17:05:20	1	832.36	ANIMAL	Non-storm
SW23120500245	PITTS6383	2023	2023-12-05 10:12:42	2023-12-05 10:49:49	1	37.12	PLANNED INTENTIONAL	Non-storm
SE23120500224	PULF02224	2023	2023-12-05 10:14:17	2023-12-05 12:31:59	39	4195.19	PLANNED INTENTIONAL	Non-storm
NW23120500239	WUNU79029	2023	2023-12-05 10:28:16	2023-12-06 02:20:23	1	595.12	PUBLIC INTERFERENCE	Non-storm
NW23120500236	WUNU79029	2023	2023-12-05 10:29:30	2023-12-06 02:17:44	1	1782.47	PUBLIC INTERFERENCE	Non-storm
SW23120500205	ROMLS9464	2023	2023-12-05 10:24:12	2023-12-05 10:33:28	19	171.42	PLANNED INTENTIONAL	Non-storm
SE23120500242	NELVD2114	2023	2023-12-05 10:35:39	2023-12-05 12:06:15	6	484.57	PLANNED INTENTIONAL	Non-storm
NW23120500233	ROMLS9464	2023	2023-12-05 10:39:28	2023-12-05 10:42:43	1	19.74	PLANNED INTENTIONAL	Non-storm
NW23120500238	ROMLS9464	2023	2023-12-05 10:40:38	2023-12-05 11:20:46	1	40.13	PLANNED INTENTIONAL	Non-storm
SE23120500260	PULF02155	2023	2023-12-05 10:51:29	2023-12-05 11:13:02	1	21.55	PLANNED INTENTIONAL	Non-storm
SE23120500283	PROSP0035	2023	2023-12-05 11:14:34	2023-12-05 13:13:19	4	474.46	PLANNED INTENTIONAL	Non-storm
SE23120500234	MCGRW1167	2023	2023-12-05 11:24:20	2023-12-05 17:20:54	612	29146.58	PUBLIC INTERFERENCE	Non-storm
SE23120500461	TURNR1144	2023	2023-12-05 11:26:21	2023-12-05 14:15:50	1	169.48	EQUIPMENT FAILURE	Non-storm
SE23120500156	PULF02111	2023	2023-12-05 11:37:01	2023-12-05 12:18:59	1	41.97	PLANNED INTENTIONAL	Non-storm
SE23120500068	GLEND1518	2023	2023-12-05 11:40:00	2023-12-05 12:59:42	1	78.67	EQUIPMENT FAILURE	Non-storm
SE23120500361	GNSTN1319	2023	2023-12-05 11:40:40	2023-12-05 12:38:26	1	57.77	PLANNED INTENTIONAL	Non-storm
SE23120500363	STOP1078	2023	2023-12-05 11:41:37	2023-12-05 13:24:34	1	102.95	PLANNED INTENTIONAL	Non-storm
SE23120500368	LAMB17456	2023	2023-12-05 11:47:05	2023-12-05 12:57:58	1	120.4	PLANNED INTENTIONAL	Non-storm
SE23120500413	LAMB17456	2023	2023-12-05 11:					

NW23120600233	HURST9853	2023	2023-12-06 10:09:29	2023-12-06 10:28:47	1	19.3	PLANNED INTENTIONAL	Non-storm
SE23120600280	GDRV1184	2023	2023-12-06 10:10:26	2023-12-06 10:49:03	1	38.62	PLANNED INTENTIONAL	Non-storm
SW23120600230	ROMLS9464	2023	2023-12-06 10:11:06	2023-12-06 10:20:15	3	27.41	PLANNED INTENTIONAL	Non-storm
SE23120600282	NRUN1567	2023	2023-12-06 10:22:15	2023-12-06 13:38:33	31	2531.44	TROUBLE INTENTIONAL	Non-storm
NW23120600283	LLVY120	2023	2023-12-06 10:23:49	2023-12-06 13:08:14	4	655.53	NO ISSUES FOUND	Non-storm
SW23120600287	ROMLS9464	2023	2023-12-06 10:32:09	2023-12-06 10:39:59	3	22.18	PLANNED INTENTIONAL	Non-storm
SE23120600305	INDRI4406	2023	2023-12-06 10:34:26	2023-12-06 12:54:36	12	1679.94	TROUBLE INTENTIONAL	Non-storm
SW23120600272	BLCKR0011	2023	2023-12-06 10:44:44	2023-12-06 11:25:25	2	79.95	PLANNED INTENTIONAL	Non-storm
SE23120600319	SVRAC1813	2023	2023-12-06 10:50:47	2023-12-06 11:57:31	26	1728.92	TROUBLE INTENTIONAL	Non-storm
NW23120600124	CAMDNR822	2023	2023-12-06 10:51:47	2023-12-06 11:42:43	1	88.42	EQUIPMENT FAILURE	Non-storm
NW23120600116	HURST9853	2023	2023-12-06 10:55:08	2023-12-06 11:02:09	1	7.02	PLANNED INTENTIONAL	Non-storm
NW23120600108	SPNNE8842	2023	2023-12-06 10:55:22	2023-12-06 11:18:41	1	23.32	PLANNED INTENTIONAL	Non-storm
NE23120600321	HABRP2403	2023	2023-12-06 10:55:26	2023-12-06 11:42:49	8	377.52	PLANNED INTENTIONAL	Non-storm
SW23120600299	ROMLS9464	2023	2023-12-06 11:07:32	2023-12-06 11:32:13	3	73.8	PLANNED INTENTIONAL	Non-storm
NW23120600331	HURST9853	2023	2023-12-06 11:08:05	2023-12-06 11:21:50	1	13.75	PLANNED INTENTIONAL	Non-storm
SW23120600336	SAUINR788	2023	2023-12-06 11:10:39	2023-12-06 11:22:18	1	34.86	PLANNED INTENTIONAL	Non-storm
NW23120600342	ADAMS9131	2023	2023-12-06 11:13:51	2023-12-06 12:29:19	2	150.51	PLANNED INTENTIONAL	Non-storm
SE23120600345	LAMBT4566	2023	2023-12-06 11:21:41	2023-12-06 12:08:43	1	47.03	PLANNED INTENTIONAL	Non-storm
NE23120600351	OTSG08762	2023	2023-12-06 11:23:18	2023-12-06 11:35:00	1	11.1	PLANNED INTENTIONAL	Non-storm
SE23120600301	ANGLA8862	2023	2023-12-06 11:24:33	2023-12-06 16:33:48	4	1316.76	PLANNED INTENTIONAL	Non-storm
NW23120600365	WDL0W9064	2023	2023-12-06 11:27:02	2023-12-06 12:32:37	1	65.58	PLANNED INTENTIONAL	Non-storm
SE23120600381	GNSTN1319	2023	2023-12-06 11:28:01	2023-12-06 12:49:44	1	81.72	PLANNED INTENTIONAL	Non-storm
SW23120600326	ROMLS9464	2023	2023-12-06 11:32:08	2023-12-06 11:49:15	1	68.87	PLANNED INTENTIONAL	Non-storm
NW23120600371	HURST9853	2023	2023-12-06 11:32:34	2023-12-06 11:40:13	1	7.65	PLANNED INTENTIONAL	Non-storm
SE23120600377	ANGLA8862	2023	2023-12-06 11:36:55	2023-12-06 18:45:49	11	4717.98	PLANNED INTENTIONAL	Non-storm
NW23120600392	ITERL8842	2023	2023-12-06 11:38:23	2023-12-06 12:08:12	1	29.82	PLANNED INTENTIONAL	Non-storm
SE23120600397	LAUDR1554	2023	2023-12-06 11:48:16	2023-12-06 12:42:11	1	53.92	PLANNED INTENTIONAL	Non-storm
SE23120600387	NVLVD2105	2023	2023-12-06 11:51:24	2023-12-06 13:38:57	1	107.55	PLANNED INTENTIONAL	Non-storm
SE23120600384	LNCHN0356	2023	2023-12-06 11:52:11	2023-12-06 13:01:29	1	69.3	PLANNED INTENTIONAL	Non-storm
NW23120600379	HURST9853	2023	2023-12-06 11:55:09	2023-12-06 12:09:04	1	13.92	PLANNED INTENTIONAL	Non-storm
SW23120600383	SAUINR788	2023	2023-12-06 12:04:40	2023-12-06 12:14:42	1	10.03	PLANNED INTENTIONAL	Non-storm
SE2312030648	GLEND2025	2023	2023-12-06 12:08:06	2023-12-06 12:18:00	1	9.9	EQUIPMENT FAILURE	Non-storm
SE23120600401	RNCHM2415	2023	2023-12-06 12:08:48	2023-12-06 13:42:42	1	92.5	PLANNED INTENTIONAL	Non-storm
NW23120600406	JEWEL9134	2023	2023-12-06 12:10:13	2023-12-06 14:07:46	2	234.85	ANIMAL	Non-storm
SE23120600443	WARENR874	2023	2023-12-06 12:21:55	2023-12-06 13:39:39	18	1558.36	ANIMAL	Non-storm
SW23120600409	CROWNR832	2023	2023-12-06 12:24:16	2023-12-06 13:09:14	1025	5672.74	PUBLIC INTERFERENCE	Non-storm
SW23120600455	CROWNR832	2023	2023-12-06 12:24:16	2023-12-06 13:09:14	38	2072.26	PUBLIC INTERFERENCE	Non-storm
SW23120600411	CROWNR832	2023	2023-12-06 12:34:21	2023-12-06 13:09:13	1	54.87	EQUIPMENT FAILURE	Non-storm
NW23120600446	HURST9853	2023	2023-12-06 12:31:28	2023-12-06 13:06:25	1	53.37	PLANNED INTENTIONAL	Non-storm
SE23120600469	GLEND2025	2023	2023-12-06 12:28:51	2023-12-06 14:08:50	1	103.98	PLANNED INTENTIONAL	Non-storm
SE23120600327	EVGRN1062	2023	2023-12-06 12:44:32	2023-12-06 18:53:44	11	2689.37	PUBLIC INTERFERENCE	Non-storm
SE23120600486	EVGRN1062	2023	2023-12-06 12:50:15	2023-12-06 16:48:00	18	1983.78	PUBLIC INTERFERENCE	Non-storm
NE23120600482	LIBER1066	2023	2023-12-06 12:50:18	2023-12-06 13:19:01	1	28.25	PLANNED INTENTIONAL	Non-storm
NW23120600586	WMSTN9857	2023	2023-12-06 12:52:02	2023-12-06 17:23:34	1	271.53	ANIMAL	Non-storm
SE23120600640	EVGRN1062	2023	2023-12-06 12:58:05	2023-12-06 16:24:44	1	120.64	PUBLIC INTERFERENCE	Non-storm
SW23120600495	ROMLS9464	2023	2023-12-06 13:06:26	2023-12-06 13:17:28	1	16.06	PLANNED INTENTIONAL	Non-storm
SE23120600508	BLCKR930	2023	2023-12-06 13:14:30	2023-12-06 13:21:58	1	7.47	PLANNED INTENTIONAL	Non-storm
SW23120600527	FRONT0063	2023	2023-12-06 13:19:51	2023-12-06 14:22:21	18	1115.18	NO CAUSE	Non-storm
SW23120600526	FRONT0063	2023	2023-12-06 13:19:55	2023-12-06 19:38:25	1	756.56	EQUIPMENT FAILURE	Non-storm
SE23120700382	EVGRN1062	2023	2023-12-06 13:20:50	2023-12-07 10:44:39	1	1283.82	EQUIPMENT FAILURE	Non-storm
NW23120600505	PERU9440	2023	2023-12-06 13:22:57	2023-12-06 14:39:34	3	79.54	PLANNED INTENTIONAL	Non-storm
NE23120600530	BRONC8593	2023	2023-12-06 13:24:40	2023-12-06 14:23:57	1	59.28	EQUIPMENT FAILURE	Non-storm
SE23120600524	TCOLA8766	2023	2023-12-06 13:30:34	2023-12-06 13:48:53	1	20.83	PLANNED INTENTIONAL	Non-storm
NE23120600524	SRGN7129	2023	2023-12-06 13:30:34	2023-12-06 14:30:55	1	60.35	PLANNED INTENTIONAL	Non-storm
NW23120600514	HURST9853	2023	2023-12-06 13:31:21	2023-12-06 13:56:25	2	44.33	PLANNED INTENTIONAL	Non-storm
NW23120600511	HURST9853	2023	2023-12-06 13:36:11	2023-12-06 13:50:55	1	14.71	PLANNED INTENTIONAL	Non-storm
SE23120600560	VNCH1412	2023	2023-12-06 13:54:55	2023-12-06 14:35:16	1	18.68	PLANNED INTENTIONAL	Non-storm
SE23120600410	GDRV1182	2023	2023-12-06 14:02:39	2023-12-06 14:13:31	1	32.63	EQUIPMENT FAILURE	Non-storm
SW23120600567	ENRCH2925	2023	2023-12-06 14:14:42	2023-12-06 14:55:38	1	41.27	PLANNED INTENTIONAL	Non-storm
SE23120600583	ALRCH0165	2023	2023-12-06 14:18:23	2023-12-06 14:55:19	97	3565.22	EQUIPMENT FAILURE	Non-storm
NW23120600597	SPNNE8842	2023	2023-12-06 14:35:52	2023-12-06 16:00:32	6	507.43	PLANNED INTENTIONAL	Non-storm
SE23120600603	CARTN0115	2023	2023-12-06 14:44:45	2023-12-06 17:49:59	9	1664.57	EQUIPMENT FAILURE	Non-storm
SW23120600604	CARTN0115	2023	2023-12-06 14:45:01	2023-12-06 17:50:42	1	75.78	NO ISSUES FOUND	Non-storm
NW23120600613	SPNNE8842	2023	2023-12-06 14:54:01	2023-12-06 15:13:40	11	213.91	PLANNED INTENTIONAL	Non-storm
SE23120600489	EVGRN1062	2023	2023-12-06 14:59:55	2023-12-06 16:47:56	7	754.58	PUBLIC INTERFERENCE	Non-storm
SE23120600492	EVGRN1062	2023	2023-12-06 14:59:56	2023-12-06 16:47:47	4	62.22	PUBLIC INTERFERENCE	Non-storm
SW23120700029	FSHBR188	2023	2023-12-06 15:03:14	2023-12-07 07:49:04	1	1005.83	ANIMAL	Non-storm
NW23120600629	CAMDNR822	2023	2023-12-06 15:16:69	2023-12-06 16:03:12	1	47.05	PLANNED INTENTIONAL	Non-storm
SE23120600720	SAVAN1116	2023	2023-12-06 15:40:21	2023-12-07 09:54:05	2	1186.33	METER / BLOCS	Non-storm
NW23120600399	NGXNR826	2023	2023-12-06 17:04:48	2023-12-06 17:21:52	1	7.47	PLANNED INTENTIONAL	Non-storm
NW23120600750	SPNNE8842	2023	2023-12-06 17:09:11	2023-12-06 17:23:38	8	114.68	TROUBLE INTENTIONAL	Non-storm
SW23120600739	FREDNR808	2023	2023-12-06 17:12:06	2023-12-06 18:17:27	6	86.02	EQUIPMENT FAILURE	Non-storm
SW23120600764	TAMRK9096	2023	2023-12-06 17:34:20	2023-12-06 17:59:50	77	25.5	NO ISSUES FOUND	Non-storm
NW23120600785	GENDA8216	2023	2023-12-06 18:35:06	2023-12-07 11:23:23	1	1008.28	EQUIPMENT FAILURE	Non-storm
SW23120600784	TAMRK9096	2023	2023-12-06 18:40:43	2023-12-06 19:46:09	1	888.65	EQUIPMENT FAILURE	Non-storm
SE23120600791	TRIMN1102	2023	2023-12-06 20:16:13	2023-12-06 20:47:30	1	31.28	EQUIPMENT FAILURE	Non-storm
SE23120600828	SAVAN1087	2023	2023-12-06 21:35:07	2023-12-07 11:07:10	1	812.05	TREEBROW	Non-storm
SE23120700114	SAVAN1340	2023	2023-12-06 22:25:15	2023-12-07 11:07:52	1	762.62	TREEBROW	Non-storm
SE23120600619	FRMNT1171	2023	2023-12-06 22:27:42	2023-12-06 23:09:11	12	604.49	THEFT	Non-storm
SE23120600839	FRMNT1171	2023	2023-12-06 22:27:42	2023-12-06 23:09:10	2	82.95	EQUIPMENT FAILURE	Non-storm
NW23120600598	INWH02679	2023	2023-12-06 22:47:16	2023-12-06 22:55:48	1	8.53	EQUIPMENT FAILURE	Non-storm
SW23120700021	ACME9499	2023	2023-12-07 01:34:51	2023-12-07 03:34:33	1	119.7	EQUIPMENT FAILURE	Non-storm
SW23120700011	ACME9499	2023	2023-12-07 01:34:52	2023-12-07 03:34:44	481	57652.57	EQUIPMENT FAILURE	Non-storm
SW23120700016	OKRDR9673	2023	2023-12-07 01:34:52	2023-12-07 03:34:33	1	119.68	NO ISSUES FOUND	Non-storm
SW23120700019	ACME9499	2023	2023-12-07 01:34:53	2023-12-07 03:34:43	1	1336.5	PLANNED INTENTIONAL	Non-storm
SE23120600787	GARY1151	2023	2023-12-07 03:27:35	2023-12-07 03:35:20	1	7.75	EQUIPMENT FAILURE	Non-storm
SE23120600801	GLEND2025	2023	2023-12-07 05:28:32	2023-12-07 05:34:28	1	5.93	PLANNED INTENTIONAL	Non-storm
SE23120700436	BLCKR0011	2023	2023-12-07 07:55:26	2023-12-07 17:21:51	1	565.78	EQUIPMENT FAILURE	Non-storm
SW23120700556	BLCKR0011	2023	2023-12-07 07:55:57	2023-12-07 17:21:50	25	433.02	ANIMAL	Non-storm
NW23120700664	BLCKR0011	2023	2023-12-07 07:55:58	2023-12-07 17:21:51	2	1331.76	NO ISSUES FOUND	Non-storm
NE23120700071	VERNR2043	2023	2023-12-07 08:02:13	2023-12-07 09:46:14	1	104.02	TREEBROW	Non-storm
SE23120700071	GNSTN0444	2023	2023-12-07 08:03:22	2023-12-07 09:25:38	1	96.2	PLANNED INTENTIONAL	Non-storm
SE23120600800	ATLAS3704	2023	2023-12-07 08:43:00	2023-12-07 09:01:07	1	18.12	EQUIPMENT FAILURE	Non-storm
NW23120700037	ITERL8435	2023	2023-12-07 08:48:21	2023-12-07 09:26:32	1	38.18	PUBLIC INTERFERENCE	Non-storm
NE23120700093	LIBER1066	2023	2023-12-07 08:49:56	2023-12-07 09:33:48	1	74.92	PLANNED INTENTIONAL	Non-storm
NW23120700094	WLNJN7907	2023	2023-12-07 08:56:26	2023-12-07 11:55:14	6	1069.2	ANIMAL	Non-storm
NW23120700105	TRFPR0903	2023	202					

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SW23120700464	PROSP0306	2023	2023-12-07 12:29:27	2023-12-07 15:05:21	6	932.96	EQUIPMENT FAILURE	Non-storm
SE23120700466	GRPT13355	2023	2023-12-07 12:32:20	2023-12-08 11:31:49	1	1379.48	EQUIPMENT FAILURE	Non-storm
NW23120700452	HURST9853	2023	2023-12-07 12:35:35	2023-12-07 12:43:59	1	10.4	PLANNED INTENTIONAL	Non-storm
NE23120700455	TCOLAR866	2023	2023-12-07 12:36:18	2023-12-07 12:44:41	1	8.38	PLANNED INTENTIONAL	Non-storm
SW23120700477	CALL49923	2023	2023-12-07 12:42:41	2023-12-07 15:05:38	1	142.95	EQUIPMENT FAILURE	Non-storm
NW23120700457	HURST9853	2023	2023-12-07 12:43:06	2023-12-07 12:32:56	1	40.83	PLANNED INTENTIONAL	Non-storm
NW23120700471	BART14032	2023	2023-12-07 12:55:54	2023-12-07 13:52:41	19	1076.77	PLANNED INTENTIONAL	Non-storm
SE23120700498	NVLVD2105	2023	2023-12-07 13:07:21	2023-12-07 13:55:19	11	524.95	PLANNED INTENTIONAL	Non-storm
SE23120700482	SRGN71929	2023	2023-12-07 13:11:21	2023-12-07 13:41:23	1	30.03	PLANNED INTENTIONAL	Non-storm
SE23120700406	DALV9562	2023	2023-12-07 13:11:45	2023-12-07 13:40:18	1	28.55	EQUIPMENT FAILURE	Non-storm
NW23120700563	BREW89229	2023	2023-12-07 13:24:51	2023-12-07 17:26:16	1	241.42	ANIMAL	Non-storm
NW23120700509	HURST9853	2023	2023-12-07 13:35:01	2023-12-07 13:47:32	1	12.52	PLANNED INTENTIONAL	Non-storm
SW23120700514	PERU8440	2023	2023-12-07 13:37:24	2023-12-07 14:15:54	8	504.48	EQUIPMENT FAILURE	Non-storm
NE23120700489	OTSG08762	2023	2023-12-07 13:37:46	2023-12-07 14:10:39	1	32.88	PLANNED INTENTIONAL	Non-storm
NW23120700516	CLSK89009	2023	2023-12-07 13:39:10	2023-12-07 16:03:39	17	2441.37	EQUIPMENT FAILURE	Non-storm
SW23120700521	THQV95150	2023	2023-12-07 13:43:16	2023-12-07 15:06:39	43	3579.09	ANIMAL	Non-storm
NE23120800262	SAVOY8714	2023	2023-12-07 13:44:05	2023-12-08 11:48:22	22	5152.57	ANIMAL	Non-storm
NW23120700533	HURST9853	2023	2023-12-07 13:59:58	2023-12-07 14:23:09	2	46.34	PLANNED INTENTIONAL	Non-storm
SE23120700541	GLN62025	2023	2023-12-07 14:08:58	2023-12-07 14:47:56	1	42.63	PLANNED INTENTIONAL	Non-storm
SW23120700538	GLBR79381	2023	2023-12-07 14:07:19	2023-12-07 14:13:37	1	6.3	PLANNED INTENTIONAL	Non-storm
NW23120700699	CODY9542	2023	2023-12-07 14:10:12	2023-12-07 19:21:40	1	311.47	NO ISSUES FOUND	Non-storm
SW23120700556	GLBR79373	2023	2023-12-07 14:15:46	2023-12-07 15:31:42	22	1609.46	PLANNED INTENTIONAL	Non-storm
NW23120700554	HURST9853	2023	2023-12-07 14:20:20	2023-12-07 15:04:09	1	43.87	PLANNED INTENTIONAL	Non-storm
NW23120700567	EULCD9065	2023	2023-12-07 14:22:47	2023-12-07 16:53:11	24	3590.46	EQUIPMENT FAILURE	Non-storm
SW23120700548	PERU8440	2023	2023-12-07 14:25:07	2023-12-07 15:26:34	5	307.12	PLANNED INTENTIONAL	Non-storm
NW23120700566	STKM4030	2023	2023-12-07 14:28:01	2023-12-07 15:36:41	1	50.17	PLANNED INTENTIONAL	Non-storm
NE23120700575	MTCLM0306	2023	2023-12-07 14:36:44	2023-12-07 16:18:19	33	3350.33	ANIMAL	Non-storm
SE23120700545	SRGN79129	2023	2023-12-07 14:36:51	2023-12-07 15:18:36	1	41.75	PLANNED INTENTIONAL	Non-storm
SW23120700591	GLAU96073	2023	2023-12-07 14:39:45	2023-12-08 09:18:17	13	2245.18	ANIMAL	Non-storm
GR23120700580	GR2V2220	2023	2023-12-07 15:03:40	2023-12-07 16:24:53	2	155.85	PLANNED INTENTIONAL	Non-storm
NW23120700600	SPNNE8842	2023	2023-12-07 15:05:08	2023-12-07 15:32:48	5	137.9	PLANNED INTENTIONAL	Non-storm
NW23120700626	CRWF08312	2023	2023-12-07 15:08:22	2023-12-07 21:40:44	4	1401.46	EQUIPMENT FAILURE	Non-storm
SE23120700278	PRGR91555	2023	2023-12-07 15:16:56	2023-12-07 16:16:30	1	10.57	PLANNED INTENTIONAL	Non-storm
NE23120700677	REDR85555	2023	2023-12-07 16:57:36	2023-12-07 17:36:07	14	539.16	EQUIPMENT FAILURE	Non-storm
NW23120700678	NKXM9892	2023	2023-12-07 16:57:52	2023-12-07 18:40:05	10	1019.8	EQUIPMENT FAILURE	Non-storm
NW23120700681	NKXM9141	2023	2023-12-07 17:07:53	2023-12-07 19:29:12	687	96521.08	PUBLIC INTERFERENCE	Non-storm
NW23120700796	NKXM9141	2023	2023-12-07 17:07:56	2023-12-07 19:18:19	1	1.03	PUBLIC INTERFERENCE	Non-storm
NW23120700799	NKXM9141	2023	2023-12-07 17:08:03	2023-12-07 19:18:26	1	130.38	NO ISSUES FOUND	Non-storm
NW23120700799	CDML49534	2023	2023-12-07 17:15:12	2023-12-07 18:47:27	1	1012.83	EQUIPMENT FAILURE	Non-storm
SW23120700715	MACCN0849	2023	2023-12-07 17:26:15	2023-12-07 20:33:18	69	12707.54	PUBLIC INTERFERENCE	Non-storm
SW23120700791	MACCN0849	2023	2023-12-07 17:56:54	2023-12-07 20:33:22	25	2947.23	PUBLIC INTERFERENCE	Non-storm
SE23120800498	REDF01285	2023	2023-12-07 18:29:06	2023-12-08 22:30:34	1	1681.47	EQUIPMENT FAILURE	Non-storm
NW23120700801	EULCD9084	2023	2023-12-07 18:49:09	2023-12-07 22:42:01	1	1548.1	PLANNED INTENTIONAL	Non-storm
NW23120700804	EULCD9084	2023	2023-12-07 19:49:10	2023-12-07 22:41:07	1	171.95	NO ISSUES FOUND	Non-storm
SE23120700841	TRMR1156	2023	2023-12-07 21:51:45	2023-12-08 02:47:09	1	295.4	EQUIPMENT FAILURE	Non-storm
SE23120700868	OMMAH8213	2023	2023-12-07 23:23:23	2023-12-08 04:04:08	1	1838.85	EQUIPMENT FAILURE	Non-storm
NE23120800032	SULVU2644	2023	2023-12-08 00:15:17	2023-12-08 09:16:55	1	541.63	TREEBROW	Non-storm
NE23120800045	SULVU2644	2023	2023-12-08 00:15:21	2023-12-08 09:16:59	1	541.63	TREEBROW	Non-storm
NE23120800027	SULVU2644	2023	2023-12-08 00:15:23	2023-12-08 09:17:01	1	541.63	TREEBROW	Non-storm
NE23120800031	SULVU2644	2023	2023-12-08 00:15:26	2023-12-08 09:17:03	1	541.62	TREEBROW	Non-storm
NE23120800006	SULVU2644	2023	2023-12-08 00:26:27	2023-12-08 08:32:18	1	525.43	TREEBROW	Non-storm
NE23120800007	SULVU2644	2023	2023-12-08 00:26:27	2023-12-08 08:32:18	1	525.43	TREEBROW	Non-storm
SW23120800016	MOTT17969	2023	2023-12-08 00:32:19	2023-12-08 11:37:39	64	1608.55	EQUIPMENT FAILURE	Non-storm
NE23120800127	CHTS75804	2023	2023-12-08 05:32:10	2023-12-08 16:31:42	2	1338.7	EQUIPMENT FAILURE	Non-storm
NE23120800041	MILTR8801	2023	2023-12-08 05:37:23	2023-12-08 12:58:54	1	394.6	EQUIPMENT FAILURE	Non-storm
SE23120800062	BLTM8340	2023	2023-12-08 09:27:38	2023-12-08 22:37:54	1	600.27	EQUIPMENT FAILURE	Non-storm
SW23120800067	DEWY8085	2023	2023-12-08 08:13:10	2023-12-08 10:03:49	12	1325.54	EQUIPMENT FAILURE	Non-storm
NE23120800069	NMNA2492	2023	2023-12-08 08:25:48	2023-12-08 09:46:04	1	80.27	PLANNED INTENTIONAL	Non-storm
NW23120800065	JEWL8366	2023	2023-12-08 08:29:44	2023-12-08 12:49:17	1	559.65	ANIMAL	Non-storm
SE23120800079	LAUDJ2772	2023	2023-12-08 08:32:15	2023-12-08 10:41:13	1	128.97	PLANNED INTENTIONAL	Non-storm
NW23120800107	BRONC8544	2023	2023-12-08 08:38:14	2023-12-08 09:42:19	7	446.91	EQUIPMENT FAILURE	Non-storm
NW23120800088	BRONC8544	2023	2023-12-08 08:38:15	2023-12-08 09:42:04	1	63.82	ANIMAL	Non-storm
NE23120800450	MTMR4035	2023	2023-12-08 08:38:52	2023-12-08 16:46:50	1	687.87	PLANNED INTENTIONAL	Non-storm
NW23120800082	HURST9853	2023	2023-12-08 08:38:52	2023-12-08 08:55:04	1	16.2	PLANNED INTENTIONAL	Non-storm
NW23120800104	STKM4030	2023	2023-12-08 08:51:33	2023-12-08 10:50:30	1	118.95	PLANNED INTENTIONAL	Non-storm
SE23120800102	ORNL01695	2023	2023-12-08 09:00:15	2023-12-08 10:08:15	1	66.47	PLANNED INTENTIONAL	Non-storm
NW23120800121	ORION9080	2023	2023-12-08 09:02:13	2023-12-08 10:13:29	10	704.99	EQUIPMENT FAILURE	Non-storm
NE23120800109	TCOLAR866	2023	2023-12-08 09:02:15	2023-12-08 09:25:05	1	22.83	PLANNED INTENTIONAL	Non-storm
NW23120800152	ORION9080	2023	2023-12-08 09:02:18	2023-12-08 10:12:37	1	70.32	NO ISSUES FOUND	Non-storm
NW23120800106	HURST9853	2023	2023-12-08 09:03:32	2023-12-08 09:47:15	2	87.42	PLANNED INTENTIONAL	Non-storm
SE23120800111	GR2V2220	2023	2023-12-08 09:11:12	2023-12-08 09:59:47	1	48.58	PLANNED INTENTIONAL	Non-storm
SE23120800131	SPNNE8842	2023	2023-12-08 09:11:28	2023-12-08 09:29:46	1	18.31	PLANNED INTENTIONAL	Non-storm
SE23120800035	STLUS223	2023	2023-12-08 09:16:28	2023-12-08 10:35:29	1	80.71	PLANNED INTENTIONAL	Non-storm
NW23120800133	HURST9853	2023	2023-12-08 09:20:07	2023-12-08 09:37:40	1	17.55	PLANNED INTENTIONAL	Non-storm
NE23120800135	GOLF8531	2023	2023-12-08 09:20:47	2023-12-08 10:08:04	49	2309.88	ANIMAL	Non-storm
NE23120800138	BCNM2415	2023	2023-12-08 09:20:47	2023-12-08 11:21:39	1	116.42	PLANNED INTENTIONAL	Non-storm
NE23120800146	MACMB8521	2023	2023-12-08 09:29:18	2023-12-08 16:04:25	1	790.22	ANIMAL	Non-storm
SE23120800449	WAYBN2092	2023	2023-12-08 09:30:15	2023-12-08 15:47:00	1	376.75	EQUIPMENT FAILURE	Non-storm
NE23120800441	PHW40325	2023	2023-12-08 09:32:57	2023-12-08 10:45:28	1	72.52	PLANNED INTENTIONAL	Non-storm
SE23120800140	LAUDJ2772	2023	2023-12-08 09:40:50	2023-12-08 12:15:51	26	4025.73	PLANNED INTENTIONAL	Non-storm
NW23120800154	STKM4030	2023	2023-12-08 09:43:07	2023-12-08 10:18:53	1	35.77	PLANNED INTENTIONAL	Non-storm
SE23120800180	NVLVD2105	2023	2023-12-08 09:46:22	2023-12-08 10:35:37	9	442.49	PLANNED INTENTIONAL	Non-storm
SW23120800168	RJML5464	2023	2023-12-08 09:48:21	2023-12-08 10:42:29	1	122.62	PLANNED INTENTIONAL	Non-storm
NW23120800160	CAMBN8276	2023	2023-12-08 09:48:31	2023-12-08 10:46:44	1	57.22	PLANNED INTENTIONAL	Non-storm
NW23120800162	STKM4030	2023	2023-12-08 09:49:31	2023-12-08 10:43:48	1	54.28	PLANNED INTENTIONAL	Non-storm
NW23120800171	SPNNE8842	2023	2023-12-08 09:51:58	2023-12-08 10:24:10	1	26.2	TROUBLE INTENTIONAL	Non-storm
SE23120800178	GNSTN1319	2023	2023-12-08 10:00:10	2023-12-08 11:48:54	6	632.41	PLANNED INTENTIONAL	Non-storm
SW23120800184	PHEN9804	2023	2023-12-08 10:00:41	2023-12-08 12:36:05	18	5900.45	PUBLIC INTERFERENCE	Non-storm
SE23120800137	NVLVD2105	2023	2023-12-08 10:01:34	2023-12-08 11:27:47	1	81.77	PLANNED INTENTIONAL	Non-storm
NW23120800183	HURST9853	2023	2023-12-08 10:10:28	2023-12-08 10:20:50	1	10.37	PLANNED INTENTIONAL	Non-storm
SE23120800191	GR2V2220	2023	2023-12-08 10:13:30	2023-12-08 10:53:28	1	39.97	PLANNED INTENTIONAL	Non-storm
SE23120800209	DISC08627	2023	2023-12-08 10:14:42	2023-12-08 10:51:59	20	741.14	ANIMAL	Non-storm
NE23120800207	OTSG08762	2023	2023-12-08 10:16:22	2023-12-08 11:17:40	1	162.35	PLANNED INTENTIONAL	Non-storm
SE23120800216	GNSTN1319	2023	2023-12-08 10:21:51	2023-12-08 14:14:34	10	2324.45	PLANNED INTENTIONAL	Non-storm
SE23120800200	GNSTN1319	2023	2023-12-08 10:21:55	2023-12-08 14:14:21	1	232.43	PLANNED INTENTIONAL	Non-storm
SE23120800219	GNSTN1319	2023	2023-12-08 10:24:09	2023-12-08 10:24:40	1	28.52	PLANNED INTENTIONAL	Non-storm
NW2312080027								

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NW21210800484	HURST9853	2023	2023-12-08 14:17:46	2023-12-08 14:22:56	1	5.17	PLANNED INTENTIONAL	Non-storm
NW21210800509	HURST9853	2023	2023-12-08 14:50:31	2023-12-08 15:11:27	1	20.93	PLANNED INTENTIONAL	Non-storm
SE23120800526	DUXO22	2023	2023-12-08 15:00:34	2023-12-08 15:57:13	11	60.91	PLANNED INTENTIONAL	Non-storm
NE23120800608	PNGV0324	2023	2023-12-08 16:52:25	2023-12-08 17:14:00	10	214.64	EQUIPMENT FAILURE	Non-storm
SE23120800626	ALFR08254	2023	2023-12-08 17:24:58	2023-12-08 17:37:14	1	12.27	EQUIPMENT FAILURE	Non-storm
SE23120800613	STOP2231	2023	2023-12-08 17:30:45	2023-12-08 19:27:20	1	117.58	EQUIPMENT FAILURE	Non-storm
NW23120800483	SPNKE882	2023	2023-12-08 17:45:53	2023-12-08 18:28:37	1	46.73	EQUIPMENT FAILURE	Non-storm
SE23120800653	MDT98351	2023	2023-12-08 18:19:51	2023-12-08 19:46:10	1	86.32	NO ISSUES FOUND	Non-storm
NE23120800630	STCL0803	2023	2023-12-08 20:25:30	2023-12-09 00:02:49	1	217.32	EQUIPMENT FAILURE	Non-storm
SE23120800494	SCOTT9011	2023	2023-12-08 20:30:35	2023-12-08 20:58:54	1	28.32	EQUIPMENT FAILURE	Non-storm
NW21210800605	CLSKS0909	2023	2023-12-08 21:18:52	2023-12-09 01:16:06	47	2508.57	TROUBLE INTENTIONAL	Non-storm
NE23120800651	MLRLO1466	2023	2023-12-08 21:29:55	2023-12-08 21:51:30	1	21.58	EQUIPMENT FAILURE	Non-storm
SE23120800773	VERNE1503	2023	2023-12-08 21:46:29	2023-12-09 14:49:34	1	603.28	EQUIPMENT FAILURE	Non-storm
NE23120800078	BERND2613	2023	2023-12-09 05:44:40	2023-12-09 12:48:23	1	423.72	EQUIPMENT FAILURE	Non-storm
SW21210800592	TAHOE9511	2023	2023-12-09 05:49:48	2023-12-09 18:10:36	20	7600.84	NO ISSUES FOUND	Non-storm
SE23120800405	APPOL1142	2023	2023-12-09 06:25:25	2023-12-09 14:24:42	1	452.28	TREEBROW	Non-storm
NE23120800509	ELBA0302	2023	2023-12-09 07:47:20	2023-12-09 10:58:17	1	190.95	EQUIPMENT FAILURE	Non-storm
NW21210800702	BHAM1930	2023	2023-12-09 08:08:14	2023-12-09 08:17:46	1	9.53	EQUIPMENT FAILURE	Non-storm
SW21210800616	BLCKR011	2023	2023-12-09 08:15:13	2023-12-09 10:47:34	28	4259.76	EQUIPMENT FAILURE	Non-storm
SW23120800194	SGLU0812	2023	2023-12-09 08:27:29	2023-12-09 15:21:00	1	203.75	METER / BLOCKS	Non-storm
NW23120800088	CLSKS860	2023	2023-12-09 08:42:22	2023-12-09 11:28:55	1	166.55	ANIMAL	Non-storm
SW23120800080	PERU9441	2023	2023-12-09 08:44:16	2023-12-08 08:49:36	6	30.75	PLANNED INTENTIONAL	Non-storm
NW23120800074	DILDI1655	2023	2023-12-09 08:51:14	2023-12-09 09:45:26	1	55.2	PLANNED INTENTIONAL	Non-storm
NW23120800089	LOMR0600	2023	2023-12-09 08:54:49	2023-12-09 09:03:43	1	8.9	EQUIPMENT FAILURE	Non-storm
SE23120800175	WMBST1932	2023	2023-12-09 08:57:47	2023-12-09 09:58:50	1	61.05	NO ISSUES FOUND	Non-storm
NW21210800102	SPNKE882	2023	2023-12-09 09:00:40	2023-12-09 09:48:21	1	632.23	EQUIPMENT FAILURE	Non-storm
NW23120800116	SPNKE882	2023	2023-12-09 09:59:44	2023-12-09 09:48:21	2	96.94	EQUIPMENT FAILURE	Non-storm
NE23120800100	PNGV0325	2023	2023-12-09 09:02:58	2023-12-09 09:44:11	1	41.22	PLANNED INTENTIONAL	Non-storm
NE23120800170	SAVO9714	2023	2023-12-09 09:12:27	2023-12-09 10:06:11	10	556.32	ANIMAL	Non-storm
NE23120800174	SAVO9714	2023	2023-12-09 09:10:38	2023-12-09 10:06:11	1	55.63	ANIMAL	Non-storm
SE23120800164	GNSTN0444	2023	2023-12-09 09:14:17	2023-12-09 10:51:43	2	194.88	PLANNED INTENTIONAL	Non-storm
SE23120800169	PLUFD0419	2023	2023-12-09 09:15:20	2023-12-09 11:39:21	1	144.02	PLANNED INTENTIONAL	Non-storm
SW21210800105	OMAH4840	2023	2023-12-09 09:19:27	2023-12-09 11:15:59	1	112.53	PLANNED INTENTIONAL	Non-storm
SW23120800177	OMAH4840	2023	2023-12-09 09:19:42	2023-12-09 11:12:14	1	112.53	NO ISSUES FOUND	Non-storm
NW21210800191	VLNU17903	2023	2023-12-09 09:27:23	2023-12-09 12:14:31	3	501.08	EQUIPMENT FAILURE	Non-storm
NW23120800180	HAMB6909	2023	2023-12-09 09:28:43	2023-12-09 11:00:27	1	846.12	ANIMAL	Non-storm
SE23120800204	MLVDJ2105	2023	2023-12-09 09:39:59	2023-12-09 09:46:19	1	6.33	PLANNED INTENTIONAL	Non-storm
SE23120800200	PLUFD2111	2023	2023-12-09 09:45:24	2023-12-09 12:06:25	1	141.02	PLANNED INTENTIONAL	Non-storm
NW21210800201	HURST9853	2023	2023-12-09 09:45:45	2023-12-09 10:02:11	1	98.4	WIND	Non-storm
NE23120800213	RCHM0420	2023	2023-12-09 09:46:02	2023-12-09 10:10:10	1	24.13	PLANNED INTENTIONAL	Non-storm
SE23120800218	PLUFD0419	2023	2023-12-09 09:50:03	2023-12-09 10:06:36	1	16.55	PLANNED INTENTIONAL	Non-storm
SE23120800197	LAUDR1272	2023	2023-12-09 09:51:03	2023-12-09 14:15:58	10	945.22	PLANNED INTENTIONAL	Non-storm
NW21210800206	SPNKE882	2023	2023-12-09 09:51:03	2023-12-09 10:42:51	6	108.63	PLANNED INTENTIONAL	Non-storm
NW23120800220	SPNKE882	2023	2023-12-09 09:51:07	2023-12-09 10:42:57	2	95.54	PLANNED INTENTIONAL	Non-storm
SW21210800238	OMAH48233	2023	2023-12-09 09:54:42	2023-12-09 12:06:39	54	705.93	EQUIPMENT FAILURE	Non-storm
SE23120800207	CAHND1011	2023	2023-12-09 09:56:19	2023-12-09 10:58:45	1	62.43	PLANNED INTENTIONAL	Non-storm
SE23120800162	GNSTN1319	2023	2023-12-09 09:58:23	2023-12-09 10:54:01	1	58.63	PLANNED INTENTIONAL	Non-storm
SE23120800221	OAKP1707	2023	2023-12-09 09:58:25	2023-12-09 10:31:21	1	32.93	NO ISSUES FOUND	Non-storm
SW21210800217	PATET9345	2023	2023-12-09 10:00:14	2023-12-09 14:24:10	29	7640.67	EQUIPMENT FAILURE	Non-storm
NW23120800240	STWM4010	2023	2023-12-09 10:05:08	2023-12-09 12:38:19	1	155.18	PLANNED INTENTIONAL	Non-storm
NW23120800234	SPNKE882	2023	2023-12-09 10:06:56	2023-12-09 10:45:33	9	345.78	PLANNED INTENTIONAL	Non-storm
SE23120800229	APGLT0312	2023	2023-12-09 10:10:44	2023-12-09 10:49:17	1	38.55	PLANNED INTENTIONAL	Non-storm
SE23120800246	EFSE0409	2023	2023-12-09 10:11:25	2023-12-09 12:05:32	1	538	EQUIPMENT FAILURE	Non-storm
NW23121000229	CLSKS8897	2023	2023-12-10 10:11:20	2023-12-10 13:34:41	1	1640.37	EQUIPMENT FAILURE	Non-storm
SE23120800235	SAVAN0866	2023	2023-12-10 10:14:19	2023-12-10 12:31:52	2	179.23	PLANNED INTENTIONAL	Non-storm
SE23120800278	PSUJ0314	2023	2023-12-10 10:19:48	2023-12-09 11:49:48	67	4995.76	PULSES	Non-storm
NW23120800245	HURST9853	2023	2023-12-10 10:23:02	2023-12-09 10:45:11	1	66.24	PLANNED INTENTIONAL	Non-storm
SE23120800233	GNSTN1319	2023	2023-12-10 10:28:04	2023-12-10 10:44:26	1	16.37	PLANNED INTENTIONAL	Non-storm
NE23120800298	AUGDR0073	2023	2023-12-10 10:34:41	2023-12-10 11:01:41	1	165.47	NO ISSUE	Non-storm
NE23120800343	CAPA0613	2023	2023-12-10 10:40:03	2023-12-10 12:36:16	1	113.53	ANIMAL	Non-storm
SE23120800319	MLVDJ2105	2023	2023-12-10 10:43:36	2023-12-09 11:23:06	1	39.5	PLANNED INTENTIONAL	Non-storm
SE23120800301	ALNP1833	2023	2023-12-10 10:44:13	2023-12-09 11:32:54	1	68.68	PLANNED INTENTIONAL	Non-storm
SE23120800781	HURST9853	2023	2023-12-10 10:45:31	2023-12-10 08:30:36	1	1306.08	EQUIPMENT FAILURE	Non-storm
SW23120800325	PERU9440	2023	2023-12-10 11:04:01	2023-12-09 12:06:53	6	374.42	PLANNED INTENTIONAL	Non-storm
SE23120800303	SRGN79129	2023	2023-12-10 11:05:12	2023-12-09 11:25:43	1	20.52	PLANNED INTENTIONAL	Non-storm
SE23120800302	CHRW1219	2023	2023-12-10 11:09:11	2023-12-09 12:11:08	1	121.95	PLANNED INTENTIONAL	Non-storm
SW23120800329	GLBR7981	2023	2023-12-10 11:20:34	2023-12-09 11:29:28	1	8.9	PLANNED INTENTIONAL	Non-storm
NW21210800347	STYBR9888	2023	2023-12-10 11:21:08	2023-12-09 14:46:10	58	10263.3	TREEBROW	Non-storm
SE23120800340	NEPD1044	2023	2023-12-10 11:25:40	2023-12-09 12:48:54	1	25.93	PLANNED INTENTIONAL	Non-storm
SE23120800390	LAUDR1272	2023	2023-12-10 11:31:19	2023-12-09 14:27:27	1	176.13	PLANNED INTENTIONAL	Non-storm
SE23120800369	EGM1512	2023	2023-12-10 11:40:14	2023-12-09 12:27:53	2	92.1	PLANNED INTENTIONAL	Non-storm
SE23120800400	GRPT12053	2023	2023-12-10 11:41:07	2023-12-09 12:10:10	1	21.05	TREEBROW	Non-storm
SE23120800315	WMBST1932	2023	2023-12-10 11:46:58	2023-12-09 12:32:11	1	63.95	EQUIPMENT FAILURE	Non-storm
SE23120800375	LAUDR1272	2023	2023-12-10 11:55:11	2023-12-09 12:40:09	1	44.97	PLANNED INTENTIONAL	Non-storm
SE23120800365	PLUFD0419	2023	2023-12-10 11:57:17	2023-12-09 13:56:12	1	118.67	PLANNED INTENTIONAL	Non-storm
NW21210800187	CLVD9079	2023	2023-12-10 12:04:13	2023-12-09 14:22:17	1	141.23	EQUIPMENT FAILURE	Non-storm
SE23120800368	DCATR1271	2023	2023-12-10 12:03:55	2023-12-09 12:54:13	2	83.85	PLANNED INTENTIONAL	Non-storm
SE23120800382	GNSTN1319	2023	2023-12-10 12:09:07	2023-12-10 12:40:28	1	31.35	PLANNED INTENTIONAL	Non-storm
NW23120800386	ALPN6921	2023	2023-12-10 12:11:57	2023-12-09 12:20:49	1	6.87	PLANNED INTENTIONAL	Non-storm
SW21210800320	EMRC4291	2023	2023-12-10 12:17:59	2023-12-09 13:54:38	1	96.65	EQUIPMENT FAILURE	Non-storm
SE23120800401	GNSTN0444	2023	2023-12-10 12:21:35	2023-12-09 12:59:22	1	37.78	PLANNED INTENTIONAL	Non-storm
SE23120800414	BOND0858	2023	2023-12-10 12:31:20	2023-12-09 15:07:07	25	3887.04	TREEBROW	Non-storm
SE23120800413	COMLS044	2023	2023-12-10 12:37:46	2023-12-09 13:49:37	1	72.02	PLANNED INTENTIONAL	Non-storm
SW23120800407	PERU9441	2023	2023-12-10 12:37:49	2023-12-09 13:10:16	1	32.45	PLANNED INTENTIONAL	Non-storm
SE23120800428	EGM1512	2023	2023-12-10 12:44:24	2023-12-09 14:08:26	1	84.03	PLANNED INTENTIONAL	Non-storm
NE23120800393	LIBER1056	2023	2023-12-10 12:49:17	2023-12-09 14:36:26	1	88.94	PLANNED INTENTIONAL	Non-storm
NW23120800444	SPNKE882	2023	2023-12-10 12:54:36	2023-12-09 13:36:19	1	41.72	PLANNED INTENTIONAL	Non-storm
NW21210800473	SPNKE882	2023	2023-12-10 12:54:38	2023-12-09 13:37:18	1	42.67	EQUIPMENT FAILURE	Non-storm
NW21210800452	PLUGD045	2023	2023-12-10 13:00:33	2023-12-09 15:25:07	37	5342.97	TREEBROW	Non-storm
NE23120800466	OTSG06762	2023	2023-12-10 13:06:17	2023-12-09 13:42:09	1	86.7	PLANNED INTENTIONAL	Non-storm
NE23120800473	ELBA0302	2023	2023-12-10 13:08:13	2023-12-09 20:45:53	13	5946.55	EQUIPMENT FAILURE	Non-storm
SE23120800330	GENSE1091	2023	2023-12-10 13:11:17	2023-12-09 13:41:13	1	27.93	EQUIPMENT FAILURE	Non-storm
NW21210800478	CAMDND284	2023	2023-12-10 13:11:19	2023-12-09 16:11:02	1	1580.02	PLANNED INTENTIONAL	Non-storm
NW23120800474	SPNKE882	2023	2023-12-10 13:15:51	2023-12-09 13:44:22	2	57.02	EQUIPMENT FAILURE	Non-storm
NE23120800746	QUJH0312	2023	2023-12-10 13:30:04	2023-12-09 18:29:37	1	299.55	EQUIPMENT FAILURE	Non-storm
SE23120800492	IGM12079	2023	2023-12-10 13:33:07	2023-12-09 13:44:50	1	11.72	PLANNED INTENTIONAL	Non-storm
SE23120800394	FRMNT2096	2023	2023-12-10 13:37:14	2023-12-09 14:1				

SW23121000233	BLCK9330	2023	2023-12-10 10:58:10	2023-12-10 11:58:58	3	181.48	ANIMAL	Non-storm
SW23121000241	BLCK9330	2023	2023-12-10 10:58:15	2023-12-10 11:58:57	2	120.7	ANIMAL	Non-storm
SE23121000307	COOL1263	2023	2023-12-10 11:46:29	2023-12-10 16:23:55	1	275.2	EQUIPMENT FAILURE	Non-storm
SW23121000387	NWIL9336	2023	2023-12-10 12:16:30	2023-12-10 17:37:05	1	323.75	ANIMAL	Non-storm
SW23121000271	NWIL9336	2023	2023-12-10 12:12:32	2023-12-10 17:37:07	2	647.48	EQUIPMENT FAILURE	Non-storm
NE23121000308	MACMB8409	2023	2023-12-10 13:08:15	2023-12-10 14:08:29	2	60.23	ANIMAL	Non-storm
NE23121000297	MACMB8409	2023	2023-12-10 13:08:16	2023-12-10 14:08:29	2	120.44	ANIMAL	Non-storm
NW23121000100	KENS1984	2023	2023-12-10 13:10:21	2023-12-10 16:05:29	1	175.13	ANIMAL	Non-storm
SE23121000146	TYT1341	2023	2023-12-10 13:14:07	2023-12-10 13:16:07	1	8	EQUIPMENT FAILURE	Non-storm
SW23121000318	BNSTW9700	2023	2023-12-10 13:57:21	2023-12-11 00:30:23	9	5695.1	EQUIPMENT FAILURE	Non-storm
SW23121000322	BNSTW9700	2023	2023-12-10 13:57:21	2023-12-11 00:30:15	7	4429.52	EQUIPMENT FAILURE	Non-storm
SW23121000120	BNSTW9700	2023	2023-12-10 13:57:22	2023-12-10 16:27:31	8	1200.22	EQUIPMENT FAILURE	Non-storm
SW23121000324	BNSTW9700	2023	2023-12-10 13:57:29	2023-12-11 00:30:20	10	637.92	EQUIPMENT FAILURE	Non-storm
SW23121000325	BNSTW9700	2023	2023-12-10 13:57:34	2023-12-10 16:35:06	6	945.5	EQUIPMENT FAILURE	Non-storm
NW23121000339	PAGE8828	2023	2023-12-10 14:26:19	2023-12-10 16:35:57	1	127.63	EQUIPMENT FAILURE	Non-storm
NW23121000346	BRONC6677	2023	2023-12-10 14:54:01	2023-12-10 17:20:13	1	146.53	EQUIPMENT FAILURE	Non-storm
NW23121000378	TEGER9122	2023	2023-12-10 16:43:47	2023-12-10 17:02:37	47	878.63	EQUIPMENT FAILURE	Non-storm
NW23121000377	TEGER9122	2023	2023-12-10 16:43:48	2023-12-10 17:28:43	33	792.38	EQUIPMENT FAILURE	Non-storm
NW23121000418	COOP9537	2023	2023-12-10 19:42:38	2023-12-10 22:00:44	751	4384.2	EQUIPMENT FAILURE	Non-storm
SE23121000390	HWRV1591	2023	2023-12-10 20:30:58	2023-12-10 20:17:57	1	6.98	NO ISSUES FOUND	Non-storm
SE23121000491	SAVAN1136	2023	2023-12-10 20:26:13	2023-12-10 21:21:32	8	440.54	EQUIPMENT FAILURE	Non-storm
SE23121000564	PULFD155	2023	2023-12-10 21:00:45	2023-12-11 01:53:41	1	292.93	EQUIPMENT FAILURE	Non-storm
NW23121000514	SALEM9900	2023	2023-12-10 21:29:09	2023-12-10 21:58:57	13	179.35	EQUIPMENT FAILURE	Non-storm
NW23121000521	SALEM9900	2023	2023-12-10 21:29:34	2023-12-10 21:58:42	11	331.6	EQUIPMENT FAILURE	Non-storm
NE23121000411	BERND2613	2023	2023-12-11 02:28:26	2023-12-11 03:01:47	1	33.35	EQUIPMENT FAILURE	Non-storm
SW23121100013	COUS9851	2023	2023-12-11 05:30:09	2023-12-11 09:21:14	1	208.08	EQUIPMENT FAILURE	Non-storm
SE23121000479	GRANT7195	2023	2023-12-11 07:26:09	2023-12-11 07:31:27	1	5.3	EQUIPMENT FAILURE	Non-storm
SE23121100031	ECOR5196	2023	2023-12-11 08:01:34	2023-12-11 08:33:08	1	31.57	TREEBROW	Non-storm
SW23121100062	GUY1747	2023	2023-12-11 08:24:57	2023-12-11 09:23:41	1	24.42	TREEBROW	Non-storm
NW23121100102	HURST9853	2023	2023-12-11 08:46:28	2023-12-11 08:56:50	1	10.37	PLANNED INTENTIONAL	Non-storm
NW23121100139	GRHW9799	2023	2023-12-11 08:48:48	2023-12-11 09:07:27	1	17.65	PLANNED INTENTIONAL	Non-storm
SE23121100311	JUPFH836	2023	2023-12-11 09:01:34	2023-12-11 13:53:11	1	291.62	PLANNED INTENTIONAL	Non-storm
SE23121100141	NVLVD1205	2023	2023-12-11 10:36:18	2023-12-11 10:34:49	1	72.52	PLANNED INTENTIONAL	Non-storm
SE23121100143	PULFD111	2023	2023-12-11 09:08:07	2023-12-11 10:32:41	1	83.57	PLANNED INTENTIONAL	Non-storm
NW23121100146	GRHW9799	2023	2023-12-11 09:11:05	2023-12-11 09:30:09	1	19.07	PLANNED INTENTIONAL	Non-storm
SW23121100157	CONWR993	2023	2023-12-11 09:29:20	2023-12-11 12:55:54	1	119.57	ANIMAL	Non-storm
NW23121100169	HURST9853	2023	2023-12-11 09:29:05	2023-12-11 09:43:31	1	14.43	PLANNED INTENTIONAL	Non-storm
NE23121100168	APLTG03146	2023	2023-12-11 09:31:46	2023-12-11 10:44:07	1	72.35	PLANNED INTENTIONAL	Non-storm
NW23121100186	CARTRB878	2023	2023-12-11 09:41:67	2023-12-11 11:34:46	63	708.71	EQUIPMENT FAILURE	Non-storm
NW23121100187	CARTRB878	2023	2023-12-11 09:41:48	2023-12-11 11:34:45	83	9364.06	ANIMAL	Non-storm
NE23121100178	OTSG08762	2023	2023-12-11 09:45:17	2023-12-11 10:28:13	1	42.93	PLANNED INTENTIONAL	Non-storm
NW23121100175	ALPNE8921	2023	2023-12-11 09:47:38	2023-12-11 11:03:34	2	58.69	PLANNED INTENTIONAL	Non-storm
SE23121100094	NVLVD2008	2023	2023-12-11 10:08:11	2023-12-11 10:32:17	1	22.1	PLANNED INTENTIONAL	Non-storm
SW23121100194	PROSOPJ05	2023	2023-12-11 09:53:41	2023-12-11 11:03:20	1	69.65	PLANNED INTENTIONAL	Non-storm
NW23121100209	HAMLN8849	2023	2023-12-11 09:58:16	2023-12-11 17:39:47	1	461.12	NO ISSUES FOUND	Non-storm
NW23121100195	HURST9853	2023	2023-12-11 09:58:27	2023-12-11 10:42:23	1	43.93	PLANNED INTENTIONAL	Non-storm
NW23121100213	HURST9853	2023	2023-12-11 09:58:27	2023-12-11 10:42:23	1	43.93	PLANNED INTENTIONAL	Non-storm
NE23121100206	CASV18819	2023	2023-12-11 10:00:17	2023-12-11 11:47:24	1	107.12	PLANNED INTENTIONAL	Non-storm
NW23121100252	SPNNE842	2023	2023-12-11 10:16:14	2023-12-11 11:05:26	10	490.18	EQUIPMENT FAILURE	Non-storm
NW23121100303	BLCK9330	2023	2023-12-11 10:46:56	2023-12-11 13:30:27	1	895.18	TROUBLE INTENTIONAL	Non-storm
SE2312100254	JUPFH836	2023	2023-12-11 10:21:18	2023-12-11 15:29:52	52	5262.83	EQUIPMENT FAILURE	Non-storm
SW23121100246	BLCK9330	2023	2023-12-11 10:24:03	2023-12-11 13:07:47	6	813.47	PLANNED INTENTIONAL	Non-storm
NW23121100259	HURST9853	2023	2023-12-11 10:36:17	2023-12-11 10:41:47	1	5.45	PLANNED INTENTIONAL	Non-storm
NW23121100274	GODSN8134	2023	2023-12-11 10:45:21	2023-12-11 14:37:55	9	1565.41	EQUIPMENT FAILURE	Non-storm
SW23121100276	DAYTN8105	2023	2023-12-11 10:53:41	2023-12-11 12:11:42	3	232.6	PLANNED INTENTIONAL	Non-storm
SE23121100295	NVLVD1205	2023	2023-12-11 10:56:54	2023-12-11 13:30:06	14	1038.32	PLANNED INTENTIONAL	Non-storm
SW23121100305	SPRUC9877	2023	2023-12-11 11:03:27	2023-12-11 13:28:55	1	145.47	EQUIPMENT FAILURE	Non-storm
SE23121100323	NVLVD1205	2023	2023-12-11 11:06:48	2023-12-11 11:47:40	1	40.87	PLANNED INTENTIONAL	Non-storm
NW23121100377	ALPNE8921	2023	2023-12-11 11:10:18	2023-12-11 11:21:42	1	11.4	PLANNED INTENTIONAL	Non-storm
SE23121100349	GNSTN1319	2023	2023-12-11 11:16:47	2023-12-11 12:17:09	1	60.37	PLANNED INTENTIONAL	Non-storm
SE23121100321	LAUDR1272	2023	2023-12-11 11:16:17	2023-12-11 12:04:11	1	45.9	PLANNED INTENTIONAL	Non-storm
SW23121100325	PERUB440	2023	2023-12-11 11:44:01	2023-12-11 12:46:21	5	311.25	PLANNED INTENTIONAL	Non-storm
SE23121100319	GNSTN1319	2023	2023-12-11 11:49:45	2023-12-11 12:27:11	1	37.43	PLANNED INTENTIONAL	Non-storm
SE23121100354	EGIM1512	2023	2023-12-11 11:55:57	2023-12-11 12:36:08	1	40.18	PLANNED INTENTIONAL	Non-storm
NE23121100318	OTSG08762	2023	2023-12-11 12:02:18	2023-12-11 12:09:13	1	6.92	PLANNED INTENTIONAL	Non-storm
NE23121100350	HURST9737	2023	2023-12-11 12:09:53	2023-12-11 12:59:40	1	497.78	PLANNED INTENTIONAL	Non-storm
NE23121100308	IMLAV9302	2023	2023-12-11 12:16:59	2023-12-11 12:38:13	1	21.23	CUSTOMER EQUIPMENT	Non-storm
NW23121100381	ALPNE8921	2023	2023-12-11 12:18:09	2023-12-11 12:43:21	1	25.2	PLANNED INTENTIONAL	Non-storm
SE23121100423	PUSU0419	2023	2023-12-11 12:24:21	2023-12-11 13:09:20	1	45.15	PLANNED INTENTIONAL	Non-storm
SE23121100486	DEBRN2055	2023	2023-12-11 12:32:40	2023-12-11 16:32:48	1	240.13	EQUIPMENT FAILURE	Non-storm
SE23121100416	DEBRN2055	2023	2023-12-11 12:32:42	2023-12-11 16:33:07	61	14648.17	TREEBROW	Non-storm
NW23121100438	CSXNM860	2023	2023-12-11 12:38:36	2023-12-11 13:54:50	1	76.23	ANIMAL	Non-storm
SE23121100374	GNSTN1319	2023	2023-12-11 12:38:57	2023-12-11 13:04:55	1	59.97	PLANNED INTENTIONAL	Non-storm
SW23121100408	HMLX1952	2023	2023-12-11 12:52:16	2023-12-11 13:50:40	1	58.4	PLANNED INTENTIONAL	Non-storm
SE23121100580	SHADK1093	2023	2023-12-11 12:55:13	2023-12-11 15:24:21	1	519.13	TREEBROW	Non-storm
NW23121100544	CAMDN8282	2023	2023-12-11 13:02:07	2023-12-11 15:22:47	1	130.67	NO ISSUES FOUND	Non-storm
NW23121100516	CAMDN8282	2023	2023-12-11 13:10:13	2023-12-11 15:11:58	2	259.48	EQUIPMENT FAILURE	Non-storm
SE23121100575	SHADK1093	2023	2023-12-11 13:05:36	2023-12-11 15:18:26	1	132.83	PUBLIC INTERFERENCE	Non-storm
SE23121100619	SHADK1093	2023	2023-12-11 13:06:38	2023-12-11 15:18:28	1	132.83	TREEBROW	Non-storm
NW23121100657	SPNNE842	2023	2023-12-11 13:07:35	2023-12-11 14:20:53	6	87.82	PLANNED INTENTIONAL	Non-storm
SW23121100331	GAY1759	2023	2023-12-11 13:14:05	2023-12-11 14:05:52	1	37.97	TREEBROW	Non-storm
NE23121100482	OTSG08762	2023	2023-12-11 13:36:10	2023-12-11 14:33:29	1	57.32	PLANNED INTENTIONAL	Non-storm
SE23121100509	TEIRM11596	2023	2023-12-11 13:38:55	2023-12-11 14:07:34	1	30.65	TREEBROW	Non-storm
NW23121100235	CAMDN8282	2023	2023-12-11 13:47:22	2023-12-11 13:56:47	1	9.42	EQUIPMENT FAILURE	Non-storm
NW23121100505	ALPNE8916	2023	2023-12-11 13:50:34	2023-12-11 14:39:43	3	146.08	PLANNED INTENTIONAL	Non-storm
NW23121100549	ALPNE8916	2023	2023-12-11 13:50:34	2023-12-11 14:38:57	1	145.12	TREEBROW	Non-storm
NE23121100526	BEEN8496	2023	2023-12-11 13:52:59	2023-12-11 14:12:27	7	135.43	TROUBLE INTENTIONAL	Non-storm
NE23121100532	BEEN8496	2023	2023-12-11 13:53:07	2023-12-11 14:12:28	1	19.35	TROUBLE INTENTIONAL	Non-storm
SE23121100528	NALVD1205	2023	2023-12-11 14:02:49	2023-12-11 14:32:49	1	30.75	PLANNED INTENTIONAL	Non-storm
SW23121000467	PERUB412	2023	2023-12-11 14:03:21	2023-12-11 14:22:18	1	18.95	TREEBROW	Non-storm
SE23121100552	LAUDR1272	2023	2023-12-11 14:18:48	2023-12-11 15:16:52	1	58.05	PLANNED INTENTIONAL	Non-storm
SE23121100597	GDRV1250	2023	2023-12-11 14:29:31	2023-12-11 15:49:36	1	80.08	EQUIPMENT FAILURE	Non-storm
SE23121100608	GRHW9799	2023	2023-12-11 14:56:24	2023-12-11 15:26:03	1	29.35	PLANNED INTENTIONAL	Non-storm
NW23121100628	SENCAR808	2023	2023-12-11 15:21:26	2023-12-11 20:34:50	8	1042.58	PLANNED INTENTIONAL	Non-storm
NW23121100627	HURST9853	2023	2023-12-11 15:21:32	2023-12-11 15:43:20	1	21.8	NO ISSUES FOUND	Non-storm
NW23121100685	HURST9853	2023	2023-12-11 16:04:18	2023-12-11 16:52:34	1	423.46	PLANNED INTENTIONAL	Non-storm
NE23121100690	ALMOT9303	2023	2023-12-11 17:28:09	2023-12-11 17:39:33	1	10.4	EQUIPMENT FAILURE	Non-storm
NE23121100680	TCOMAR311	2023	2023-12-11 17:44:09	2023-12-11 21:53:25	4	955.82	EQUIPMENT FAILURE	Non-storm
SW23121100666	OKND58614	2023	2023-12-11 18:14:58					

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SE23121200275	LAMBT1485	2023	2023-12-12 10:41:53	2023-12-12 11:10:42	7	201.62	PLANNED INTENTIONAL	Non-storm
SW23121200427	PERU8441	2023	2023-12-12 10:44:09	2023-12-12 12:52:39	1	53.41	PLANNED INTENTIONAL	Non-storm
SE23121200435	TURNE1448	2023	2023-12-12 10:46:44	2023-12-12 15:28:54	1	280.17	EQUIPMENT FAILURE	Non-storm
SE23121200292	PULFD211	2023	2023-12-12 10:48:48	2023-12-12 12:32:12	2	206.08	PLANNED INTENTIONAL	Non-storm
NW23121200304	HURST9853	2023	2023-12-12 10:53:09	2023-12-12 11:03:54	1	10.75	PLANNED INTENTIONAL	Non-storm
SW23121200378	SLCNR0211	2023	2023-12-12 10:57:27	2023-12-12 13:49:11	1	336.97	EQUIPMENT FAILURE	Non-storm
SE23121200327	LAMBT1485	2023	2023-12-12 11:03:44	2023-12-12 12:15:25	1	71.68	PLANNED INTENTIONAL	Non-storm
SE23121200418	FLANE1840	2023	2023-12-12 11:06:38	2023-12-12 11:28:46	1	22.13	THEERBOW	Non-storm
NW23121200316	BREWH8B40	2023	2023-12-12 11:11:08	2023-12-12 11:27:89	1	16.02	PLANNED INTENTIONAL	Non-storm
SE23121200339	PULFD0419	2023	2023-12-12 11:17:37	2023-12-12 11:32:43	1	15.1	PLANNED INTENTIONAL	Non-storm
SE23121200348	WAREN8362	2023	2023-12-12 11:22:06	2023-12-12 19:57:31	34	15555.43	THEERBOW	Non-storm
SE23121200364	WAREN8362	2023	2023-12-12 11:22:51	2023-12-12 19:57:31	1	514.7	THEERBOW	Non-storm
SW23121200361	HEMLK1952	2023	2023-12-12 11:24:23	2023-12-12 12:13:31	4	105.89	PLANNED INTENTIONAL	Non-storm
SW23121200341	HEMLK1952	2023	2023-12-12 11:24:26	2023-12-12 12:13:24	1	48.97	PLANNED INTENTIONAL	Non-storm
NW23121200347	ORION8966	2023	2023-12-12 11:27:45	2023-12-12 12:05:27	1	37.7	PLANNED INTENTIONAL	Non-storm
NW23121200355	LEVY120	2023	2023-12-12 11:30:03	2023-12-12 15:29:22	9	1277.39	NO ISSUES FOUND	Non-storm
NW23121200350	CAMDNR282	2023	2023-12-12 11:35:07	2023-12-12 12:41:06	1	65.98	PLANNED INTENTIONAL	Non-storm
NW23121200432	CAMDNR282	2023	2023-12-12 11:35:11	2023-12-12 12:42:04	1	66.88	PLANNED INTENTIONAL	Non-storm
NW23121200300	MALTA8481	2023	2023-12-12 11:36:59	2023-12-12 12:02:52	1	51.6	EQUIPMENT FAILURE	Non-storm
SE23121200387	GSTN1319	2023	2023-12-12 11:41:36	2023-12-12 12:05:44	1	24.13	PLANNED INTENTIONAL	Non-storm
SW23121200388	BCKLR9936	2023	2023-12-12 11:42:46	2023-12-12 12:38:13	1	55.45	ANIMAL	Non-storm
SW23121200751	TAHD9510	2023	2023-12-12 11:47:38	2023-12-12 20:11:59	3	1512.58	THEERBOW	Non-storm
SE23121200631	GENE2138	2023	2023-12-12 12:00:03	2023-12-12 12:25:46	1	13.32	EQUIPMENT FAILURE	Non-storm
NW23121200407	KERN8902	2023	2023-12-12 12:02:20	2023-12-12 12:09:57	1	7.62	PLANNED INTENTIONAL	Non-storm
SE23121200346	LAUDR1272	2023	2023-12-12 12:02:39	2023-12-12 12:55:32	1	52.88	PLANNED INTENTIONAL	Non-storm
NW23121200422	SPNNE862	2023	2023-12-12 12:06:30	2023-12-12 12:33:18	1	572.73	PLANNED INTENTIONAL	Non-storm
SE23121200305	PULFD0420	2023	2023-12-12 12:06:38	2023-12-12 12:52:57	1	46.32	PLANNED INTENTIONAL	Non-storm
SE23121200475	SAVAN1279	2023	2023-12-12 12:09:29	2023-12-12 12:39:17	1	29.8	THEERBOW	Non-storm
SE23121200529	DERBN2292	2023	2023-12-12 12:16:55	2023-12-12 13:55:51	1	98.1	EQUIPMENT FAILURE	Non-storm
NW23121200431	BECB4666	2023	2023-12-12 12:18:21	2023-12-12 14:30:03	4	502.46	ANIMAL	Non-storm
SW23121200436	GLBR79373	2023	2023-12-12 12:29:52	2023-12-12 15:20:26	36	4459.08	PLANNED INTENTIONAL	Non-storm
SE23121200443	SRGN79131	2023	2023-12-12 12:35:31	2023-12-12 13:52:46	8	458.56	PLANNED INTENTIONAL	Non-storm
SE23121200462	LAUDR1272	2023	2023-12-12 12:37:59	2023-12-12 15:26:27	1	168.47	PLANNED INTENTIONAL	Non-storm
SW23121200457	FURDA8178	2023	2023-12-12 12:38:38	2023-12-12 18:12:49	29	9689.54	EQUIPMENT FAILURE	Non-storm
SW23121200461	FURDA8178	2023	2023-12-12 12:38:40	2023-12-12 18:12:49	53	15520.13	NO ISSUES FOUND	Non-storm
SE23121200512	UMAB986	2023	2023-12-12 12:40:32	2023-12-12 14:29:48	1	115.27	EQUIPMENT FAILURE	Non-storm
SE23121200455	GSTN1319	2023	2023-12-12 12:44:49	2023-12-12 14:05:28	2	159.14	PLANNED INTENTIONAL	Non-storm
SW23121200444	NWIL8461	2023	2023-12-12 12:45:37	2023-12-12 13:03:59	1	18.37	PLANNED INTENTIONAL	Non-storm
SW23121200444	PERU8441	2023	2023-12-12 12:46:09	2023-12-12 13:06:11	1	20.03	PLANNED INTENTIONAL	Non-storm
NW23121200487	WOLFH8838	2023	2023-12-12 12:46:56	2023-12-12 20:47:54	1	480.97	ANIMAL	Non-storm
NW23121200471	WOLFH8838	2023	2023-12-12 12:46:57	2023-12-12 20:47:56	1	480.98	ANIMAL	Non-storm
SE23121200474	STLUS1099	2023	2023-12-12 12:48:22	2023-12-12 14:02:06	18	1325.65	PUBLIC INTERFERENCE	Non-storm
SE23121200540	STLUS1099	2023	2023-12-12 12:48:22	2023-12-12 14:13:36	1	84.97	PUBLIC INTERFERENCE	Non-storm
NW23121200290	TAMMR9031	2023	2023-12-12 12:48:54	2023-12-12 13:40:42	1	50.8	EQUIPMENT FAILURE	Non-storm
SW23121200484	STAT18137	2023	2023-12-12 12:51:14	2023-12-12 15:47:52	10	1762.45	EQUIPMENT FAILURE	Non-storm
SE23121200680	IGMR1518	2023	2023-12-12 12:52:19	2023-12-12 17:32:20	1	199.08	ANIMAL	Non-storm
NW23121200488	CLKS98897	2023	2023-12-12 12:55:41	2023-12-12 13:54:39	190	11051.21	ANIMAL	Non-storm
NW23121200518	CLKS98113	2023	2023-12-12 12:55:44	2023-12-12 13:53:48	2	116.08	ANIMAL	Non-storm
NE23121200466	SAUV9713	2023	2023-12-12 12:56:19	2023-12-12 14:08:29	1	71	PLANNED INTENTIONAL	Non-storm
SE23121200623	CLBR79373	2023	2023-12-12 12:58:44	2023-12-12 15:20:21	1	141.45	NO ISSUES FOUND	Non-storm
NW23121200493	GRFH9799	2023	2023-12-12 13:00:30	2023-12-12 13:19:23	1	18.88	PLANNED INTENTIONAL	Non-storm
SE23121200473	MAUME8241	2023	2023-12-12 13:03:11	2023-12-12 13:59:47	1	56.6	PLANNED INTENTIONAL	Non-storm
NW23121200523	LCDC1861	2023	2023-12-12 13:05:39	2023-12-12 16:58:31	1	465.7	ANIMAL	Non-storm
SE23121200515	NVLVD1516	2023	2023-12-12 13:11:46	2023-12-12 14:13:09	1	61.38	PLANNED INTENTIONAL	Non-storm
SW23121200519	ROML59464	2023	2023-12-12 13:15:48	2023-12-12 16:04:11	22	3699.24	PLANNED INTENTIONAL	Non-storm
SE23121200661	ROML59464	2023	2023-12-12 13:16:39	2023-12-12 16:03:57	2	136.36	EQUIPMENT FAILURE	Non-storm
SE23121200525	NVLVD1205	2023	2023-12-12 13:21:50	2023-12-12 14:15:32	1	52.7	PLANNED INTENTIONAL	Non-storm
SW23121200559	ZEBRA0474	2023	2023-12-12 13:23:15	2023-12-12 13:35:21	1	12.1	NO ISSUES FOUND	Non-storm
NW23121200602	MALTA8481	2023	2023-12-12 13:28:06	2023-12-12 15:25:50	37	699	EQUIPMENT FAILURE	Non-storm
NW23121200560	SPNNE862	2023	2023-12-12 13:41:06	2023-12-12 14:30:41	1	25.58	PLANNED INTENTIONAL	Non-storm
SE23121200543	GDRIV1919	2023	2023-12-12 13:41:08	2023-12-12 14:14:19	1	33.18	PLANNED INTENTIONAL	Non-storm
SE23121200541	JUPFR852	2023	2023-12-12 13:41:15	2023-12-12 14:18:10	1	36.92	PLANNED INTENTIONAL	Non-storm
SE23121200539	ECORS1382	2023	2023-12-12 13:45:59	2023-12-12 14:54:50	1	69.85	PLANNED INTENTIONAL	Non-storm
SE23121200535	ECORS1382	2023	2023-12-12 13:57:57	2023-12-12 15:27:00	1	89.05	PLANNED INTENTIONAL	Non-storm
NW23121200582	KERN8902	2023	2023-12-12 14:07:27	2023-12-12 14:36:50	18	525.49	PLANNED INTENTIONAL	Non-storm
SE23121200566	GLEND2025	2023	2023-12-12 14:10:45	2023-12-12 15:09:55	1	57.17	PLANNED INTENTIONAL	Non-storm
SE23121200587	GLEND2025	2023	2023-12-12 14:12:56	2023-12-12 15:15:36	1	62.67	EQUIPMENT FAILURE	Non-storm
SE23121200542	ECORS1382	2023	2023-12-12 14:14:13	2023-12-12 14:38:21	1	24.13	PLANNED INTENTIONAL	Non-storm
NE23121200774	OSOR8762	2023	2023-12-12 14:20:22	2023-12-12 19:31:17	1	303.25	EQUIPMENT FAILURE	Non-storm
NW23121200607	SPNNE862	2023	2023-12-12 14:37:48	2023-12-12 15:02:27	10	246	PLANNED INTENTIONAL	Non-storm
SE23121200588	GRANT1494	2023	2023-12-12 14:49:16	2023-12-12 15:36:32	1	47.27	PLANNED INTENTIONAL	Non-storm
NE23121200683	JRVL6886	2023	2023-12-12 15:06:58	2023-12-12 17:28:05	1	141.12	EQUIPMENT FAILURE	Non-storm
SE23121200618	GDRIV2220	2023	2023-12-12 15:11:08	2023-12-12 15:47:48	1	34.67	PLANNED INTENTIONAL	Non-storm
SE23121200619	GDRIV2199	2023	2023-12-12 15:47:55	2023-12-12 16:26:25	1	38.5	PLANNED INTENTIONAL	Non-storm
SE23121200744	EVGRN1042	2023	2023-12-12 17:00:55	2023-12-13 02:41:43	1	88.8	EQUIPMENT FAILURE	Non-storm
NW23121200703	LAMF08862	2023	2023-12-12 17:12:53	2023-12-12 17:33:56	1	21.07	PLANNED INTENTIONAL	Non-storm
NE23121200781	YATES0312	2023	2023-12-12 19:07:19	2023-12-12 19:53:23	54	2394.94	EQUIPMENT FAILURE	Non-storm
NW23121200702	WIKOM8905	2023	2023-12-12 20:22:27	2023-12-12 21:18:19	2	76.14	EQUIPMENT FAILURE	Non-storm
SW23121200820	HAGE9436	2023	2023-12-12 21:30:41	2023-12-13 01:58:40	1	267.98	EQUIPMENT FAILURE	Non-storm
SE23121200449	ANNKC1373	2023	2023-12-12 21:31:24	2023-12-12 21:39:35	1	7.97	CUSTOMER INTERFERENCE	Non-storm
SE23121200394	EVGRN2166	2023	2023-12-12 21:40:50	2023-12-12 22:16:30	1	35.67	NO ISSUES FOUND	Non-storm
SE23121200370	EVGRN2166	2023	2023-12-12 21:41:25	2023-12-12 22:15:31	1	34.1	NO ISSUES FOUND	Non-storm
NW23121200827	MUFPS248	2023	2023-12-12 21:45:26	2023-12-13 00:57:27	120	11222.3	PLANNED INTENTIONAL	Non-storm
NW23121200830	MUFPS248	2023	2023-12-12 22:11:29	2023-12-13 00:12:23	4	483.1	EQUIPMENT FAILURE	Non-storm
NW23121200017	CYDVB910	2023	2023-12-13 02:23:08	2023-12-13 07:15:51	1	292.72	EQUIPMENT FAILURE	Non-storm
NW23121200052	HURST9842	2023	2023-12-13 06:15:29	2023-12-13 06:21:57	78	91010.14	NO ISSUES FOUND	Non-storm
NW23121200037	WOLFH8838	2023	2023-12-13 06:44:50	2023-12-13 06:21:50	2	199.86	EQUIPMENT FAILURE	Non-storm
NW23121200151	KILOG8121	2023	2023-12-13 06:44:50	2023-12-13 06:21:51	4	398.76	EQUIPMENT FAILURE	Non-storm
NW23121200174	HURST9842	2023	2023-12-13 06:44:53	2023-12-13 06:21:49	9	99.93	NO ISSUES FOUND	Non-storm
NW23121200205	HURST9842	2023	2023-12-13 06:44:54	2023-12-13 06:20:49	1	96.92	EQUIPMENT FAILURE	Non-storm
NW23121200154	KILOG8121	2023	2023-12-13 06:44:55	2023-12-13 06:21:55	4	399.78	EQUIPMENT FAILURE	Non-storm
NW23121200105	HURST9842	2023	2023-12-13 06:44:57	2023-12-13 06:20:57	1	99	NO ISSUES FOUND	Non-storm
NW23121200113	HURST9842	2023	2023-12-13 06:44:59	2023-12-13 05:53:13	1	71.93	NO ISSUES FOUND	Non-storm
NW23121200166	QTRND0322	2023	2023-12-13 05:34:21	2023-12-13 13:13:24	1	459.05	EQUIPMENT FAILURE	Non-storm
NW23121200172	QTRND1409	2023	2023-12-13 05:34:26	2023-12-13 13:13:27	1	459.02	EQUIPMENT FAILURE	Non-storm
SW23121200181	MNRD9875	2023	2023-12-13 06:01:49	2023-12-13 10:58:04	1	129.59	EQUIPMENT FAILURE	Non-storm
NW23121200183	MADR95933	2023	2023-12-13 06:32:42	2023-12-13 19:19:12	1	766		

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NE23121300548	MTCLM0306	2023	2023-12-13 11:28:20	2023-12-13 12:45:02	33	2529.01	ANIMAL	Non-storm
NE23121300552	APLG0312	2023	2023-12-13 11:39:26	2023-12-13 11:56:03	1	16.62	PLANNED INTENTIONAL	Non-storm
NW23121300557	HURST9853	2023	2023-12-13 11:41:27	2023-12-13 11:50:05	1	6.61	PLANNED INTENTIONAL	Non-storm
NW23121300578	DAVIS8835	2023	2023-12-13 11:44:59	2023-12-13 16:59:11	27	8536.11	EQUIPMENT FAILURE	Non-storm
NW23121300748	DAVIS8835	2023	2023-12-13 11:44:59	2023-12-13 16:59:05	1	316.1	NO ISSUES FOUND	Non-storm
NW23121300881	DAVIS8835	2023	2023-12-13 11:44:59	2023-12-13 16:59:04	2	632.14	NO ISSUES FOUND	Non-storm
SW23121300570	GLBR79373	2023	2023-12-13 11:45:54	2023-12-13 12:25:42	1	39.8	PLANNED INTENTIONAL	Non-storm
SW23121300575	SALIN9788	2023	2023-12-13 11:49:16	2023-12-13 13:01:21	9	666.21	PLANNED INTENTIONAL	Non-storm
SE23121300563	GDRIY1050	2023	2023-12-13 11:54:41	2023-12-13 12:38:06	1	43.8	PLANNED INTENTIONAL	Non-storm
SE23121300630	WEBST3182	2023	2023-12-13 11:56:16	2023-12-13 14:00:22	1	124.08	PLANNED INTENTIONAL	Non-storm
SE23121300601	LAMBT1485	2023	2023-12-13 12:02:52	2023-12-13 12:44:37	5	208.6	PLANNED INTENTIONAL	Non-storm
NE23121300605	APLG0312	2023	2023-12-13 12:05:04	2023-12-13 13:16:02	1	70.97	PLANNED INTENTIONAL	Non-storm
NW23121300618	GLBR79373	2023	2023-12-13 12:10:51	2023-12-13 12:59:20	1	1010.17	PLANNED INTENTIONAL	Non-storm
NE23121300857	JACOB8868	2023	2023-12-13 12:36:20	2023-12-14 08:43:29	1	1207.15	ANIMAL	Non-storm
SE23121300645	LAUDR1272	2023	2023-12-13 12:42:34	2023-12-13 13:20:48	1	38.23	PLANNED INTENTIONAL	Non-storm
NW23121300657	CAMDON8284	2023	2023-12-13 12:46:50	2023-12-13 15:26:21	10	1592.36	WIND	Non-storm
NW23121300670	CAMDON8284	2023	2023-12-13 12:46:50	2023-12-13 15:26:32	9	1434.13	NO ISSUES FOUND	Non-storm
NE23121300666	STEPH8522	2023	2023-12-13 12:46:51	2023-12-13 13:41:20	1	54.48	EQUIPMENT FAILURE	Non-storm
SE23121300652	GSTNY1319	2023	2023-12-13 12:47:47	2023-12-13 13:22:25	1	24.8	PLANNED INTENTIONAL	Non-storm
NE23121300606	PNGW0328	2023	2023-12-13 12:56:46	2023-12-13 13:19:13	7	126.83	EQUIPMENT FAILURE	Non-storm
SE23121300660	EGIM1512	2023	2023-12-13 13:03:26	2023-12-13 13:21:46	1	18.33	PLANNED INTENTIONAL	Non-storm
SE23121300681	LAUDR1272	2023	2023-12-13 13:16:54	2023-12-13 13:46:24	1	29.5	PLANNED INTENTIONAL	Non-storm
NW23121300688	HURST9853	2023	2023-12-13 13:17:03	2023-12-13 13:49:53	1	27.03	PLANNED INTENTIONAL	Non-storm
SE23121300691	LAUDR1272	2023	2023-12-13 13:32:16	2023-12-13 14:20:00	1	47.73	PLANNED INTENTIONAL	Non-storm
SE23121300702	PUPD2115	2023	2023-12-13 13:40:45	2023-12-13 13:49:52	1	9.12	PLANNED INTENTIONAL	Non-storm
NW23121300757	SPNKE862	2023	2023-12-13 13:42:14	2023-12-13 14:22:22	1	70.13	ANIMAL	Non-storm
SE23121300632	STOPL1078	2023	2023-12-13 13:56:18	2023-12-13 14:22:42	1	17.66	EQUIPMENT FAILURE	Non-storm
SE23121300750	EGIM1507	2023	2023-12-13 14:04:28	2023-12-13 17:22:13	10	1605.26	PLANNED INTENTIONAL	Non-storm
SE23121300694	SHONT9129	2023	2023-12-13 14:07:05	2023-12-13 15:03:16	1	63.18	PLANNED INTENTIONAL	Non-storm
NW23121300751	ROBINW0309	2023	2023-12-13 14:21:11	2023-12-13 18:07:13	1	226.03	ANIMAL	Non-storm
NE23121300770	OTSG08762	2023	2023-12-13 14:54:03	2023-12-13 15:09:41	1	15.63	PLANNED INTENTIONAL	Non-storm
SE23121300791	OTSG8615	2023	2023-12-13 15:05:02	2023-12-13 17:13:40	34	4864.34	ANIMAL	Non-storm
NE23121300795	LAUDR1554	2023	2023-12-13 15:08:46	2023-12-13 15:43:05	1	34.32	PLANNED INTENTIONAL	Non-storm
SE23121300781	GDRIY2220	2023	2023-12-13 15:16:14	2023-12-13 15:43:38	1	27.4	PLANNED INTENTIONAL	Non-storm
NE23121300836	HLGR8772	2023	2023-12-13 17:27:05	2023-12-14 04:13:52	1	646.78	EQUIPMENT FAILURE	Non-storm
NE23121300910	FOX1657	2023	2023-12-13 17:50:54	2023-12-13 18:32:23	1	24.66	TROUBLE INTENTIONAL	Non-storm
NW23121300453	MUF0946	2023	2023-12-13 17:48:09	2023-12-13 18:31:13	1	43.07	EQUIPMENT FAILURE	Non-storm
NE23121300940	MCGRW1167	2023	2023-12-13 18:41:57	2023-12-13 21:37:56	2	351.56	EQUIPMENT FAILURE	Non-storm
SW23121300621	GAY1526	2023	2023-12-13 18:55:11	2023-12-13 19:59:49	14	955.07	EQUIPMENT FAILURE	Non-storm
SW23121300944	GAY1526	2023	2023-12-13 18:55:19	2023-12-13 19:59:48	1	64.48	EQUIPMENT FAILURE	Non-storm
SW23121300945	GAY1526	2023	2023-12-13 18:55:19	2023-12-13 19:59:47	2	128.95	EQUIPMENT FAILURE	Non-storm
SE23121300961	TRIMN1368	2023	2023-12-13 19:21:30	2023-12-14 02:27:22	1	425.87	PUBLIC INTERFERENCE	Non-storm
NW23121300200	CHNR0071	2023	2023-12-13 19:46:14	2023-12-14 08:19:30	1	86.13	EQUIPMENT FAILURE	Non-storm
SW23121300969	GAY1773	2023	2023-12-13 21:04:53	2023-12-14 01:05:07	21	5042.71	EQUIPMENT FAILURE	Non-storm
SW23121300720	HOMER9357	2023	2023-12-13 23:59:56	2023-12-14 00:17:30	1	17.23	CUSTOMER EQUIPMENT	Non-storm
NW23121300903	WOLFO9964	2023	2023-12-14 00:05:47	2023-12-14 02:23:25	1	173.63	EQUIPMENT FAILURE	Non-storm
SW23121300979	WAYNE4601	2023	2023-12-14 00:01:27	2023-12-14 09:27:02	1	155.42	NO ISSUES FOUND	Non-storm
NW23121300068	MADRD9862	2023	2023-12-14 06:16:16	2023-12-14 07:56:19	1	100.05	EQUIPMENT FAILURE	Non-storm
NE23121300057	PRKRB0879	2023	2023-12-14 06:36:00	2023-12-14 10:02:47	1	76.5	EQUIPMENT FAILURE	Non-storm
NE23121300061	BREWRR840	2023	2023-12-14 07:14:37	2023-12-14 09:51:37	2	313.22	EQUIPMENT FAILURE	Non-storm
NW23121300082	TEGER9122	2023	2023-12-14 07:44:42	2023-12-25 12:35:56	1	1731.23	EQUIPMENT FAILURE	Non-storm
NW23121300066	TEGER9122	2023	2023-12-14 07:44:50	2023-12-25 12:34:11	1	1729.35	EQUIPMENT FAILURE	Non-storm
NW23121300191	KLDR0321	2023	2023-12-14 08:25:03	2023-12-14 11:38:13	1	175.17	ANIMAL	Non-storm
NW23121300083	STER1628	2023	2023-12-14 08:26:49	2023-12-14 09:10:24	61	2651.62	ANIMAL	Non-storm
NW23121300090	STER1628	2023	2023-12-14 08:26:51	2023-12-14 09:10:19	1	43.47	ANIMAL	Non-storm
NW23121300089	STER1628	2023	2023-12-14 08:26:51	2023-12-14 09:10:21	1	43.47	ANIMAL	Non-storm
NW23121300087	STER1628	2023	2023-12-14 08:26:54	2023-12-14 09:10:22	1	43.47	ANIMAL	Non-storm
SW23121300103	SEVL9367	2023	2023-12-14 08:52:00	2023-12-14 09:45:34	1	53.57	PLANNED INTENTIONAL	Non-storm
NE23121300106	HARP2515	2023	2023-12-14 08:57:10	2023-12-14 10:54:16	46	5374.53	ANIMAL	Non-storm
NW23121300465	WOLFH8838	2023	2023-12-14 09:04:51	2023-12-14 16:00:14	1	1245.45	EQUIPMENT FAILURE	Non-storm
NW23121300124	BLMF08888	2023	2023-12-14 09:07:18	2023-12-14 10:46:51	103	10165.66	ANIMAL	Non-storm
SE23121300118	LAMBT1524	2023	2023-12-14 09:09:12	2023-12-14 09:55:16	4	24.8	PLANNED INTENTIONAL	Non-storm
NW23121300115	HURST9853	2023	2023-12-14 09:09:26	2023-12-14 09:34:55	1	26.68	PLANNED INTENTIONAL	Non-storm
NE23121300227	BREWRR840	2023	2023-12-14 09:10:39	2023-12-14 17:43:42	2	1022.63	ANIMAL	Non-storm
NW23121300127	ARIE5893	2023	2023-12-14 09:10:49	2023-12-14 10:39:34	25	2204.84	ANIMAL	Non-storm
SE23121300111	PUPD2115	2023	2023-12-14 09:11:36	2023-12-14 11:25:08	1	133.53	PLANNED INTENTIONAL	Non-storm
NE23121300105	BREWRR840	2023	2023-12-14 09:13:49	2023-12-14 09:25:31	1	11.7	PLANNED INTENTIONAL	Non-storm
NW23121300132	HURST9853	2023	2023-12-14 09:16:14	2023-12-14 09:26:05	1	9.85	PLANNED INTENTIONAL	Non-storm
NE23121300102	MTMBA0315	2023	2023-12-14 09:17:15	2023-12-15 03:08:08	1	1065.88	EQUIPMENT FAILURE	Non-storm
NE23121300141	CART89115	2023	2023-12-14 09:18:38	2023-12-14 10:53:20	81	1663.84	ANIMAL	Non-storm
NW23121300145	SPNKE862	2023	2023-12-14 09:22:29	2023-12-14 11:20:52	1	118.38	PLANNED INTENTIONAL	Non-storm
NW23121300205	HURST9853	2023	2023-12-14 09:21:58	2023-12-14 09:38:20	1	14.37	PLANNED INTENTIONAL	Non-storm
SE23121300114	LAMBT1524	2023	2023-12-14 09:24:14	2023-12-14 09:38:30	1	13.37	NO ISSUES FOUND	Non-storm
NW23121300139	SPNKE862	2023	2023-12-14 09:26:49	2023-12-14 09:32:07	1	5.97	PLANNED INTENTIONAL	Non-storm
NW23121300157	SPNKE884	2023	2023-12-14 09:32:34	2023-12-14 10:18:33	7	321.42	PLANNED INTENTIONAL	Non-storm
NW23121300171	SPNKE862	2023	2023-12-14 09:39:36	2023-12-14 10:18:31	1	91.84	PLANNED INTENTIONAL	Non-storm
NE23121300173	RCHM0420	2023	2023-12-14 09:33:06	2023-12-14 10:08:50	1	35.73	PLANNED INTENTIONAL	Non-storm
NW23121300166	GENO8217	2023	2023-12-14 09:33:29	2023-12-14 12:21:12	6	1005.66	ANIMAL	Non-storm
NE23121300119	REMR08007	2023	2023-12-14 09:36:02	2023-12-14 13:28:22	1	233.33	EQUIPMENT FAILURE	Non-storm
NW23121300167	HURST9853	2023	2023-12-14 09:41:33	2023-12-14 09:47:10	1	5.61	PLANNED INTENTIONAL	Non-storm
SE23121300151	LAUDR1554	2023	2023-12-14 09:47:02	2023-12-14 10:39:53	2	97.9	PLANNED INTENTIONAL	Non-storm
NW23121300188	BISM0439	2023	2023-12-14 09:52:27	2023-12-14 11:31:39	52	5523.33	ANIMAL	Non-storm
NW23121300184	HURST9853	2023	2023-12-14 09:57:10	2023-12-14 10:09:19	1	12.2	PLANNED INTENTIONAL	Non-storm
SE23121300186	PUPD2111	2023	2023-12-14 09:57:10	2023-12-14 13:15:20	1	108.17	PLANNED INTENTIONAL	Non-storm
SW23121300221	ARGO3023	2023	2023-12-14 09:59:04	2023-12-14 13:46:24	1	227.33	EQUIPMENT FAILURE	Non-storm
NE23121300172	BREWRR840	2023	2023-12-14 10:00:25	2023-12-14 10:26:45	1	26.22	PLANNED INTENTIONAL	Non-storm
NW23121300195	WNLN79029	2023	2023-12-14 10:01:55	2023-12-14 10:56:31	1	217.68	PLANNED INTENTIONAL	Non-storm
NE23121300905	MACHM8283	2023	2023-12-14 10:02:56	2023-12-14 13:37:43	1	214.78	METER / BLOCKS	Non-storm
SE23121300171	GSTNY1319	2023	2023-12-14 10:04:35	2023-12-14 12:28:17	1	143.7	PLANNED INTENTIONAL	Non-storm
NE23121300197	GLBR79373	2023	2023-12-14 10:04:37	2023-12-14 12:28:19	1	143.7	PLANNED INTENTIONAL	Non-storm
NW23121300212	WOLFH8838	2023	2023-12-14 10:05:58	2023-12-14 10:05:58	24	774	TROUBLE INTENTIONAL	Non-storm
SE23121300183	GDRIY1297	2023	2023-12-14 10:06:55	2023-12-14 12:44:07	2	109.53	PLANNED INTENTIONAL	Non-storm
SE23121300199	PUPD2111	2023	2023-12-14 10:07:03	2023-12-14 11:30:03	1	82.98	PLANNED INTENTIONAL	Non-storm
NW23121300211	WOLFO9604	2023	2023-12-14 10:08:43	2023-12-14 11:58:10	1	109.45	ANIMAL	Non-storm
NW23121300313	WOLFO9604	2023	2023-12-14 10:08:50	2023-12-14 11:58:10	1	109.48	EQUIPMENT FAILURE	Non-storm
NE23121300200	GLBR79373	2023	2023-12-14 10:15:58	2023-12-14 12:51:02	1	5834.21	PLANNED INTENTIONAL	Non-storm
SE23121300196	PUPD2111	2023	2023-12-14 10:15:58	2023-12-14 12:09:55	1			

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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NW2312140042	ALPNE8921	2023	2023-12-14 13:26:56	2023-12-14 13:47:25	2	40.08	PLANNED INTENTIONAL	Non-storm
NW23121400452	JASON8454	2023	2023-12-14 13:27:52	2023-12-14 14:24:00	3	168.06	ANIMAL	Non-storm
SW23121400445	HEML1350	2023	2023-12-14 13:31:40	2023-12-14 13:52:50	3	62.44	PLANNED INTENTIONAL	Non-storm
NW23121400461	SPKNE8842	2023	2023-12-14 13:31:56	2023-12-14 14:12:28	1	40.53	PLANNED INTENTIONAL	Non-storm
NW23121400464	ALPNE8921	2023	2023-12-14 13:35:07	2023-12-14 14:13:26	1	18.32	PLANNED INTENTIONAL	Non-storm
1 NW23121400492	SPKNE8842	2023	2023-12-14 13:35:27	2023-12-14 14:38:36	21	613.01	PLANNED INTENTIONAL	Non-storm
NW23121400501	MALTA8481	2023	2023-12-14 14:13:21	2023-12-14 14:42:46	16	468.66	EQUIPMENT FAILURE	Non-storm
NW23121400138	STKW4002	2023	2023-12-14 14:19:01	2023-12-14 14:28:29	1	9.47	METER / BLOCKS	Non-storm
SE23121400512	KORT15511	2023	2023-12-14 14:27:24	2023-12-14 15:29:41	1	908.85	PLANNED INTENTIONAL	Non-storm
NW23121400517	SPKNE8842	2023	2023-12-14 14:33:15	2023-12-14 15:13:44	6	475.12	NO ISSUES FOUND	Non-storm
NW23121400515	ALPNE8921	2023	2023-12-14 14:34:08	2023-12-14 14:52:35	7	124.81	TROUBLE INTENTIONAL	Non-storm
NW23121400531	SPKNE8842	2023	2023-12-14 14:52:34	2023-12-14 15:25:31	6	197.53	PLANNED INTENTIONAL	Non-storm
NW23121400079	ERINC2421	2023	2023-12-14 15:03:23	2023-12-14 15:50:23	1	8.85	EQUIPMENT FAILURE	Non-storm
NE23121400537	OPAL8572	2023	2023-12-14 15:03:32	2023-12-14 15:44:08	1	40.6	PLANNED INTENTIONAL	Non-storm
NW23121400545	MALTA8481	2023	2023-12-14 15:12:38	2023-12-14 15:27:46	2	29.96	NO ISSUES FOUND	Non-storm
NE23121400554	COTAF6743	2023	2023-12-14 15:30:41	2023-12-14 19:44:52	1	57.03	EQUIPMENT FAILURE	Non-storm
NW23121400574	MALTA8481	2023	2023-12-14 15:56:21	2023-12-14 16:06:42	11	112.5	NO ISSUES FOUND	Non-storm
SW23121400580	WAYNE9366	2023	2023-12-14 17:13:47	2023-12-15 12:45:52	1	1172.08	EQUIPMENT FAILURE	Non-storm
NW23121400638	HURST9853	2023	2023-12-14 17:26:20	2023-12-14 17:42:20	1	16.08	NO ISSUES FOUND	Non-storm
SE23121400640	SOLF0908	2023	2023-12-14 17:30:20	2023-12-14 17:46:49	157	2450.77	PLANNED INTENTIONAL	Non-storm
SE23121400641	SOLF0908	2023	2023-12-14 17:31:08	2023-12-14 17:46:50	185	2862.19	PLANNED INTENTIONAL	Non-storm
SW23121400667	BLCKR0342	2023	2023-12-14 17:43:23	2023-12-14 18:08:21	7	174.14	TROUBLE INTENTIONAL	Non-storm
NW23121400678	CLCKR0909	2023	2023-12-14 18:22:29	2023-12-14 20:05:18	1	208.42	TROUBLE INTENTIONAL	Non-storm
NE23121400433	SHAW0332	2023	2023-12-14 18:58:19	2023-12-14 19:22:22	1	24.05	EQUIPMENT FAILURE	Non-storm
NE23121400720	RICHY0301	2023	2023-12-14 19:41:14	2023-12-15 00:34:51	1	291.62	EQUIPMENT FAILURE	Non-storm
SE23121400637	PRISB2117	2023	2023-12-14 21:05:35	2023-12-14 21:13:37	1	6.01	EQUIPMENT FAILURE	Non-storm
SE23121400688	STLU1136	2023	2023-12-14 22:51:52	2023-12-14 22:58:34	1	6.7	EQUIPMENT FAILURE	Non-storm
SE23121500100	PURT1246	2023	2023-12-15 00:10:05	2023-12-15 03:18:11	1	188.1	TREEBROW	Non-storm
SE23121400714	GRANT1306	2023	2023-12-15 01:00:42	2023-12-15 01:10:35	1	9.88	EQUIPMENT FAILURE	Non-storm
NE23121500004	BREW8840	2023	2023-12-15 01:58:45	2023-12-15 02:07:49	1	9.07	EQUIPMENT FAILURE	Non-storm
SE23121500119	PURT1246	2023	2023-12-15 02:15:08	2023-12-15 03:18:16	12	754.09	TREEBROW	Non-storm
SE23121500130	STLU1394	2023	2023-12-15 02:39:21	2023-12-15 05:11:49	375	3511.29	PUBLIC INTERFERENCE	Non-storm
SE23121500140	STLU1394	2023	2023-12-15 02:39:29	2023-12-15 05:09:25	1	98.4	WIND	Non-storm
SE23121500064	STLU1394	2023	2023-12-15 02:39:38	2023-12-15 05:09:32	19	1895.53	PUBLIC INTERFERENCE	Non-storm
SE23121500072	STLU1394	2023	2023-12-15 02:39:39	2023-12-15 05:09:27	1	99.8	PUBLIC INTERFERENCE	Non-storm
SE23121500024	STLU1394	2023	2023-12-15 02:39:40	2023-12-15 05:09:26	1	99.7	PUBLIC INTERFERENCE	Non-storm
SE23121500066	STLU1394	2023	2023-12-15 03:33:11	2023-12-15 03:36:10	4	91.8	PUBLIC INTERFERENCE	Non-storm
SE23121500021	STLU1394	2023	2023-12-15 03:39:06	2023-12-15 05:03:36	1	36.38	PUBLIC INTERFERENCE	Non-storm
NE23121500150	BADA9787	2023	2023-12-15 05:07:09	2023-12-15 09:28:09	1	261	ANIMAL	Non-storm
SW23121500076	MACON0849	2023	2023-12-15 05:07:48	2023-12-15 06:32:26	1	50.63	EQUIPMENT FAILURE	Non-storm
NW23121500111	WALL1655	2023	2023-12-15 07:51:38	2023-12-15 07:59:15	808	4387.75	PLANNED INTENTIONAL	Non-storm
NW23121500138	WALL1655	2023	2023-12-15 07:51:46	2023-12-15 08:00:02	1	6.27	NO ISSUES FOUND	Non-storm
NW23121500165	INGUL8169	2023	2023-12-15 08:12:01	2023-12-15 10:12:01	7	16.8	TREEBROW	Non-storm
NW23121500172	LARD0893	2023	2023-12-15 08:32:13	2023-12-15 08:52:12	10	198.21	EQUIPMENT FAILURE	Non-storm
NE23121500199	ADAM59131	2023	2023-12-15 08:37:55	2023-12-15 13:50:28	3	937.65	ANIMAL	Non-storm
SE23121500177	WAYNE9446	2023	2023-12-15 09:06:38	2023-12-15 09:22:54	1	1889.20	PLANNED INTENTIONAL	Non-storm
SW23121500181	PERU9441	2023	2023-12-15 08:47:04	2023-12-15 11:08:02	9	1226.76	PLANNED INTENTIONAL	Non-storm
SW23121500557	PERU9441	2023	2023-12-15 08:47:09	2023-12-15 11:48:03	1	180.9	PLANNED INTENTIONAL	Non-storm
SE23121500021	LAMB17485	2023	2023-12-15 08:58:18	2023-12-15 09:22:52	1	141.26	TREEBROW	Non-storm
NE23121500187	PNGV0325	2023	2023-12-15 09:00:29	2023-12-15 09:15:37	1	15.12	PLANNED INTENTIONAL	Non-storm
SE23121500191	PULF0224	2023	2023-12-15 09:03:15	2023-12-15 11:43:03	1	159.8	PLANNED INTENTIONAL	Non-storm
SE23121500556	IND08132	2023	2023-12-15 09:11:39	2023-12-15 12:08:08	181	30247.96	ANIMAL	Non-storm
NE23121500029	IND08132	2023	2023-12-15 09:11:40	2023-12-15 10:24:59	1788	127681.33	ANIMAL	Non-storm
SE23121500262	LAMB17524	2023	2023-12-15 09:14:32	2023-12-15 09:52:51	1	38.32	PLANNED INTENTIONAL	Non-storm
NW23121500278	ALPNE8921	2023	2023-12-15 09:15:53	2023-12-15 09:38:47	9	200.22	NO ISSUES FOUND	Non-storm
NE23121500194	GTSG0762	2023	2023-12-15 09:19:18	2023-12-15 09:52:17	71	2555.46	PLANNED INTENTIONAL	Non-storm
SW23121500283	YPS03118	2023	2023-12-15 09:19:33	2023-12-15 09:30:43	2	21.94	EQUIPMENT FAILURE	Non-storm
SE23121500284	GORV2199	2023	2023-12-15 09:29:16	2023-12-15 10:13:33	1	44.28	PLANNED INTENTIONAL	Non-storm
NE23121500233	ALGO88748	2023	2023-12-15 09:29:36	2023-12-15 11:16:08	43	423.22	PLANNED INTENTIONAL	Non-storm
SE23121500160	PULF2185	2023	2023-12-15 09:34:48	2023-12-15 10:25:09	1	49.35	PLANNED INTENTIONAL	Non-storm
NW23121500000	COLF8186	2023	2023-12-15 09:39:04	2023-12-15 16:24:40	3	1216.57	ANIMAL	Non-storm
SE23121500404	PERU9444	2023	2023-12-15 09:39:23	2023-12-15 10:22:22	1	42.98	PUBLIC INTERFERENCE	Non-storm
SE23121500170	LAMB17534	2023	2023-12-15 09:45:13	2023-12-15 09:59:15	1	16.2	PLANNED INTENTIONAL	Non-storm
SE23121500413	GNSTN044	2023	2023-12-15 09:45:15	2023-12-15 14:48:53	1	303.63	PLANNED INTENTIONAL	Non-storm
NW23121500588	HURST9853	2023	2023-12-15 09:46:58	2023-12-15 19:09:30	1	562.33	EQUIPMENT FAILURE	Non-storm
SE23121500381	GORV2199	2023	2023-12-15 09:52:07	2023-12-15 10:21:48	1	26.8	PLANNED INTENTIONAL	Non-storm
NW23121500393	LLYR120	2023	2023-12-15 09:52:12	2023-12-15 13:49:53	1	237.68	NO ISSUES FOUND	Non-storm
SW23121500406	TRNT99331	2023	2023-12-15 09:56:67	2023-12-15 11:53:42	2	234.35	EQUIPMENT FAILURE	Non-storm
SW23121500388	SALUP940	2023	2023-12-15 09:56:28	2023-12-15 11:51:42	1378	15838.34	ANIMAL	Non-storm
NW23121500742	SALUP940	2023	2023-12-15 09:56:28	2023-12-15 12:41:57	1	365.48	EQUIPMENT FAILURE	Non-storm
SW23121500390	SALUP9788	2023	2023-12-15 09:56:29	2023-12-15 12:42:31	2349	35705.09	ANIMAL	Non-storm
SW23121500343	FAMNG0434	2023	2023-12-15 09:56:32	2023-12-15 11:53:42	1	117.17	EQUIPMENT FAILURE	Non-storm
SW23121500843	SALUP9788	2023	2023-12-15 09:56:38	2023-12-15 12:42:01	1	126.88	NO ISSUES FOUND	Non-storm
SW23121500435	FULER00719	2023	2023-12-15 09:56:38	2023-12-15 11:53:48	1	117.17	NO ISSUES FOUND	Non-storm
SE23121500391	PULF00419	2023	2023-12-15 09:59:09	2023-12-15 11:20:51	1	81.7	PLANNED INTENTIONAL	Non-storm
NW23121500431	GOVEB0234	2023	2023-12-15 10:00:19	2023-12-15 11:03:38	1	65.3	PLANNED INTENTIONAL	Non-storm
SE23121500364	PULF00419	2023	2023-12-15 10:05:31	2023-12-15 12:12:08	1	126.62	PLANNED INTENTIONAL	Non-storm
NW23121500446	STKW4010	2023	2023-12-15 10:06:01	2023-12-15 11:27:49	14	1071.23	PLANNED INTENTIONAL	Non-storm
NW23121500270	CAMON0822	2023	2023-12-15 10:08:50	2023-12-15 11:53:23	26	2716.62	PLANNED INTENTIONAL	Non-storm
NW23121500447	CAMON8322	2023	2023-12-15 10:08:57	2023-12-15 11:52:23	1	604.43	PLANNED INTENTIONAL	Non-storm
SE23121500445	GNSTN1319	2023	2023-12-15 10:14:59	2023-12-15 10:46:00	1	31.02	PLANNED INTENTIONAL	Non-storm
SW23121500425	SEVL93667	2023	2023-12-15 10:17:21	2023-12-15 11:05:16	4	170.65	PLANNED INTENTIONAL	Non-storm
NW23121500452	HURST9853	2023	2023-12-15 10:17:43	2023-12-15 11:06:48	1	46.08	PLANNED INTENTIONAL	Non-storm
SW23121500584	SHELD185	2023	2023-12-15 10:22:00	2023-12-15 11:38:03	1	676.05	EQUIPMENT FAILURE	Non-storm
NW23121500517	DDUL9806	2023	2023-12-15 10:24:43	2023-12-15 11:52:41	1	87.97	PUBLIC INTERFERENCE	Non-storm
NW23121500484	HANCK8136	2023	2023-12-15 10:24:55	2023-12-15 11:55:05	27	1916.78	PLANNED INTENTIONAL	Non-storm
NW23121500484	HANCK8136	2023	2023-12-15 10:25:08	2023-12-15 11:29:07	1	63.98	NO ISSUES FOUND	Non-storm
SE23121500464	LAMB17485	2023	2023-12-15 10:25:28	2023-12-15 10:42:50	6	103.39	PLANNED INTENTIONAL	Non-storm
NW23121500509	PROU09475	2023	2023-12-15 10:29:47	2023-12-15 12:32:29	1	366.55	ANIMAL	Non-storm
NW23121500494	PROU09475	2023	2023-12-15 10:29:55	2023-12-15 12:31:46	1	122.85	ANIMAL	Non-storm
SW23121500481	HEML1910	2023	2023-12-15 10:30:31	2023-12-15 11:21:27	8	387.12	PLANNED INTENTIONAL	Non-storm
SE23121500527	PULF00419	2023	2023-12-15 10:30:53	2023-12-15 11:20:47	1	45.4	PLANNED INTENTIONAL	Non-storm
NW23121500525	NAVIG0202	2023	2023-12-15 10:31:52	2023-12-15 12:02:51	1	254.63	PLANNED INTENTIONAL	Non-storm
SE23121500530	GNSTN1295	2023	2023-12-15 10:42:48	2023-12-15 11:32:31	1	49.72	PLANNED INTENTIONAL	Non-storm
SE23121500532	GNSTN1319	2023	2023-12-15 10:46:49	2023-12-15 11:12:13	1	25.4	PLANNED INTENTIONAL	Non-storm
SE23121500533	ALPNE8921	2023	2023-12-15 10:52:16	2023-12-15 11:46:47	2	280.68	PLANNED INTENTIONAL	Non-storm
NW23121500543	SPKNE9056	2023	2023-12-15 10:54:46	20				

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NW2121250043	PAGE9495	2023	2023-12-15 16:36:53	2023-12-15 20:44:27	1	247.57	NO ISSUES FOUND	Non-storm
NW2121250076	PAGE9495	2023	2023-12-15 16:36:53	2023-12-15 20:45:24	1	248.52	NO ISSUES FOUND	Non-storm
NW2121250059	CLKSR8857	2023	2023-12-15 16:45:35	2023-12-15 19:12:58	6	876.1	EQUIPMENT FAILURE	Non-storm
SE23121500944	LAMB17456	2023	2023-12-15 16:46:00	2023-12-15 19:42:25	17	1476.87	EQUIPMENT FAILURE	Non-storm
SW212121400734	PERU9440	2023	2023-12-15 17:14:17	2023-12-15 17:53:39	14	547.78	EQUIPMENT FAILURE	Non-storm
NE212121500853	ATCA0202	2023	2023-12-15 17:50:28	2023-12-15 17:58:29	1	8.03	EQUIPMENT FAILURE	Non-storm
SW212121500560	FSFH8188	2023	2023-12-15 18:40:14	2023-12-15 18:56:40	1	16.43	EQUIPMENT FAILURE	Non-storm
SE23121501047	CTENR1341	2023	2023-12-15 19:32:29	2023-12-16 07:46:27	5	3565.01	WIND	Non-storm
SE23121500983	CYRT1159	2023	2023-12-15 19:54:00	2023-12-16 20:16:50	5	23.83	EQUIPMENT FAILURE	Non-storm
SW212121501054	CPULR885	2023	2023-12-15 19:58:57	2023-12-15 21:23:24	1	64.45	EQUIPMENT FAILURE	Non-storm
SE23121501056	STLUS1394	2023	2023-12-15 20:20:54	2023-12-16 01:27:38	16	4760.85	WIND	Non-storm
SE23121501060	STLUS1394	2023	2023-12-15 20:20:57	2023-12-16 01:27:39	3	892.62	WIND	Non-storm
SE23121501066	STLUS1394	2023	2023-12-15 20:30:00	2023-12-16 01:27:39	1	897.57	WIND	Non-storm
NE23121501072	PNGV0325	2023	2023-12-15 21:23:35	2023-12-15 21:34:37	1	11.03	EQUIPMENT FAILURE	Non-storm
NW212121600044	ALPMR8919	2023	2023-12-16 08:07:22	2023-12-16 10:18:56	9	1182.6	TREEBLOW	Non-storm
NW212121600054	ALPMR9724	2023	2023-12-16 08:07:24	2023-12-16 10:28:49	9	133.42	ANIMAL	Non-storm
NW212121600047	WUNJ79029	2023	2023-12-16 08:47:31	2023-12-16 14:20:07	1	332.6	EQUIPMENT FAILURE	Non-storm
NW212121600041	WUNJ79029	2023	2023-12-16 08:47:33	2023-12-16 14:20:08	1	332.58	EQUIPMENT FAILURE	Non-storm
SE231215010098	KORT1245	2023	2023-12-16 08:50:02	2023-12-16 09:32:24	6	42.37	EQUIPMENT FAILURE	Non-storm
SW212121600040	WVWRN2466	2023	2023-12-16 08:52:08	2023-12-16 10:12:41	59	4743.74	ANIMAL	Non-storm
SE231216000063	LAMB17485	2023	2023-12-16 09:02:29	2023-12-16 09:53:30	3	152.54	PLANNED INTENTIONAL	Non-storm
NW212121600497	WOLUH888	2023	2023-12-16 09:07:25	2023-12-17 09:36:42	1	1469.28	TREEBLOW	Non-storm
SE231216000046	PUJF02224	2023	2023-12-16 09:09:33	2023-12-16 11:59:54	1	1530.2	PLANNED INTENTIONAL	Non-storm
SE231216000061	PUJF02224	2023	2023-12-16 09:09:35	2023-12-16 11:59:29	9	776.94	PLANNED INTENTIONAL	Non-storm
SE231216000059	PUJF00419	2023	2023-12-16 09:09:50	2023-12-16 11:22:42	7	537.58	PLANNED INTENTIONAL	Non-storm
NE231216000057	PNGV0325	2023	2023-12-16 09:11:09	2023-12-16 09:30:27	1	19.3	PLANNED INTENTIONAL	Non-storm
SE231216000039	SRGN79129	2023	2023-12-16 09:12:34	2023-12-16 11:10:43	2	236.28	PLANNED INTENTIONAL	Non-storm
NW212121600067	SPNNE8842	2023	2023-12-16 09:12:50	2023-12-16 10:53:50	1	101	EQUIPMENT FAILURE	Non-storm
SE231216000060	NWST0118	2023	2023-12-16 09:15:20	2023-12-16 09:48:53	1	33.55	TREEBLOW	Non-storm
NE23121500895	CENT1760	2023	2023-12-16 09:16:50	2023-12-16 09:22:00	1	5.37	EQUIPMENT FAILURE	Non-storm
SW212121600020	YSR18144	2023	2023-12-16 09:19:43	2023-12-16 12:03:00	1	163.28	EQUIPMENT LOADING	Non-storm
NW212121600009	WGHM0344	2023	2023-12-16 09:21:04	2023-12-16 12:26:44	45	8129.95	EQUIPMENT FAILURE	Non-storm
SE231216000049	PUJF00419	2023	2023-12-16 09:31:34	2023-12-16 10:07:27	1	35.88	PLANNED INTENTIONAL	Non-storm
SE231216000083	PUJF00419	2023	2023-12-16 09:31:34	2023-12-16 11:23:26	1	111.73	PLANNED INTENTIONAL	Non-storm
SE231216000192	SXMM1273	2023	2023-12-16 09:36:34	2023-12-16 09:49:38	1	9.08	EQUIPMENT FAILURE	Non-storm
SE231216000081	GLEN0513	2023	2023-12-16 09:36:38	2023-12-16 11:08:46	1	92.48	EQUIPMENT FAILURE	Non-storm
NE231216000112	CYPR83754	2023	2023-12-16 09:39:18	2023-12-16 10:47:53	1	68.58	PLANNED INTENTIONAL	Non-storm
NE231216000124	MEDEA8477	2023	2023-12-16 09:39:36	2023-12-16 10:38:44	1	416.8	EQUIPMENT FAILURE	Non-storm
SW212121600078	HEMEL1930	2023	2023-12-16 09:40:20	2023-12-16 10:26:51	1	46.52	PLANNED INTENTIONAL	Non-storm
SE231216000387	DUVAL9644	2023	2023-12-16 09:44:15	2023-12-16 14:41:48	1	297.55	NO ISSUES FOUND	Non-storm
NE231216000086	EGIM1231	2023	2023-12-16 09:50:55	2023-12-16 10:55:36	1	64.68	PLANNED INTENTIONAL	Non-storm
NE231216000087	PERU9440	2023	2023-12-16 10:01:13	2023-12-16 10:02:51	1	11.87	PLANNED INTENTIONAL	Non-storm
SE231216000113	LAMB17485	2023	2023-12-16 09:58:28	2023-12-16 10:13:59	1	15.52	PLANNED INTENTIONAL	Non-storm
SE231216000096	LAMB17485	2023	2023-12-16 09:58:51	2023-12-16 10:14:22	1	15.52	PLANNED INTENTIONAL	Non-storm
NE231216000126	PNGV0325	2023	2023-12-16 09:59:09	2023-12-16 10:22:43	1	23.57	PLANNED INTENTIONAL	Non-storm
SE231216000261	WSENO1038	2023	2023-12-16 09:59:41	2023-12-16 15:27:02	19	3996.29	NO ISSUES FOUND	Non-storm
SE231216000205	WSENO1038	2023	2023-12-16 09:59:42	2023-12-16 13:27:50	15	3108.36	NO ISSUES FOUND	Non-storm
SE231216000203	WSENO1038	2023	2023-12-16 09:59:44	2023-12-16 13:26:34	14	414.45	NO ISSUES FOUND	Non-storm
SE231216000199	WSENO1038	2023	2023-12-16 09:59:45	2023-12-16 13:36:58	1	107.22	NO ISSUES FOUND	Non-storm
SE231216000128	WSENO1038	2023	2023-12-16 09:59:46	2023-12-16 13:27:02	179	36945.94	EQUIPMENT FAILURE	Non-storm
SE231216000189	WSENO1038	2023	2023-12-16 09:59:59	2023-12-16 13:25:52	4	823	NO ISSUES FOUND	Non-storm
SE231216000138	WSENO1038	2023	2023-12-16 10:00:06	2023-12-16 13:25:50	1	205.73	NO ISSUES FOUND	Non-storm
SE231216000110	BVRL1785	2023	2023-12-16 10:00:23	2023-12-16 10:57:39	13	743.3	TREEBLOW	Non-storm
NW212121600173	STER18628	2023	2023-12-16 10:01:26	2023-12-16 11:14:20	1	72.9	ANIMAL	Non-storm
SE231216000090	HAUT17289	2023	2023-12-16 10:07:34	2023-12-16 11:28:31	2	156.53	PLANNED INTENTIONAL	Non-storm
NW212121600121	WVXOM8239	2023	2023-12-16 10:07:37	2023-12-16 12:58:21	7	1193.02	NO ISSUES FOUND	Non-storm
NW212121600122	WVXOM8239	2023	2023-12-16 10:07:37	2023-12-16 12:58:52	61	10397.68	EQUIPMENT FAILURE	Non-storm
SE231216000129	WSENO1038	2023	2023-12-16 10:11:03	2023-12-16 10:42:10	382	11851.93	PLANNED INTENTIONAL	Non-storm
NW212121600130	HURT7853	2023	2023-12-16 10:12:11	2023-12-16 10:24:30	1	12.32	NO ISSUES FOUND	Non-storm
SW212121600095	BURTN0381	2023	2023-12-16 10:14:13	2023-12-16 11:34:49	5	402.79	PLANNED INTENTIONAL	Non-storm
SE231216000089	EGIM1507	2023	2023-12-16 10:15:37	2023-12-16 11:21:11	1	65.57	PLANNED INTENTIONAL	Non-storm
SE231216000111	HEMEL1930	2023	2023-12-16 10:16:18	2023-12-16 11:43:36	1	1167.81	PLANNED INTENTIONAL	Non-storm
SE231216000159	JUPTR8328	2023	2023-12-16 10:17:18	2023-12-16 12:01:54	15	1564.68	PLANNED INTENTIONAL	Non-storm
SW212121600163	PERU9440	2023	2023-12-16 10:21:55	2023-12-16 10:32:33	1	10.63	PLANNED INTENTIONAL	Non-storm
NW212121600179	WATF09867	2023	2023-12-16 10:22:15	2023-12-16 11:44:50	2	165.14	NO ISSUES FOUND	Non-storm
NW212121600193	WATF09867	2023	2023-12-16 10:22:17	2023-12-16 11:44:52	2	165.14	CUSTOMER EQUIPMENT	Non-storm
NW212121600161	CAMD8282	2023	2023-12-16 10:25:02	2023-12-16 11:56:48	22	2015.86	PLANNED INTENTIONAL	Non-storm
HURT19340	HEMEL1930	2023	2023-12-16 10:25:47	2023-12-16 11:55:01	1	98.3	PLANNED INTENTIONAL	Non-storm
NE231216000158	STEPH407	2023	2023-12-16 10:38:45	2023-12-16 11:48:00	16	1136	EQUIPMENT FAILURE	Non-storm
NE231216000195	STEPH407	2023	2023-12-16 10:38:55	2023-12-16 11:47:57	2	142.02	EQUIPMENT FAILURE	Non-storm
NW212121600175	COLF8186	2023	2023-12-16 10:42:24	2023-12-16 13:14:40	1	152.27	PLANNED INTENTIONAL	Non-storm
NW212121600182	PRNKE842	2023	2023-12-16 10:46:19	2023-12-16 12:57:06	1	133.25	PLANNED INTENTIONAL	Non-storm
SE231216000873	GRPT1203	2023	2023-12-16 10:55:34	2023-12-16 14:20:19	1	204.75	TREEBLOW	Non-storm
SE231216000191	GRVW2220	2023	2023-12-16 10:55:41	2023-12-16 12:37:08	1	101.45	PLANNED INTENTIONAL	Non-storm
SE231216000166	GRVW2220	2023	2023-12-16 10:58:10	2023-12-16 12:33:22	1	85.3	PLANNED INTENTIONAL	Non-storm
NE23121500792	OTIS8615	2023	2023-12-16 10:59:35	2023-12-16 11:07:15	1	7.67	EQUIPMENT FAILURE	Non-storm
SW212121600213	DEWER8085	2023	2023-12-16 11:10:01	2023-12-16 11:50:19	1	40.3	ANIMAL	Non-storm
SE231216000230	CLOR88034	2023	2023-12-16 11:11:39	2023-12-16 11:57:02	1	43.88	EQUIPMENT FAILURE	Non-storm
SE231216000217	GRVW2220	2023	2023-12-16 11:14:39	2023-12-16 11:20:17	2	30.84	PLANNED INTENTIONAL	Non-storm
NE231216000058	ALGOM8073	2023	2023-12-16 11:20:31	2023-12-16 17:01:02	1	144.45	EQUIPMENT FAILURE	Non-storm
NW212121600215	ARNLD0731	2023	2023-12-16 11:20:49	2023-12-16 14:55:59	65	13979.71	PLANNED INTENTIONAL	Non-storm
NW212121600242	PRACR8996	2023	2023-12-16 11:24:54	2023-12-16 14:55:51	1	235	NO ISSUES FOUND	Non-storm
NW212121600417	ARNLD0731	2023	2023-12-16 11:20:55	2023-12-16 14:55:53	1	214.97	PLANNED INTENTIONAL	Non-storm
NW212121600251	GRAYL8540	2023	2023-12-16 11:39:31	2023-12-16 16:32:12	1	292.45	ANIMAL	Non-storm
SW212121600240	HEMEL1930	2023	2023-12-16 11:45:49	2023-12-16 12:52:32	17	1044.19	PLANNED INTENTIONAL	Non-storm
SW212121600247	SEVL9367	2023	2023-12-16 11:57:39	2023-12-16 12:33:11	12	424.38	PLANNED INTENTIONAL	Non-storm
NE23121600244	CYPR83754	2023	2023-12-16 11:58:20	2023-12-16 13:37:21	2	188.05	PLANNED INTENTIONAL	Non-storm
SW212121600249	HEMEL1930	2023	2023-12-16 12:05:23	2023-12-16 12:32:35	1	55.67	PLANNED INTENTIONAL	Non-storm
SE23121600245	LAMB17485	2023	2023-12-16 12:08:20	2023-12-16 12:32:47	3	72.97	PLANNED INTENTIONAL	Non-storm
NW212121600266	STWJ40101	2023	2023-12-16 12:10:01	2023-12-16 12:59:05	1	49.07	PLANNED INTENTIONAL	Non-storm
SE231216000256	MAJUM8241	2023	2023-12-16 12:17:08	2023-12-16 12:32:48	1	15.67	PLANNED INTENTIONAL	Non-storm
NE231216000298	SVRAC2063	2023	2023-12-16 12:18:13	2023-12-16 12:31:39	1	12.43	EQUIPMENT FAILURE	Non-storm
SE231216000305	MYERS1702	2023	2023-12-16 12:23:56	2023-12-16 12:34:59	1	11.05	TREEBLOW	Non-storm
SE231216000260	PUJF02155	2023	2023-12-16 12:26:48	2023-12-16 13:49:19	1	82.52	PLANNED INTENTIONAL	Non-storm
NE231216000262	PRNKE842	2023	2023-12-16 12:28:50	2023-12-16 12:52:42	1	118.81	PLANNED INTENTIONAL	Non-storm
SE231216000297	SVRAC813	2023	2023-12-16 12:30:34	2023-12-16 13:05:48	1			

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SW23121700101	BLCKR8011	2023	2023-12-17 10:34:49	2023-12-17 11:20:50	1	46.02	PLANNED INTENTIONAL	Non-storm
SW23121700149	MOTR1824	2023	2023-12-17 11:12:02	2023-12-17 11:24:13	52	4222.65	TREEROW	Non-storm
NW23121700147	HURST9853	2023	2023-12-17 11:20:59	2023-12-17 11:31:02	80	977.58	PLANNED INTENTIONAL	Non-storm
SW23121700142	SGRGT8247	2023	2023-12-17 11:34:57	2023-12-17 11:57:21	1	2.24	TREEROW	Non-storm
SE23121700081	GRPT13375	2023	2023-12-17 11:38:47	2023-12-17 12:01:24	1	22.62	TREEROW	Non-storm
NW23121700289	TAMK9063	2023	2023-12-17 11:40:02	2023-12-17 12:08:57	1	320.92	NO ISSUES FOUND	Non-storm
NW23121700188	TAMK9063	2023	2023-12-17 11:48:04	2023-12-17 12:08:50	1	320.77	EQUIPMENT FAILURE	Non-storm
SW23121700095	FLAG1680	2023	2023-12-17 11:54:31	2023-12-17 12:57:42	1	483.18	TREEROW	Non-storm
SW23121700133	DMMN0866	2023	2023-12-17 11:58:54	2023-12-17 12:28:43	1	8.82	EQUIPMENT FAILURE	Non-storm
SW23121700190	OMAH48240	2023	2023-12-17 12:47:58	2023-12-17 14:24:47	9	870.06	EQUIPMENT FAILURE	Non-storm
SE23121700301	GDRV2074	2023	2023-12-17 12:56:18	2023-12-17 16:52:07	21	4940.62	TREEROW	Non-storm
SE23121700227	GDRV2074	2023	2023-12-17 12:56:22	2023-12-17 16:51:22	1	2.95	TREEROW	Non-storm
SE23121700212	GDRV2074	2023	2023-12-17 12:56:23	2023-12-17 16:51:26	26	6109.08	TREEROW	Non-storm
SE23121700209	DENV1462	2023	2023-12-17 13:29:32	2023-12-17 16:48:53	1	199.35	EQUIPMENT FAILURE	Non-storm
NW23121700363	NOLAN8939	2023	2023-12-17 13:49:35	2023-12-18 08:40:07	1	1130.53	EQUIPMENT FAILURE	Non-storm
SE23121700231	FRMNT1593	2023	2023-12-17 13:49:40	2023-12-17 18:25:36	1	265.93	TREEROW	Non-storm
SE23121700175	DCATR1271	2023	2023-12-17 14:00:41	2023-12-17 14:29:44	1	29.05	EQUIPMENT FAILURE	Non-storm
SE23121700225	TRRMN1541	2023	2023-12-17 14:14:39	2023-12-17 14:28:28	24	327.49	EQUIPMENT FAILURE	Non-storm
SE23121700265	LCTFR8844	2023	2023-12-17 15:45:25	2023-12-17 17:06:30	37	3031.42	EQUIPMENT FAILURE	Non-storm
SE23121700208	LCTFR8844	2023	2023-12-17 15:45:29	2023-12-17 17:06:17	1	82.3	EQUIPMENT FAILURE	Non-storm
NE23121700239	RDSV12416	2023	2023-12-17 15:47:16	2023-12-17 16:00:24	1	13.13	TREEROW	Non-storm
SW23121700173	WST72027	2023	2023-12-17 16:13:00	2023-12-17 16:41:36	1	28.6	EQUIPMENT FAILURE	Non-storm
NE23121700287	CHESTR1417	2023	2023-12-17 16:18:07	2023-12-17 17:11:59	1	2182.58	WIND	Non-storm
SW23121700049	ELMP365	2023	2023-12-17 16:36:31	2023-12-17 16:54:06	1	17.58	TREEROW	Non-storm
SE23121700262	CONAT1446	2023	2023-12-17 16:41:19	2023-12-18 03:50:09	1	668.83	TREEROW	Non-storm
NE23121700308	FAHW8755	2023	2023-12-17 17:17:14	2023-12-17 19:05:22	1	23.92	EQUIPMENT FAILURE	Non-storm
SE23121700121	COUG1209	2023	2023-12-17 18:03:10	2023-12-17 19:41:01	2	195.7	EQUIPMENT FAILURE	Non-storm
NE23121700332	BRAY8780	2023	2023-12-17 18:52:49	2023-12-17 21:06:27	1	133.63	ANIMAL	Non-storm
SW23121800088	RJCM15644	2023	2023-12-17 19:34:50	2023-12-17 19:34:50	1	120.45	EQUIPMENT FAILURE	Non-storm
NE23121700337	MENL0758	2023	2023-12-17 19:21:49	2023-12-17 21:25:38	61	8982.05	EQUIPMENT FAILURE	Non-storm
NE23121700353	CHESTR840	2023	2023-12-17 19:57:59	2023-12-18 02:32:01	10	3935.68	PLANNED INTENTIONAL	Non-storm
NW23121700377	CSNA8805	2023	2023-12-17 21:02:11	2023-12-18 02:34:07	20	6626.26	PLANNED INTENTIONAL	Non-storm
NW23121700326	CSNA8805	2023	2023-12-17 21:02:11	2023-12-18 02:34:07	10	6440.78	PLANNED INTENTIONAL	Non-storm
NE23121700405	AGST4824	2023	2023-12-17 23:33:56	2023-12-18 08:33:31	60	32355.18	EQUIPMENT FAILURE	Non-storm
NE23121800053	AGST4824	2023	2023-12-17 23:33:57	2023-12-18 08:33:12	1	539.25	EQUIPMENT FAILURE	Non-storm
NE23121800055	CYPM5812	2023	2023-12-17 23:33:57	2023-12-18 09:29:20	1	583.68	EQUIPMENT FAILURE	Non-storm
NE23121800056	BRAY8780	2023	2023-12-18 06:29:44	2023-12-18 11:47:22	1	317.63	EQUIPMENT FAILURE	Non-storm
NE23121801236	CASV18805	2023	2023-12-18 07:22:16	2023-12-19 14:19:56	1	1857.67	TREEROW	Non-storm
SW23121800052	HNES4213	2023	2023-12-18 07:48:14	2023-12-18 10:53:19	10	1491.49	ANIMAL	Non-storm
SW23121800100	HCOV0366	2023	2023-12-18 08:08:06	2023-12-18 10:09:15	1	101.15	TREEROW	Non-storm
NE23121800363	QUINC0311	2023	2023-12-18 09:08:56	2023-12-18 11:32:59	1	144.05	EQUIPMENT FAILURE	Non-storm
NE23121800119	YAT50311	2023	2023-12-18 09:08:57	2023-12-18 11:34:15	3308	262187.65	EQUIPMENT FAILURE	Non-storm
NE23121800062	SGRGT8249	2023	2023-12-18 09:08:57	2023-12-18 11:33:59	1	145.03	NO ISSUES FOUND	Non-storm
NE23121800130	SAXON8046	2023	2023-12-18 09:08:58	2023-12-18 11:34:19	1	484.31	EQUIPMENT FAILURE	Non-storm
NE23121800380	QUINC0311	2023	2023-12-18 09:09:01	2023-12-18 11:34:05	1	145.07	EQUIPMENT FAILURE	Non-storm
NE23121800137	YAT50311	2023	2023-12-18 09:09:01	2023-12-18 11:33:11	1	144.13	EQUIPMENT FAILURE	Non-storm
NE23121800206	LEXTN870	2023	2023-12-18 09:09:06	2023-12-18 11:34:14	8	1160.56	NO ISSUES FOUND	Non-storm
NE23121800164	SAXON8046	2023	2023-12-18 09:09:08	2023-12-18 11:34:09	1	145.02	EQUIPMENT FAILURE	Non-storm
SW23121800358	DUBH14825	2023	2023-12-18 09:09:48	2023-12-18 13:22:02	1	1425.02	ANIMAL	Non-storm
NW23121800318	MALTS454	2023	2023-12-18 09:16:50	2023-12-18 09:38:26	30	1237.6	ANIMAL	Non-storm
SW23121800318	SHELD185	2023	2023-12-18 09:21:48	2023-12-19 17:07:09	1	1905.35	EQUIPMENT FAILURE	Non-storm
NE23121800155	MENL0789	2023	2023-12-18 09:33:32	2023-12-18 10:20:57	2	1981.15	TREEROW	Non-storm
NE23121800091	GOLF8697	2023	2023-12-18 09:36:10	2023-12-18 10:24:29	2	2405.42	ANIMAL	Non-storm
NE23121800419	GOLF8697	2023	2023-12-18 09:36:11	2023-12-18 10:24:21	2	96.22	ANIMAL	Non-storm
NE23121800435	GOLF8697	2023	2023-12-18 09:36:32	2023-12-18 10:24:28	1	48.1	ANIMAL	Non-storm
NE23121800461	GOLF8697	2023	2023-12-18 09:36:32	2023-12-18 10:24:29	1	48.1	ANIMAL	Non-storm
SE23121800037	UNCN0349	2023	2023-12-18 10:23:43	2023-12-18 10:57:19	1	33.6	TREEROW	Non-storm
SW23121800444	PROSP0305	2023	2023-12-18 10:27:00	2023-12-18 10:55:05	1	28.08	PLANNED INTENTIONAL	Non-storm
SE23121800101	ROTUN8336	2023	2023-12-18 10:54:22	2023-12-18 12:49:06	9	2164.9	TREEROW	Non-storm
NW23121800499	HURST9853	2023	2023-12-18 11:24:09	2023-12-18 11:40:45	1	184.64	CUSTOMER EQUIPMENT	Non-storm
NW23121800502	HURST9853	2023	2023-12-18 11:24:09	2023-12-18 11:40:55	25	417.61	EQUIPMENT FAILURE	Non-storm
NW23121800545	MUFP2945	2023	2023-12-18 11:44:48	2023-12-18 14:21:13	16	1717.75	EQUIPMENT FAILURE	Non-storm
NW23121800555	MUFP2945	2023	2023-12-18 11:44:56	2023-12-18 13:20:49	1	45.88	EQUIPMENT FAILURE	Non-storm
NW23121800552	BART1401	2023	2023-12-18 11:45:19	2023-12-18 13:34:45	1	109.43	NO ISSUES FOUND	Non-storm
SE23121801235	SXM11237	2023	2023-12-18 11:45:52	2023-12-19 02:37:50	1	891.97	TREEROW	Non-storm
SE23121800897	GENS2142	2023	2023-12-18 11:57:41	2023-12-19 14:00:46	1	1563.08	EQUIPMENT FAILURE	Non-storm
SE23121800572	BROKS0902	2023	2023-12-18 12:02:04	2023-12-18 13:02:23	9	534.27	EQUIPMENT FAILURE	Non-storm
NW23121800586	TAMK9096	2023	2023-12-18 12:12:42	2023-12-18 13:01:32	1	48.83	EQUIPMENT FAILURE	Non-storm
SW23121800592	HAGE8952	2023	2023-12-18 12:12:27	2023-12-19 01:06:20	1	768.88	EQUIPMENT FAILURE	Non-storm
SW23121800585	HAGE8952	2023	2023-12-18 12:12:29	2023-12-19 01:06:29	2	1537.78	CUSTOMER EQUIPMENT	Non-storm
SE23121700233	CHAR1005	2023	2023-12-18 12:21:21	2023-12-18 13:03:11	2	83.58	EQUIPMENT FAILURE	Non-storm
NE23121800109	WHTLKR009	2023	2023-12-18 12:43:40	2023-12-18 13:54:50	29	2039.2	EQUIPMENT FAILURE	Non-storm
NW23121800614	WMSTN8033	2023	2023-12-18 12:48:19	2023-12-18 15:57:12	1	243.87	TREEROW	Non-storm
NW23121800627	WMSTN8033	2023	2023-12-18 12:44:29	2023-12-18 15:57:24	1	192.92	TREEROW	Non-storm
NW23121801093	WOLVO9064	2023	2023-12-18 13:20:01	2023-12-18 22:06:46	1	526.75	TREEROW	Non-storm
SE23121800515	MPH12214	2023	2023-12-18 13:21:24	2023-12-18 14:43:12	1	22.35	EQUIPMENT FAILURE	Non-storm
SW23121800564	MOTT9789	2023	2023-12-18 13:37:37	2023-12-18 14:00:17	1	22.86	EQUIPMENT FAILURE	Non-storm
NE23121800579	HCOV0366	2023	2023-12-18 13:51:18	2023-12-18 14:08:16	1	16.97	EQUIPMENT FAILURE	Non-storm
SE23121700325	CHHG2081	2023	2023-12-18 13:53:07	2023-12-18 18:34:46	1	581.45	EQUIPMENT FAILURE	Non-storm
SW23121800702	GNSTN9389	2023	2023-12-18 13:55:05	2023-12-18 18:12:06	73	18752.31	EQUIPMENT FAILURE	Non-storm
SW23121800708	GNSTN9389	2023	2023-12-18 13:55:11	2023-12-18 18:12:05	1	256.9	EQUIPMENT FAILURE	Non-storm
SW23121800887	GNSTN9389	2023	2023-12-18 13:55:11	2023-12-18 18:12:04	1	256.68	NO ISSUES FOUND	Non-storm
SE23121800718	ECORS145	2023	2023-12-18 13:55:14	2023-12-18 15:05:25	1	1042.25	EQUIPMENT FAILURE	Non-storm
SE23121800753	HLTRD0705	2023	2023-12-18 14:01:53	2023-12-18 15:16:09	1	74.27	PUBLIC INTERFERENCE	Non-storm
SW23121800725	DREK18957	2023	2023-12-18 14:03:02	2023-12-18 15:43:29	9	895.13	PUBLIC INTERFERENCE	Non-storm
SW23121800714	CHL0984	2023	2023-12-18 14:04:00	2023-12-18 16:40:33	1	539.84	EQUIPMENT FAILURE	Non-storm
NW23121800741	VAL2633	2023	2023-12-18 14:06:35	2023-12-18 17:52:58	46	10404.7	TREEROW	Non-storm
SE23121800759	VAL2633	2023	2023-12-18 14:12:32	2023-12-18 23:09:48	1	531.27	EQUIPMENT FAILURE	Non-storm
SE23121800804	WHTY2716	2023	2023-12-18 14:38:22	2023-12-19 15:05:15	1	1482.88	TREEROW	Non-storm
SW23121800792	POPLR0805	2023	2023-12-18 14:25:47	2023-12-18 15:30:49	1	69.35	EQUIPMENT FAILURE	Non-storm
NW23121900057	LCDL8909	2023	2023-12-18 14:26:32	2023-12-19 03:20:58	50	38676.99	EQUIPMENT FAILURE	Non-storm
NW23121801001	LCDL8909	2023	2023-12-18 14:26:35	2023-12-18 17:50:10	521	79831.21	EQUIPMENT FAILURE	Non-storm
NW23121801142	LCDL8909	2023	2023-12-18 14:26:35	2023-12-19 13:17:10	1	1630.38	EQUIPMENT FAILURE	Non-storm
SE23121801018	BROKS153	2023	2023-12-18 14:35:23	2023-12-19 15:55:53	1	1220.5	TREEROW	Non-storm
SE23121800795	HAYE5140	2023	2023-12-18 14:38:13	2023-12-18 15:48:10	60	4178.07	TREEROW	Non-storm
SE23121800681	BAEST1809	2023	2023-12-18 14:38:25	2023-12-18 15:00:42	2	11.12	EQUIPMENT FAILURE	Non-storm
NW23121800814	WLNJ19013	2023	2023-12-18 14:40:53	2023-12-18 19:20:28	194	50289.12	TREEROW	Non-storm
SE23121700364	LAMB72							

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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NW23121900175	KELOG8121	2023	2023-12-19 09:17:45	2023-12-19 10:23:01	22	1431.67	NO ISSUES FOUND	Non-storm
SW23121900180	YOST9371	2023	2023-12-19 09:18:00	2023-12-19 10:50:45	22	2021.31	PLANNED INTENTIONAL	Non-storm
NW23121900198	BEAC48601	2023	2023-12-19 09:25:34	2023-12-19 09:37:19	1	11.75	CUSTOMER EQUIPMENT FAILURE	Non-storm
NW23121900189	HURST9853	2023	2023-12-19 09:27:04	2023-12-19 09:35:56	1	8.87	PLANNED INTENTIONAL	Non-storm
NW23121900195	HURST9853	2023	2023-12-19 09:38:13	2023-12-19 11:21:18	1	105.08	PLANNED INTENTIONAL	Non-storm
SE23121900166	GAY2829	2023	2023-12-19 09:38:28	2023-12-19 09:58:03	1	8.42	EQUIPMENT FAILURE	Non-storm
NW23121900631	CASV1819	2023	2023-12-19 09:50:59	2023-12-19 23:32:21	3	2450.03	EQUIPMENT FAILURE	Non-storm
SE23121900213	NVLVD2105	2023	2023-12-19 09:55:15	2023-12-19 12:19:01	1	143.77	PLANNED INTENTIONAL	Non-storm
SE23121900211	WILAD056	2023	2023-12-19 09:55:11	2023-12-19 10:21:51	1	23.67	PLANNED INTENTIONAL	Non-storm
SE23121900274	BRK06513	2023	2023-12-19 09:59:03	2023-12-19 10:56:10	1	57.12	CUSTOMER EQUIPMENT FAILURE	Non-storm
NW23121900223	PKR080779	2023	2023-12-19 10:01:54	2023-12-19 11:36:09	78	7393.1	PLANNED INTENTIONAL	Non-storm
NW23121900236	DIR8972685	2023	2023-12-19 10:03:37	2023-12-20 01:09:21	1	905.73	NO ISSUES FOUND	Non-storm
NW23121900208	JACOB8698	2023	2023-12-19 10:07:52	2023-12-19 10:15:44	1	7.87	PLANNED INTENTIONAL	Non-storm
SE23121900228	SAVAN1221	2023	2023-12-19 10:08:33	2023-12-19 11:47:38	1	99.08	PLANNED INTENTIONAL	Non-storm
NW23121900259	IND08164	2023	2023-12-19 10:29:32	2023-12-19 11:08:22	8	309.54	PLANNED INTENTIONAL	Non-storm
SE23121900263	SMM1216	2023	2023-12-19 10:32:04	2023-12-19 11:29:59	270	15198.63	TROUBLE INTENTIONAL	Non-storm
SE23121900282	SMM1216	2023	2023-12-19 10:32:21	2023-12-19 11:30:04	1	57.72	TROUBLE INTENTIONAL	Non-storm
SE231219001062	PNGR0403	2023	2023-12-19 10:38:50	2023-12-19 11:18:12	1	39.37	CUSTOMER EQUIPMENT FAILURE	Non-storm
SE23121900201	GRDV2220	2023	2023-12-19 10:47:45	2023-12-19 12:47:53	14	1798.38	PLANNED INTENTIONAL	Non-storm
SE23121900279	GRDV2220	2023	2023-12-19 10:47:46	2023-12-19 12:47:50	14	2546.79	PLANNED INTENTIONAL	Non-storm
NW23121900298	LOMR06000	2023	2023-12-19 10:49:39	2023-12-19 16:48:06	6	2148.24	EQUIPMENT FAILURE	Non-storm
SW23121900243	PERU9440	2023	2023-12-19 10:52:44	2023-12-19 11:06:54	1	14.17	PLANNED INTENTIONAL	Non-storm
NW23121900275	JACOB8698	2023	2023-12-19 10:52:56	2023-12-19 11:01:47	1	8.85	PLANNED INTENTIONAL	Non-storm
SW23121900303	NBUR08075	2023	2023-12-19 10:55:56	2023-12-19 12:00:17	58	3533.47	NO ISSUES FOUND	Non-storm
SE23121900313	GNSTN1319	2023	2023-12-19 11:04:14	2023-12-19 12:16:54	1	72.67	PLANNED INTENTIONAL	Non-storm
NW23121900316	FRAS2437	2023	2023-12-19 11:04:43	2023-12-19 11:22:18	1	7.58	NO ISSUES FOUND	Non-storm
NW23121900353	JACOB8698	2023	2023-12-19 11:09:44	2023-12-19 11:18:36	1	8.87	PLANNED INTENTIONAL	Non-storm
SW23121900296	YALU9483	2023	2023-12-19 11:15:46	2023-12-19 11:39:02	8	184.2	PLANNED INTENTIONAL	Non-storm
SW23121900333	HEML3967	2023	2023-12-19 11:16:27	2023-12-19 13:05:49	123	688.43	EQUIPMENT FAILURE	Non-storm
NW23121900336	BEN08720	2023	2023-12-19 11:21:28	2023-12-19 12:12:14	12	608.35	EQUIPMENT FAILURE	Non-storm
SE23121900337	VERN1490	2023	2023-12-19 11:30:11	2023-12-19 13:49:20	1	139.15	PLANNED INTENTIONAL	Non-storm
SE23121900337	GRDV1299	2023	2023-12-19 11:36:03	2023-12-19 13:49:00	1	132.95	PLANNED INTENTIONAL	Non-storm
SE23121900375	NVLVD2105	2023	2023-12-19 11:41:50	2023-12-19 13:50:00	1	128.23	PLANNED INTENTIONAL	Non-storm
NW23121900354	WOLFH822	2023	2023-12-19 11:47:14	2023-12-19 12:06:00	1	18.77	PLANNED INTENTIONAL	Non-storm
SE23121900347	GRDV2220	2023	2023-12-19 12:05:29	2023-12-19 12:36:21	1	30.87	PLANNED INTENTIONAL	Non-storm
NW23121900290	GLBR19373	2023	2023-12-19 12:08:25	2023-12-19 12:31:05	25	422.43	EQUIPMENT FAILURE	Non-storm
NW23121900424	NUNU1936	2023	2023-12-19 12:12:36	2023-12-19 15:04:11	1	171.58	NO ISSUES FOUND	Non-storm
NW231219001949	CULV00315	2023	2023-12-19 12:16:20	2023-12-19 12:55:52	1	39.53	PLANNED INTENTIONAL	Non-storm
SE23121900139	FWNC2202	2023	2023-12-19 12:22:25	2023-12-19 12:37:26	1	14.95	TREEBROW	Non-storm
SE23121900447	EVGR07873	2023	2023-12-19 12:27:09	2023-12-19 13:09:54	2	85.49	EQUIPMENT FAILURE	Non-storm
NW23121900367	CAM0N8282	2023	2023-12-19 12:30:06	2023-12-19 13:18:17	1	68.18	PLANNED INTENTIONAL	Non-storm
SE23121900426	LAUD1554	2023	2023-12-19 12:42:50	2023-12-19 13:19:28	1	36.63	PLANNED INTENTIONAL	Non-storm
NW23121900479	WOLFH838	2023	2023-12-19 12:49:20	2023-12-19 18:24:01	1	5016.25	EQUIPMENT FAILURE	Non-storm
NW23121900637	WOLFH838	2023	2023-12-19 12:49:20	2023-12-19 18:25:57	1	334.62	EQUIPMENT FAILURE	Non-storm
NW23121900449	SPFN8842	2023	2023-12-19 12:49:45	2023-12-19 14:03:02	4	293.06	PLANNED INTENTIONAL	Non-storm
NW23121900451	KOCH09256	2023	2023-12-19 12:59:55	2023-12-19 13:25:35	1	25.67	PLANNED INTENTIONAL	Non-storm
NW23121900127	CASV1819	2023	2023-12-19 13:08:54	2023-12-20 13:31:54	1	1463	ANIMAL	Non-storm
NW231219001005	WMMK8099	2023	2023-12-19 13:15:58	2023-12-20 11:13:41	1	1317.72	EQUIPMENT FAILURE	Non-storm
SE23121900483	FRISL1275	2023	2023-12-19 13:22:22	2023-12-19 14:02:22	1	42.07	EQUIPMENT FAILURE	Non-storm
NW23121900478	GEN04217	2023	2023-12-19 13:20:20	2023-12-19 17:08:47	1	228.45	ANIMAL	Non-storm
SW23121900465	GLBR19373	2023	2023-12-19 13:20:47	2023-12-19 13:51:47	1	31	PLANNED INTENTIONAL	Non-storm
SE23121900476	GNSTN1295	2023	2023-12-19 13:21:52	2023-12-19 13:54:20	1	32.47	PLANNED INTENTIONAL	Non-storm
NW23121900473	CULF8186	2023	2023-12-19 13:26:52	2023-12-19 16:16:50	1	340.1	PLANNED INTENTIONAL	Non-storm
NW23121900493	GLBR19381	2023	2023-12-19 13:37:55	2023-12-19 14:25:16	2	94.2	PLANNED INTENTIONAL	Non-storm
SW23121900197	FRMTN8880	2023	2023-12-19 13:41:27	2023-12-19 14:11:39	2	52.53	EQUIPMENT FAILURE	Non-storm
SE23121900522	FWNC2155	2023	2023-12-19 13:45:56	2023-12-19 15:12:17	1	30.35	PLANNED INTENTIONAL	Non-storm
NW23121900486	SPFN8842	2023	2023-12-19 13:48:28	2023-12-19 15:44:00	1	65.53	PLANNED INTENTIONAL	Non-storm
SE23121900087	BLTM1454	2023	2023-12-19 14:00:45	2023-12-19 14:16:50	1	16.08	TREEBROW	Non-storm
NW23121900511	IND08132	2023	2023-12-19 14:05:13	2023-12-19 14:55:33	1	14.07	NO ISSUES FOUND	Non-storm
NW23121900525	IND08164	2023	2023-12-19 14:05:20	2023-12-19 14:17:02	25	374.24	NO ISSUES FOUND	Non-storm
NW23121900512	IND08164	2023	2023-12-19 14:05:56	2023-12-19 14:17:02	14	21.1	NO ISSUES FOUND	Non-storm
SE23121900526	TWEM1938	2023	2023-12-19 14:05:58	2023-12-19 14:16:02	1	14.07	NO ISSUES FOUND	Non-storm
NW23121900513	IND08164	2023	2023-12-19 14:05:59	2023-12-19 14:17:01	1	15.02	PLANNED INTENTIONAL	Non-storm
NW23121900515	CULF8186	2023	2023-12-19 14:06:26	2023-12-19 14:30:45	1	24.32	PLANNED INTENTIONAL	Non-storm
NW23121900734	CAPA08013	2023	2023-12-19 14:19:34	2023-12-19 23:41:36	1	594.92	EQUIPMENT FAILURE	Non-storm
SE23121900497	PERU9440	2023	2023-12-19 14:20:02	2023-12-19 15:01:13	1	30.18	PLANNED INTENTIONAL	Non-storm
SE23121900484	GENS2147	2023	2023-12-19 14:25:22	2023-12-19 14:35:21	1	9.98	EQUIPMENT FAILURE	Non-storm
SE23121900627	GRDV2220	2023	2023-12-19 14:53:18	2023-12-19 15:41:18	1	48	PLANNED INTENTIONAL	Non-storm
NW23121900618	SPFN8842	2023	2023-12-19 14:56:50	2023-12-19 15:20:48	1	122.25	PLANNED INTENTIONAL	Non-storm
NW23121900346	BAD0X0311	2023	2023-12-19 16:06:10	2023-12-19 17:19:42	1	53.53	EQUIPMENT FAILURE	Non-storm
SE231219001071	GRDV1299	2023	2023-12-19 16:39:56	2023-12-19 20:31:29	32	6193.31	EQUIPMENT FAILURE	Non-storm
NW23121900529	BERN02645	2023	2023-12-19 16:42:22	2023-12-19 17:12:23	1	21.15	EQUIPMENT FAILURE	Non-storm
SE23121900806	GRDV1182	2023	2023-12-19 17:50:18	2023-12-19 20:11:26	1	160.88	NO ISSUES FOUND	Non-storm
SE231219001353	ECOR52103	2023	2023-12-19 18:00:47	2023-12-19 18:06:39	1	5.87	NO ISSUES FOUND	Non-storm
NW23121900789	WMLN79013	2023	2023-12-19 18:18:35	2023-12-19 18:47:30	149	5766.57	TROUBLE INTENTIONAL	Non-storm
NW23121900779	KOCH09512	2023	2023-12-19 18:20:47	2023-12-19 19:50:15	1	490.16	EQUIPMENT FAILURE	Non-storm
SW23121900816	SALN9867	2023	2023-12-19 19:55:45	2023-12-20 04:53:54	55	14546.31	EQUIPMENT FAILURE	Non-storm
SW23121900004	SALN9867	2023	2023-12-19 19:55:50	2023-12-20 04:53:03	1	537.22	EQUIPMENT FAILURE	Non-storm
NW23121900800	COMU09255	2023	2023-12-19 20:26:24	2023-12-20 11:56:50	34	12658.66	TROUBLE INTENTIONAL	Non-storm
SE23121900155	FWNC4317	2023	2023-12-19 21:14:40	2023-12-20 07:07:17	1	28.48	PLANNED INTENTIONAL	Non-storm
SE23121900850	PURT12446	2023	2023-12-19 21:17:35	2023-12-20 08:48:01	1	691.43	TREEBROW	Non-storm
NW23121900752	HANC8142	2023	2023-12-19 21:18:47	2023-12-20 02:30:26	2	595.27	EQUIPMENT FAILURE	Non-storm
SE23121900797	LAUD1272	2023	2023-12-19 21:55:50	2023-12-19 22:10:11	1	14.68	PLANNED INTENTIONAL	Non-storm
SE23121900739	MEYS1896	2023	2023-12-19 21:57:46	2023-12-19 22:16:05	1	18.32	CUSTOMER EQUIPMENT FAILURE	Non-storm
SE23121900149	ALNP2090	2023	2023-12-19 22:03:37	2023-12-19 22:20:29	1	18.87	EQUIPMENT FAILURE	Non-storm
SE23121900054	GENS2176	2023	2023-12-19 22:11:06	2023-12-19 22:36:59	1	5.86	NO ISSUES FOUND	Non-storm
SE23121900879	COR51157	2023	2023-12-19 22:39:36	2023-12-20 09:41:28	1	661.87	EQUIPMENT FAILURE	Non-storm
SW23121900861	OMAH8215	2023	2023-12-19 22:52:40	2023-12-20 02:01:06	59	11105.15	EQUIPMENT FAILURE	Non-storm
NW23121900700	BRK063717	2023	2023-12-19 23:23:37	2023-12-20 01:50:00	152	11882.35	EQUIPMENT FAILURE	Non-storm
SE23121900883	CHT51159	2023	2023-12-20 03:00:53	2023-12-20 03:07:07	1	6.21	EQUIPMENT FAILURE	Non-storm
NW23121900099	STFR09051	2023	2023-12-20 08:21:38	2023-12-20 13:10:06	1	288.47	ANIMAL	Non-storm
NW23121900070	TBL07001	2023	2023-12-20 08:21:54	2023-12-20 10:30:40	1	126.77	PUBLIC INTERFERENCE	Non-storm
NW23121900100	TBL07001	2023	2023-12-20 08:21:57	2023-12-20 10:30:24	1	126.78	PUBLIC INTERFERENCE	Non-storm
NW23121900065	TBL07001	2023	2023-12-20 08:24:03	2023-12-20 10:30:53	2	253.55	PUBLIC INTERFERENCE	Non-storm
SE23121900077	LAMB1524	2023	2023-12-20 08:46:32	2023-12-20 09:27:53	1	41.35	PLANNED INTENTIONAL	Non-storm
NW23121900823	CAPA08013	2023	2023-12-20 09:17:58	2023-12-20 18:50:33	48	3876.88	EQUIPMENT FAILURE	Non-storm
NW23121900215	null	2023	2023-12-20 09:06					

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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SW2312200080	PIONR9787	2023	2023-12-20 14:06:21	2023-12-20 16:05:34	3	357.64	ANIMAL	Non-storm
NW2312200061	ALPNE8921	2023	2023-12-20 14:07:05	2023-12-20 14:31:29	1	24.4	PLANNED INTENTIONAL	Non-storm
NW2312200028	ROBIN9309	2023	2023-12-20 14:10:24	2023-12-20 20:28:36	2	766.4	EQUIPMENT FAILURE	Non-storm
NW2312200044	HURST9826	2023	2023-12-20 14:15:07	2023-12-20 14:25:26	1	10.42	EQUIPMENT FAILURE	Non-storm
SW2312200002	PERU8440	2023	2023-12-20 14:40:43	2023-12-20 15:37:46	1	57.05	PLANNED INTENTIONAL	Non-storm
NW2312200033	HLUF0945	2023	2023-12-20 15:01:56	2023-12-20 17:39:53	1	153.48	ANIMAL	Non-storm
NW2312200096	ALPNE8921	2023	2023-12-20 15:06:24	2023-12-20 16:28:00	1	73.43	PLANNED INTENTIONAL	Non-storm
SW2312200032	SOLF0908	2023	2023-12-20 15:16:34	2023-12-20 17:19:12	3	367.23	ANIMAL	Non-storm
SW2312200043	SOLF0912	2023	2023-12-20 15:16:50	2023-12-20 17:19:15	3	367.24	EQUIPMENT FAILURE	Non-storm
NW2122000636	SAVOY9711	2023	2023-12-20 15:17:48	2023-12-20 16:52:12	15	1414.16	ANIMAL	Non-storm
SW23122000791	WHTT0071	2023	2023-12-20 15:22:26	2023-12-20 18:18:46	6	515.74	TREEBROW	Non-storm
SE23122000821	CUHRI2809	2023	2023-12-20 16:31:06	2023-12-20 19:37:25	1	1607.47	EQUIPMENT FAILURE	Non-storm
NW23122000794	NOLAN9790	2023	2023-12-20 16:46:16	2023-12-20 17:40:22	2	137.94	ANIMAL	Non-storm
NW23122000802	NOLAN9790	2023	2023-12-20 16:46:19	2023-12-20 17:50:18	1	63.98	EQUIPMENT FAILURE	Non-storm
SW23122000750	POPLR885	2023	2023-12-20 16:55:09	2023-12-20 19:19:34	1	144.42	EQUIPMENT FAILURE	Non-storm
NW23122000822	AGUST0312	2023	2023-12-20 16:58:30	2023-12-20 17:09:25	1	10.92	EQUIPMENT FAILURE	Non-storm
NW23122000813	CHNTY905	2023	2023-12-20 16:58:48	2023-12-21 11:30:35	1	1111.78	EQUIPMENT FAILURE	Non-storm
SE23122000788	WHTR2809	2023	2023-12-20 18:04:52	2023-12-20 21:10:13	13	2500.28	EQUIPMENT FAILURE	Non-storm
SE23122000742	WYNNL161	2023	2023-12-20 19:02:25	2023-12-20 19:15:42	1	12.28	EQUIPMENT FAILURE	Non-storm
SE23122000752	CAPA0033	2023	2023-12-20 19:38:38	2023-12-20 20:06:46	1	28.18	EQUIPMENT FAILURE	Non-storm
SE23122000689	REDFD1285	2023	2023-12-20 22:12:34	2023-12-20 22:36:39	1	24.08	EQUIPMENT FAILURE	Non-storm
NW23122100008	PERU8440	2023	2023-12-21 00:34:46	2023-12-21 10:40:02	1	605.27	EQUIPMENT FAILURE	Non-storm
SW23122100054	POPLR885	2023	2023-12-21 07:42:44	2023-12-21 09:34:29	2	1451.72	EQUIPMENT FAILURE	Non-storm
NW23122100078	NMNM2474	2023	2023-12-21 08:28:15	2023-12-21 08:43:10	1	14.92	PLANNED INTENTIONAL	Non-storm
NW23122100091	CASV18819	2023	2023-12-21 08:41:03	2023-12-21 11:45:55	14	2386.04	ANIMAL	Non-storm
SW23122100107	SAUN9794	2023	2023-12-21 08:41:42	2023-12-21 10:08:34	1	120.87	PUBLIC INTERFERENCE	Non-storm
NW23122100125	VERNR2043	2023	2023-12-21 08:59:05	2023-12-21 09:08:17	1	9.2	EQUIPMENT FAILURE	Non-storm
NW23122100119	MILTH0302	2023	2023-12-21 09:19:21	2023-12-21 10:47:30	1	88.15	NO ISSUES FOUND	Non-storm
SW23122100168	RENC0297	2023	2023-12-21 09:44:54	2023-12-21 13:06:43	1	234.82	EQUIPMENT FAILURE	Non-storm
SE23122010147	ULFJF23155	2023	2023-12-21 09:42:30	2023-12-21 12:02:37	1	140.12	PLANNED INTENTIONAL	Non-storm
NW23122100120	SPNKE882	2023	2023-12-21 09:46:45	2023-12-21 09:57:10	1	10.42	PLANNED INTENTIONAL	Non-storm
NW23122100152	COLF8186	2023	2023-12-21 09:55:28	2023-12-21 10:52:48	1	57.33	PLANNED INTENTIONAL	Non-storm
SE23122100162	GDRV0220	2023	2023-12-21 10:21:09	2023-12-21 11:58:54	1	109.13	PLANNED INTENTIONAL	Non-storm
SE23122010173	GNSTN1319	2023	2023-12-21 10:21:09	2023-12-21 11:40:01	1	52.87	PLANNED INTENTIONAL	Non-storm
SE23122100182	GDRV0250	2023	2023-12-21 10:26:23	2023-12-21 11:24:50	1	58.45	PLANNED INTENTIONAL	Non-storm
SE23122100197	AMBT1514	2023	2023-12-21 10:58:52	2023-12-21 11:07:29	1	38.62	NO ISSUES FOUND	Non-storm
NW23122100207	ALPNE8921	2023	2023-12-21 10:33:45	2023-12-21 10:52:35	1	18.83	PLANNED INTENTIONAL	Non-storm
NW23122100164	PNGV0325	2023	2023-12-21 10:36:48	2023-12-21 11:43:49	1	67.1	PLANNED INTENTIONAL	Non-storm
SW23122100187	GLBR71937	2023	2023-12-21 10:39:15	2023-12-21 12:10:51	1	51.62	PLANNED INTENTIONAL	Non-storm
SW23122100212	GLBR71937	2023	2023-12-21 10:39:15	2023-12-21 12:10:51	2	183.2	PLANNED INTENTIONAL	Non-storm
SW23122100344	GLBR71937	2023	2023-12-21 10:39:56	2023-12-21 13:41:01	1	181.08	PLANNED INTENTIONAL	Non-storm
NW23122100198	WOLFH8822	2023	2023-12-21 10:50:36	2023-12-21 12:08:07	1	77.52	PLANNED INTENTIONAL	Non-storm
NW23122100200	AMMA0302	2023	2023-12-21 11:01:26	2023-12-21 11:01:26	1	6.27	PLANNED INTENTIONAL	Non-storm
NW23122100273	NUNU1936	2023	2023-12-21 11:02:36	2023-12-21 11:44:25	1	41.82	EQUIPMENT FAILURE	Non-storm
SE23122100218	KENT0046	2023	2023-12-21 11:04:58	2023-12-21 12:21:51	1	76.88	PLANNED INTENTIONAL	Non-storm
SE23122100219	KENT0046	2023	2023-12-21 11:05:06	2023-12-21 12:21:59	1	76.88	PLANNED INTENTIONAL	Non-storm
NW23122100117	ORION0866	2023	2023-12-21 11:08:38	2023-12-21 11:31:52	1	23.23	TREEBROW	Non-storm
SE23122100295	GDRV1297	2023	2023-12-21 11:33:33	2023-12-21 13:49:40	1	136.12	TROUBLE INTENTIONAL	Non-storm
SE23122100236	GDRV1297	2023	2023-12-21 11:33:33	2023-12-21 13:49:48	10	1354.81	PLANNED INTENTIONAL	Non-storm
SE23122100234	LWNW01103	2023	2023-12-21 11:34:03	2023-12-21 02:09:00	1	3499.31	Non-storm	Non-storm
SE23122100650	LWNW01103	2023	2023-12-21 11:34:03	2023-12-22 02:09:04	20	17496.73	PLANNED INTENTIONAL	Non-storm
SE23122100228	ROSV1756	2023	2023-12-21 11:44:04	2023-12-21 13:11:46	1	787.97	PLANNED INTENTIONAL	Non-storm
SW23122100252	GLBR71931	2023	2023-12-21 11:53:31	2023-12-21 12:05:58	1	24.9	PLANNED INTENTIONAL	Non-storm
NW23122100245	INDR1814	2023	2023-12-21 11:58:22	2023-12-21 12:06:46	2	16.8	PLANNED INTENTIONAL	Non-storm
SE23122100268	AMMA0302	2023	2023-12-21 12:23:29	2023-12-21 12:46:17	1	13.8	PLANNED INTENTIONAL	Non-storm
NW23122100256	NMNM2474	2023	2023-12-21 12:23:29	2023-12-21 13:21:00	1	43.72	PLANNED INTENTIONAL	Non-storm
NW23122100286	COLF8186	2023	2023-12-21 12:47:45	2023-12-21 14:06:52	1	79.12	PLANNED INTENTIONAL	Non-storm
SE23122100287	ROUTN9819	2023	2023-12-21 12:49:41	2023-12-21 13:36:51	1	53.75	EQUIPMENT FAILURE	Non-storm
NW23122100318	CHD12641	2023	2023-12-21 13:00:20	2023-12-21 15:13:48	1	133.47	EQUIPMENT FAILURE	Non-storm
SE23122100323	LWNW02142	2023	2023-12-21 13:00:30	2023-12-21 16:59:24	414	98776.06	EQUIPMENT FAILURE	Non-storm
SE2312200148	STOPI1078	2023	2023-12-21 13:00:38	2023-12-21 16:58:28	1	237.83	EQUIPMENT FAILURE	Non-storm
SW23122100296	COLF8186	2023	2023-12-21 13:03:00	2023-12-21 14:45:59	2	205.36	PLANNED INTENTIONAL	Non-storm
SE23122100205	CORT11015	2023	2023-12-21 13:18:04	2023-12-21 13:34:53	1	18.82	PLANNED INTENTIONAL	Non-storm
NW23122100533	CODY8824	2023	2023-12-21 13:27:36	2023-12-21 15:25:05	1	117.48	LIGHTNING	Non-storm
NW23122100404	CODY8824	2023	2023-12-21 13:27:37	2023-12-21 15:25:06	1	117.48	LIGHTNING	Non-storm
NW23122100389	CODY8824	2023	2023-12-21 13:27:43	2023-12-21 15:26:22	1	9902.56	LIGHTNING	Non-storm
NW23122100393	CODY8824	2023	2023-12-21 13:27:48	2023-12-21 15:22:56	1	115.13	LIGHTNING	Non-storm
NW23122100366	PNGV0325	2023	2023-12-21 13:39:15	2023-12-21 14:50:53	1	77.63	PLANNED INTENTIONAL	Non-storm
NW23122100582	BRUC8993	2023	2023-12-21 13:39:39	2023-12-21 22:17:23	1	517.79	NO ISSUES FOUND	Non-storm
NW23122100558	WMSTN057	2023	2023-12-21 13:45:01	2023-12-21 14:24:38	1	39.62	PLANNED INTENTIONAL	Non-storm
NW23122100594	MALTA1930	2023	2023-12-21 13:52:00	2023-12-21 16:20:55	336	49944.98	EQUIPMENT FAILURE	Non-storm
SW23122100421	PERU8440	2023	2023-12-21 13:53:22	2023-12-21 15:38:40	1	105.3	PLANNED INTENTIONAL	Non-storm
NW23122100420	ALPNE8921	2023	2023-12-21 13:53:22	2023-12-21 14:24:09	1	105.45	PLANNED INTENTIONAL	Non-storm
NW23122100449	ALPNE8921	2023	2023-12-21 13:57:21	2023-12-21 14:23:28	1	26.12	NO ISSUES FOUND	Non-storm
NW23122100061	CRWF09083	2023	2023-12-21 14:01:24	2023-12-21 14:09:50	1	8.41	EQUIPMENT FAILURE	Non-storm
SE23122100446	GLEND2025	2023	2023-12-21 14:14:20	2023-12-21 15:15:36	1	61.77	PLANNED INTENTIONAL	Non-storm
NW23122100459	BOYNE8739	2023	2023-12-21 14:17:51	2023-12-21 14:24:35	1	6.79	PLANNED INTENTIONAL	Non-storm
NW23122100440	TAMKR9096	2023	2023-12-21 14:23:07	2023-12-22 09:02:43	1	1120.6	EQUIPMENT FAILURE	Non-storm
SW23122100503	HASK1169	2023	2023-12-21 14:57:02	2023-12-21 17:06:13	66	8513.14	EQUIPMENT FAILURE	Non-storm
NW23122100495	WYNE8739	2023	2023-12-21 15:11:26	2023-12-21 15:22:58	1	8.62	PLANNED INTENTIONAL	Non-storm
SE23122100437	ESTDL1149	2023	2023-12-21 15:18:18	2023-12-21 15:41:44	1	22.43	CUSTOMER EQUIPMENT	Non-storm
SE23122100541	ANNK1588	2023	2023-12-21 16:16:48	2023-12-21 19:33:43	1	154.92	WIND	Non-storm
NW23122000847	CHORC507	2023	2023-12-21 17:08:37	2023-12-21 17:12:17	1	12.83	WIND	Non-storm
SW23122100589	FRMTN1712	2023	2023-12-21 17:17:51	2023-12-22 13:46:02	13	14928.79	Non-storm	Non-storm
NW23122100673	YALE2633	2023	2023-12-21 17:52:44	2023-12-21 18:08:30	124	2268.43	PLANNED INTENTIONAL	Non-storm
SE23122100696	FLUTS075	2023	2023-12-21 19:20:55	2023-12-21 20:16:00	15	690.28	TROUBLE INTENTIONAL	Non-storm
NW23122100699	BECKR889	2023	2023-12-21 19:36:20	2023-12-21 20:26:26	42	2107.12	TROUBLE INTENTIONAL	Non-storm
NW23122100700	BECKR889	2023	2023-12-21 19:36:21	2023-12-21 20:26:26	2	100.16	TREEBROW	Non-storm
SW23122100718	FRMTN1712	2023	2023-12-21 20:17:42	2023-12-22 13:45:08	1	102.48	NO CAUSE	Non-storm
SW23122100222	FRMTN1736	2023	2023-12-21 20:18:56	2023-12-21 13:55:26	12	13977.17	EQUIPMENT FAILURE	Non-storm
NW2312200001	MACM8506	2023	2023-12-22 00:10:10	2023-12-22 03:47:34	120	21237.84	EQUIPMENT FAILURE	Non-storm
NW23122100008	MACM8506	2023	2023-12-22 00:10:15	2023-12-22 03:47:43	2	452.64	EQUIPMENT FAILURE	Non-storm
NW23122100056	CCDLR809	2023	2023-12-22 00:18:32	2023-12-22 08:15:55	1	136.51	ANIMAL	Non-storm
SE2312200039	FOX1648	2023	2023-12-22 08:33:37	2023-12-22 11:13:58	1	79.88	TREEBROW	Non-storm
NW23122100068	MALTA1843	2023	2023-12-22 08:34:38	2023-12-22 09:20:24	58	2633.5	ANIMAL	Non-storm
NW23122100219	WOLFH8822	2023	2023-12-22 08:38:32	2023-12-22 12:43:19	2	224.18	OTHER UTILITY EQUIP	Non-storm
NW23122100105	WOLFH8822	2023	2023-12-22 08:58:35	2023-12-22 12:43:21	1	224.77	TREEBROW	Non-storm
NW23122100245	WOLFH8822	2023	2023-12-22 08:58:35	2023-12-22 12:43:21	1	224.77	TREEBROW	Non-storm
SE23122001026	KENT0046	2023	2023-12-22 09					

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NE2312200284	MTMRA8035	2023	2023-12-23 08:55:46	2023-12-23 15:19:46	1	384	NO ISSUES FOUND	Non-storm
NE2312200282	HARRP2575	2023	2023-12-23 09:04:01	2023-12-23 14:33:15	21	6244.58	EQUIPMENT FAILURE	Non-storm
NE2312200108	HARRP2575	2023	2023-12-23 09:04:02	2023-12-23 14:26:17	25	7473.25	EQUIPMENT FAILURE	Non-storm
NE2312200200	HARRP2575	2023	2023-12-23 09:04:02	2023-12-23 14:31:30	12	3661.15	EQUIPMENT FAILURE	Non-storm
SW2312200124	SUMTR9488	2023	2023-12-23 09:05:01	2023-12-23 11:40:47	162	24946.53	EQUIPMENT FAILURE	Non-storm
SE2312200103	DESDP1240	2023	2023-12-23 09:40:29	2023-12-23 09:46:13	39	5.9	EQUIPMENT FAILURE	Non-storm
SE2312200215	CHYTR9293	2023	2023-12-23 09:45:48	2023-12-23 10:20:09	1	34.35	TREEBROW	Non-storm
NE2312200218	BRAYR780	2023	2023-12-23 09:49:36	2023-12-23 13:31:26	1	182.4	EQUIPMENT FAILURE	Non-storm
NW2312200324	ELMH480	2023	2023-12-23 10:04:59	2023-12-23 11:50:15	1	105.17	ANIMAL	Non-storm
SW2312200216	ELMH480	2023	2023-12-23 10:07:20	2023-12-23 12:12:34	10	1064.54	PLANNED INTENTIONAL	Non-storm
SE2312200232	FERNQ2698	2023	2023-12-23 10:51:17	2023-12-23 13:10:34	17	2354.49	PLANNED INTENTIONAL	Non-storm
SE2312200233	FERNQ2698	2023	2023-12-23 10:51:18	2023-12-23 13:10:36	11	1529.93	PLANNED INTENTIONAL	Non-storm
SW2312200261	HEMLX1910	2023	2023-12-23 11:19:46	2023-12-23 12:46:02	2	173.52	NO ISSUES FOUND	Non-storm
SW2312200247	HEMLX1910	2023	2023-12-23 11:19:46	2023-12-23 12:46:02	1	86.27	NO ISSUES FOUND	Non-storm
NE2312200195	ASPERN811	2023	2023-12-23 11:21:37	2023-12-23 12:13:46	1	52.15	EQUIPMENT FAILURE	Non-storm
SE2312200676	PURTR1173	2023	2023-12-23 12:06:17	2023-12-23 12:35:40	1	20.38	EQUIPMENT FAILURE	Non-storm
NW2312200206	CYLD8910	2023	2023-12-23 12:07:49	2023-12-23 14:57:37	1	169.8	ANIMAL	Non-storm
NE2312200281	CAVSU8819	2023	2023-12-23 12:38:47	2023-12-23 14:25:14	10	1061.17	EQUIPMENT FAILURE	Non-storm
SW2312200310	UMAR9891	2023	2023-12-23 13:09:56	2023-12-23 15:22:48	1	132.87	EQUIPMENT FAILURE	Non-storm
SE2312200313	VILA1555	2023	2023-12-23 13:16:41	2023-12-23 14:11:53	1	46.34	EQUIPMENT FAILURE	Non-storm
SE2312200320	GDRIV0495	2023	2023-12-23 13:21:03	2023-12-23 20:36:25	1	435.37	EQUIPMENT FAILURE	Non-storm
NE2312200308	VICTH847	2023	2023-12-23 13:21:28	2023-12-23 18:29:31	1	308.65	EQUIPMENT FAILURE	Non-storm
SW2312200317	SRAC1903	2023	2023-12-23 14:18:11	2023-12-23 16:39:33	1	43.17	NO ISSUES FOUND	Non-storm
SE2312200271	REDFO1241	2023	2023-12-23 14:34:43	2023-12-23 14:45:22	1	10.65	CUSTOMER EQUIPMENT	Non-storm
SW2312200332	FREDM9808	2023	2023-12-23 14:48:22	2023-12-23 22:26:20	1	457.97	EQUIPMENT FAILURE	Non-storm
NE2312200335	ROYNRE12	2023	2023-12-23 14:58:56	2023-12-23 17:05:02	2	15.2	EQUIPMENT FAILURE	Non-storm
SW2312200357	SPRU0843	2023	2023-12-23 16:13:33	2023-12-23 17:34:26	114	9199.18	TREEBROW	Non-storm
NW2312200316	WATFD9867	2023	2023-12-23 16:32:39	2023-12-23 17:00:12	1	27.55	TREEBROW	Non-storm
NE2312200378	RIMR8807	2023	2023-12-23 16:33:15	2023-12-23 18:36:26	48	5932.19	PUBLIC INTERFERENCE	Non-storm
SE2312200355	BERKY2681	2023	2023-12-23 17:15:19	2023-12-23 17:29:03	13	175.43	EQUIPMENT FAILURE	Non-storm
SW2312200216	BRETS9314	2023	2023-12-23 18:18:14	2023-12-24 13:39:00	1	1160.77	EQUIPMENT FAILURE	Non-storm
SW2312200343	OKRDO3678	2023	2023-12-23 19:45:18	2023-12-23 20:04:26	1	19.13	EQUIPMENT FAILURE	Non-storm
SE2312200440	BRZAL8853	2023	2023-12-23 19:45:18	2023-12-23 22:28:35	1	21.36	EQUIPMENT FAILURE	Non-storm
NE2312200472	MACMB8506	2023	2023-12-23 23:34:40	2023-12-24 09:27:36	120	68591.81	EQUIPMENT FAILURE	Non-storm
NW2312200205	WHTLR0009	2023	2023-12-24 00:24:25	2023-12-24 08:35:47	1	473.37	EQUIPMENT FAILURE	Non-storm
NW2312200450	WHTLR0009	2023	2023-12-24 09:26:09	2023-12-24 08:34:51	25	172.43	EQUIPMENT FAILURE	Non-storm
SW2312200405	TYLXR286	2023	2023-12-24 03:39:41	2023-12-24 06:21:21	2	323.28	EQUIPMENT FAILURE	Non-storm
SW2312200404	TYLXR286	2023	2023-12-24 03:39:52	2023-12-24 06:21:31	1	161.65	EQUIPMENT FAILURE	Non-storm
SW2312200400	SHICE5510	2023	2023-12-24 04:14:44	2023-12-24 09:27:41	7	2211.06	EQUIPMENT FAILURE	Non-storm
SW2312200301	DMNR9866	2023	2023-12-24 06:05:07	2023-12-24 08:12:02	1	130.92	NO ISSUES FOUND	Non-storm
SW2312200408	KNGS0310	2023	2023-12-24 06:01:08	2023-12-24 08:12:17	41	5345.94	EQUIPMENT FAILURE	Non-storm
SW2312200407	TYANR0388	2023	2023-12-24 06:05:07	2023-12-24 06:20:23	1	15.27	NO ISSUES FOUND	Non-storm
SW2312200454	TYLXR286	2023	2023-12-24 06:05:09	2023-12-24 06:21:32	62	17566.03	EQUIPMENT FAILURE	Non-storm
SW2312200476	TYLXR286	2023	2023-12-24 06:05:10	2023-12-24 06:21:29	32	518.48	TROUBLE INTENTIONAL	Non-storm
SW2312200071	TYLXR286	2023	2023-12-24 06:05:11	2023-12-24 06:21:23	1	16.2	EQUIPMENT FAILURE	Non-storm
SW2312200072	TYLXR286	2023	2023-12-24 06:05:11	2023-12-24 06:21:29	1	550.19	TROUBLE INTENTIONAL	Non-storm
NW2312200069	DAVISR202	2023	2023-12-24 06:12:56	2023-12-24 09:28:17	6	1169.51	EQUIPMENT FAILURE	Non-storm
NW2312200089	COMLU9525	2023	2023-12-24 06:46:15	2023-12-24 09:09:27	30	7009.79	EQUIPMENT FAILURE	Non-storm
NW2312200403	MULP2947	2023	2023-12-24 07:46:24	2023-12-24 09:09:28	49	3136.55	EQUIPMENT FAILURE	Non-storm
NW2312200102	MULP2947	2023	2023-12-24 07:46:36	2023-12-24 09:34:06	39	623.78	EQUIPMENT FAILURE	Non-storm
SW2312200106	PERU9432	2023	2023-12-24 07:52:17	2023-12-24 11:46:10	4	7759.62	EQUIPMENT FAILURE	Non-storm
SW2312200108	PERU9432	2023	2023-12-24 07:52:18	2023-12-24 11:43:48	6	771.59	NO ISSUES FOUND	Non-storm
NW2312200044	CULF0980	2023	2023-12-24 07:55:29	2023-12-24 08:12:53	2	52.06	EQUIPMENT FAILURE	Non-storm
NW2312200118	MULP2947	2023	2023-12-24 08:17:34	2023-12-24 13:00:50	1	161.93	NO ISSUES FOUND	Non-storm
NW2312200116	SINCA8890	2023	2023-12-24 08:25:49	2023-12-24 09:37:00	55	5008.99	EQUIPMENT FAILURE	Non-storm
NW2312200118	SINCA8890	2023	2023-12-24 08:25:56	2023-12-24 09:37:00	2	182.16	NO ISSUES FOUND	Non-storm
NE2312200153	HARRP2407	2023	2023-12-24 09:05:35	2023-12-24 09:45:28	13	515.86	ANIMAL	Non-storm
NE2312200150	HARRP2515	2023	2023-12-24 09:05:38	2023-12-24 09:45:31	110	4365.22	ANIMAL	Non-storm
NW2312200051	GRHFR983	2023	2023-12-24 09:08:29	2023-12-24 10:07:34	1	58.08	EQUIPMENT FAILURE	Non-storm
NE2312200155	AMRAQ0302	2023	2023-12-24 09:23:31	2023-12-24 11:09:57	1	106.4	EQUIPMENT FAILURE	Non-storm
SE2312200095	BRZAL8833	2023	2023-12-24 09:25:03	2023-12-24 11:57:46	1	33.34	EQUIPMENT FAILURE	Non-storm
NW2312200156	WLNJR7013	2023	2023-12-24 09:25:07	2023-12-24 11:16:13	18	1992.88	NO ISSUES FOUND	Non-storm
SW2312200168	FOUVR9720	2023	2023-12-24 09:26:09	2023-12-24 16:43:39	1	741.36	EQUIPMENT FAILURE	Non-storm
SE2312200450	OUTDR1304	2023	2023-12-24 09:38:35	2023-12-24 09:57:41	1	18.1	EQUIPMENT FAILURE	Non-storm
NW2312200177	VERNR1257	2023	2023-12-24 09:50:53	2023-12-24 14:45:53	8	2110.86	EQUIPMENT FAILURE	Non-storm
NW2312200170	VERNR1257	2023	2023-12-24 09:50:50	2023-12-24 11:21:17	4	422.77	ANIMAL	Non-storm
SE2312200200	VERNR1257	2023	2023-12-24 10:14:13	2023-12-24 12:34:31	1	21.6	EQUIPMENT FAILURE	Non-storm
SW2312200185	SALEM9926	2023	2023-12-24 10:20:52	2023-12-24 11:49:52	16	1419.92	TREEBROW	Non-storm
NW2312200193	COMLU9539	2023	2023-12-24 10:36:42	2023-12-24 16:32:48	17	5679.38	EQUIPMENT FAILURE	Non-storm
NW2312200223	TYLXR286	2023	2023-12-24 11:45:25	2023-12-24 12:15:48	1	66.18	EQUIPMENT FAILURE	Non-storm
SE2312200218	PNGM0400	2023	2023-12-24 11:46:30	2023-12-24 12:52:24	10	622.02	EQUIPMENT FAILURE	Non-storm
NE2312200228	PNGM0400	2023	2023-12-24 12:01:03	2023-12-24 12:52:25	25	866.43	EQUIPMENT FAILURE	Non-storm
NE2312200205	LAKSD2540	2023	2023-12-24 12:06:14	2023-12-24 13:07:50	1	115.96	EQUIPMENT FAILURE	Non-storm
NW2312200232	MULP2947	2023	2023-12-24 12:26:14	2023-12-24 13:23:26	30	1691.04	EQUIPMENT FAILURE	Non-storm
SW2312200231	MULP2946	2023	2023-12-24 12:26:16	2023-12-24 13:23:12	6	318.33	EQUIPMENT FAILURE	Non-storm
SE2312200118	WHTLR0018	2023	2023-12-24 12:34:53	2023-12-24 12:56:38	1	15.5	EQUIPMENT FAILURE	Non-storm
SE2312200426	TURNR148	2023	2023-12-24 15:20:39	2023-12-24 15:56:18	1	15.65	EQUIPMENT FAILURE	Non-storm
NE2312200266	ORIONR866	2023	2023-12-24 15:32:45	2023-12-24 17:20:33	12	1292.4	EQUIPMENT FAILURE	Non-storm
NE2312200289	WORTH021	2023	2023-12-24 16:03:42	2023-12-24 18:06:03	45	4060.35	EQUIPMENT FAILURE	Non-storm
NW2312200209	NOLAQ9839	2023	2023-12-24 17:07:57	2023-12-24 21:04:12	22	5093.22	EQUIPMENT FAILURE	Non-storm
NW2312200526	HANCK0045	2023	2023-12-24 17:39:09	2023-12-24 21:33:00	1	233.85	EQUIPMENT FAILURE	Non-storm
NE2312200342	STEPH8077	2023	2023-12-24 17:52:12	2023-12-25 09:49:45	1	557.55	EQUIPMENT FAILURE	Non-storm
SW2312200323	CHRONR596	2023	2023-12-24 17:56:17	2023-12-24 20:36:42	2	200.8	EQUIPMENT FAILURE	Non-storm
SW2312200322	CALLA9923	2023	2023-12-24 17:59:04	2023-12-24 19:56:20	108	11993.98	TREEBROW	Non-storm
SW2312200329	CALLA9923	2023	2023-12-24 18:00:58	2023-12-24 19:50:28	14	1528.17	TREEBROW	Non-storm
SW2312200347	WHTLR0016	2023	2023-12-24 19:22:16	2023-12-25 04:33:12	12	6117.86	EQUIPMENT FAILURE	Non-storm
NW2312200357	ELCULR084	2023	2023-12-24 19:29:36	2023-12-24 22:30:29	22	3962.05	EQUIPMENT FAILURE	Non-storm
SE2312200361	CORTL0673	2023	2023-12-24 21:19:36	2023-12-24 21:28:13	1	8.62	EQUIPMENT FAILURE	Non-storm
SW2312200370	SNEF7947	2023	2023-12-24 21:46:40	2023-12-25 04:23:56	13	3610.35	EQUIPMENT FAILURE	Non-storm
NW2312200511	HAMLR0044	2023	2023-12-25 00:24:40	2023-12-25 03:10:44	1	143907.48	EQUIPMENT FAILURE	Non-storm
NW2312200021	DOVERR204	2023	2023-12-25 00:24:50	2023-12-25 03:10:59	2	331.95	NO ISSUES FOUND	Non-storm
NW2312200098	CYLD8910	2023	2023-12-25 06:36:35	2023-12-25 16:58:44	1	623.15	ANIMAL	Non-storm
SE2312200049	FOCK2676	2023	2023-12-25 08:58:58	2023-12-25 11:24:18	1	195.13	EQUIPMENT FAILURE	Non-storm
COMLU9524	COMLU9524	2023	2023-12-25 08:26:09	2023-12-25 11:50:21	3	630.16	EQUIPMENT FAILURE	Non-storm
NW2312200081	STRFP0993	2023	2023-12-25 08:38:59	2023-12-25 15:07:39	1	388.67	ANIMAL	Non-storm
NE2312200223	CHESR513	2023	2023-12-25 18:03:27	2023-12-25 18:03:27	1	584.4	EQUIPMENT FAILURE	Non-storm
SE2312200383	BALFR2038	2023	2023-12-25 08:55:11	2023-12-25 09:17:08	1	25.95	EQUIPMENT FAILURE	Non-storm
NE2312200087	STEPH8077	2023	2023-12-25 08:54:00	2023-12-25 09:37:05	17	726.21	ANIMAL	Non-storm
NW2312200088	WHTLR0023	2023	2023-12-25 08:55:06	2023-12-25 10:09:24	1	286.48	ANIMAL	Non-storm
SE2312200048	BYRGN1257	2023	2023-12-25 08:56:24	2023-				

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NE23122600745	SHAW0312	2023	2023-12-26 08:36:10	2023-12-26 22:05:06	1	808.93	EQUIPMENT FAILURE	Non-storm
NW23122600501	HAMB69943	2023	2023-12-26 09:41:48	2023-12-26 15:51:32	1	369.73	TREEBLOW	Non-storm
NW23122600198	HAMLN9204	2023	2023-12-26 10:40:05	2023-12-26 12:22:06	9	938	EQUIPMENT FAILURE	Non-storm
NW23122600201	HAMLN9204	2023	2023-12-26 10:40:05	2023-12-26 12:22:04	2	203.96	EQUIPMENT FAILURE	Non-storm
SE23122600709	LAUDR1400	2023	2023-12-26 10:54:23	2023-12-27 06:34:08	1	74.83	NO ISSUES FOUND	Non-storm
NE23122600217	HANKE8142	2023	2023-12-26 11:23:44	2023-12-26 18:06:15	1	148.75	EQUIPMENT FAILURE	Non-storm
SE23122600191	BALFR2097	2023	2023-12-26 11:34:39	2023-12-26 11:40:40	1	6.02	EQUIPMENT FAILURE	Non-storm
NW23122600142	BALDW8979	2023	2023-12-26 11:36:41	2023-12-26 11:45:39	1	8.97	EQUIPMENT FAILURE	Non-storm
SW23122600384	HWST7027	2023	2023-12-26 11:55:42	2023-12-26 12:00:06	1	7.4	TREEBLOW	Non-storm
NE23122600238	SAVOY8714	2023	2023-12-26 12:10:00	2023-12-26 15:53:15	2320	531660	EQUIPMENT FAILURE	Non-storm
NE23122700596	SAVOY8714	2023	2023-12-26 12:10:04	2023-12-27 17:48:00	9	2133.61	EQUIPMENT FAILURE	Non-storm
NE23122600358	SAVOY8714	2023	2023-12-26 12:10:10	2023-12-26 15:52:17	1	222.12	EQUIPMENT FAILURE	Non-storm
NE23122600316	SAVOY8714	2023	2023-12-26 12:10:12	2023-12-26 15:52:19	1	222.12	EQUIPMENT FAILURE	Non-storm
NE23122600549	SAVOY8714	2023	2023-12-26 12:10:12	2023-12-26 15:52:20	1	222.13	EQUIPMENT FAILURE	Non-storm
NE23122600335	BUNRT8110	2023	2023-12-26 12:17:19	2023-12-26 15:14:40	13	2304.41	ANIMAL	Non-storm
NW23122600367	COLORD910	2023	2023-12-26 12:26:35	2023-12-26 18:28:41	1	362.1	NO ISSUES FOUND	Non-storm
NW23122600354	COLORD910	2023	2023-12-26 12:26:48	2023-12-26 18:29:50	9	3261.71	EQUIPMENT FAILURE	Non-storm
NW23122600792	COLORD910	2023	2023-12-26 12:26:50	2023-12-27 07:50:54	1	1164.07	ANIMAL	Non-storm
NW23122600397	GRAYL8517	2023	2023-12-26 13:14:28	2023-12-26 13:53:23	1	373.23	EQUIPMENT FAILURE	Non-storm
SE23122600232	DALY1738	2023	2023-12-26 13:30:08	2023-12-26 13:36:24	2	12.4	EQUIPMENT FAILURE	Non-storm
SE23122600399	DALY1738	2023	2023-12-26 13:30:10	2023-12-26 13:36:30	2	12.42	EQUIPMENT FAILURE	Non-storm
SE23122600225	DALY1738	2023	2023-12-26 13:30:13	2023-12-26 13:36:28	2	12.4	EQUIPMENT FAILURE	Non-storm
NW23122700216	HILLD164	2023	2023-12-26 13:30:38	2023-12-27 17:28:45	1	1668.8	EQUIPMENT FAILURE	Non-storm
SE23122600414	BROKS8153	2023	2023-12-26 14:09:36	2023-12-26 15:32:39	15	1236.03	ANIMAL	Non-storm
NW23122600170	HOWEL2933	2023	2023-12-26 14:17:40	2023-12-26 14:49:34	1	31.9	TREEBLOW	Non-storm
NE23122600428	ADAOX8749	2023	2023-12-26 14:25:56	2023-12-26 16:46:09	1	5777.48	TREEBLOW	Non-storm
NE23122700591	SAVOY8714	2023	2023-12-26 15:06:20	2023-12-27 15:12:33	1	239.29	EQUIPMENT FAILURE	Non-storm
NW23122600485	CHLS9845	2023	2023-12-26 15:14:40	2023-12-26 19:06:33	22	5106.39	EQUIPMENT FAILURE	Non-storm
SW23122700015	TAYLR9483	2023	2023-12-26 15:51:18	2023-12-27 01:08:31	12	2408.12	EQUIPMENT FAILURE	Non-storm
NW23122700130	TAYLR9483	2023	2023-12-26 15:51:18	2023-12-27 04:36:22	688	23882.36	NO ISSUES FOUND	Non-storm
SW23122600498	TAYLR9483	2023	2023-12-26 15:51:20	2023-12-26 18:07:11	14	1894.5	EQUIPMENT FAILURE	Non-storm
SW23122600510	HASK1627	2023	2023-12-26 15:51:20	2023-12-27 02:13:45	14	8704.87	NO ISSUES FOUND	Non-storm
SW23122600623	TAYLR9483	2023	2023-12-26 15:51:20	2023-12-27 02:13:48	72	41772.47	EQUIPMENT FAILURE	Non-storm
SW23122600383	TAYLR9483	2023	2023-12-26 15:51:21	2023-12-26 12:12:49	88	4669.35	EQUIPMENT FAILURE	Non-storm
SW23122600732	TAYLR9483	2023	2023-12-26 15:51:23	2023-12-27 04:36:21	35	21441.25	EQUIPMENT FAILURE	Non-storm
SE23122600770	TAYLR9483	2023	2023-12-26 17:10:19	2023-12-26 21:48:12	1	153.57	EQUIPMENT FAILURE	Non-storm
SW23122700167	TAYLR9483	2023	2023-12-26 17:07:10	2023-12-27 04:20:22	1	612.57	NO ISSUES FOUND	Non-storm
NE23122600583	WULNU7903	2023	2023-12-26 17:10:19	2023-12-27 12:01:34	2	2261.75	TREEBLOW	Non-storm
NE23122600538	WHTF0312	2023	2023-12-26 17:28:08	2023-12-26 18:00:32	1	30.57	EQUIPMENT FAILURE	Non-storm
NW23122600599	NICH0894	2023	2023-12-26 17:41:13	2023-12-26 19:12:14	46	4148.31	EQUIPMENT FAILURE	Non-storm
NW23122600530	WVHUK8009	2023	2023-12-26 18:11:52	2023-12-26 18:50:11	111	4941.71	EQUIPMENT FAILURE	Non-storm
NW23122600637	WVHUK8009	2023	2023-12-26 18:12:10	2023-12-26 18:50:10	2	76	NO ISSUES FOUND	Non-storm
SW23122600802	TAYLR9483	2023	2023-12-26 18:15:53	2023-12-27 00:37:43	1	160.28	NO ISSUES FOUND	Non-storm
SE23122600587	GLEN02212	2023	2023-12-26 18:57:23	2023-12-26 20:15:40	173	13517.81	TROUBLE INTENTIONAL	Non-storm
SE23122600750	GLEN02212	2023	2023-12-26 18:57:34	2023-12-27 03:14:57	129	28270.1	TREEBLOW	Non-storm
NE23122600673	LOAN8517	2023	2023-12-26 19:26:36	2023-12-26 19:44:57	1	1686.3	TROUBLE INTENTIONAL	Non-storm
NW23122600673	LOAN8517	2023	2023-12-26 19:25:47	2023-12-26 19:44:57	1	19.17	TROUBLE INTENTIONAL	Non-storm
SW23122600651	MAYB9615	2023	2023-12-26 20:51:45	2023-12-26 20:51:45	1	23.75	EQUIPMENT FAILURE	Non-storm
NE23122600687	ERIN4553	2023	2023-12-26 20:28:02	2023-12-26 20:36:11	566	4492.15	TROUBLE INTENTIONAL	Non-storm
NE23122600740	ERIN4553	2023	2023-12-26 20:28:05	2023-12-26 20:36:04	1	7.95	NO ISSUES FOUND	Non-storm
SE23122600683	WESB7812	2023	2023-12-26 20:56:38	2023-12-26 21:55:10	1	29.2	EQUIPMENT FAILURE	Non-storm
SE23122600784	SGRN78247	2023	2023-12-26 21:51:52	2023-12-27 10:29:28	1	787.6	WIND	Non-storm
SW23122700234	LEZON0007	2023	2023-12-26 22:29:18	2023-12-27 11:19:14	1	765.83	EQUIPMENT FAILURE	Non-storm
SW23122600785	BREK5922	2023	2023-12-26 22:28:56	2023-12-27 00:36:54	1	126.97	EQUIPMENT FAILURE	Non-storm
NE23122600789	NLSM0903	2023	2023-12-26 22:45:58	2023-12-27 00:26:40	1	101.7	EQUIPMENT FAILURE	Non-storm
NW23122700003	PRICK8229	2023	2023-12-26 23:56:46	2023-12-27 05:18:57	23	7432.36	TREEBLOW	Non-storm
SW23122700016	TAYLR9483	2023	2023-12-26 23:56:27	2023-12-27 00:32:31	29	788.56	EQUIPMENT FAILURE	Non-storm
NW23122700061	WULNU7907	2023	2023-12-27 00:00:30	2023-12-27 09:07:06	31	10639.95	TREEBLOW	Non-storm
NE23122700028	RGEN7032	2023	2023-12-27 00:24:46	2023-12-27 04:07:02	30	3555.43	EQUIPMENT FAILURE	Non-storm
SW23122700029	DUALV9489	2023	2023-12-27 01:31:55	2023-12-27 03:52:09	49	8664.86	EQUIPMENT FAILURE	Non-storm
NW23122700192	WVMS78033	2023	2023-12-27 01:45:38	2023-12-27 09:52:41	1	487.05	EQUIPMENT FAILURE	Non-storm
NE23122700055	BAZL38495	2023	2023-12-27 02:14:59	2023-12-27 03:52:42	707	37649.1	TREEBLOW	Non-storm
NW23122700064	BALDW8979	2023	2023-12-27 02:22:41	2023-12-27 06:21:40	195	45483.38	ANIMAL	Non-storm
SW23122700068	JFRS8409	2023	2023-12-27 02:22:41	2023-12-27 06:57:45	8	2198.21	EQUIPMENT FAILURE	Non-storm
SE23122700035	WSEN01038	2023	2023-12-27 02:35:02	2023-12-27 05:28:17	110	2411.68	OTHER UTILITY EQUIP	Non-storm
SE23122700138	WSEN01038	2023	2023-12-27 02:35:02	2023-12-27 05:28:11	55	1193.67	PUBLIC INTERFERENCE	Non-storm
NW23122700074	MALT8814	2023	2023-12-27 02:35:17	2023-12-27 11:19:10	1	523.88	TREEBLOW	Non-storm
NE23122700181	AGST84737	2023	2023-12-27 03:07:56	2023-12-27 20:14:12	2	2052.52	EQUIPMENT FAILURE	Non-storm
NE23122700141	ARMAD8550	2023	2023-12-27 03:15:59	2023-12-27 10:54:03	47	19317.6	EQUIPMENT FAILURE	Non-storm
NE23122700161	BRADZ8595	2023	2023-12-27 03:19:51	2023-12-27 03:52:31	1	32.67	NO ISSUES FOUND	Non-storm
SW23122700194	NMNO9859	2023	2023-12-27 03:39:34	2023-12-27 16:23:06	3	1256.8	EQUIPMENT FAILURE	Non-storm
SW23122700123	SPRUC0874	2023	2023-12-27 04:09:45	2023-12-27 05:40:32	8	716.99	EQUIPMENT FAILURE	Non-storm
NE23122700179	COTAG6783	2023	2023-12-27 04:12:02	2023-12-27 09:24:33	1	107.62	EQUIPMENT FAILURE	Non-storm
SE23122700159	WSEN01038	2023	2023-12-27 05:18:36	2023-12-27 05:27:59	1	9.38	PUBLIC INTERFERENCE	Non-storm
NE23122700081	PTHUK2304	2023	2023-12-27 05:37:38	2023-12-27 11:57:59	1	380.35	EQUIPMENT FAILURE	Non-storm
NW23122700189	WIKRO8139	2023	2023-12-27 06:19:58	2023-12-27 09:48:36	1	10551.9	NO ISSUES FOUND	Non-storm
NE23122700219	NARL78281	2023	2023-12-27 06:44:09	2023-12-27 12:28:26	1	344.28	WIND	Non-storm
NE23122700221	NEAS78437	2023	2023-12-27 08:17:59	2023-12-27 12:39:10	9	2350.09	Non-storm	Non-storm
NE23122700222	NEAS78437	2023	2023-12-27 08:17:59	2023-12-27 12:39:08	1	1837.86	EQUIPMENT FAILURE	Non-storm
SE23122700232	NELVD2105	2023	2023-12-27 08:21:34	2023-12-27 10:52:50	18	556.47	PLANNED INTENTIONAL	Non-storm
SE23122600755	TURNR189	2023	2023-12-27 09:07:31	2023-12-27 09:13:13	1	5.7	EQUIPMENT FAILURE	Non-storm
NE23122700291	GOLF8436	2023	2023-12-27 09:08:40	2023-12-27 10:17:13	4	273.9	PLANNED INTENTIONAL	Non-storm
SE23122700295	NELVD2105	2023	2023-12-27 09:09:41	2023-12-27 10:24:46	13	686.67	PLANNED INTENTIONAL	Non-storm
SW23122700299	FURDA8178	2023	2023-12-27 09:28:09	2023-12-27 12:15:44	53	8410.55	EQUIPMENT FAILURE	Non-storm
SW23122700298	FURDA8178	2023	2023-12-27 09:29:17	2023-12-27 15:59:43	29	8445.06	CUSTOMER EQUIPMENT	Non-storm
SE23122700320	FRANK1764	2023	2023-12-27 09:58:50	2023-12-27 15:29:06	1	347.99	TREEBLOW	Non-storm
SE23122600579	HAPZK1208	2023	2023-12-27 09:58:50	2023-12-27 10:08:05	1	9.25	TREEBLOW	Non-storm
SW23122700314	SNSE79497	2023	2023-12-27 10:02:09	2023-12-27 11:22:10	8	638.4	EQUIPMENT FAILURE	Non-storm
SE23122700346	KENTD045	2023	2023-12-27 10:52:14	2023-12-27 11:48:54	1	106.67	PLANNED INTENTIONAL	Non-storm
SE23122700339	PIJUF2155	2023	2023-12-27 10:55:37	2023-12-27 12:57:22	12	1833.67	PLANNED INTENTIONAL	Non-storm
SE23122700345	NGRIW2199	2023	2023-12-27 10:17:72	2023-12-27 10:41:08	1	23.77	PLANNED INTENTIONAL	Non-storm
NW23122700600	NHLA98952	2023	2023-12-27 10:21:20	2023-12-27 17:19:19	1	417.98	EQUIPMENT FAILURE	Non-storm
SW23122700354	HEMLK1910	2023	2023-12-27 10:24:39	2023-12-27 12:18:38	1	1923.19	PLANNED INTENTIONAL	Non-storm
SW23122700356	BURTR2950	2023	2023-12-27 10:24:42	2023-12-27 12:18:31	1	113.82	NO ISSUES FOUND	Non-storm
SW23122700329	BURTR2950	2023	2023-12-27 10:24:47	2023-12-27 12:18:37	2	227.65	PLANNED INTENTIONAL	Non-storm
NW23122600344	WAYNE9414	2023	2023-12-27 10:29:27	2023-12-27 10:52:34	1	1003.34	EQUIPMENT FAILURE	Non-storm
SW23122600548	WAYNE9414	2023	2023-12-27 10:26:28	2023-12-27 10:53:33	1	25.08	NO ISSUES FOUND	Non-storm
SW23122700398	HEMLK1910	2023	2023-12-27 10:26:31	2023-12-27 11:55:21	6	532.35	PLANNED INTENTIONAL	Non-storm
NW23122700370	WOLFH8832	2023	2023					

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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NW2112280070	MILF0949	2023	2023-12-28 02:45:15	2023-12-28 11:37:56	22	11716.16	EQUIPMENT FAILURE	Non-storm
NW2112280082	HUNT0761	2023	2023-12-28 03:22:23	2023-12-28 05:36:49	47	5365.62	TREEBROW	Non-storm
NW2112280092	GLOBE0304	2023	2023-12-28 05:15:22	2023-12-28 11:24:23	184	57255.16	NO ISSUES FOUND	Non-storm
NW2112280095	LKTXH780	2023	2023-12-28 04:06:02	2023-12-28 09:51:19	2	680.5	TREEBROW	Non-storm
NW2112280096	LKTXH780	2023	2023-12-28 04:06:03	2023-12-28 09:51:18	1	345.25	EQUIPMENT FAILURE	Non-storm
NW2112280103	GULF1937	2023	2023-12-28 08:48:19	2023-12-28 07:39:53	1	149.88	TREEBROW	Non-storm
NW2112280107	DERB7604	2023	2023-12-28 05:13:28	2023-12-28 11:27:37	3	996.14	NO ISSUES FOUND	Non-storm
SW2112280101	DAYTH946	2023	2023-12-28 05:13:50	2023-12-28 06:16:42	1	62.87	METER / BLOCS	Non-storm
NW2112280049	GLOBE0304	2023	2023-12-28 06:21:32	2023-12-28 11:28:41	1	6501.08	NO ISSUES FOUND	Non-storm
NW2112280041	GLOBE0304	2023	2023-12-28 06:21:32	2023-12-28 11:28:42	54	16666.03	EQUIPMENT FAILURE	Non-storm
NW2112280079	GLOBE0304	2023	2023-12-28 06:22:32	2023-12-28 11:24:48	44	12389.51	NO ISSUES FOUND	Non-storm
NW2112280040	GLOBE0304	2023	2023-12-28 06:22:34	2023-12-28 11:24:21	31	9593.02	EQUIPMENT FAILURE	Non-storm
NW21122800159	DERB7605	2023	2023-12-28 08:48:19	2023-12-28 11:23:54	2	602.18	NO ISSUES FOUND	Non-storm
NW21122800138	DERB7604	2023	2023-12-28 06:22:40	2023-12-28 11:24:12	3	904.13	NO ISSUES FOUND	Non-storm
NW21122800145	DERB7604	2023	2023-12-28 06:22:48	2023-12-28 11:24:04	1	301.27	NO ISSUES FOUND	Non-storm
NW21122800125	CAMONB282	2023	2023-12-28 06:26:24	2023-12-28 07:20:43	17	610.36	ANIMAL	Non-storm
SW23122800155	SOLF0902	2023	2023-12-28 06:50:59	2023-12-29 10:59:12	1	1688.22	TREEBROW	Non-storm
SW23122800158	OMAHAR233	2023	2023-12-28 08:05:52	2023-12-28 09:54:08	5	543.11	EQUIPMENT FAILURE	Non-storm
SE2312270076	WDSH0660	2023	2023-12-28 08:42:27	2023-12-28 08:25:06	1	21.06	EQUIPMENT FAILURE	Non-storm
SW23122800234	CALLAP953	2023	2023-12-28 08:21:33	2023-12-28 18:41:38	1	618.75	EQUIPMENT LOADING	Non-storm
NW23122800169	PINCK829	2023	2023-12-28 08:41:13	2023-12-28 09:08:24	2	54.38	EQUIPMENT FAILURE	Non-storm
NW2312270075	FRMT1250	2023	2023-12-28 08:42:47	2023-12-28 09:00:11	1	17.4	TREEBROW	Non-storm
NW21122800181	CART8878	2023	2023-12-28 08:48:19	2023-12-28 11:17:08	1	4377.43	EQUIPMENT FAILURE	Non-storm
NW21122800183	CART8878	2023	2023-12-28 08:48:19	2023-12-28 11:17:01	8	1181.3	EQUIPMENT FAILURE	Non-storm
NW21122800187	CART8878	2023	2023-12-28 08:49:21	2023-12-28 11:17:01	1	147.67	EQUIPMENT FAILURE	Non-storm
NW21122800200	CART8878	2023	2023-12-28 08:49:22	2023-12-28 11:17:01	1	147.65	EQUIPMENT FAILURE	Non-storm
SW23122800193	WAYNE9501	2023	2023-12-28 08:52:39	2023-12-28 10:08:13	2	151.1	ANIMAL	Non-storm
NW23122800204	ARMAD0544	2023	2023-12-28 09:06:44	2023-12-29 09:17:13	4	123.1	EQUIPMENT FAILURE	Non-storm
NW21122800103	HANCK8198	2023	2023-12-28 09:06:26	2023-12-28 18:25:57	7	1112.56	PUBLIC INTERFERENCE	Non-storm
SW23122800195	SOFJ1989	2023	2023-12-28 09:14:46	2023-12-28 09:27:22	4	46.52	PLANNED INTENTIONAL	Non-storm
NW23122800146	BENSH820	2023	2023-12-28 09:40:52	2023-12-28 10:24:27	6	260.76	EQUIPMENT FAILURE	Non-storm
NW23122800227	BENSH820	2023	2023-12-28 09:41:01	2023-12-28 10:24:28	1	43.45	EQUIPMENT FAILURE	Non-storm
NW21122800232	DMMN0966	2023	2023-12-28 10:11:38	2023-12-28 13:08:30	1	597.23	EQUIPMENT FAILURE	Non-storm
NW23122800497	STRF0903	2023	2023-12-28 10:11:38	2023-12-28 16:54:32	1	402.9	ANIMAL	Non-storm
SE2312270073	GLEN0212	2023	2023-12-28 10:12:00	2023-12-28 10:32:57	1	20.95	TREEBROW	Non-storm
SE23122800024	MON76210	2023	2023-12-28 10:12:00	2023-12-28 14:22:29	1	661.56	ANIMAL	Non-storm
SE23122800129	ZENON206	2023	2023-12-28 10:33:15	2023-12-28 15:44:35	2	41.8	EQUIPMENT FAILURE	Non-storm
SE23122800109	EVGRN1257	2023	2023-12-28 10:35:59	2023-12-28 10:47:01	1	11.03	EQUIPMENT FAILURE	Non-storm
NW21122800299	CULF0836	2023	2023-12-28 10:38:17	2023-12-28 11:56:06	1	77.82	PLANNED INTENTIONAL	Non-storm
SW21122800189	BRES7910	2023	2023-12-28 10:45:05	2023-12-28 13:48:02	2	366.02	EQUIPMENT FAILURE	Non-storm
SE23122700681	HAWTN1200	2023	2023-12-28 11:09:15	2023-12-28 11:18:29	1	9.23	EQUIPMENT FAILURE	Non-storm
SW21122800132	SOFJ1989	2023	2023-12-28 11:17:18	2023-12-28 11:30:06	6	76.44	PLANNED INTENTIONAL	Non-storm
SW21122700270	VSTF0403	2023	2023-12-28 11:36:15	2023-12-28 11:47:51	1	21.65	EQUIPMENT FAILURE	Non-storm
NW23122700673	NEAST7631	2023	2023-12-28 11:39:06	2023-12-28 11:48:15	1	9.15	EQUIPMENT FAILURE	Non-storm
SW21122800173	MOTF7989	2023	2023-12-28 11:46:58	2023-12-28 12:49:08	37	2296.72	EQUIPMENT FAILURE	Non-storm
NW21122800387	BECK6689	2023	2023-12-28 11:55:06	2023-12-28 15:24:11	2	4377.48	EQUIPMENT FAILURE	Non-storm
NW21122800395	BADAM8749	2023	2023-12-28 11:56:23	2023-12-28 13:21:28	6	334.32	EQUIPMENT FAILURE	Non-storm
SE23122800399	COTN7809	2023	2023-12-28 11:58:38	2023-12-28 18:11:24	1	372.77	EQUIPMENT FAILURE	Non-storm
SE23122800668	GLEN0123	2023	2023-12-28 12:46:39	2023-12-28 16:41:17	1	234.63	TREEBROW	Non-storm
SE23122800429	NRJLN0912	2023	2023-12-28 13:05:57	2023-12-28 15:09:42	21	2679.19	EQUIPMENT FAILURE	Non-storm
NW23122800465	TAMR0900	2023	2023-12-28 13:33:59	2023-12-28 19:30:20	2	712.7	EQUIPMENT FAILURE	Non-storm
NW23122800469	PROUD9475	2023	2023-12-28 13:43:16	2023-12-28 16:37:15	18	3165.12	TREEBROW	Non-storm
SW23122800487	SALEN0900	2023	2023-12-28 14:00:51	2023-12-28 15:09:23	7	475.16	EQUIPMENT FAILURE	Non-storm
NW21122800811	USNS0858	2023	2023-12-28 14:05:41	2023-12-28 21:31:19	1	447.63	EQUIPMENT FAILURE	Non-storm
NW21122800157	WLNJ1700	2023	2023-12-28 14:25:59	2023-12-28 14:47:29	48	1068.37	TROUBLE INTENTIONAL	Non-storm
SE23122800134	TOPK1078	2023	2023-12-28 14:30:16	2023-12-28 14:45:55	1	15.46	TREEBROW	Non-storm
SW21122700195	LMF048	2023	2023-12-28 14:39:52	2023-12-28 14:59:25	1	19.55	TREEBROW	Non-storm
NW21122800105	HURF9842	2023	2023-12-28 14:40:36	2023-12-28 16:50:49	1	130.22	NO ISSUES FOUND	Non-storm
NW21122800137	KELOGB121	2023	2023-12-28 14:40:38	2023-12-28 16:15:05	233	30338.8	TREEBROW	Non-storm
NW21122800603	KELOGB121	2023	2023-12-28 14:40:39	2023-12-28 16:50:44	2	560.44	NO ISSUES FOUND	Non-storm
NW21122800778	KELOGB121	2023	2023-12-28 14:40:43	2023-12-28 16:50:56	1	130.22	NO ISSUES FOUND	Non-storm
NW21122800670	BKONC854	2023	2023-12-28 15:16:31	2023-12-28 15:22:45	1	6.23	TREEBROW	Non-storm
SE23122800128	ENIC1475	2023	2023-12-28 15:17:29	2023-12-28 18:19:18	14	2460.18	EQUIPMENT FAILURE	Non-storm
NW23122800773	COTAG8743	2023	2023-12-28 16:04:29	2023-12-29 10:14:36	1	1090.12	EQUIPMENT FAILURE	Non-storm
NW23122800718	BUNTR846	2023	2023-12-28 16:38:30	2023-12-28 22:57:29	1240	182325.33	TREEBROW	Non-storm
SE23122800016	BUNTR846	2023	2023-12-28 16:38:30	2023-12-28 20:11:29	1	212.4	CUSTOMER EQUIPMENT	Non-storm
NW23122800777	PINCK9886	2023	2023-12-28 16:57:55	2023-12-28 18:31:21	1	93.43	EQUIPMENT FAILURE	Non-storm
NW23122800786	PINCK9886	2023	2023-12-28 16:57:52	2023-12-28 18:31:21	1	93.43	NO ISSUES FOUND	Non-storm
NW23122800890	NEAST7637	2023	2023-12-28 17:22:57	2023-12-28 19:11:51	31	2398.39	TREEBROW	Non-storm
SE23122800682	VENI1514	2023	2023-12-28 17:30:37	2023-12-28 19:07:59	1	97.37	METER / BLOCS	Non-storm
SE23122800663	ZENON206	2023	2023-12-28 17:31:33	2023-12-28 20:47:59	1	31.32	WIND	Non-storm
SW21122800680	WAYNE9402	2023	2023-12-28 18:02:10	2023-12-28 18:07:31	1	5.38	EQUIPMENT FAILURE	Non-storm
SW21122800126	VSTF0403	2023	2023-12-28 18:09:05	2023-12-28 19:02:29	7	377.48	TREEBROW	Non-storm
SW23122800839	VSTF0510	2023	2023-12-28 18:28:45	2023-12-29 13:18:45	12	13559.01	NO ISSUES FOUND	Non-storm
SW23122800844	COTN7839	2023	2023-12-28 18:41:55	2023-12-28 21:39:59	6	1067.23	EQUIPMENT FAILURE	Non-storm
SE23122800819	COTN7839	2023	2023-12-28 18:47:38	2023-12-28 21:40:42	2	156.65	EQUIPMENT FAILURE	Non-storm
NW23122800676	MENAR853	2023	2023-12-28 18:42:48	2023-12-29 03:32:19	1	529.52	TREEBROW	Non-storm
SE23122800870	ANGLA9258	2023	2023-12-28 18:53:26	2023-12-29 04:57:03	1	744.74	TREEBROW	Non-storm
SE23122800858	BRADJ827	2023	2023-12-28 19:06:09	2023-12-28 20:31:48	3	855.23	EQUIPMENT FAILURE	Non-storm
SE23122800867	NRJLN0918	2023	2023-12-28 19:20:09	2023-12-29 04:21:32	10	5411.94	EQUIPMENT FAILURE	Non-storm
SE23122800872	NRJLN0918	2023	2023-12-28 19:20:10	2023-12-29 04:23:13	2	1083.22	EQUIPMENT FAILURE	Non-storm
SE23122900619	ZENON206	2023	2023-12-28 19:22:18	2023-12-29 15:43:25	1	15.01	EQUIPMENT FAILURE	Non-storm
NW23122800430	BUNTR846	2023	2023-12-28 19:24:09	2023-12-28 22:57:12	1	13.05	EQUIPMENT FAILURE	Non-storm
NW21122800897	STWJ4002	2023	2023-12-28 20:45:05	2023-12-28 23:48:24	19	3468.61	EQUIPMENT FAILURE	Non-storm
NW21122800899	CATJ19136	2023	2023-12-28 20:45:08	2023-12-28 23:47:30	2	364.63	NO ISSUES FOUND	Non-storm
NW21122800819	STWJ4002	2023	2023-12-28 20:45:09	2023-12-28 23:48:22	2	183.23	NO ISSUES FOUND	Non-storm
NW21122800898	STWJ4002	2023	2023-12-28 20:45:09	2023-12-28 23:47:28	1	182.32	NO ISSUES FOUND	Non-storm
NW21122800902	STWJ4002	2023	2023-12-28 20:45:09	2023-12-28 23:47:28	1	182.32	NO ISSUES FOUND	Non-storm
NW21122800903	STWJ4002	2023	2023-12-28 20:45:09	2023-12-28 23:48:18	1	365.55	EQUIPMENT FAILURE	Non-storm
NW21122800808	HANCK923	2023	2023-12-28 21:05:28	2023-12-28 21:53:19	1	67.89	METER / BLOCS	Non-storm
SE23122800920	PURTJ2446	2023	2023-12-28 21:23:44	2023-12-29 20:41:59	1	1398.25	NO ISSUES FOUND	Non-storm
SE23122800684	NWJLN2468	2023	2023-12-28 21:51:23	2023-12-28 22:15:58	1	24.58	EQUIPMENT FAILURE	Non-storm
NW21122800917	GLOBE0304	2023	2023-12-28 21:53:57	2023-12-29 00:32:24	1	40.45	NO ISSUES FOUND	Non-storm
NW23122800978	HENB9378	2023	2023-12-28 23:54:45	2023-12-29 19:06:42	2	2280.08	EQUIPMENT FAILURE	Non-storm
SW23122800049	ZEBRA0474	2023	2023-12-29 03:03:28	2023-12-29 04:56:04	68	7649.57	NO ISSUES FOUND	Non-storm
NW23122800564	ALPNE9714	2023	2023-12-29 05:17:29	2023-12-29 03:37:59	1	22.8	EQUIPMENT FAILURE	Non-storm
SW23122800210	SALEN0926	2023	2023-12-29 07:56:09	2023-12-29 10:53:42	1	177.55	EQUIPMENT FAILURE	Non-storm
NW21122800902	COD9537	2023	2023-12-29 0					

Direct Testimony of D. Stephens obo AG, MEC & NRDC

Ex MEC-15 | Source: MNSCDE-3.15ci-cii, -3.23d, -3.1a-c with excerpt from Att -3.1a-01

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SE23122900599	REDFO1064	2023	2023-12-29 14:10:32	2023-12-29 19:52:06	1	341.57	TREEBROW	Non-storm
NE23122900450	ROBINR750	2023	2023-12-29 15:52:22	2023-12-29 16:06:44	1	14.37	CUSTOMER EQUIPMENT	Non-storm
NE23122900054	ROBINR750	2023	2023-12-29 15:58:47	2023-12-29 18:52:27	1	173.07	EQUIPMENT FAILURE	Non-storm
NW23122900526	WALTN2674	2023	2023-12-29 16:18:42	2023-12-29 22:00:13	1	341.52	TREEBROW	Non-storm
SE23122900438	OHIGO1463	2023	2023-12-29 17:09:57	2023-12-29 17:50:19	1	40.37	WIND	Non-storm
SE23122900366	DEWV2094	2023	2023-12-29 17:31:16	2023-12-29 17:49:36	1	16.77	EQUIPMENT FAILURE	Non-storm
SE23122900513	WEBST0733	2023	2023-12-29 17:45:00	2023-12-29 18:34:09	1	49.15	EQUIPMENT FAILURE	Non-storm
SW23122900652	ZEBRA0476	2023	2023-12-29 17:51:36	2023-12-30 12:39:01	1	1127.42	TREEBROW	Non-storm
NW21122900656	SPYNR825	2023	2023-12-29 18:07:52	2023-12-29 19:51:41	45	4309.03	EQUIPMENT FAILURE	Non-storm
SE23122900474	EYRGND002	2023	2023-12-29 18:17:49	2023-12-29 18:25:21	1	7.51	EQUIPMENT FAILURE	Non-storm
SW23122900667	PERU9432	2023	2023-12-29 18:26:47	2023-12-29 18:50:06	1	23.32	NO ISSUES FOUND	Non-storm
SW23122900788	PERU9432	2023	2023-12-29 18:26:48	2023-12-29 18:50:09	7	163.25	EQUIPMENT FAILURE	Non-storm
SE23122900797	EVROG2315	2023	2023-12-29 18:56:56	2023-12-29 19:13:42	1	16.77	EQUIPMENT FAILURE	Non-storm
SE23122900358	COOLG1263	2023	2023-12-29 19:07:27	2023-12-29 19:28:33	1	21.1	EQUIPMENT FAILURE	Non-storm
NW23122900274	CODY9537	2023	2023-12-29 19:07:55	2023-12-30 16:21:21	1	1273.43	EQUIPMENT FAILURE	Non-storm
SW23122900887	DMMH9859	2023	2023-12-29 19:11:57	2023-12-29 22:25:54	23	4470.49	EQUIPMENT FAILURE	Non-storm
NW23122900709	MILFD947	2023	2023-12-29 20:28:17	2023-12-29 21:13:09	541	24215.63	TROUBLE INTENTIONAL	Non-storm
NW23122900756	MILFD947	2023	2023-12-29 20:28:43	2023-12-29 21:13:04	1	44.35	NO ISSUES FOUND	Non-storm
NW23122900733	TEGER8872	2023	2023-12-29 20:38:20	2023-12-30 02:42:25	1	569.88	EQUIPMENT FAILURE	Non-storm
SE23122900757	STLUS1206	2023	2023-12-29 21:39:30	2023-12-30 08:05:16	1	625.77	EQUIPMENT FAILURE	Non-storm
SW23122900758	GLBRT8106	2023	2023-12-29 21:53:07	2023-12-30 00:47:37	15	2616.22	EQUIPMENT FAILURE	Non-storm
NW23122900755	CODY9537	2023	2023-12-29 22:08:02	2023-12-29 22:35:20	1	27.3	NO ISSUES FOUND	Non-storm
NW23122900751	CODY9537	2023	2023-12-29 22:20:46	2023-12-29 22:35:00	9	14.23	NO ISSUES FOUND	Non-storm
NW23122900763	DUDUY1675	2023	2023-12-29 22:52:14	2023-12-30 08:14:48	1	380.05	TREEBROW	Non-storm
NW23122900745	HAMMB9909	2023	2023-12-30 00:01:37	2023-12-30 10:03:56	1	602.32	TREEBROW	Non-storm
NE23123000020	MENLO8815	2023	2023-12-30 01:01:28	2023-12-30 02:46:38	42	4239.48	EQUIPMENT FAILURE	Non-storm
NE23123000022	MENLO8815	2023	2023-12-30 01:05:40	2023-12-30 02:46:37	1	100.95	NO ISSUES FOUND	Non-storm
NW23123000038	CODY9537	2023	2023-12-30 01:21:52	2023-12-30 03:42:17	1	20.42	NO ISSUES FOUND	Non-storm
SE23123000053	EVROG2315	2023	2023-12-30 02:27:44	2023-12-30 09:36:09	1	485.17	TREEBROW	Non-storm
SW23123000055	TYALW8286	2023	2023-12-30 05:51:45	2023-12-30 10:38:39	2	569.6	EQUIPMENT FAILURE	Non-storm
NE23123000094	DERB7604	2023	2023-12-30 07:29:43	2023-12-30 10:41:42	1	191.98	EQUIPMENT FAILURE	Non-storm
SE23122900534	VERNR1481	2023	2023-12-30 07:47:53	2023-12-30 08:18:41	1	34.8	EQUIPMENT FAILURE	Non-storm
NE23123000091	PGNDG0771	2023	2023-12-30 08:07:20	2023-12-30 09:52:06	9	528.52	EQUIPMENT FAILURE	Non-storm
SE23122900653	LAUDR1400	2023	2023-12-30 08:19:25	2023-12-30 08:30:10	1	10.75	EQUIPMENT FAILURE	Non-storm
SW23123000133	HEMLK1952	2023	2023-12-30 09:25:33	2023-12-30 12:59:32	1	79.08	TREEBROW	Non-storm
NE23123000126	JACOB8868	2023	2023-12-30 09:35:02	2023-12-30 10:28:13	1	70.84	ANNUAL	Non-storm
NE23123000137	JACOB8868	2023	2023-12-30 09:53:08	2023-12-30 10:28:36	8	283.32	EQUIPMENT FAILURE	Non-storm
SE23123000098	GLEND1417	2023	2023-12-30 11:00:39	2023-12-30 13:18:49	1	138.17	EQUIPMENT FAILURE	Non-storm
NE23123000158	MALTA8600	2023	2023-12-30 11:07:18	2023-12-30 12:33:32	2	3097.59	EQUIPMENT FAILURE	Non-storm
SW23123000161	ZACKP9502	2023	2023-12-30 11:10:00	2023-12-30 11:41:05	1778	54819.17	EQUIPMENT FAILURE	Non-storm
SW23123000284	ZACKP9502	2023	2023-12-30 11:10:08	2023-12-30 11:40:58	1	30.83	NO ISSUES FOUND	Non-storm
SW23123000196	ZACKP9502	2023	2023-12-30 11:10:15	2023-12-30 11:41:05	1	30.83	EQUIPMENT FAILURE	Non-storm
SW23123000117	ZACKP9502	2023	2023-12-30 11:10:17	2023-12-30 11:41:07	1	30.83	NO ISSUES FOUND	Non-storm
SW23123000201	ZACKP9502	2023	2023-12-30 11:10:19	2023-12-30 11:41:09	1	30.83	EQUIPMENT FAILURE	Non-storm
NW23123000173	GRINDA8217	2023	2023-12-30 11:22:46	2023-12-30 15:08:57	1	180.93	EQUIPMENT FAILURE	Non-storm
SW23123000124	SHET9497	2023	2023-12-30 12:01:29	2023-12-30 15:23:58	1	26451.06	EQUIPMENT FAILURE	Non-storm
NW23123000336	WOLFH838	2023	2023-12-30 12:18:24	2023-12-30 17:57:43	1	389.32	EQUIPMENT FAILURE	Non-storm
SE23123000205	FERND2098	2023	2023-12-30 15:11:53	2023-12-30 12:25:16	9	282.63	PLANNED INTENTIONAL	Non-storm
NE23123000206	BECK8465	2023	2023-12-30 12:06:03	2023-12-30 12:44:29	1	86.76	ANNUAL	Non-storm
SW23123000211	LIZOW8952	2023	2023-12-30 12:08:51	2023-12-30 14:24:06	60	7758.91	TREEBROW	Non-storm
SE23123000249	GRDVR2074	2023	2023-12-30 12:12:07	2023-12-30 14:33:54	1	141.78	TREEBROW	Non-storm
NW23122900762	PINCB9886	2023	2023-12-30 12:24:45	2023-12-30 13:15:27	28	2250.31	EQUIPMENT FAILURE	Non-storm
NE23123000116	EMMETT0301	2023	2023-12-30 13:15:29	2023-12-30 15:20:50	1	169.35	EQUIPMENT FAILURE	Non-storm
SW23123000185	OMAH48200	2023	2023-12-30 12:38:58	2023-12-30 13:51:18	10	720	EQUIPMENT FAILURE	Non-storm
SW23123000244	RGENT0357	2023	2023-12-30 12:41:54	2023-12-30 13:02:58	1	21.07	EQUIPMENT FAILURE	Non-storm
SW23123000262	OMAH48200	2023	2023-12-30 12:46:46	2023-12-30 15:56:19	1	23.12	EQUIPMENT FAILURE	Non-storm
NE23123000173	PLUTO8480	2023	2023-12-30 12:53:35	2023-12-30 13:22:42	1	29.12	TREEBROW	Non-storm
SE23123000060	STLUS1394	2023	2023-12-30 12:56:09	2023-12-30 13:03:48	1	7.65	EQUIPMENT FAILURE	Non-storm
NE23123000115	WYVW2144	2023	2023-12-30 13:06:29	2023-12-30 13:47:26	1	37.55	TREEBROW	Non-storm
NE23123000243	LEXTM870	2023	2023-12-30 13:46:10	2023-12-30 13:57:59	1	11.82	CUSTOMER EQUIPMENT	Non-storm
SE23123000258	ANGLA8862	2023	2023-12-30 13:53:55	2023-12-30 17:42:05	2045	390278.12	ANNUAL	Non-storm
SE23123000374	ANGLA8862	2023	2023-12-30 13:53:57	2023-12-30 17:41:44	1	227.78	ANNUAL	Non-storm
SE23123000368	ANGLA9000	2023	2023-12-30 13:54:02	2023-12-30 17:42:44	1	228.7	NO ISSUES FOUND	Non-storm
SE23123100024	ANGLA8862	2023	2023-12-30 13:54:04	2023-12-30 17:41:49	1	227.75	NO ISSUES FOUND	Non-storm
SE23123000341	ANGLA8886	2023	2023-12-30 13:54:11	2023-12-30 15:59:57	1	125.77	ANNUAL	Non-storm
SE23123000362	ESTLO440	2023	2023-12-30 14:06:06	2023-12-30 14:26:26	1	8.33	EQUIPMENT FAILURE	Non-storm
NE23123000346	BRAY8780	2023	2023-12-30 14:36:46	2023-12-30 14:56:24	36	683.13	NO ISSUES FOUND	Non-storm
SE23123000187	GULUY2219	2023	2023-12-30 15:28:58	2023-12-30 17:51:53	1	142.92	EQUIPMENT FAILURE	Non-storm
SE23123000430	BREWBR840	2023	2023-12-30 16:58:04	2023-12-30 17:41:45	1	43.68	NO ISSUES FOUND	Non-storm
SW23123000688	HINE59378	2023	2023-12-30 17:19:20	2023-12-30 17:24:25	1	5.08	EQUIPMENT FAILURE	Non-storm
NE23123000407	MTCML1870	2023	2023-12-30 17:21:55	2023-12-30 17:46:55	1	17.51	TREEBROW	Non-storm
SW23123000138	MERHO1879	2023	2023-12-30 17:23:11	2023-12-30 17:35:24	13	218.79	EQUIPMENT FAILURE	Non-storm
NE23123000473	MACHMB883	2023	2023-12-30 18:09:29	2023-12-30 19:45:08	1	6515.28	TREEBROW	Non-storm
SE23123000459	GRPTD0036	2023	2023-12-30 20:01:09	2023-12-30 20:08:52	1	7.72	NO ISSUES FOUND	Non-storm
SE23123000447	GRPTD1273	2023	2023-12-30 20:03:10	2023-12-30 20:09:30	21	162.13	TREEBROW	Non-storm
SE23123100062	GRPTD2073	2023	2023-12-30 20:03:12	2023-12-30 20:08:51	1	7.72	EQUIPMENT FAILURE	Non-storm
SE23123000457	GRPTD2073	2023	2023-12-30 20:03:13	2023-12-30 20:08:56	1	7.72	TREEBROW	Non-storm
NE23123000470	ALGON8748	2023	2023-12-30 22:14:06	2023-12-30 22:23:28	1	9.37	EQUIPMENT FAILURE	Non-storm
NE23123100017	ATKAD302	2023	2023-12-31 01:24:56	2023-12-31 11:18:30	26	15536.23	EQUIPMENT FAILURE	Non-storm
NW24010100130	KOPNE4007	2023	2023-12-31 01:31:12	2024-01-01 11:16:36	1	1025.4	EQUIPMENT FAILURE	Non-storm
SE23123100014	FRISB1288	2023	2023-12-31 07:46:46	2023-12-31 07:54:16	1	7.5	EQUIPMENT FAILURE	Non-storm
NE23123100039	OTISB030	2023	2023-12-31 07:59:34	2023-12-31 08:52:21	74	3888.9	NO ISSUES FOUND	Non-storm
NW23123100070	ANGVSI117	2023	2023-12-31 08:04:32	2023-12-31 10:48:13	3	127.76	ANNUAL	Non-storm
SE23123100019	THRMN1541	2023	2023-12-31 09:06:04	2023-12-31 09:17:41	17	147.33	EQUIPMENT FAILURE	Non-storm
NE23123100031	BADAO8787	2023	2023-12-31 09:07:39	2023-12-31 11:05:09	3	274.53	EQUIPMENT FAILURE	Non-storm
SW23123100069	HUNT9836	2023	2023-12-31 09:15:02	2023-12-31 10:16:11	1	51.17	EQUIPMENT FAILURE	Non-storm
SE23123100042	MEYRS1599	2023	2023-12-31 09:32:58	2023-12-31 10:07:00	26	878.02	WIND	Non-storm
SE23123100080	TWEN1551	2023	2023-12-31 09:47:13	2023-12-31 13:42:54	17	3991.13	NO ISSUES FOUND	Non-storm
SE23123000507	SXNK2011	2023	2023-12-31 09:53:25	2023-12-31 10:24:04	1	30.65	EQUIPMENT FAILURE	Non-storm
NE23123100097	NEAST850	2023	2023-12-31 10:00:57	2023-12-31 12:34:54	1	153.95	EQUIPMENT FAILURE	Non-storm
SE23123000426	GRANT1306	2023	2023-12-31 10:00:59	2023-12-31 10:10:48	1	9.82	EQUIPMENT FAILURE	Non-storm
SE23123100120	TWEN1551	2023	2023-12-31 10:09:53	2023-12-31 13:42:49	16	3416.31	NO ISSUES FOUND	Non-storm
SE23123000504	SAVIANI086	2023	2023-12-31 10:17:48	2023-12-31 11:05:54	1	48.3	NO ISSUES FOUND	Non-storm
SE23123000449	MCGRW0552	2023	2023-12-31 10:56:39	2023-12-31 16:00:19	1	303.67	EQUIPMENT FAILURE	Non-storm
SE23123000240	SVRAO2137	2023	2023-12-31 11:02:01	2023-12-31 11:07:29	1	5.47	EQUIPMENT FAILURE	Non-storm
SW23123100126	FRUDS8042	2023	2023-12-31 11:36:28	2023-12-31 12:47:55	1	71.45	ANNUAL	Non-storm
SW23123100132	PITTS0382	2023	2023-12-31 12:03:01	2023-12-31 12:18:57	10	159	TROUBLE INTENTIONAL	Non-storm
SW23123100113	PERU9432	2023	2023-12-31 12:16:28	2024-01-01 03:11:06	1	894.63	CUSTOMER EQUIPMENT	Non-storm
SW23123100136	EFSP9404	2023	2023-12-31 12:19:49	2023-12-31 13:24:07	8	514.04	ANNUAL	Non-storm
NE231								

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.26a

Respondent: S. Deol

Page: 1 of 1

Question: Refer generally to the Company's subtransmission system.
a. Provide a list of equipment outages on the Company's subtransmission system by year from 2018 to 2023.

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:
Please see attached file.

Attachment: *U-21534 MNSCDE3.26-01 Subtransmission Outages*

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.26bi

Respondent: S. Deol

Page: 1 of 1

Question: Refer generally to the Company's subtransmission system.
b. Refer to the list of equipment outages provided in response to subpart (a) above. For each equipment outage listed, provide:
i. The date and duration of the equipment outage;

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

See MNSCDE-3.26a.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.26bii

Respondent: S. Deol

Page: 1 of 1

Question: Refer generally to the Company's subtransmission system.
b. Refer to the list of equipment outages provided in response to subpart (a) above. For each equipment outage listed, provide:
ii. The date of any service interruptions on the distribution system resulting from the subtransmission equipment outage; and

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

See MNSCDE-3.26a

Attachment: None.

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-3.26biii

Respondent: S. Deol

Page: 1 of 1

Question: Refer generally to the Company's subtransmission system.
b. Refer to the list of equipment outages provided in response to subpart (a) above. For each equipment outage listed, provide:
iii. The counts of customers interruptions (CI) and customer minutes interrupted (CMI) associated with each service interruption on the distribution system resulting from the subtransmission equipment outage.

Answer: The Company objects for the reason that the request is unduly burdensome, overly broad, oppressive and calculated to cause unreasonable expense to DTE Electric and its customers. The Company also objects because the information requested is not relevant, nor is it reasonably calculated to lead to the discovery of relevant evidence. Without waiving these objections, but subject to them, based upon currently available information the Company responds as follows:

See MNSCDE-3.26a

Attachment: None.

START TIME	CLOSE TIME	OUTAGE LEVEL	Extent	TRK/TIE	AMI Cust Impacted	Cust Mins	Cause Code
1/4/2019 15:17	1/4/2019 18:40	Subtransmission	None	TIE 2648			ANIMAL
1/16/2019 9:32	1/16/2019 21:03	Subtransmission	None	TRK 7062			ANIMAL
1/16/2019 9:23	1/16/2019 11:50	Subtransmission	None	TRK 7062			ANIMAL
10/19/2019 10:43	10/19/2019 15:40	Subtransmission	None	TRK 2032			ANIMAL
12/13/2019 9:05	12/13/2019 14:54	Subtransmission	None	TIE 1544			ANIMAL
12/13/2019 9:15	12/15/2019 22:48	Subtransmission	None	TIE 1544			ANIMAL
5/18/2020 8:42	5/18/2020 16:06	Subtransmission	None	TRK 6842			ANIMAL
6/21/2020 8:06	6/21/2020 23:12	Subtransmission	None	TRK 2523			ANIMAL
6/22/2020 6:08	6/22/2020 7:37	Subtransmission	Distribution	TRK 2523	8	745	ANIMAL
6/29/2021 6:43	6/29/2021 17:00	Subtransmission	Distribution	TRK 2002	53	2080	ANIMAL
5/29/2022 8:25	5/29/2022 20:19	Subtransmission	None	TRK 4301			ANIMAL
8/10/2022 9:16	8/10/2022 13:46	Subtransmission	None	TRK 6941			ANIMAL
4/5/2023 1:47	4/5/2023 14:07	Subtransmission	None	TRK 2742			ANIMAL
6/8/2023 7:50	6/8/2023 14:56	Subtransmission	None	TRK 6938			ANIMAL
1/8/2018 8:07	1/8/2018 14:18	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
4/30/2018 16:28	5/1/2018 14:48	Subtransmission	None	TIE 4505			EQUIPMENT FAILURE
6/16/2018 6:29	6/16/2018 20:22	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
6/22/2018 13:50	6/22/2018 14:25	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
6/23/2018 15:59	6/23/2018 21:32	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
6/23/2018 4:24	6/23/2018 14:33	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
7/3/2018 4:42	7/3/2018 13:20	Subtransmission	None	TRK 7386			EQUIPMENT FAILURE
7/15/2018 8:54	7/15/2018 14:05	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
8/1/2018 4:43	8/2/2018 12:38	Subtransmission	None	TRK 2918			EQUIPMENT FAILURE
8/4/2018 13:24	8/4/2018 17:49	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
9/23/2018 13:00	9/23/2018 14:45	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
9/24/2018 16:17	9/24/2018 20:44	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
9/24/2018 21:49	9/26/2018 11:38	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
11/30/2018 20:14	11/30/2018 22:39	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
12/27/2018 14:20	12/27/2018 20:38	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
1/23/2019 0:53	1/23/2019 5:20	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
1/28/2019 18:24	1/29/2019 2:19	Subtransmission	None	TRK 2510			EQUIPMENT FAILURE
1/28/2019 19:43	1/28/2019 21:44	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE
2/24/2019 14:42	2/24/2019 20:30	Subtransmission	Distribution	TRK 2038	195	78113	EQUIPMENT FAILURE
7/1/2019 18:55	7/1/2019 21:30	Subtransmission	Distribution	TIE 6147	1495	27909	EQUIPMENT FAILURE
7/1/2019 20:25	7/1/2019 21:23	Subtransmission	Distribution	TIE 6147	2584	43834	EQUIPMENT FAILURE
7/3/2019 15:58	7/4/2019 15:38	Subtransmission	None	TRK 3632			EQUIPMENT FAILURE
9/15/2019 15:39	9/15/2019 20:52	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
9/24/2019 7:39	9/24/2019 20:20	Subtransmission	None	TRK 346			EQUIPMENT FAILURE
9/28/2019 12:38	9/28/2019 15:44	Subtransmission	None	TRK 7130			EQUIPMENT FAILURE
9/29/2019 9:11	10/1/2019 14:24	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
10/27/2019 4:29	10/28/2019 15:00	Subtransmission	Distribution	TIE 7621	4	8038	EQUIPMENT FAILURE
10/27/2019 4:58	10/28/2019 15:01	Subtransmission	None	TIE 7621			EQUIPMENT FAILURE
12/26/2019 12:51	12/26/2019 14:48	Subtransmission	None	TRK 1346			EQUIPMENT FAILURE
12/30/2019 22:20	12/31/2019 16:26	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
4/29/2020 11:05	4/29/2020 12:54	Subtransmission	None	TRK 5917			EQUIPMENT FAILURE
5/25/2020 4:45	5/25/2020 15:25	Subtransmission	None	TRK 7909			EQUIPMENT FAILURE
5/27/2020 21:23	5/28/2020 6:17	Subtransmission	None	TRK 7909			EQUIPMENT FAILURE
5/27/2020 9:26	5/27/2020 21:12	Subtransmission	None	TRK 7909			EQUIPMENT FAILURE
6/9/2020 23:40	6/10/2020 5:10	Subtransmission	None	TRK 6842			EQUIPMENT FAILURE
9/2/2020 11:12	9/2/2020 16:13	Subtransmission	None	TRK 9303			EQUIPMENT FAILURE
10/5/2020 19:52	10/5/2020 21:49	Subtransmission	None	TRK 4351			EQUIPMENT FAILURE
10/21/2020 3:21	10/21/2020 11:08	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
10/21/2020 7:01	10/21/2020 11:08	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
11/13/2020 14:20	11/14/2020 16:53	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
11/17/2020 15:19	11/18/2020 15:58	Subtransmission	None	TRK 3511			EQUIPMENT FAILURE
11/26/2020 15:54	11/26/2020 16:45	Subtransmission	Distribution	TIE 6621	704	36323	EQUIPMENT FAILURE
11/26/2020 15:55	11/26/2020 16:45	Subtransmission	Distribution	TIE 6621	1202	62147	EQUIPMENT FAILURE
11/28/2020 12:43	11/29/2020 18:33	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
11/28/2020 16:02	11/28/2020 17:40	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
1/22/2021 9:00	1/22/2021 16:48	Subtransmission	None	TRK 2301			EQUIPMENT FAILURE
5/3/2021 7:34	5/3/2021 11:06	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
5/3/2021 7:05	5/3/2021 12:25	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
5/30/2021 18:38	5/31/2021 5:37	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
6/9/2021 5:06	6/10/2021 14:05	Subtransmission	None	TRK 5145			EQUIPMENT FAILURE
8/19/2021 6:20	8/19/2021 21:31	Subtransmission	None	TRK 2922			EQUIPMENT FAILURE
9/30/2021 16:31	9/30/2021 17:32	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
11/9/2021 16:33	11/10/2021 6:01	Subtransmission	None	TIE 2819			EQUIPMENT FAILURE
11/30/2021 8:32	11/30/2021 11:56	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
1/11/2022 9:12	1/11/2022 12:52	Subtransmission	None	TRK 4419			EQUIPMENT FAILURE
4/4/2022 10:53	4/4/2022 20:29	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
4/25/2022 14:27	4/25/2022 16:56	Subtransmission	None	TRK 3650			EQUIPMENT FAILURE
9/11/2022 18:40	9/13/2022 17:57	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
9/29/2022 11:18	9/29/2022 18:28	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
3/4/2023 2:52	3/6/2023 12:20	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
6/16/2023 17:12	6/18/2023 8:50	Subtransmission	None	TRK 2907			EQUIPMENT FAILURE
6/24/2023 20:39	7/2/2023 23:58	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
8/29/2023 19:09	2/8/2024 22:40	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
11/7/2023 13:09	11/7/2023 21:01	Subtransmission	None	TRK 6842			EQUIPMENT FAILURE
2/11/2022 9:13	2/11/2022 9:40	Subtransmission	Distribution	TIE 7430	213	5318	INTENTIONAL
8/29/2021 20:54	8/30/2021 13:54	Subtransmission	None	TIE 4501			LIGHTNING
8/29/2021 19:45	8/29/2021 21:05	Subtransmission	Distribution	TIE 4501	346	26873	LIGHTNING
8/13/2018 18:47	8/14/2018 6:01	Subtransmission	None	TIE 3417			TREE
8/13/2018 18:42	8/14/2018 11:49	Subtransmission	None	TIE 3417			TREE
5/26/2019 15:13	5/27/2019 12:53	Subtransmission	None	TIE 3203			TREE
6/20/2020 17:55	6/20/2020 19:14	Subtransmission	None	TRK 2523			TREE
6/20/2020 17:01	6/20/2020 21:35	Subtransmission	None	TRK 2523			TREE
8/2/2020 12:41	8/2/2020 20:31	Subtransmission	None	TIE 3208			TREE
4/10/2021 20:52	4/11/2021 0:45	Subtransmission	Distribution	TIE 8033	66	48782	TREE
4/10/2021 18:34	4/10/2021 20:47	Subtransmission	Distribution	TIE 8033	65	8010	TREE
12/1/2019 23:25	12/2/2019 13:54	Subtransmission	None	TRK 4301			ANIMAL
12/1/2019 13:31	12/1/2019 16:54	Subtransmission	None	TRK 4301			ANIMAL
12/2/2019 17:19	12/2/2019 22:46	Subtransmission	None	TRK 4301			ANIMAL
3/11/2020 23:51	3/12/2020 5:45	Subtransmission	None	TIE 3318			ANIMAL
1/23/2018 8:01	1/23/2018 15:04	Subtransmission	None	TRK 2713			EQUIPMENT FAILURE
4/4/2018 17:34	4/5/2018 12:15	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
4/5/2018 9:21	4/5/2018 10:30	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
4/5/2018 8:51	4/5/2018 10:30	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
4/5/2018 8:50	4/5/2018 10:32	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
6/7/2018 22:28	6/7/2018 22:44	Subtransmission	Distribution	TIE 9123	409	6507	EQUIPMENT FAILURE
6/7/2018 20:12	6/8/2018 6:57	Subtransmission	None	TIE 9123			EQUIPMENT FAILURE
6/8/2018 14:39	6/8/2018 17:30	Subtransmission	Distribution	TIE 7520	414	70454	EQUIPMENT FAILURE
6/8/2018 14:39	6/8/2018 15:34	Subtransmission	Distribution	TIE 7520	171	9344	EQUIPMENT FAILURE
6/8/2018 14:39	6/8/2018 15:34	Subtransmission	Distribution	TIE 7520	364	20030	EQUIPMENT FAILURE
6/8/2018 14:44	6/8/2018 21:07	Subtransmission	None	TIE 7520			EQUIPMENT FAILURE

7/12/2018 17:01	7/17/2018 19:26	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
8/27/2018 8:50	8/28/2018 14:01	Subtransmission	None	TIE 7504			EQUIPMENT FAILURE
10/14/2018 12:43	10/15/2018 14:17	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
10/30/2018 11:36	10/31/2018 16:47	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
11/26/2018 8:42	11/26/2018 11:11	Subtransmission	None	TRK 2439			EQUIPMENT FAILURE
12/15/2018 10:51	12/15/2018 19:02	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
12/27/2018 11:25	12/27/2018 13:39	Subtransmission	None	TIE 9123			EQUIPMENT FAILURE
1/14/2019 12:42	1/15/2019 10:57	Subtransmission	None	TIE 4501			EQUIPMENT FAILURE
1/23/2019 9:35	1/23/2019 16:58	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
1/23/2019 10:25	1/23/2019 17:10	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
2/2/2019 3:53	2/2/2019 4:48	Subtransmission	Distribution	TIE 4104	1054	61323	EQUIPMENT FAILURE
2/2/2019 1:36	2/2/2019 20:30	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
2/22/2019 7:51	2/22/2019 10:49	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
5/15/2019 16:59	5/16/2019 20:05	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
5/25/2019 13:23	5/25/2019 19:47	Subtransmission	None	TRK 3546			EQUIPMENT FAILURE
7/4/2019 8:16	7/4/2019 15:17	Subtransmission	None	TRK 9107			EQUIPMENT FAILURE
9/4/2019 15:52	9/4/2019 19:59	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
9/5/2019 15:13	9/5/2019 15:24	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
9/6/2019 10:56	9/6/2019 13:57	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
9/12/2019 9:38	9/12/2019 12:30	Subtransmission	None	TRK 6172			EQUIPMENT FAILURE
9/21/2019 18:57	9/22/2019 16:08	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
9/28/2019 8:54	9/28/2019 14:23	Subtransmission	None	TIE 4412			EQUIPMENT FAILURE
9/29/2019 8:13	10/30/2019 10:51	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
12/8/2019 13:31	12/8/2019 16:20	Subtransmission	Distribution	TIE 9111	514	81858	EQUIPMENT FAILURE
12/8/2019 13:45	12/8/2019 21:17	Subtransmission	None	TIE 9111			EQUIPMENT FAILURE
1/18/2020 13:34	1/18/2020 15:43	Subtransmission	None	TRK 1248			EQUIPMENT FAILURE
1/20/2020 12:27	1/20/2020 19:59	Subtransmission	None	TRK 1248			EQUIPMENT FAILURE
1/27/2020 9:57	1/27/2020 12:05	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
2/25/2020 4:44	2/25/2020 7:43	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
2/25/2020 4:09	2/25/2020 20:12	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
4/15/2020 12:22	4/15/2020 13:30	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
5/21/2020 21:54	5/22/2020 5:03	Subtransmission	None	TRK 5817			EQUIPMENT FAILURE
7/9/2020 19:32	7/9/2020 21:00	Subtransmission	Distribution	TIE 8033	64	20827	EQUIPMENT FAILURE
7/9/2020 19:47	7/10/2020 14:49	Subtransmission	None	TIE 8033			EQUIPMENT FAILURE
7/10/2020 2:04	7/10/2020 2:20	Subtransmission	Distribution	TIE 8033	340	6653	EQUIPMENT FAILURE
7/10/2020 3:52	7/10/2020 16:00	Subtransmission	Distribution	TIE 8033			EQUIPMENT FAILURE
7/10/2020 2:21	7/10/2020 8:36	Subtransmission	None	TIE 8033			EQUIPMENT FAILURE
7/10/2020 2:55	7/10/2020 5:41	Subtransmission	None	TIE 8033			EQUIPMENT FAILURE
8/27/2020 14:44	8/27/2020 20:43	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
2/3/2021 15:31	2/3/2021 18:30	Subtransmission	None	TIE 6117			EQUIPMENT FAILURE
2/15/2021 10:46	2/15/2021 11:47	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
2/15/2021 10:42	2/15/2021 11:47	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
3/11/2021 12:42	3/11/2021 19:36	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
3/11/2021 11:15	3/11/2021 12:31	Subtransmission	Distribution	TRK 7729	793	22309	EQUIPMENT FAILURE
3/11/2021 11:31	3/11/2021 16:36	Subtransmission	None	TRK 7729			EQUIPMENT FAILURE
3/29/2021 16:22	3/29/2021 21:01	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
4/4/2021 18:03	4/4/2021 23:17	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
4/4/2021 18:15	4/5/2021 5:46	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
4/21/2021 16:07	4/21/2021 18:15	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
4/27/2021 10:10	4/27/2021 15:16	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
5/2/2021 6:56	5/2/2021 14:49	Subtransmission	None	TRK 3208			EQUIPMENT FAILURE
6/8/2021 16:38	6/10/2021 18:17	Subtransmission	None	TRK 5140			EQUIPMENT FAILURE
6/11/2021 13:36	6/12/2021 14:30	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
6/12/2021 7:29	6/12/2021 14:30	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
6/14/2021 8:44	6/14/2021 15:23	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/15/2021 8:29	7/15/2021 21:51	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
7/20/2021 17:52	7/20/2021 22:47	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
7/30/2021 12:48	7/30/2021 17:48	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
8/25/2021 12:56	8/27/2021 17:48	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
9/15/2021 18:44	9/16/2021 11:49	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
11/1/2021 13:52	11/1/2021 17:28	Subtransmission	None	TRK 2826			EQUIPMENT FAILURE
11/5/2021 1:15	11/5/2021 2:34	Subtransmission	Distribution	TRK 853	885	70006	EQUIPMENT FAILURE
11/5/2021 1:20	11/10/2021 9:24	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
11/5/2021 1:15	11/5/2021 2:34	Subtransmission	Distribution	TRK 853	611	48324	EQUIPMENT FAILURE
3/28/2022 11:32	3/28/2022 18:06	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
4/23/2022 7:12	4/23/2022 16:52	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
6/16/2022 11:22	6/18/2022 7:48	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
7/3/2022 17:08	7/3/2022 19:39	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
8/30/2022 9:37	8/30/2022 21:16	Subtransmission	None	TRK 6508			EQUIPMENT FAILURE
9/11/2022 9:09	9/11/2022 16:57	Subtransmission	None	TIE 3323			EQUIPMENT FAILURE
9/12/2022 12:40	9/12/2022 13:10	Subtransmission	Distribution	TRK 1229	1	75	EQUIPMENT FAILURE
9/12/2022 12:43	9/12/2022 13:14	Subtransmission	Distribution	TRK 1229	2	148	EQUIPMENT FAILURE
9/12/2022 14:09	9/12/2022 17:09	Subtransmission	None	TRK 1229			EQUIPMENT FAILURE
9/12/2022 4:18	9/12/2022 16:51	Subtransmission	None	TRK 1229			EQUIPMENT FAILURE
2/10/2023 12:21	2/13/2023 12:55	Subtransmission	None	TRK 6941			EQUIPMENT FAILURE
3/16/2023 10:49	3/16/2023 17:20	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
4/7/2023 7:32	4/8/2023 0:38	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
5/31/2023 6:58	6/16/2023 9:23	Subtransmission	None	TIE 9310			EQUIPMENT FAILURE
6/15/2023 9:15	6/15/2023 14:12	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
6/16/2023 9:13	7/10/2023 22:35	Subtransmission	None	TIE 9310			EQUIPMENT FAILURE
6/20/2023 10:54	8/29/2023 11:35	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
6/20/2023 8:28	6/20/2023 10:56	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
7/23/2023 23:16	7/24/2023 3:19	Subtransmission	Subtransmission	TIE 810	2245	4660368	EQUIPMENT FAILURE
7/23/2023 21:45	7/24/2023 7:09	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
7/26/2023 17:10	7/28/2023 16:35	Subtransmission	Subtransmission	TRK 2918	15	43032	EQUIPMENT FAILURE
8/24/2023 23:08	8/26/2023 12:43	Subtransmission	None	TIE 2025			EQUIPMENT FAILURE
9/1/2023 14:05	9/9/2023 9:43	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
9/17/2023 16:15	9/18/2023 18:04	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
5/20/2020 9:01	5/20/2020 9:09	Subtransmission	Distribution	TRK 2806	481	4954	INTENTIONAL
8/24/2023 19:21	8/26/2023 12:20	Subtransmission	None	TIE 6602			LIGHTNING
8/21/2022 14:14	8/21/2022 21:41	Subtransmission	None	TRK 6508			TREE
7/26/2023 19:39	7/29/2023 4:22	Subtransmission	None	TRK 2918			WIND
11/4/2023 18:54	1/10/2024 14:08	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
11/4/2023 18:26	11/4/2023 18:56	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
4/5/2018 7:54	4/5/2018 23:07	Subtransmission	None	TIE 3502			TREE
2/18/2020 19:50	2/18/2020 21:34	Subtransmission	None	TRK 2301			ANIMAL
6/23/2018 1:50	6/23/2018 5:30	Subtransmission	Distribution	TIE 4507	1096	36493	EQUIPMENT FAILURE
4/5/2019 8:57	4/5/2019 11:30	Subtransmission	None	TRK 7078			ANIMAL
4/16/2019 14:56	4/16/2019 20:48	Subtransmission	None	TRK 6125			ANIMAL
6/1/2019 9:44	6/1/2019 14:42	Subtransmission	None	TIE 6931			ANIMAL
6/1/2019 12:02	6/1/2019 12:22	Subtransmission	Distribution	TIE 6931	1272	28851	ANIMAL
6/29/2019 19:22	6/30/2019 13:46	Subtransmission	None	TIE 1423			ANIMAL
3/16/2020 15:34	3/16/2020 20:13	Subtransmission	None	TIE 2812			ANIMAL
3/16/2020 12:18	3/16/2020 13:02	Subtransmission	None	TIE 2812			ANIMAL
3/29/2021 22:49	3/30/2021 0:00	Subtransmission	Distribution	TIE 226	1398	144595	ANIMAL

3/29/2021 15:41	3/30/2021 3:19	Subtransmission	None	TIE 226		ANIMAL
3/29/2021 22:50	3/30/2021 0:30	Subtransmission	Distribution	TIE 226	1325	138094 ANIMAL
5/3/2021 7:32	5/3/2021 11:40	Subtransmission	None	TIE 3220		ANIMAL
5/3/2021 7:08	5/3/2021 11:24	Subtransmission	None	TIE 3220		ANIMAL
12/11/2021 10:27	12/11/2021 20:00	Subtransmission	Distribution	TRK 5239	757	171614 ANIMAL
5/16/2023 6:27	5/16/2023 13:24	Subtransmission	Circuit Level	TRK 3536	366	69094 ANIMAL
5/16/2023 6:28	5/16/2023 13:16	Subtransmission	Circuit Level	TRK 3536	520	98167 ANIMAL
5/16/2023 6:27	5/16/2023 13:21	Subtransmission	Circuit Level	TRK 3536		ANIMAL
5/16/2023 6:55	5/16/2023 13:11	Subtransmission	Circuit Level	TRK 3536	1	5 ANIMAL
5/16/2023 6:28	5/16/2023 13:13	Subtransmission	Circuit Level	TRK 3536	939	177279 ANIMAL
5/16/2023 6:27	5/16/2023 13:23	Subtransmission	Circuit Level	TRK 3536		ANIMAL
5/16/2023 6:29	5/16/2023 13:09	Subtransmission	Device (I)	TRK 3536	476	89859 ANIMAL
1/15/2018 17:22	1/16/2018 0:24	Subtransmission	None	TIE 185		EQUIPMENT FAILURE
1/16/2018 13:46	1/16/2018 20:37	Subtransmission	None	TIE 185		EQUIPMENT FAILURE
1/16/2018 10:17	1/16/2018 19:01	Subtransmission	None	TIE 3416		EQUIPMENT FAILURE
1/21/2018 9:05	1/21/2018 15:59	Subtransmission	None	TRK 2027		EQUIPMENT FAILURE
1/22/2018 20:27	1/22/2018 21:54	Subtransmission	Distribution	TIE 9205	1163	98996 EQUIPMENT FAILURE
1/22/2018 20:27	1/22/2018 21:54	Subtransmission	Distribution	TIE 9205	135	11497 EQUIPMENT FAILURE
1/22/2018 20:27	1/22/2018 21:54	Subtransmission	Distribution	TIE 9205	416	35576 EQUIPMENT FAILURE
1/22/2018 20:27	1/22/2018 21:54	Subtransmission	Distribution	TIE 9205	202	17248 EQUIPMENT FAILURE
1/22/2018 20:36	1/22/2018 22:11	Subtransmission	None	TIE 9205		EQUIPMENT FAILURE
1/23/2018 17:49	1/23/2018 22:00	Subtransmission	Distribution	TRK 5510	971	165766 EQUIPMENT FAILURE
1/25/2018 11:17	2/7/2018 7:20	Subtransmission	None	TIE 1423		EQUIPMENT FAILURE
2/1/2018 12:46	2/1/2018 16:15	Subtransmission	None	TRK 2931		EQUIPMENT FAILURE
2/1/2018 12:46	2/1/2018 16:15	Subtransmission	None	TRK 2931		EQUIPMENT FAILURE
2/1/2018 13:36	2/1/2018 14:19	Subtransmission	Distribution	TRK 2931	689	33513 EQUIPMENT FAILURE
2/5/2018 20:38	2/6/2018 2:50	Subtransmission	Distribution	TIE 3416	125	46532 EQUIPMENT FAILURE
2/19/2018 17:52	2/20/2018 3:56	Subtransmission	None	TRK 2824		EQUIPMENT FAILURE
2/23/2018 15:41	2/23/2018 20:26	Subtransmission	None	TIE 4901		EQUIPMENT FAILURE
3/5/2018 23:50	3/6/2018 5:49	Subtransmission	None	TIE 810		EQUIPMENT FAILURE
3/14/2018 12:31	3/14/2018 23:43	Subtransmission	None	TRK 2237		EQUIPMENT FAILURE
3/20/2018 18:30	3/21/2018 13:05	Subtransmission	None	TRK 2411		EQUIPMENT FAILURE
3/26/2018 13:47	3/26/2018 20:42	Subtransmission	None	TRK 2411		EQUIPMENT FAILURE
3/29/2018 11:37	3/29/2018 16:30	Subtransmission	None	TIE 226		EQUIPMENT FAILURE
3/30/2018 12:55	3/30/2018 14:19	Subtransmission	None	TIE 4412		EQUIPMENT FAILURE
4/2/2018 5:36	4/2/2018 8:11	Subtransmission	Distribution	TRK 1728	1052	191425 EQUIPMENT FAILURE
4/2/2018 8:19	4/2/2018 19:24	Subtransmission	None	TRK 1728		EQUIPMENT FAILURE
4/2/2018 5:36	4/2/2018 8:11	Subtransmission	Distribution	TRK 1728	448	77492 EQUIPMENT FAILURE
4/2/2018 5:37	4/2/2018 8:20	Subtransmission	Distribution	TRK 1728	26	5716 EQUIPMENT FAILURE
4/2/2018 5:36	4/2/2018 8:12	Subtransmission	Distribution	TRK 1728	672	141019 EQUIPMENT FAILURE
4/2/2018 5:53	4/2/2018 8:20	Subtransmission	Distribution	TRK 1728	28	5543 EQUIPMENT FAILURE
4/3/2018 19:40	4/3/2018 23:29	Subtransmission	None	TRK 448		EQUIPMENT FAILURE
4/3/2018 19:30	4/3/2018 20:24	Subtransmission	Subtransmission	TRK 448	847	45654 EQUIPMENT FAILURE
4/3/2018 22:14	4/5/2018 21:28	Subtransmission	None	TRK 448		EQUIPMENT FAILURE
4/3/2018 19:30	4/3/2018 20:24	Subtransmission	Subtransmission	TRK 448	947	50924 EQUIPMENT FAILURE
4/3/2018 19:30	4/3/2018 20:24	Subtransmission	Subtransmission	TRK 448	972	52956 EQUIPMENT FAILURE
4/6/2018 5:55	4/6/2018 7:30	Subtransmission	Subtransmission	TRK 3511	874	83585 EQUIPMENT FAILURE
4/6/2018 10:56	4/13/2018 17:20	Subtransmission	None	TRK 3511		EQUIPMENT FAILURE
4/6/2018 5:55	4/6/2018 7:30	Subtransmission	Subtransmission	TRK 3511	816	77216 EQUIPMENT FAILURE
4/7/2018 12:54	4/7/2018 21:47	Subtransmission	None	TRK 2250		EQUIPMENT FAILURE
4/9/2018 15:51	4/12/2018 14:36	Subtransmission	None	TRK 2250		EQUIPMENT FAILURE
4/11/2018 13:15	4/11/2018 23:21	Subtransmission	None	TRK 448		EQUIPMENT FAILURE
4/13/2018 19:47	4/14/2018 17:55	Subtransmission	Distribution	TIE 7504	951	1278675 EQUIPMENT FAILURE
4/13/2018 19:47	4/13/2018 20:51	Subtransmission	Distribution	TIE 7504	71	4419 EQUIPMENT FAILURE
4/13/2018 19:47	4/14/2018 17:55	Subtransmission	Distribution	TIE 7504	626	863591 EQUIPMENT FAILURE
4/13/2018 19:47	4/14/2018 6:27	Subtransmission	Distribution	TIE 7504	337	215371 EQUIPMENT FAILURE
4/13/2018 19:47	4/13/2018 20:51	Subtransmission	Distribution	TIE 7504	231	14414 EQUIPMENT FAILURE
4/15/2018 11:03	4/16/2018 18:14	Subtransmission	None	TRK 2032		EQUIPMENT FAILURE
4/15/2018 10:58	4/19/2018 12:58	Subtransmission	None	TRK 2032		EQUIPMENT FAILURE
4/20/2018 15:48	2/26/2019 14:33	Subtransmission	None	TRK 1423		EQUIPMENT FAILURE
4/27/2018 14:52	4/27/2018 20:28	Subtransmission	None	TIE 3705		EQUIPMENT FAILURE
5/4/2018 17:59	5/5/2018 19:56	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
5/4/2018 13:02	5/5/2018 5:21	Subtransmission	Subtransmission	TIE 1473	711	381726 EQUIPMENT FAILURE
5/4/2018 14:02	5/4/2018 21:15	Subtransmission	Distribution	TIE 1473		EQUIPMENT FAILURE
5/4/2018 10:30	5/6/2018 13:56	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
5/4/2018 13:32	5/5/2018 13:30	Subtransmission	Distribution	TIE 226	1820	2552858 EQUIPMENT FAILURE
5/8/2018 16:46	5/16/2018 7:59	Subtransmission	None	TIE 2648		EQUIPMENT FAILURE
5/8/2018 23:02	5/9/2018 6:56	Subtransmission	Distribution	TRK 2111	135	65491 EQUIPMENT FAILURE
5/8/2018 23:02	5/9/2018 6:35	Subtransmission	Distribution	TRK 2111	147	51656 EQUIPMENT FAILURE
5/8/2018 23:02	5/9/2018 6:54	Subtransmission	Distribution	TRK 2111	140	67390 EQUIPMENT FAILURE
5/9/2018 8:07	5/11/2018 0:46	Subtransmission	None	TRK 7411		EQUIPMENT FAILURE
5/21/2018 15:06	5/31/2018 14:36	Subtransmission	None	TIE 1423		EQUIPMENT FAILURE
5/23/2018 16:40	5/23/2018 21:03	Subtransmission	None	TIE 6138		EQUIPMENT FAILURE
5/23/2018 16:41	5/23/2018 21:03	Subtransmission	None	TIE 6138		EQUIPMENT FAILURE
5/25/2018 16:44	5/25/2018 22:21	Subtransmission	None	TRK 359		EQUIPMENT FAILURE
5/27/2018 8:10	5/27/2018 18:19	Subtransmission	None	TRK 7122		EQUIPMENT FAILURE
6/1/2018 9:21	6/1/2018 20:10	Subtransmission	Distribution	TIE 1473	1	167 EQUIPMENT FAILURE
6/1/2018 9:37	6/1/2018 17:14	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:06	6/1/2018 20:19	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 8:57	6/1/2018 17:05	Subtransmission	Distribution	TIE 1473	588	230357 EQUIPMENT FAILURE
6/1/2018 9:29	6/1/2018 14:34	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:27	6/1/2018 11:00	Subtransmission	Distribution	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:24	6/1/2018 14:43	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:35	6/1/2018 14:34	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 0:18	6/1/2018 17:15	Subtransmission	Distribution	TIE 1473	626	318509 EQUIPMENT FAILURE
6/1/2018 9:23	6/1/2018 14:33	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:37	6/1/2018 14:41	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/1/2018 9:27	6/1/2018 14:35	Subtransmission	None	TIE 1473		EQUIPMENT FAILURE
6/14/2018 19:07	6/14/2018 23:44	Subtransmission	None	TRK 2907		EQUIPMENT FAILURE
6/15/2018 14:17	6/15/2018 14:57	Subtransmission	None	TRK 829		EQUIPMENT FAILURE
6/18/2018 16:58	6/19/2018 17:31	Subtransmission	None	TRK 385		EQUIPMENT FAILURE
6/18/2018 7:19	6/18/2018 10:47	Subtransmission	None	TRK 385		EQUIPMENT FAILURE
6/20/2018 17:38	6/21/2018 15:18	Subtransmission	None	TIE 5513		EQUIPMENT FAILURE
7/5/2018 11:16	7/6/2018 3:55	Subtransmission	None	TRK 7130		EQUIPMENT FAILURE
7/5/2018 11:27	7/5/2018 19:23	Subtransmission	None	TRK 7130		EQUIPMENT FAILURE
7/14/2018 7:01	7/15/2018 11:46	Subtransmission	None	TIE 1531		EQUIPMENT FAILURE
7/14/2018 4:12	7/14/2018 5:10	Subtransmission	None	TIE 1531		EQUIPMENT FAILURE
7/27/2018 14:36	8/2/2018 7:31	Subtransmission	None	TIE 4523		EQUIPMENT FAILURE
8/21/2018 2:38	8/21/2018 5:50	Subtransmission	Distribution	TIE 6907	368	78634 EQUIPMENT FAILURE
8/27/2018 20:50	8/28/2018 4:46	Subtransmission	None	TIE 3203		EQUIPMENT FAILURE
8/27/2018 19:03	8/27/2018 20:39	Subtransmission	None	TIE 3203		EQUIPMENT FAILURE
8/30/2018 22:50	8/30/2018 23:07	Subtransmission	Distribution	TIE 7504	135	2202 EQUIPMENT FAILURE
8/30/2018 2:17	8/30/2018 5:29	Subtransmission	None	TRK 4911		EQUIPMENT FAILURE
9/3/2018 12:08	9/4/2018 3:42	Subtransmission	None	TIE 4708		EQUIPMENT FAILURE
9/3/2018 15:16	9/4/2018 1:15	Subtransmission	Distribution	TIE 4708	314	222026 EQUIPMENT FAILURE

9/3/2018 20:58	9/4/2018 20:31	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
9/13/2018 8:02	9/13/2018 8:45	Subtransmission	Distribution	TIE 4501	357	15407	EQUIPMENT FAILURE
9/25/2018 8:37	9/25/2018 13:10	Subtransmission	Distribution	TIE 3203	978	277388	EQUIPMENT FAILURE
9/25/2018 8:49	9/25/2018 14:15	Subtransmission	None	TIE 3203			EQUIPMENT FAILURE
9/26/2018 15:36	11/12/2018 16:16	Subtransmission	None	TRK 7389			EQUIPMENT FAILURE
9/27/2018 6:48	9/27/2018 20:57	Subtransmission	None	TRK 2455			EQUIPMENT FAILURE
10/3/2018 16:37	10/18/2018 21:12	Subtransmission	None	TRK 2455			EQUIPMENT FAILURE
10/6/2018 8:21	10/6/2018 20:27	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
10/7/2018 3:05	10/7/2018 22:33	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
10/15/2018 6:57	10/15/2018 17:07	Subtransmission	None	TRK 4351			EQUIPMENT FAILURE
10/29/2018 16:41	10/29/2018 22:36	Subtransmission	None	TRK 724			EQUIPMENT FAILURE
10/31/2018 18:08	10/31/2018 21:27	Subtransmission	None	TIE 3432			EQUIPMENT FAILURE
11/8/2018 7:02	11/8/2018 8:19	Subtransmission	Distribution	TRK 662	165	12845	EQUIPMENT FAILURE
11/8/2018 7:02	11/8/2018 8:19	Subtransmission	Distribution	TRK 662	573	44644	EQUIPMENT FAILURE
11/8/2018 7:21	11/8/2018 8:19	Subtransmission	Distribution	TRK 662	13	1002	EQUIPMENT FAILURE
11/8/2018 7:02	11/8/2018 8:19	Subtransmission	Distribution	TRK 662	1153	92831	EQUIPMENT FAILURE
11/9/2018 20:47	11/9/2018 22:49	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
11/14/2018 9:07	11/14/2018 10:08	Subtransmission	Distribution	TIE 7430		12	EQUIPMENT FAILURE
11/14/2018 9:07	11/14/2018 18:00	Subtransmission	Distribution	TIE 7430	878	354270	EQUIPMENT FAILURE
12/16/2018 12:59	12/16/2018 18:21	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
1/16/2019 8:38	1/16/2019 10:54	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
1/16/2019 7:26	1/16/2019 9:14	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
1/16/2019 7:18	1/16/2019 8:37	Subtransmission	Distribution	TRK 1232	1232	136668	EQUIPMENT FAILURE
1/17/2019 12:15	1/17/2019 12:46	Subtransmission	Distribution	TRK 445	82	2651	EQUIPMENT FAILURE
1/17/2019 12:14	1/17/2019 12:46	Subtransmission	Distribution	TRK 445	1165	37667	EQUIPMENT FAILURE
1/17/2019 12:15	1/17/2019 12:46	Subtransmission	Distribution	TRK 445	2230	72130	EQUIPMENT FAILURE
1/21/2019 23:57	1/22/2019 2:14	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
1/22/2019 0:37	1/22/2019 19:28	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
1/23/2019 16:18	1/23/2019 21:28	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
1/23/2019 16:23	1/23/2019 18:53	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
2/1/2019 15:46	2/1/2019 22:46	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
2/1/2019 13:24	2/1/2019 15:56	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
2/1/2019 10:55	2/1/2019 17:57	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
2/3/2019 9:51	2/3/2019 12:59	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
2/3/2019 9:42	2/3/2019 13:11	Subtransmission	Distribution	TRK 1303	1949	307102	EQUIPMENT FAILURE
2/3/2019 9:41	2/3/2019 12:29	Subtransmission	Subtransmission	TRK 1303	173	28930	EQUIPMENT FAILURE
2/3/2019 9:42	2/3/2019 13:11	Subtransmission	Distribution	TRK 1303	840	93219	EQUIPMENT FAILURE
2/3/2019 9:41	2/3/2019 13:11	Subtransmission	Distribution	TRK 1303	717	94937	EQUIPMENT FAILURE
2/8/2019 12:21	2/8/2019 14:40	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
2/8/2019 4:33	2/8/2019 15:02	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
2/12/2019 8:51	2/13/2019 12:48	Subtransmission	None	TRK 446			EQUIPMENT FAILURE
2/12/2019 9:02	2/12/2019 12:05	Subtransmission	None	TRK 446			EQUIPMENT FAILURE
2/14/2019 4:40	2/18/2019 17:13	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
2/14/2019 0:33	2/14/2019 2:45	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
2/15/2019 15:00	2/15/2019 19:30	Subtransmission	Distribution	TIE 4104	1141	307784	EQUIPMENT FAILURE
2/16/2019 7:56	2/16/2019 14:28	Subtransmission	None	TRK 3534			EQUIPMENT FAILURE
2/23/2019 5:01	2/23/2019 14:50	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
2/24/2019 19:14	2/26/2019 14:14	Subtransmission	None	TIE 3245			EQUIPMENT FAILURE
2/24/2019 19:41	2/26/2019 14:14	Subtransmission	None	TIE 3245			EQUIPMENT FAILURE
2/24/2019 18:54	2/24/2019 20:53	Subtransmission	Distribution	TIE 3245	274	32516	EQUIPMENT FAILURE
2/25/2019 6:57	2/27/2019 17:27	Subtransmission	None	TIE 9111			EQUIPMENT FAILURE
2/25/2019 14:06	2/25/2019 16:19	Subtransmission	None	TRK 7104			EQUIPMENT FAILURE
3/9/2019 18:17	3/9/2019 22:49	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
3/9/2019 17:54	3/9/2019 19:07	Subtransmission	Distribution	TIE 6138	283	32737	EQUIPMENT FAILURE
3/9/2019 17:56	3/9/2019 19:00	Subtransmission	Subtransmission	TIE 6138	1585	89676	EQUIPMENT FAILURE
3/9/2019 17:56	3/9/2019 19:00	Subtransmission	Subtransmission	TIE 6138	1179	64156	EQUIPMENT FAILURE
3/9/2019 17:55	3/9/2019 19:07	Subtransmission	Subtransmission	TIE 6138	1561	288504	EQUIPMENT FAILURE
3/9/2019 17:54	3/9/2019 19:09	Subtransmission	Subtransmission	TIE 6138	2519	158514	EQUIPMENT FAILURE
3/10/2019 17:07	3/10/2019 21:27	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
3/11/2019 18:14	3/11/2019 22:41	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
3/11/2019 19:47	3/11/2019 22:48	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
3/11/2019 21:54	3/12/2019 16:39	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
3/20/2019 4:14	3/20/2019 16:15	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
3/23/2019 13:36	3/23/2019 21:03	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
3/31/2019 0:20	3/31/2019 20:24	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
3/31/2019 0:19	3/31/2019 1:41	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
4/6/2019 10:51	4/6/2019 11:58	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
4/6/2019 10:42	4/6/2019 11:36	Subtransmission	Substation	TIE 5513	578	28186	EQUIPMENT FAILURE
4/6/2019 11:12	4/6/2019 16:37	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
4/12/2019 13:49	4/12/2019 16:23	Subtransmission	Distribution	TIE 586	641	87998	EQUIPMENT FAILURE
4/19/2019 9:39	4/19/2019 12:22	Subtransmission	Distribution	TRK 2611	517	84548	EQUIPMENT FAILURE
4/19/2019 9:39	4/19/2019 12:22	Subtransmission	Distribution	TRK 2611	792	129297	EQUIPMENT FAILURE
4/19/2019 9:39	4/19/2019 12:22	Subtransmission	Distribution	TRK 2636	404	78924	EQUIPMENT FAILURE
4/19/2019 17:40	4/19/2019 18:30	Subtransmission	Distribution	TRK 2636	1199	34161	EQUIPMENT FAILURE
4/26/2019 16:19	4/26/2019 20:18	Subtransmission	None	TRK 4419			EQUIPMENT FAILURE
4/27/2019 6:59	4/28/2019 5:10	Subtransmission	None	TRK 4419			EQUIPMENT FAILURE
4/28/2019 11:56	4/28/2019 17:08	Subtransmission	None	TIE 1544			EQUIPMENT FAILURE
4/28/2019 13:38	4/30/2019 18:43	Subtransmission	None	TRK 4419			EQUIPMENT FAILURE
5/13/2019 17:30	5/13/2019 21:15	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
5/13/2019 6:53	5/20/2019 14:14	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
5/19/2019 7:08	5/19/2019 17:34	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
5/21/2019 10:10	5/21/2019 13:57	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
5/22/2019 15:56	5/22/2019 21:21	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
5/22/2019 15:39	5/22/2019 17:40	Subtransmission	Distribution	TRK 5838	704	85815	EQUIPMENT FAILURE
5/26/2019 9:43	5/26/2019 11:47	Subtransmission	Distribution	TRK 1602	766	82919	EQUIPMENT FAILURE
5/26/2019 9:43	5/26/2019 12:02	Subtransmission	Distribution	TRK 1602	76	10562	EQUIPMENT FAILURE
5/26/2019 9:43	5/26/2019 13:27	Subtransmission	Distribution	TRK 1602	165	36982	EQUIPMENT FAILURE
5/26/2019 19:15	5/26/2019 19:38	Subtransmission	Subtransmission	TRK 5838	706	17675	EQUIPMENT FAILURE
5/26/2019 19:15	5/26/2019 19:38	Subtransmission	Subtransmission	TRK 8538	323	8061	EQUIPMENT FAILURE
5/26/2019 19:14	5/26/2019 19:38	Subtransmission	Subtransmission	TRK 8538	526	13178	EQUIPMENT FAILURE
5/27/2019 10:54	5/27/2019 20:18	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
5/27/2019 11:07	5/27/2019 14:15	Subtransmission	Distribution	TIE 1473			EQUIPMENT FAILURE
5/27/2019 11:21	5/27/2019 19:03	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
5/27/2019 10:53	5/27/2019 15:51	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
5/29/2019 4:21	5/30/2019 22:34	Subtransmission	None	TRK 5404			EQUIPMENT FAILURE
5/30/2019 6:54	5/30/2019 13:44	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
5/31/2019 19:47	6/2/2019 8:51	Subtransmission	None	TRK 3650			EQUIPMENT FAILURE
6/1/2019 14:22	6/3/2019 3:45	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
6/2/2019 16:12	6/3/2019 3:45	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
6/2/2019 11:25	6/2/2019 13:16	Subtransmission	Substation	TRK 1251	633	73268	EQUIPMENT FAILURE
6/2/2019 7:50	6/2/2019 20:37	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
6/3/2019 11:42	6/3/2019 14:11	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
6/5/2019 7:08	6/5/2019 9:45	Subtransmission	Distribution	TIE 6621	925	124256	EQUIPMENT FAILURE
6/5/2019 7:24	6/5/2019 9:34	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
6/5/2019 10:19	6/5/2019 14:23	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE

6/5/2019 17:36	6/5/2019 21:00	Subtransmission	Distribution	TRK 4301	355	46853	EQUIPMENT FAILURE
6/5/2019 7:24	6/5/2019 9:34	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
6/6/2019 18:21	6/6/2019 20:23	Subtransmission	None	TRK 2611			EQUIPMENT FAILURE
6/10/2019 8:43	6/10/2019 20:45	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
6/13/2019 19:45	6/13/2019 22:30	Subtransmission	Distribution	TIE 3220	1613	260969	EQUIPMENT FAILURE
6/13/2019 19:53	6/14/2019 11:05	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
6/17/2019 19:24	6/18/2019 1:48	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
6/17/2019 19:20	6/18/2019 3:58	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
6/28/2019 13:30	6/28/2019 19:01	Subtransmission	None	TIE 3646			EQUIPMENT FAILURE
6/28/2019 13:38	6/28/2019 19:43	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
6/28/2019 13:37	6/28/2019 19:43	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
7/1/2019 12:10	7/1/2019 14:20	Subtransmission	Distribution	TRK 1418	2	261	EQUIPMENT FAILURE
7/1/2019 6:48	7/2/2019 21:39	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
7/5/2019 17:41	7/6/2019 20:34	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
7/5/2019 15:08	7/5/2019 21:33	Subtransmission	Distribution	TRK 3662	237	90420	EQUIPMENT FAILURE
7/5/2019 15:08	7/5/2019 21:54	Subtransmission	Subtransmission	TRK 3662	1216	452984	EQUIPMENT FAILURE
7/5/2019 13:02	7/5/2019 22:35	Subtransmission	Subtransmission	TRK 3662	736	340701	EQUIPMENT FAILURE
7/5/2019 15:08	7/5/2019 21:45	Subtransmission	Distribution	TRK 3662	786	308405	EQUIPMENT FAILURE
7/6/2019 5:38	7/6/2019 15:00	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
7/9/2019 11:41	7/10/2019 18:22	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
7/11/2019 12:30	7/11/2019 16:02	Subtransmission	None	TRK 6125			EQUIPMENT FAILURE
7/11/2019 13:52	7/11/2019 14:30	Subtransmission	Distribution	TRK 6938	1797	59722	EQUIPMENT FAILURE
7/11/2019 13:52	7/11/2019 14:25	Subtransmission	Subtransmission	TRK 6938	2654	88473	EQUIPMENT FAILURE
7/11/2019 15:04	7/12/2019 6:14	Subtransmission	None	TRK 6938			EQUIPMENT FAILURE
7/20/2019 22:25	7/22/2019 20:01	Subtransmission	None	TIE 9303			EQUIPMENT FAILURE
7/20/2019 18:58	7/21/2019 14:03	Subtransmission	None	TIE 9303			EQUIPMENT FAILURE
7/20/2019 19:09	7/22/2019 20:01	Subtransmission	None	TIE 9303			EQUIPMENT FAILURE
7/21/2019 1:04	7/21/2019 19:49	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
7/21/2019 1:02	7/25/2019 15:15	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
7/21/2019 0:55	7/21/2019 13:29	Subtransmission	None	TRK 2439			EQUIPMENT FAILURE
7/21/2019 7:28	7/25/2019 16:23	Subtransmission	None	TRK 385			EQUIPMENT FAILURE
7/21/2019 18:46	7/22/2019 21:07	Subtransmission	None	TRK 7065			EQUIPMENT FAILURE
7/22/2019 5:09	7/23/2019 5:11	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
7/22/2019 1:15	7/22/2019 20:01	Subtransmission	None	TIE 9303			EQUIPMENT FAILURE
7/22/2019 1:13	7/23/2019 5:25	Subtransmission	None	TRK 385			EQUIPMENT FAILURE
7/22/2019 1:20	8/5/2019 10:24	Subtransmission	None	TRK 7065			EQUIPMENT FAILURE
7/23/2019 19:16	7/24/2019 16:30	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
7/23/2019 21:46	7/24/2019 16:27	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
7/24/2019 0:13	7/25/2019 17:22	Subtransmission	None	TRK 385			EQUIPMENT FAILURE
7/26/2019 7:51	7/26/2019 15:24	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
7/28/2019 15:16	7/28/2019 20:06	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
7/28/2019 12:58	7/28/2019 20:00	Subtransmission	Distribution	TIE 1467	169	26147	EQUIPMENT FAILURE
7/29/2019 15:03	7/30/2019 15:04	Subtransmission	Distribution	TIE 6147	1284	94358	EQUIPMENT FAILURE
7/29/2019 22:01	7/30/2019 18:00	Subtransmission	Distribution	TIE 6147	416	30797	EQUIPMENT FAILURE
7/30/2019 13:41	7/31/2019 4:40	Subtransmission	None	TRK 2205			EQUIPMENT FAILURE
7/30/2019 16:00	8/1/2019 5:48	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
8/1/2019 2:08	8/1/2019 18:43	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
8/5/2019 19:25	8/6/2019 5:40	Subtransmission	None	TRK 2118			EQUIPMENT FAILURE
8/12/2019 22:23	8/13/2019 14:51	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
8/12/2019 17:52	8/13/2019 4:40	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
8/12/2019 13:42	8/12/2019 16:15	Subtransmission	None	TRK 1555			EQUIPMENT FAILURE
8/20/2019 16:59	8/20/2019 21:27	Subtransmission	Distribution	TRK 7324	1320	353767	EQUIPMENT FAILURE
8/20/2019 16:16	8/20/2019 22:15	Subtransmission	Distribution	TRK 7324	1086	47490	EQUIPMENT FAILURE
8/20/2019 16:16	8/20/2019 17:00	Subtransmission	Distribution	TRK 7324	123	5341	EQUIPMENT FAILURE
8/20/2019 16:16	8/20/2019 17:00	Subtransmission	Distribution	TRK 7324	603	26194	EQUIPMENT FAILURE
8/20/2019 16:16	8/20/2019 17:00	Subtransmission	Distribution	TRK 7324	938	40931	EQUIPMENT FAILURE
8/20/2019 16:27	8/21/2019 14:42	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
8/21/2019 16:25	8/21/2019 18:50	Subtransmission	Distribution	TIE 3206	515	72806	EQUIPMENT FAILURE
8/21/2019 16:31	8/22/2019 20:31	Subtransmission	None	TIE 3206			EQUIPMENT FAILURE
8/21/2019 6:54	8/21/2019 14:42	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
8/23/2019 16:08	8/23/2019 23:55	Subtransmission	None	TRK 1110			EQUIPMENT FAILURE
9/1/2019 12:33	9/1/2019 20:00	Subtransmission	Distribution	TRK 5510	400	73623	EQUIPMENT FAILURE
9/2/2019 10:17	9/11/2019 0:02	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
9/2/2019 15:36	9/3/2019 6:51	Subtransmission	None	TRK 5510			EQUIPMENT FAILURE
9/4/2019 1:02	9/4/2019 11:36	Subtransmission	None	TRK 3511			EQUIPMENT FAILURE
9/9/2019 16:48	9/15/2019 13:23	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
9/9/2019 10:37	9/9/2019 17:21	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
9/10/2019 21:17	9/10/2019 22:45	Subtransmission	Subtransmission	TIE 4109	408	35771	EQUIPMENT FAILURE
9/10/2019 21:17	9/10/2019 22:45	Subtransmission	Subtransmission	TIE 4109	94	8169	EQUIPMENT FAILURE
9/10/2019 21:06	9/10/2019 22:22	Subtransmission	Subtransmission	TIE 4109	829	177241	EQUIPMENT FAILURE
9/11/2019 17:29	9/12/2019 17:04	Subtransmission	Distribution	TRK 2922	933	1211533	EQUIPMENT FAILURE
9/16/2019 7:51	9/17/2019 20:26	Subtransmission	None	TRK 346			EQUIPMENT FAILURE
9/16/2019 15:09	9/17/2019 20:25	Subtransmission	None	TRK 346			EQUIPMENT FAILURE
9/21/2019 16:41	9/21/2019 19:05	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:39	9/21/2019 18:05	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:47	9/21/2019 22:06	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:50	9/21/2019 19:05	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:45	9/21/2019 17:05	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:45	9/22/2019 11:23	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/21/2019 16:51	9/21/2019 21:05	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
9/25/2019 13:42	9/25/2019 14:10	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:39	9/25/2019 19:39	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 16:30	9/25/2019 20:37	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 16:09	9/25/2019 20:34	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 16:01	9/25/2019 19:39	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 16:23	9/25/2019 20:36	Subtransmission	Distribution	TRK 2519	1	235	EQUIPMENT FAILURE
9/25/2019 15:46	9/25/2019 20:49	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:46	9/25/2019 20:49	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:32	9/25/2019 19:32	Subtransmission	Distribution	TRK 2519	1057	250697	EQUIPMENT FAILURE
9/25/2019 15:47	9/25/2019 21:08	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:49	9/25/2019 21:27	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:50	9/25/2019 20:35	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 16:00	9/25/2019 20:35	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
9/25/2019 15:35	9/25/2019 20:47	Subtransmission	Distribution	TRK 2519	977	305640	EQUIPMENT FAILURE
9/25/2019 15:35	9/25/2019 19:32	Subtransmission	Distribution	TRK 2519	839	190652	EQUIPMENT FAILURE
9/25/2019 15:47	9/25/2019 21:05	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
10/2/2019 17:32	10/3/2019 1:44	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
10/7/2019 14:56	10/8/2019 7:17	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
10/10/2019 11:09	10/10/2019 12:08	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
10/14/2019 11:04	10/14/2019 13:28	Subtransmission	Distribution	TRK 7389	461	59381	EQUIPMENT FAILURE
10/14/2019 11:04	10/14/2019 13:28	Subtransmission	Distribution	TRK 7389	102	13136	EQUIPMENT FAILURE
10/14/2019 11:04	10/14/2019 13:28	Subtransmission	Distribution	TRK 7389	104	13393	EQUIPMENT FAILURE
10/20/2019 4:30	10/20/2019 13:17	Subtransmission	None	TRK 7389			EQUIPMENT FAILURE
10/20/2019 4:19	10/20/2019 14:00	Subtransmission	Distribution	TRK 7389	458	65266	EQUIPMENT FAILURE
10/20/2019 4:19	10/20/2019 8:15	Subtransmission	Distribution	TRK 7389	18	4205	EQUIPMENT FAILURE

10/20/2019 4:19	10/20/2019 6:40	Subtransmission	Distribution	TRK 7389	14	3765	EQUIPMENT FAILURE
10/21/2019 20:52	10/21/2019 21:54	Subtransmission	None	TRK 721			EQUIPMENT FAILURE
10/23/2019 17:02	10/24/2019 21:53	Subtransmission	None	TRK 7389			EQUIPMENT FAILURE
11/9/2019 10:00	11/9/2019 12:30	Subtransmission	Distribution	TRK 5906	1	188	EQUIPMENT FAILURE
11/26/2019 2:52	11/26/2019 21:02	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
11/26/2019 3:09	11/27/2019 6:25	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
11/27/2019 17:03	11/29/2019 5:00	Subtransmission	Distribution	TRK 1403	2	3645	EQUIPMENT FAILURE
11/27/2019 9:38	11/30/2019 5:32	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
11/29/2019 0:29	11/29/2019 16:06	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
11/29/2019 0:29	11/29/2019 16:07	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
11/30/2019 19:27	11/30/2019 22:28	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
12/7/2019 11:51	12/7/2019 22:38	Subtransmission	None	TRK 2713			EQUIPMENT FAILURE
12/9/2019 15:16	12/9/2019 17:37	Subtransmission	None	TRK 2437			EQUIPMENT FAILURE
12/29/2019 20:00	12/30/2019 19:34	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
12/29/2019 4:13	12/29/2019 13:53	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
12/29/2019 3:31	12/29/2019 18:03	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
12/31/2019 11:12	12/31/2019 20:59	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
12/31/2019 9:01	1/2/2020 6:50	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
12/31/2019 12:54	12/31/2019 16:45	Subtransmission	Subtransmission	TIE 1467	7	252	EQUIPMENT FAILURE
1/7/2020 0:54	1/7/2020 3:03	Subtransmission	Subtransmission	TRK 3511	299	38301	EQUIPMENT FAILURE
1/7/2020 0:54	1/7/2020 3:03	Subtransmission	Subtransmission	TRK 3511	17	2176	EQUIPMENT FAILURE
1/7/2020 1:31	1/7/2020 2:06	Subtransmission	None	TRK 3511			EQUIPMENT FAILURE
1/9/2020 23:34	1/10/2020 6:15	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 1:33	Subtransmission	Distribution	TIE 7733	603	79994	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 1:33	Subtransmission	Distribution	TIE 7733	537	71326	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 0:36	Subtransmission	Distribution	TIE 7733	1550	116038	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 0:36	Subtransmission	Distribution	TIE 7733	333	25438	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 1:33	Subtransmission	Distribution	TIE 7733	2	280	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 1:33	Subtransmission	Distribution	TIE 7733	93	12311	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 1:33	Subtransmission	Distribution	TIE 7733	2831	375745	EQUIPMENT FAILURE
1/9/2020 23:22	1/10/2020 0:36	Subtransmission	Distribution	TIE 7733	328	25319	EQUIPMENT FAILURE
1/11/2020 18:25	1/13/2020 19:41	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
1/11/2020 11:06	1/11/2020 13:27	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 10:56	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	320	14245	EQUIPMENT FAILURE
1/11/2020 10:56	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	1322	58864	EQUIPMENT FAILURE
1/11/2020 10:56	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	333	294000	EQUIPMENT FAILURE
1/11/2020 11:05	1/11/2020 13:29	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:01	1/11/2020 13:44	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:09	1/11/2020 12:53	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:02	1/11/2020 13:03	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:01	1/11/2020 11:51	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 10:59	1/11/2020 12:53	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:00	1/11/2020 13:28	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:54	1/11/2020 15:37	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:06	1/11/2020 11:51	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 10:56	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	539	24011	EQUIPMENT FAILURE
1/11/2020 11:06	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	88	3897	EQUIPMENT FAILURE
1/11/2020 10:57	1/11/2020 11:40	Subtransmission	Distribution	TIE 7733	2840	126528	EQUIPMENT FAILURE
1/11/2020 9:26	1/11/2020 11:47	Subtransmission	Distribution	TIE 7733	604	26855	EQUIPMENT FAILURE
1/11/2020 11:03	1/11/2020 19:42	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:31	1/12/2020 15:30	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:06	1/11/2020 11:52	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/11/2020 11:07	1/11/2020 11:52	Subtransmission	None	TIE 7733			EQUIPMENT FAILURE
1/12/2020 21:09	1/13/2020 3:06	Subtransmission	None	TRK 3518			EQUIPMENT FAILURE
1/14/2020 9:37	1/14/2020 15:15	Subtransmission	Distribution	TRK 474	1055	321268	EQUIPMENT FAILURE
1/14/2020 11:30	1/14/2020 15:45	Subtransmission	Distribution	TRK 474	12	4237	EQUIPMENT FAILURE
1/23/2020 17:02	1/24/2020 20:17	Subtransmission	None	TRK 1110			EQUIPMENT FAILURE
1/26/2020 21:42	1/27/2020 3:17	Subtransmission	Distribution	TRK 5906	1	212	EQUIPMENT FAILURE
2/19/2020 19:27	2/20/2020 15:00	Subtransmission	None	TRK 2301			EQUIPMENT FAILURE
3/8/2020 22:12	3/8/2020 22:28	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
3/17/2020 16:53	3/17/2020 19:42	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
3/17/2020 16:58	3/17/2020 19:45	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
3/17/2020 22:28	3/18/2020 4:54	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
3/19/2020 16:27	3/20/2020 20:58	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
3/20/2020 23:21	3/21/2020 11:06	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
3/20/2020 23:26	3/20/2020 23:46	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
3/20/2020 23:26	3/21/2020 2:13	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
3/21/2020 7:09	3/21/2020 12:27	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
3/26/2020 12:09	3/28/2020 14:42	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
3/29/2020 13:03	3/29/2020 17:14	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
3/29/2020 13:14	3/29/2020 17:21	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
3/29/2020 13:58	3/29/2020 18:28	Subtransmission	None	TRK 446			EQUIPMENT FAILURE
3/30/2020 4:51	3/30/2020 15:45	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
4/4/2020 21:18	4/4/2020 21:36	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/4/2020 21:16	4/4/2020 21:23	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/4/2020 21:15	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	785	46675	EQUIPMENT FAILURE
4/4/2020 21:18	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	392	22303	EQUIPMENT FAILURE
4/4/2020 21:36	4/5/2020 5:15	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/4/2020 21:18	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	383	39974	EQUIPMENT FAILURE
4/4/2020 21:39	4/5/2020 5:14	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/4/2020 21:15	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	383	67050	EQUIPMENT FAILURE
4/4/2020 21:15	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	41	7013	EQUIPMENT FAILURE
4/4/2020 21:15	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	301	31670	EQUIPMENT FAILURE
4/4/2020 21:15	4/5/2020 0:44	Subtransmission	Distribution	TIE 1268	674	42101	EQUIPMENT FAILURE
4/5/2020 21:20	4/5/2020 23:21	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
4/13/2020 19:37	4/14/2020 3:01	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
4/13/2020 19:50	4/14/2020 7:39	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
4/13/2020 19:38	4/13/2020 22:54	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
4/17/2020 20:13	4/18/2020 12:56	Subtransmission	None	TRK 8403			EQUIPMENT FAILURE
4/18/2020 13:49	4/18/2020 16:55	Subtransmission	None	TRK 8403			EQUIPMENT FAILURE
4/27/2020 19:22	4/27/2020 21:01	Subtransmission	Distribution	TRK 720	501	47185	EQUIPMENT FAILURE
4/27/2020 19:22	4/27/2020 21:30	Subtransmission	Substation	TRK 721	673	78753	EQUIPMENT FAILURE
4/27/2020 20:45	4/27/2020 21:23	Subtransmission	Distribution	TRK 721	1	117	EQUIPMENT FAILURE
4/27/2020 21:39	4/27/2020 23:20	Subtransmission	None	TRK 721			EQUIPMENT FAILURE
5/15/2020 8:50	5/16/2020 0:35	Subtransmission	None	TRK 5817			EQUIPMENT FAILURE
5/15/2020 6:54	5/15/2020 14:03	Subtransmission	None	TRK 5817			EQUIPMENT FAILURE
5/16/2020 5:38	5/16/2020 19:17	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
5/16/2020 15:45	5/17/2020 15:00	Subtransmission	None	TRK 5817			EQUIPMENT FAILURE
5/26/2020 18:40	5/27/2020 3:24	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
5/26/2020 18:29	5/27/2020 4:45	Subtransmission	Distribution	TIE 6602	1972	553482	EQUIPMENT FAILURE
5/27/2020 18:09	5/27/2020 20:00	Subtransmission	Distribution	TIE 1467	160	17489	EQUIPMENT FAILURE
5/27/2020 5:25	5/27/2020 8:30	Subtransmission	Distribution	TIE 6602			EQUIPMENT FAILURE
5/27/2020 14:18	5/30/2020 19:22	Subtransmission	None	TRK 2455			EQUIPMENT FAILURE
5/28/2020 20:12	5/28/2020 22:10	Subtransmission	None	TRK 4405			EQUIPMENT FAILURE
5/29/2020 21:38	5/30/2020 20:46	Subtransmission	None	TIE 329			EQUIPMENT FAILURE

5/29/2020 5:18	6/1/2020 14:55	Subtransmission	None	TRK 372			EQUIPMENT FAILURE
5/29/2020 5:53	6/1/2020 14:56	Subtransmission	None	TRK 372			EQUIPMENT FAILURE
5/30/2020 7:44	5/30/2020 18:19	Subtransmission	None	TRK 3534			EQUIPMENT FAILURE
6/2/2020 18:44	6/2/2020 22:25	Subtransmission	None	TRK 372			EQUIPMENT FAILURE
6/2/2020 12:03	6/2/2020 19:58	Subtransmission	None	TRK 372			EQUIPMENT FAILURE
6/3/2020 18:09	6/3/2020 20:08	Subtransmission	None	TIE 9111			EQUIPMENT FAILURE
6/4/2020 17:10	6/5/2020 15:43	Subtransmission	None	TRK 372			EQUIPMENT FAILURE
6/10/2020 21:43	6/11/2020 12:16	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
6/10/2020 16:12	6/11/2020 11:45	Subtransmission	Distribution	TIE 6147	1464	1426588	EQUIPMENT FAILURE
6/10/2020 16:49	6/11/2020 11:41	Subtransmission	Distribution	TIE 6147	2998	2817944	EQUIPMENT FAILURE
6/11/2020 14:23	6/12/2020 16:58	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
6/14/2020 18:08	6/14/2020 20:29	Subtransmission	Distribution	TIE 1568	1	175	EQUIPMENT FAILURE
6/14/2020 20:38	6/15/2020 4:58	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
6/16/2020 8:43	6/17/2020 5:47	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
6/21/2020 8:01	6/21/2020 15:08	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
6/21/2020 11:56	6/22/2020 12:05	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
6/21/2020 13:05	6/23/2020 1:04	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
6/22/2020 19:47	6/23/2020 0:52	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
6/23/2020 11:17	6/28/2020 20:29	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
6/30/2020 16:12	6/30/2020 18:55	Subtransmission	Subtransmission	TRK 2237		63098	EQUIPMENT FAILURE
6/30/2020 16:12	6/30/2020 18:25	Subtransmission	Subtransmission	TRK 2237	406	83168	EQUIPMENT FAILURE
6/30/2020 16:12	6/30/2020 18:55	Subtransmission	Subtransmission	TRK 2237	623	123792	EQUIPMENT FAILURE
6/30/2020 16:12	6/30/2020 20:42	Subtransmission	Subtransmission	TRK 2237	672	311714	EQUIPMENT FAILURE
7/9/2020 21:20	7/10/2020 3:34	Subtransmission	Distribution	TIE 3705	1268	156044	EQUIPMENT FAILURE
7/9/2020 21:20	7/10/2020 3:34	Subtransmission	Distribution	TIE 3705	415	486202	EQUIPMENT FAILURE
7/9/2020 21:38	7/10/2020 4:12	Subtransmission	None	TIE 3705	1286		EQUIPMENT FAILURE
7/10/2020 13:10	7/10/2020 22:25	Subtransmission	Subtransmission	TRK 3646	1450	807190	EQUIPMENT FAILURE
7/10/2020 15:23	7/11/2020 8:14	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
7/11/2020 10:33	7/11/2020 18:45	Subtransmission	None	TRK 2205			EQUIPMENT FAILURE
7/11/2020 12:18	7/12/2020 12:00	Subtransmission	Distribution	TRK 2205			EQUIPMENT FAILURE
7/17/2020 17:40	7/19/2020 16:21	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 13:11	7/19/2020 17:00	Subtransmission	Distribution	TIE 6138			EQUIPMENT FAILURE
7/19/2020 13:54	7/19/2020 18:25	Subtransmission	Distribution	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:50	7/19/2020 12:38	Subtransmission	Subtransmission	TIE 6138	2397	256417	EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 10:58	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 10:57	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 10:58	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:53	7/19/2020 10:59	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:52	7/19/2020 11:04	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:53	7/19/2020 11:00	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 11:06	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 12:59	7/19/2020 13:06	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:52	7/19/2020 10:58	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:53	7/19/2020 11:00	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 11:05	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:54	7/19/2020 11:00	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:51	7/19/2020 10:57	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:53	7/19/2020 11:00	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 8:47	7/19/2020 20:27	Subtransmission	Distribution	TIE 6138	8	550	EQUIPMENT FAILURE
7/19/2020 11:07	7/19/2020 14:40	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 11:05	7/19/2020 16:06	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
7/19/2020 10:50	7/19/2020 20:21	Subtransmission	Distribution	TIE 6138	3	191	EQUIPMENT FAILURE
7/19/2020 10:50	7/19/2020 20:37	Subtransmission	Distribution	TIE 6138	5	1389	EQUIPMENT FAILURE
7/19/2020 10:52	7/19/2020 20:33	Subtransmission	Distribution	TIE 6138	42	30855	EQUIPMENT FAILURE
7/19/2020 10:50	7/19/2020 20:39	Subtransmission	Distribution	TIE 6138	2026	401149	EQUIPMENT FAILURE
7/19/2020 10:53	7/19/2020 20:08	Subtransmission	Distribution	TIE 6138	543	182948	EQUIPMENT FAILURE
7/19/2020 10:50	7/19/2020 18:00	Subtransmission	Distribution	TIE 6138	396	77864	EQUIPMENT FAILURE
7/19/2020 22:22	7/21/2020 15:47	Subtransmission	None	TRK 2010			EQUIPMENT FAILURE
7/19/2020 22:01	7/20/2020 13:34	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
7/19/2020 11:22	7/19/2020 19:54	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
7/20/2020 14:23	7/21/2020 15:11	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
7/21/2020 17:22	7/21/2020 19:30	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
8/2/2020 6:32	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	394	27597	EQUIPMENT FAILURE
8/3/2020 2:09	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	753	51979	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	29	1971	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	978	67259	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	218	14921	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	390	26737	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	222	15282	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	661	45225	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	654	44568	EQUIPMENT FAILURE
8/3/2020 7:49	8/3/2020 8:55	Subtransmission	Distribution	TRK 1602	678	47030	EQUIPMENT FAILURE
8/4/2020 8:06	8/4/2020 13:39	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
8/12/2020 22:51	8/13/2020 0:44	Subtransmission	None	TRK 648			EQUIPMENT FAILURE
8/12/2020 22:59	8/13/2020 0:46	Subtransmission	None	TRK 648			EQUIPMENT FAILURE
8/12/2020 22:58	8/13/2020 0:46	Subtransmission	None	TRK 648			EQUIPMENT FAILURE
8/12/2020 22:59	8/13/2020 0:46	Subtransmission	None	TRK 648			EQUIPMENT FAILURE
8/12/2020 22:59	8/13/2020 0:46	Subtransmission	None	TRK 648			EQUIPMENT FAILURE
8/12/2020 22:48	8/13/2020 0:14	Subtransmission	Distribution	TRK 648	1238	115247	EQUIPMENT FAILURE
8/15/2020 7:47	8/15/2020 23:53	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
8/16/2020 8:02	8/16/2020 10:05	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
8/16/2020 8:11	8/16/2020 10:05	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
8/16/2020 16:26	8/16/2020 17:43	Subtransmission	Distribution	TRK 2016	317	19269	EQUIPMENT FAILURE
8/19/2020 12:11	8/19/2020 13:45	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
8/21/2020 12:42	8/21/2020 14:39	Subtransmission	None	TRK 441			EQUIPMENT FAILURE
8/21/2020 12:48	8/21/2020 14:39	Subtransmission	None	TRK 441			EQUIPMENT FAILURE
8/21/2020 12:45	8/21/2020 14:39	Subtransmission	None	TRK 441			EQUIPMENT FAILURE
8/21/2020 12:44	8/21/2020 14:39	Subtransmission	None	TRK 441			EQUIPMENT FAILURE
8/21/2020 12:37	8/21/2020 14:20	Subtransmission	Subtransmission	TRK 441	1116	44364	EQUIPMENT FAILURE
8/22/2020 15:58	8/22/2020 19:00	Subtransmission	Distribution	TRK 474	11	1518	EQUIPMENT FAILURE
8/23/2020 17:19	8/23/2020 20:00	Subtransmission	Distribution	TIE 1318	3116	23425	EQUIPMENT FAILURE
8/23/2020 17:19	8/23/2020 18:00	Subtransmission	Distribution	TIE 1318	732	283160	EQUIPMENT FAILURE
8/23/2020 17:25	8/23/2020 21:45	Subtransmission	Distribution	TIE 1318	980	380094	EQUIPMENT FAILURE
8/23/2020 17:48	8/23/2020 23:00	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
8/24/2020 2:01	8/24/2020 5:15	Subtransmission	Distribution	TIE 1318			EQUIPMENT FAILURE
8/29/2020 8:48	8/30/2020 12:18	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
8/29/2020 16:20	8/30/2020 4:57	Subtransmission	None	TRK 346			EQUIPMENT FAILURE
8/30/2020 15:45	8/31/2020 11:01	Subtransmission	Distribution	TRK 346	1	137	EQUIPMENT FAILURE
8/30/2020 8:53	8/30/2020 17:26	Subtransmission	None	TRK 346			EQUIPMENT FAILURE
9/13/2020 9:41	9/13/2020 12:02	Subtransmission	Substation	TIE 1568	272	28681	EQUIPMENT FAILURE
9/13/2020 9:41	9/13/2020 13:00	Subtransmission	Distribution	TIE 1568	237	60194	EQUIPMENT FAILURE
9/23/2020 13:55	9/23/2020 15:09	Subtransmission	Distribution	TRK 8215	1877	141895	EQUIPMENT FAILURE
9/23/2020 14:19	9/23/2020 21:50	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
9/23/2020 13:55	9/23/2020 15:09	Subtransmission	Distribution	TRK 8215	844	63791	EQUIPMENT FAILURE
9/23/2020 13:55	9/23/2020 17:15	Subtransmission	Distribution	TRK 8215	1518	114085	EQUIPMENT FAILURE

9/23/2020 13:55	9/23/2020 15:09	Subtransmission	Distribution	TRK 8215	889	66820	EQUIPMENT FAILURE
9/24/2020 16:33	9/29/2020 19:59	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
9/24/2020 16:29	9/25/2020 23:31	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
9/24/2020 12:16	9/24/2020 13:35	Subtransmission	Subtransmission	TRK 2247	1	95	EQUIPMENT FAILURE
9/24/2020 12:05	9/24/2020 13:35	Subtransmission	Distribution	TRK 2247	7	666	EQUIPMENT FAILURE
9/24/2020 12:19	9/24/2020 13:35	Subtransmission	Subtransmission	TRK 2247	1	90	EQUIPMENT FAILURE
9/24/2020 12:05	9/24/2020 13:35	Subtransmission	Subtransmission	TRK 2247	764	69359	EQUIPMENT FAILURE
9/24/2020 12:05	9/24/2020 13:35	Subtransmission	Subtransmission	TRK 2247	908	86275	EQUIPMENT FAILURE
9/24/2020 13:52	10/14/2020 14:36	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
9/24/2020 12:09	9/24/2020 19:39	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
9/25/2020 1:03	9/25/2020 7:10	Subtransmission	None	TRK 1110			EQUIPMENT FAILURE
10/4/2020 9:51	10/4/2020 17:00	Subtransmission	Distribution	TIE 4109			EQUIPMENT FAILURE
10/7/2020 5:36	10/7/2020 10:15	Subtransmission	Distribution	TIE 5829	44	10596	EQUIPMENT FAILURE
10/7/2020 6:04	10/7/2020 20:43	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
10/7/2020 5:42	10/7/2020 12:35	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
10/7/2020 5:36	10/7/2020 15:05	Subtransmission	Distribution	TIE 5829	65	34793	EQUIPMENT FAILURE
10/7/2020 5:46	10/7/2020 15:34	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
10/7/2020 5:47	10/7/2020 17:49	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
10/7/2020 5:36	10/7/2020 9:02	Subtransmission	Distribution	TIE 5829	1081	204653	EQUIPMENT FAILURE
10/7/2020 6:46	10/7/2020 11:16	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
10/11/2020 16:48	10/12/2020 15:12	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
10/14/2020 6:06	10/14/2020 12:30	Subtransmission	Distribution	TIE 6138	82	31666	EQUIPMENT FAILURE
10/14/2020 4:28	10/14/2020 6:37	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
10/14/2020 6:57	10/14/2020 11:13	Subtransmission	Subtransmission	TIE 6138	294	121185	EQUIPMENT FAILURE
10/14/2020 4:21	10/14/2020 11:13	Subtransmission	Distribution	TIE 6138	1360	484816	EQUIPMENT FAILURE
10/14/2020 4:21	10/14/2020 10:21	Subtransmission	Subtransmission	TIE 6138	666	219451	EQUIPMENT FAILURE
10/23/2020 14:25	10/24/2020 3:43	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
10/23/2020 14:07	10/23/2020 16:49	Subtransmission	Distribution	TIE 3410	331	41047	EQUIPMENT FAILURE
10/23/2020 14:07	10/23/2020 21:30	Subtransmission	Distribution	TIE 3410	241	101429	EQUIPMENT FAILURE
10/23/2020 14:27	10/25/2020 9:51	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
10/23/2020 14:09	10/23/2020 22:57	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
10/28/2020 15:24	11/20/2020 14:47	Subtransmission	None	TRK 2523			EQUIPMENT FAILURE
11/1/2020 12:39	11/1/2020 18:59	Subtransmission	Distribution	TRK 2035	512	134910	EQUIPMENT FAILURE
11/5/2020 8:06	11/5/2020 11:15	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
11/16/2020 8:57	11/21/2020 13:35	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
11/16/2020 14:57	11/18/2020 13:45	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
11/16/2020 8:20	11/17/2020 21:14	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
11/16/2020 17:28	11/17/2020 19:38	Subtransmission	None	TRK 6941			EQUIPMENT FAILURE
11/25/2020 6:27	11/25/2020 12:42	Subtransmission	Distribution	TRK 2826	414	92449	EQUIPMENT FAILURE
12/13/2020 21:38	12/14/2020 12:13	Subtransmission	None	TRK 1761			EQUIPMENT FAILURE
12/16/2020 16:29	12/16/2020 23:58	Subtransmission	None	TIE 3207			EQUIPMENT FAILURE
12/20/2020 5:20	12/20/2020 17:23	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:10	12/20/2020 17:23	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:16	12/20/2020 15:45	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:33	12/21/2020 14:28	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:09	12/20/2020 22:39	Subtransmission	Distribution	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:09	12/20/2020 12:20	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
12/20/2020 5:18	12/20/2020 17:20	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
1/4/2021 3:04	1/5/2021 4:00	Subtransmission	None	TRK 2470			EQUIPMENT FAILURE
1/14/2021 11:14	1/14/2021 15:26	Subtransmission	None	TRK 7745			EQUIPMENT FAILURE
1/23/2021 17:36	1/23/2021 19:28	Subtransmission	Distribution	TRK 6304	586	65761	EQUIPMENT FAILURE
1/23/2021 17:45	1/23/2021 22:51	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
1/23/2021 17:53	1/23/2021 22:49	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
1/26/2021 14:19	1/26/2021 20:47	Subtransmission	None	TRK 6125			EQUIPMENT FAILURE
2/3/2021 20:04	2/4/2021 1:42	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
2/3/2021 19:54	2/4/2021 1:03	Subtransmission	Distribution	TRK 6304	423	82624	EQUIPMENT FAILURE
2/3/2021 19:54	2/3/2021 22:15	Subtransmission	Distribution	TRK 6304	573	42736	EQUIPMENT FAILURE
2/20/2021 13:00	2/20/2021 19:31	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
2/20/2021 13:12	2/20/2021 19:55	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
2/21/2021 15:26	2/21/2021 19:45	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
2/27/2021 12:26	2/27/2021 13:19	Subtransmission	Distribution	TRK 1645	652	35307	EQUIPMENT FAILURE
2/27/2021 12:26	2/27/2021 13:19	Subtransmission	Distribution	TRK 1645	571	30957	EQUIPMENT FAILURE
2/27/2021 12:26	2/27/2021 13:19	Subtransmission	Distribution	TRK 1645	239	12945	EQUIPMENT FAILURE
2/27/2021 13:16	2/27/2021 13:42	Subtransmission	None	TRK 1646			EQUIPMENT FAILURE
2/27/2021 12:34	2/27/2021 13:42	Subtransmission	None	TRK 1646			EQUIPMENT FAILURE
2/27/2021 12:31	2/27/2021 15:50	Subtransmission	None	TRK 1646			EQUIPMENT FAILURE
2/28/2021 21:43	2/28/2021 23:45	Subtransmission	Subtransmission	TRK 2110	1134	122734	EQUIPMENT FAILURE
2/28/2021 21:43	2/28/2021 23:45	Subtransmission	Subtransmission	TRK 2110	787	85037	EQUIPMENT FAILURE
2/28/2021 21:54	3/1/2021 2:19	Subtransmission	None	TRK 2110			EQUIPMENT FAILURE
3/5/2021 13:24	3/5/2021 18:32	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
3/17/2021 20:07	3/18/2021 13:27	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
3/24/2021 23:50	3/25/2021 1:10	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
3/25/2021 3:39	3/25/2021 8:30	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
3/26/2021 11:37	3/26/2021 13:56	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
3/26/2021 10:20	3/26/2021 13:42	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
3/26/2021 4:50	3/26/2021 12:53	Subtransmission	Distribution	TRK 2087	3	1336	EQUIPMENT FAILURE
3/26/2021 4:50	3/26/2021 12:53	Subtransmission	Distribution	TRK 2087	8	3566	EQUIPMENT FAILURE
3/26/2021 6:56	3/26/2021 13:10	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
3/26/2021 4:50	3/26/2021 12:53	Subtransmission	Distribution	TRK 2087	7	3122	EQUIPMENT FAILURE
3/26/2021 4:50	3/26/2021 12:53	Subtransmission	Distribution	TRK 2087	60	26778	EQUIPMENT FAILURE
3/26/2021 9:11	3/26/2021 19:47	Subtransmission	None	TRK 2629			EQUIPMENT FAILURE
3/28/2021 6:41	3/29/2021 5:36	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
3/31/2021 15:00	4/1/2021 4:02	Subtransmission	None	TRK 2629			EQUIPMENT FAILURE
4/1/2021 9:22	4/1/2021 12:18	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/7/2021 17:09	4/8/2021 15:48	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/7/2021 17:08	4/7/2021 20:33	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/7/2021 16:58	4/7/2021 17:30	Subtransmission	Distribution	TRK 1276			EQUIPMENT FAILURE
4/7/2021 21:01	4/8/2021 4:27	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/8/2021 15:16	4/8/2021 15:50	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/8/2021 6:23	4/8/2021 8:00	Subtransmission	Distribution	TRK 746	262	25375	EQUIPMENT FAILURE
4/8/2021 6:23	4/8/2021 8:00	Subtransmission	Distribution	TRK 746	557	53850	EQUIPMENT FAILURE
4/8/2021 6:23	4/8/2021 8:00	Subtransmission	Distribution	TRK 746	223	21535	EQUIPMENT FAILURE
4/8/2021 6:23	4/8/2021 8:00	Subtransmission	Distribution	TRK 746	284	27454	EQUIPMENT FAILURE
4/10/2021 11:48	4/10/2021 20:46	Subtransmission	None	TIE 7520			EQUIPMENT FAILURE
4/11/2021 14:32	4/11/2021 17:23	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
4/15/2021 13:19	4/15/2021 21:12	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
4/15/2021 19:05	4/16/2021 0:49	Subtransmission	None	TRK 2907			EQUIPMENT FAILURE
4/15/2021 6:48	4/15/2021 17:19	Subtransmission	None	TRK 746			EQUIPMENT FAILURE
4/15/2021 6:46	4/15/2021 16:25	Subtransmission	None	TRK 746			EQUIPMENT FAILURE
5/1/2021 14:42	5/1/2021 19:17	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
5/1/2021 16:35	5/2/2021 20:17	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
5/2/2021 15:06	5/3/2021 5:28	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
5/3/2021 7:22	5/3/2021 11:38	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
5/10/2021 9:22	5/10/2021 15:04	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE
5/19/2021 15:29	5/27/2021 11:10	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE

6/7/2021 19:26	6/8/2021 4:21	Subtransmission	None	TRK 1761			EQUIPMENT FAILURE
6/8/2021 17:24	6/8/2021 20:35	Subtransmission	Distribution	TRK 2054	1298	172433	EQUIPMENT FAILURE
6/8/2021 22:39	6/9/2021 14:00	Subtransmission	Distribution	TRK 2054	1	22	EQUIPMENT FAILURE
6/8/2021 17:53	6/8/2021 23:57	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
6/8/2021 22:54	6/9/2021 13:00	Subtransmission	Distribution	TRK 2054			EQUIPMENT FAILURE
6/8/2021 23:16	6/9/2021 12:00	Subtransmission	Distribution	TRK 2054			EQUIPMENT FAILURE
6/8/2021 17:56	6/8/2021 22:59	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
6/8/2021 17:34	6/9/2021 5:06	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
6/8/2021 17:24	6/8/2021 18:33	Subtransmission	Distribution	TRK 2054	920	54380	EQUIPMENT FAILURE
6/13/2021 13:21	6/13/2021 16:07	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
6/13/2021 15:32	6/13/2021 23:52	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
6/15/2021 7:31	6/17/2021 5:02	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
6/16/2021 20:12	6/17/2021 1:16	Subtransmission	None	TRK 7122			EQUIPMENT FAILURE
6/17/2021 1:46	6/17/2021 14:43	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
6/17/2021 1:53	6/17/2021 9:55	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
6/18/2021 22:38	6/19/2021 1:44	Subtransmission	None	TRK 3518			EQUIPMENT FAILURE
6/19/2021 12:43	6/19/2021 15:17	Subtransmission	None	TRK 3518			EQUIPMENT FAILURE
6/21/2021 7:32	6/21/2021 20:50	Subtransmission	None	TRK 1518			EQUIPMENT FAILURE
6/28/2021 15:51	6/29/2021 11:42	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
6/28/2021 17:57	6/29/2021 2:00	Subtransmission	Distribution	TIE 6931	2829	1073832	EQUIPMENT FAILURE
6/28/2021 16:53	6/29/2021 1:04	Subtransmission	Distribution	TIE 6931	1733	559960	EQUIPMENT FAILURE
6/28/2021 18:25	6/28/2021 21:35	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
6/28/2021 17:57	6/29/2021 2:00	Subtransmission	Distribution	TIE 6931	2742	1018093	EQUIPMENT FAILURE
6/28/2021 17:57	6/29/2021 0:37	Subtransmission	Distribution	TIE 6931	2448	851160	EQUIPMENT FAILURE
6/28/2021 18:04	6/28/2021 20:24	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
6/29/2021 7:37	6/29/2021 11:02	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
6/29/2021 14:46	6/30/2021 9:00	Subtransmission	Subtransmission	TRK 4301	1909	162557	EQUIPMENT FAILURE
6/29/2021 19:00	6/30/2021 9:00	Subtransmission	Subtransmission	TRK 4301	881	72637	EQUIPMENT FAILURE
6/29/2021 15:30	6/30/2021 9:00	Subtransmission	Subtransmission	TRK 4301	3	3999	EQUIPMENT FAILURE
6/30/2021 6:33	6/30/2021 9:00	Subtransmission	Subtransmission	TRK 4301	2	120	EQUIPMENT FAILURE
6/30/2021 6:33	6/30/2021 9:00	Subtransmission	Subtransmission	TRK 4301	512	42181	EQUIPMENT FAILURE
7/5/2021 18:26	7/5/2021 18:34	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
7/5/2021 19:05	7/5/2021 21:00	Subtransmission	Subtransmission	TIE 3220	1685	182841	EQUIPMENT FAILURE
7/5/2021 15:10	7/5/2021 21:00	Subtransmission	Subtransmission	TIE 3220	536	58213	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 19:40	Subtransmission	Distribution	TIE 6907	375	73849	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 21:45	Subtransmission	Distribution	TIE 6907	1967	635536	EQUIPMENT FAILURE
7/5/2021 16:18	7/5/2021 21:45	Subtransmission	Distribution	TIE 6907	246	79486	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 21:09	Subtransmission	Distribution	TIE 6907	1206	347194	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 20:45	Subtransmission	Distribution	TIE 6907	874	251334	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 21:16	Subtransmission	Distribution	TIE 6907	71	22007	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 21:34	Subtransmission	Distribution	TIE 6907	759	254886	EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 16:20	Subtransmission	Distribution	TIE 6907			EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 20:45	Subtransmission	Distribution	TIE 6907			EQUIPMENT FAILURE
7/5/2021 17:28	7/5/2021 20:54	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
7/5/2021 17:25	7/5/2021 20:22	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
7/5/2021 15:53	7/5/2021 21:34	Subtransmission	Distribution	TIE 6907	756	253916	EQUIPMENT FAILURE
7/5/2021 16:20	7/6/2021 5:36	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
7/6/2021 16:42	7/8/2021 14:11	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
7/6/2021 20:32	7/7/2021 20:14	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
7/6/2021 19:02	7/7/2021 0:30	Subtransmission	Distribution	TRK 853	838	257399	EQUIPMENT FAILURE
7/6/2021 19:00	7/6/2021 23:48	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
7/7/2021 15:49	7/8/2021 6:23	Subtransmission	None	TRK 7150			EQUIPMENT FAILURE
7/7/2021 15:05	7/9/2021 18:00	Subtransmission	Distribution	TRK 7150	388	1081919	EQUIPMENT FAILURE
7/10/2021 22:27	7/11/2021 14:36	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
7/11/2021 6:21	7/11/2021 13:17	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
7/11/2021 13:08	7/11/2021 16:18	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
7/13/2021 16:57	7/13/2021 20:30	Subtransmission	Distribution	TIE 1467	271	46784	EQUIPMENT FAILURE
7/13/2021 16:57	7/13/2021 20:30	Subtransmission	Distribution	TIE 1467	433	74823	EQUIPMENT FAILURE
7/13/2021 17:00	7/13/2021 20:30	Subtransmission	Distribution	TIE 1467	1	173	EQUIPMENT FAILURE
7/13/2021 18:23	7/14/2021 21:51	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
7/14/2021 10:41	7/15/2021 13:22	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
7/15/2021 12:04	7/16/2021 9:24	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
7/15/2021 12:08	7/15/2021 20:06	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
7/15/2021 12:03	7/15/2021 14:02	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
7/16/2021 17:30	7/16/2021 21:44	Subtransmission	Distribution	TRK 2611	593	75331	EQUIPMENT FAILURE
7/17/2021 17:18	7/18/2021 21:42	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
7/17/2021 7:51	7/17/2021 10:00	Subtransmission	Distribution	TRK 2611	513	29885	EQUIPMENT FAILURE
7/17/2021 7:51	7/17/2021 10:30	Subtransmission	Distribution	TRK 2611	952	55486	EQUIPMENT FAILURE
7/17/2021 7:52	7/17/2021 10:00	Subtransmission	Distribution	TRK 2611	402	23426	EQUIPMENT FAILURE
7/17/2021 8:08	7/18/2021 6:52	Subtransmission	None	TRK 2611			EQUIPMENT FAILURE
7/20/2021 17:24	7/20/2021 23:00	Subtransmission	Distribution	TIE 3241	1827	240520	EQUIPMENT FAILURE
7/20/2021 17:14	7/21/2021 1:00	Subtransmission	Distribution	TIE 3241	311	70853	EQUIPMENT FAILURE
7/20/2021 17:40	7/20/2021 19:48	Subtransmission	Distribution	TIE 3241	498	65176	EQUIPMENT FAILURE
7/20/2021 17:39	7/21/2021 1:00	Subtransmission	Distribution	TIE 3241	420	94434	EQUIPMENT FAILURE
7/20/2021 17:43	7/20/2021 19:48	Subtransmission	Distribution	TIE 3241	268	35068	EQUIPMENT FAILURE
7/20/2021 17:38	7/20/2021 23:00	Subtransmission	Subtransmission	TIE 3241	528	118218	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 9:05	Subtransmission	Distribution	TRK 2038	538	33325	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 9:51	Subtransmission	Distribution	TRK 2038			EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 9:05	Subtransmission	Distribution	TRK 2038	1211	75063	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 9:05	Subtransmission	Distribution	TRK 2038	565	35043	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 9:05	Subtransmission	Distribution	TRK 2038	700	43360	EQUIPMENT FAILURE
7/20/2021 10:38	7/20/2021 14:08	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 8:52	Subtransmission	Distribution	TRK 2038	621	30560	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 8:52	Subtransmission	Distribution	TRK 2038	986	48504	EQUIPMENT FAILURE
7/20/2021 8:03	7/20/2021 8:52	Subtransmission	Distribution	TRK 2038	158	7774	EQUIPMENT FAILURE
7/20/2021 8:04	7/20/2021 8:37	Subtransmission	Distribution	TRK 2038	1480	51123	EQUIPMENT FAILURE
7/25/2021 5:58	7/25/2021 15:44	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
7/25/2021 20:20	7/26/2021 5:31	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
7/25/2021 10:49	7/25/2021 18:46	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
7/26/2021 0:13	7/26/2021 14:13	Subtransmission	Distribution	TRK 6722			EQUIPMENT FAILURE
7/26/2021 0:13	7/26/2021 20:54	Subtransmission	Distribution	TRK 6722	1	11	EQUIPMENT FAILURE
7/26/2021 16:54	7/27/2021 16:01	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
8/5/2021 16:48	8/8/2021 20:17	Subtransmission	None	TRK 2628			EQUIPMENT FAILURE
8/5/2021 16:42	8/7/2021 21:16	Subtransmission	None	TRK 2628			EQUIPMENT FAILURE
8/5/2021 16:16	8/6/2021 14:05	Subtransmission	None	TRK 2628			EQUIPMENT FAILURE
8/5/2021 16:38	8/5/2021 21:00	Subtransmission	None	TRK 2628			EQUIPMENT FAILURE
8/9/2021 14:56	8/9/2021 17:27	Subtransmission	Distribution	TRK 2528	585	53653	EQUIPMENT FAILURE
8/9/2021 14:56	8/9/2021 17:26	Subtransmission	Distribution	TRK 2528	1249	118395	EQUIPMENT FAILURE
8/9/2021 15:07	8/31/2021 22:54	Subtransmission	None	TRK 2528			EQUIPMENT FAILURE
8/9/2021 19:18	8/10/2021 17:00	Subtransmission	None	TRK 2528			EQUIPMENT FAILURE
8/11/2021 23:33	8/12/2021 3:57	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/11/2021 23:44	8/12/2021 3:57	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/11/2021 15:33	8/13/2021 20:30	Subtransmission	Distribution	TRK 2931	958	3014202	EQUIPMENT FAILURE
8/11/2021 15:39	8/13/2021 12:00	Subtransmission	Distribution	TRK 2931	79	271492	EQUIPMENT FAILURE
8/11/2021 15:34	8/13/2021 17:15	Subtransmission	Distribution	TRK 2931	1091	2480890	EQUIPMENT FAILURE

8/11/2021 15:34	8/13/2021 18:20	Subtransmission	Distribution	TRK 2931	849	1951103	EQUIPMENT FAILURE
8/11/2021 16:01	8/11/2021 19:36	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
8/11/2021 15:28	8/12/2021 12:50	Subtransmission	Distribution	TRK 4419	1480	498034	EQUIPMENT FAILURE
8/12/2021 0:11	8/12/2021 19:00	Subtransmission	Distribution	TIE 3800	761	814033	EQUIPMENT FAILURE
8/12/2021 15:39	8/12/2021 20:05	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/12/2021 0:29	8/12/2021 19:16	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/12/2021 14:17	8/14/2021 20:00	Subtransmission	None	TIE 7430			EQUIPMENT FAILURE
8/12/2021 3:02	8/12/2021 21:12	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
8/12/2021 4:00	8/18/2021 7:51	Subtransmission	None	TRK 1409			EQUIPMENT FAILURE
8/12/2021 3:15	8/12/2021 20:08	Subtransmission	None	TRK 4338			EQUIPMENT FAILURE
8/12/2021 10:27	8/14/2021 14:17	Subtransmission	None	TRK 4338			EQUIPMENT FAILURE
8/13/2021 9:33	8/13/2021 15:16	Subtransmission	None	TIE 2819			EQUIPMENT FAILURE
8/28/2021 20:34	8/29/2021 15:25	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
8/28/2021 11:30	8/29/2021 1:17	Subtransmission	None	TRK 5923			EQUIPMENT FAILURE
8/28/2021 12:43	8/30/2021 15:35	Subtransmission	None	TRK 5923			EQUIPMENT FAILURE
8/28/2021 6:35	8/28/2021 10:30	Subtransmission	Substation	TRK 5923	612	125934	EQUIPMENT FAILURE
8/29/2021 11:12	8/29/2021 15:18	Subtransmission	None	TRK 5923			EQUIPMENT FAILURE
8/29/2021 14:43	8/29/2021 18:45	Subtransmission	None	TRK 5923			EQUIPMENT FAILURE
8/29/2021 14:48	8/30/2021 15:34	Subtransmission	None	TRK 5923			EQUIPMENT FAILURE
8/31/2021 12:59	8/31/2021 18:12	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
9/1/2021 15:23	9/2/2021 14:37	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
9/2/2021 10:39	9/3/2021 5:22	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
9/2/2021 4:39	9/2/2021 6:32	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
9/2/2021 4:07	9/2/2021 8:30	Subtransmission	Distribution	TRK 2038	617	94405	EQUIPMENT FAILURE
9/2/2021 4:07	9/2/2021 8:24	Subtransmission	Distribution	TRK 2038	985	150632	EQUIPMENT FAILURE
9/2/2021 4:07	9/2/2021 19:30	Subtransmission	Distribution	TRK 2038	11	7249	EQUIPMENT FAILURE
9/2/2021 4:07	9/2/2021 8:25	Subtransmission	Distribution	TRK 2038	158	24172	EQUIPMENT FAILURE
9/2/2021 4:07	9/2/2021 8:19	Subtransmission	Distribution	TRK 2038	6	1151	EQUIPMENT FAILURE
9/2/2021 4:19	9/2/2021 12:22	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
9/2/2021 9:56	9/2/2021 10:10	Subtransmission	Distribution	TRK 2840	12	155	EQUIPMENT FAILURE
9/2/2021 9:25	9/2/2021 9:40	Subtransmission	Distribution	TRK 2840	14	158	EQUIPMENT FAILURE
9/4/2021 7:49	9/4/2021 9:42	Subtransmission	Distribution	TRK 7104	366	41114	EQUIPMENT FAILURE
9/4/2021 7:49	9/4/2021 9:42	Subtransmission	Distribution	TRK 7104	679	76271	EQUIPMENT FAILURE
9/4/2021 7:49	9/4/2021 9:42	Subtransmission	Distribution	TRK 7104	417	46883	EQUIPMENT FAILURE
9/4/2021 7:49	9/4/2021 9:12	Subtransmission	Distribution	TRK 7104	82	9207	EQUIPMENT FAILURE
9/4/2021 8:02	9/4/2021 10:00	Subtransmission	None	TRK 7104			EQUIPMENT FAILURE
9/6/2021 7:46	9/6/2021 20:43	Subtransmission	None	TRK 7104			EQUIPMENT FAILURE
9/7/2021 15:49	9/7/2021 20:46	Subtransmission	None	TRK 7520			EQUIPMENT FAILURE
9/9/2021 16:42	9/10/2021 4:55	Subtransmission	None	TRK 652			EQUIPMENT FAILURE
9/12/2021 22:27	9/13/2021 21:14	Subtransmission	Distribution	TRK 829	923	235163	EQUIPMENT FAILURE
9/13/2021 13:49	9/13/2021 18:56	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
9/13/2021 13:24	9/13/2021 18:30	Subtransmission	Distribution	TRK 6304	2491	313626	EQUIPMENT FAILURE
9/13/2021 13:26	9/13/2021 20:15	Subtransmission	Distribution	TRK 6304	336	85825	EQUIPMENT FAILURE
9/13/2021 13:26	9/13/2021 19:50	Subtransmission	Distribution	TRK 6304	593	230582	EQUIPMENT FAILURE
9/13/2021 13:40	9/13/2021 16:28	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
9/13/2021 13:31	9/13/2021 21:14	Subtransmission	Distribution	TRK 829	8	1988	EQUIPMENT FAILURE
9/18/2021 21:54	9/26/2021 13:08	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
9/18/2021 9:39	9/18/2021 18:30	Subtransmission	Distribution	TRK 2002	586	306820	EQUIPMENT FAILURE
9/23/2021 14:29	9/25/2021 13:00	Subtransmission	Distribution	TRK 2247	951	168730	EQUIPMENT FAILURE
9/24/2021 11:06	9/25/2021 16:00	Subtransmission	Distribution	TRK 2247	662	117169	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:39	Subtransmission	Distribution	TRK 2218	803	142092	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:29	Subtransmission	Distribution	TRK 2218	943	166409	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:27	Subtransmission	Distribution	TRK 2218	822	145373	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:39	Subtransmission	Distribution	TRK 2218	1179	208147	EQUIPMENT FAILURE
9/25/2021 12:45	9/25/2021 18:30	Subtransmission	Distribution	TRK 2218	1304	230656	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:21	Subtransmission	Distribution	TRK 2218	1007	178063	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 16:20	Subtransmission	Distribution	TRK 2247	899	158694	EQUIPMENT FAILURE
9/25/2021 12:48	9/25/2021 18:30	Subtransmission	Distribution	TRK 2247	947	167160	EQUIPMENT FAILURE
9/25/2021 10:57	9/26/2021 15:16	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
9/25/2021 14:31	9/26/2021 0:00	Subtransmission	Distribution	TRK 636	357	201370	EQUIPMENT FAILURE
9/25/2021 14:31	9/26/2021 0:00	Subtransmission	Distribution	TRK 636	39	21789	EQUIPMENT FAILURE
9/26/2021 8:21	9/26/2021 12:53	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
10/3/2021 22:22	10/4/2021 0:44	Subtransmission	Subtransmission	TRK 8215	812	51231	EQUIPMENT FAILURE
10/3/2021 22:22	10/4/2021 0:42	Subtransmission	Subtransmission	TRK 8215	816	51267	EQUIPMENT FAILURE
10/3/2021 22:37	10/4/2021 14:48	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
10/8/2021 7:38	10/9/2021 9:50	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
10/11/2021 9:33	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	14	5185	EQUIPMENT FAILURE
10/11/2021 9:22	10/11/2021 16:01	Subtransmission	Distribution	TRK 1525	2	755	EQUIPMENT FAILURE
10/11/2021 9:30	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	412	152831	EQUIPMENT FAILURE
10/11/2021 9:39	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	12	4443	EQUIPMENT FAILURE
10/11/2021 9:33	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	28	10406	EQUIPMENT FAILURE
10/11/2021 9:29	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	591	219246	EQUIPMENT FAILURE
10/11/2021 9:15	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	804	303195	EQUIPMENT FAILURE
10/11/2021 9:31	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	42	15571	EQUIPMENT FAILURE
10/11/2021 9:20	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525	418	152715	EQUIPMENT FAILURE
10/11/2021 9:34	10/11/2021 16:00	Subtransmission	Distribution	TRK 1525			EQUIPMENT FAILURE
10/13/2021 8:20	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	498	24732	EQUIPMENT FAILURE
10/13/2021 8:20	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	506	24999	EQUIPMENT FAILURE
10/13/2021 8:20	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	539	26782	EQUIPMENT FAILURE
10/13/2021 8:20	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	269	13264	EQUIPMENT FAILURE
10/13/2021 8:21	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	434	21297	EQUIPMENT FAILURE
10/13/2021 8:20	10/13/2021 9:08	Subtransmission	Distribution	TRK 447	496	24652	EQUIPMENT FAILURE
10/14/2021 17:53	10/14/2021 19:29	Subtransmission	Distribution	TIE 3705			EQUIPMENT FAILURE
10/14/2021 17:50	10/14/2021 21:44	Subtransmission	Distribution	TIE 3705			EQUIPMENT FAILURE
10/14/2021 17:56	10/15/2021 4:48	Subtransmission	None	TIE 3705			EQUIPMENT FAILURE
10/21/2021 11:57	10/21/2021 16:30	Subtransmission	Subtransmission	TRK 5938	956	265027	EQUIPMENT FAILURE
10/21/2021 11:57	10/21/2021 13:05	Subtransmission	Subtransmission	TRK 5938	502	35487	EQUIPMENT FAILURE
10/21/2021 11:57	10/21/2021 13:07	Subtransmission	Subtransmission	TRK 5938	177	12483	EQUIPMENT FAILURE
10/21/2021 11:57	10/21/2021 13:05	Subtransmission	Subtransmission	TRK 5938	328	25608	EQUIPMENT FAILURE
10/21/2021 11:57	10/21/2021 13:05	Subtransmission	Subtransmission	TRK 5938	1051	74273	EQUIPMENT FAILURE
11/3/2021 17:46	11/4/2021 13:35	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
11/11/2021 13:58	11/11/2021 14:11	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/11/2021 14:07	11/11/2021 21:14	Subtransmission	Distribution	TIE 226	9	3444	EQUIPMENT FAILURE
11/11/2021 13:50	11/11/2021 15:54	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/11/2021 14:01	12/6/2021 12:53	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/11/2021 13:40	11/11/2021 15:31	Subtransmission	Distribution	TIE 226			EQUIPMENT FAILURE
11/11/2021 14:39	11/11/2021 22:12	Subtransmission	Distribution	TIE 6621			EQUIPMENT FAILURE
11/11/2021 14:33	11/12/2021 0:13	Subtransmission	Distribution	TIE 6621	601	221654	EQUIPMENT FAILURE
11/11/2021 14:33	11/12/2021 0:09	Subtransmission	Distribution	TIE 6621	582	241445	EQUIPMENT FAILURE
11/11/2021 14:33	11/12/2021 0:15	Subtransmission	Distribution	TIE 6621	199	65975	EQUIPMENT FAILURE
11/12/2021 15:03	11/12/2021 15:36	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/12/2021 7:13	11/12/2021 16:22	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/23/2021 4:24	11/23/2021 10:30	Subtransmission	Distribution	TRK 2466	182	57073	EQUIPMENT FAILURE
11/23/2021 4:23	11/23/2021 9:54	Subtransmission	Subtransmission	TRK 2466	170	57037	EQUIPMENT FAILURE
11/23/2021 4:23	11/23/2021 10:15	Subtransmission	Distribution	TRK 2466	214	50837	EQUIPMENT FAILURE

11/23/2021 4:23	11/23/2021 10:15	Subtransmission	Distribution	TRK 2466	262	89447	EQUIPMENT FAILURE
11/26/2021 12:00	11/26/2021 15:40	Subtransmission	None	TRK 2466			EQUIPMENT FAILURE
11/27/2021 1:08	11/27/2021 8:36	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
11/27/2021 10:04	11/27/2021 16:20	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
11/28/2021 16:29	12/11/2021 10:53	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
12/4/2021 5:28	12/4/2021 8:30	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
12/4/2021 22:03	12/5/2021 5:32	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
12/11/2021 20:44	12/12/2021 7:34	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
12/11/2021 11:24	12/12/2021 18:03	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
12/11/2021 10:59	12/12/2021 12:04	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
12/11/2021 10:38	12/12/2021 16:39	Subtransmission	Distribution	TRK 1403	1	1934	EQUIPMENT FAILURE
12/11/2021 10:34	12/12/2021 16:39	Subtransmission	Distribution	TRK 1403	1	1934	EQUIPMENT FAILURE
12/11/2021 11:21	12/13/2021 12:01	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
12/12/2021 8:55	12/12/2021 14:30	Subtransmission	None	TIE 3705			EQUIPMENT FAILURE
12/12/2021 8:08	12/12/2021 14:29	Subtransmission	None	TIE 3705			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 8:30	Subtransmission	Distribution	TRK 4338	1091	77532	EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 8:30	Subtransmission	Distribution	TRK 4338	859	61169	EQUIPMENT FAILURE
1/29/2022 8:36	1/29/2022 16:07	Subtransmission	None	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 8:30	Subtransmission	Distribution	TRK 4338	7	498	EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 8:30	Subtransmission	Distribution	TRK 4338	530	37668	EQUIPMENT FAILURE
1/29/2022 7:30	1/29/2022 10:37	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 10:36	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 10:39	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:57	1/29/2022 10:42	Subtransmission	Distribution	TRK 4338	1	71	EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 10:41	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 10:40	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:20	1/29/2022 10:40	Subtransmission	Distribution	TRK 4338			EQUIPMENT FAILURE
1/29/2022 7:49	1/29/2022 8:30	Subtransmission	Distribution	TRK 4338	1	71	EQUIPMENT FAILURE
1/30/2022 3:30	1/30/2022 10:43	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
1/30/2022 9:20	1/30/2022 18:54	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
1/30/2022 3:41	1/30/2022 12:04	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
1/31/2022 7:26	2/1/2022 16:32	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
2/15/2022 10:23	2/15/2022 21:08	Subtransmission	Distribution	TIE 9111	1	12	EQUIPMENT FAILURE
2/20/2022 12:12	2/20/2022 19:54	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
3/2/2022 16:23	3/2/2022 18:20	Subtransmission	None	TRK 1719			EQUIPMENT FAILURE
3/2/2022 16:39	3/2/2022 17:18	Subtransmission	None	TRK 1719			EQUIPMENT FAILURE
3/13/2022 10:02	3/13/2022 17:47	Subtransmission	None	TRK 8407			EQUIPMENT FAILURE
3/19/2022 14:46	3/19/2022 21:00	Subtransmission	Distribution	TIE 1473	108	25441	EQUIPMENT FAILURE
3/20/2022 5:11	3/21/2022 8:31	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
3/30/2022 9:37	4/3/2022 14:56	Subtransmission	None	TRK 2255			EQUIPMENT FAILURE
3/31/2022 10:01	3/31/2022 14:28	Subtransmission	Distribution	TIE 3241	329	84293	EQUIPMENT FAILURE
3/31/2022 9:12	3/31/2022 14:27	Subtransmission	Distribution	TIE 3241	533	136597	EQUIPMENT FAILURE
3/31/2022 8:37	3/31/2022 14:28	Subtransmission	Distribution	TIE 3241	433	198021	EQUIPMENT FAILURE
3/31/2022 9:12	3/31/2022 15:43	Subtransmission	Distribution	TIE 3241	281	93076	EQUIPMENT FAILURE
3/31/2022 9:12	3/31/2022 15:42	Subtransmission	Distribution	TIE 3241	1973	654183	EQUIPMENT FAILURE
3/31/2022 10:02	3/31/2022 15:42	Subtransmission	Distribution	TIE 3241	493	163328	EQUIPMENT FAILURE
3/31/2022 13:09	4/1/2022 15:30	Subtransmission	None	TIE 3241			EQUIPMENT FAILURE
3/31/2022 9:32	4/1/2022 15:38	Subtransmission	None	TIE 3241			EQUIPMENT FAILURE
3/31/2022 5:56	3/31/2022 19:10	Subtransmission	Distribution	TRK 5411	575	367001	EQUIPMENT FAILURE
4/5/2022 17:16	4/5/2022 18:59	Subtransmission	Distribution	TRK 824	608	51814	EQUIPMENT FAILURE
4/11/2022 11:29	4/11/2022 19:20	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
4/12/2022 15:30	4/13/2022 0:12	Subtransmission	None	TRK 7151			EQUIPMENT FAILURE
4/14/2022 19:16	4/15/2022 16:20	Subtransmission	None	TRK 2443			EQUIPMENT FAILURE
4/23/2022 7:11	4/23/2022 16:52	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
4/24/2022 14:39	4/24/2022 15:52	Subtransmission	Distribution	TRK 2636	712	52397	EQUIPMENT FAILURE
4/24/2022 14:52	4/24/2022 21:10	Subtransmission	None	TRK 2636			EQUIPMENT FAILURE
4/28/2022 10:07	4/28/2022 21:14	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
5/7/2022 9:21	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	1141	110074	EQUIPMENT FAILURE
5/7/2022 9:22	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	623	59782	EQUIPMENT FAILURE
5/7/2022 9:21	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	514	49890	EQUIPMENT FAILURE
5/7/2022 9:22	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	596	55763	EQUIPMENT FAILURE
5/7/2022 9:22	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	711	67588	EQUIPMENT FAILURE
5/7/2022 9:22	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	1130	105837	EQUIPMENT FAILURE
5/7/2022 9:21	5/7/2022 10:58	Subtransmission	Distribution	TRK 2118	495	47539	EQUIPMENT FAILURE
5/11/2022 13:08	5/11/2022 19:44	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
5/11/2022 13:03	5/11/2022 19:44	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
5/11/2022 13:18	5/11/2022 19:44	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
5/11/2022 13:10	5/11/2022 19:44	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
5/11/2022 13:15	5/11/2022 19:49	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
5/15/2022 16:40	5/15/2022 19:42	Subtransmission	Substation	TRK 3508	850	140465	EQUIPMENT FAILURE
5/15/2022 16:40	5/15/2022 19:43	Subtransmission	Distribution	TRK 3508	763	126149	EQUIPMENT FAILURE
5/15/2022 16:40	5/15/2022 19:42	Subtransmission	Subtransmission	TRK 3508	1548	255405	EQUIPMENT FAILURE
5/15/2022 17:07	5/15/2022 23:40	Subtransmission	None	TRK 3508			EQUIPMENT FAILURE
5/17/2022 19:33	5/17/2022 20:35	Subtransmission	Distribution	TIE 6931	2747	169140	EQUIPMENT FAILURE
5/17/2022 19:34	5/17/2022 20:35	Subtransmission	Distribution	TIE 6931	1327	81612	EQUIPMENT FAILURE
5/17/2022 11:07	5/17/2022 20:35	Subtransmission	Distribution	TIE 6931	2205	135375	EQUIPMENT FAILURE
5/18/2022 21:07	5/18/2022 23:16	Subtransmission	Distribution	TIE 1423	806	105203	EQUIPMENT FAILURE
5/18/2022 21:07	5/19/2022 1:00	Subtransmission	Distribution	TIE 1423	2141	279522	EQUIPMENT FAILURE
5/18/2022 21:18	5/19/2022 5:49	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
5/20/2022 19:38	5/21/2022 14:35	Subtransmission	None	TRK 2918			EQUIPMENT FAILURE
5/20/2022 17:21	5/21/2022 2:00	Subtransmission	Distribution	TRK 2918	321	11745	EQUIPMENT FAILURE
5/21/2022 8:55	5/21/2022 20:23	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
5/21/2022 10:30	5/22/2022 16:20	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
5/21/2022 16:43	5/21/2022 19:08	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
5/27/2022 16:24	5/28/2022 6:30	Subtransmission	Distribution	TIE 3220	2043	255091	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	640	71517	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	386	43128	EQUIPMENT FAILURE
6/7/2022 14:42	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	1049	117325	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	208	23219	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	176	19666	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 17:20	Subtransmission	Subtransmission	TRK 662	396	61974	EQUIPMENT FAILURE
6/7/2022 14:43	6/7/2022 16:35	Subtransmission	Subtransmission	TRK 662	460	51411	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 22:08	Subtransmission	Subtransmission	TRK 2418	638	248282	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 21:56	Subtransmission	Subtransmission	TRK 2418	821	252791	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 22:14	Subtransmission	Distribution	TRK 2418	804	313299	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 20:25	Subtransmission	Substation	TRK 2418	546	106890	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 21:30	Subtransmission	Subtransmission	TRK 2418	936	328219	EQUIPMENT FAILURE
6/10/2022 15:18	6/10/2022 20:25	Subtransmission	Subtransmission	TRK 2418	956	294577	EQUIPMENT FAILURE
6/16/2022 12:06	6/17/2022 2:05	Subtransmission	None	TRK 722			EQUIPMENT FAILURE
6/16/2022 9:04	6/16/2022 20:41	Subtransmission	None	TIE 3318			EQUIPMENT FAILURE
6/16/2022 15:58	6/19/2022 15:12	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
6/20/2022 10:04	6/20/2022 13:45	Subtransmission	Distribution	TRK 5838	294	68455	EQUIPMENT FAILURE
6/20/2022 10:13	6/20/2022 15:41	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
6/22/2022 14:53	6/23/2022 10:57	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
6/24/2022 22:24	6/25/2022 4:20	Subtransmission	Distribution	TRK 2806			EQUIPMENT FAILURE

6/24/2022 18:51	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	6	1605	EQUIPMENT FAILURE
6/24/2022 18:57	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	4	1070	EQUIPMENT FAILURE
6/24/2022 18:54	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	5	1338	EQUIPMENT FAILURE
6/24/2022 18:50	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	27	7224	EQUIPMENT FAILURE
6/24/2022 18:51	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	37	9899	EQUIPMENT FAILURE
6/24/2022 18:51	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	3	803	EQUIPMENT FAILURE
6/24/2022 18:53	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	53	14181	EQUIPMENT FAILURE
6/24/2022 18:51	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	34	9097	EQUIPMENT FAILURE
6/24/2022 18:55	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	3	803	EQUIPMENT FAILURE
6/24/2022 18:55	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	3	803	EQUIPMENT FAILURE
6/24/2022 18:56	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	5	1338	EQUIPMENT FAILURE
6/24/2022 18:59	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	4	1070	EQUIPMENT FAILURE
6/24/2022 18:57	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806			EQUIPMENT FAILURE
6/24/2022 18:51	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	5	1338	EQUIPMENT FAILURE
6/24/2022 19:00	6/24/2022 22:30	Subtransmission	Distribution	TRK 2806	3	803	EQUIPMENT FAILURE
6/24/2022 22:42	6/25/2022 0:45	Subtransmission	Distribution	TRK 2806	664	36285	EQUIPMENT FAILURE
6/24/2022 18:50	6/25/2022 12:08	Subtransmission	Distribution	TRK 2806			EQUIPMENT FAILURE
6/24/2022 8:46	6/24/2022 20:41	Subtransmission	Distribution	TRK 2806	3222	359066	EQUIPMENT FAILURE
6/29/2022 14:41	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 14:39	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 15:14	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 15:28	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 15:05	6/29/2022 15:20	Subtransmission	Subtransmission	TIE 1423			EQUIPMENT FAILURE
6/29/2022 14:47	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 14:34	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 14:18	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 15:05	6/29/2022 16:00	Subtransmission	Distribution	TIE 1423			EQUIPMENT FAILURE
6/29/2022 14:04	6/29/2022 14:52	Subtransmission	Subtransmission	TIE 1423	2133	103491	EQUIPMENT FAILURE
6/29/2022 14:04	6/29/2022 14:52	Subtransmission	Subtransmission	TIE 1423	810	39505	EQUIPMENT FAILURE
6/29/2022 16:19	6/29/2022 20:18	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
7/2/2022 5:49	7/3/2022 18:17	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
7/2/2022 7:48	7/2/2022 18:12	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
7/6/2022 14:41	7/7/2022 2:50	Subtransmission	Distribution	TIE 2025	1761	137497	EQUIPMENT FAILURE
7/6/2022 14:16	7/6/2022 21:00	Subtransmission	Distribution	TIE 2025			EQUIPMENT FAILURE
7/6/2022 15:03	7/7/2022 10:36	Subtransmission	None	TIE 2025			EQUIPMENT FAILURE
7/6/2022 14:49	7/7/2022 9:07	Subtransmission	None	TIE 2025			EQUIPMENT FAILURE
7/6/2022 9:24	7/6/2022 12:46	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
7/12/2022 22:43	7/13/2022 14:52	Subtransmission	None	TRK 6854			EQUIPMENT FAILURE
7/16/2022 9:17	7/16/2022 14:15	Subtransmission	None	TRK 7122			EQUIPMENT FAILURE
7/19/2022 14:27	7/19/2022 23:47	Subtransmission	Distribution	TRK 1642	503	267411	EQUIPMENT FAILURE
7/19/2022 14:27	7/19/2022 17:00	Subtransmission	Distribution	TRK 1642	293	22323	EQUIPMENT FAILURE
7/19/2022 14:27	7/19/2022 19:34	Subtransmission	Distribution	TRK 1642	474	138176	EQUIPMENT FAILURE
7/19/2022 14:27	7/19/2022 21:23	Subtransmission	Distribution	TRK 1642	317	131870	EQUIPMENT FAILURE
7/19/2022 14:27	7/19/2022 17:14	Subtransmission	Distribution	TRK 1642	816	110500	EQUIPMENT FAILURE
7/19/2022 18:29	7/19/2022 20:04	Subtransmission	Distribution	TRK 1656	655	56941	EQUIPMENT FAILURE
7/19/2022 18:29	7/19/2022 20:04	Subtransmission	Distribution	TRK 1656	434	44863	EQUIPMENT FAILURE
7/19/2022 18:29	7/19/2022 20:04	Subtransmission	Distribution	TRK 1656	644	57835	EQUIPMENT FAILURE
7/19/2022 18:29	7/19/2022 20:04	Subtransmission	Distribution	TRK 1656	612	58229	EQUIPMENT FAILURE
7/19/2022 14:36	7/20/2022 4:00	Subtransmission	Distribution	TRK 1656	565	90314	EQUIPMENT FAILURE
7/19/2022 18:29	7/19/2022 21:11	Subtransmission	Distribution	TRK 1656	877	133866	EQUIPMENT FAILURE
7/19/2022 18:29	7/20/2022 4:00	Subtransmission	Distribution	TRK 1656	451	163894	EQUIPMENT FAILURE
7/19/2022 18:29	7/20/2022 4:00	Subtransmission	Distribution	TRK 1656	500	181115	EQUIPMENT FAILURE
7/19/2022 18:28	7/20/2022 1:50	Subtransmission	Distribution	TRK 1656	226	100113	EQUIPMENT FAILURE
7/23/2022 17:08	7/24/2022 7:09	Subtransmission	Distribution	TIE 8014	718	109351	EQUIPMENT FAILURE
7/24/2022 4:38	7/24/2022 12:32	Subtransmission	Distribution	TIE 8014	406	187774	EQUIPMENT FAILURE
7/24/2022 4:38	7/24/2022 13:10	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:40	7/24/2022 12:30	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:35	7/24/2022 9:40	Subtransmission	Distribution	TIE 8014	290	85939	EQUIPMENT FAILURE
7/24/2022 4:35	7/24/2022 15:05	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:36	7/24/2022 14:00	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:36	7/24/2022 14:20	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:46	7/24/2022 11:58	Subtransmission	Distribution	TIE 8014			EQUIPMENT FAILURE
7/24/2022 4:35	7/24/2022 9:41	Subtransmission	Distribution	TIE 8014	124	36872	EQUIPMENT FAILURE
7/24/2022 4:35	7/25/2022 10:00	Subtransmission	Distribution	TIE 8014	1	1740	EQUIPMENT FAILURE
7/24/2022 4:49	7/24/2022 14:27	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
7/24/2022 1:23	7/24/2022 9:41	Subtransmission	Distribution	TIE 8014	230	68502	EQUIPMENT FAILURE
7/27/2022 15:28	7/27/2022 19:16	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
7/27/2022 16:25	7/27/2022 20:36	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	832	230793	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	866	242875	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	545	153341	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:21	Subtransmission	Subtransmission	TRK 2247	572	159355	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	813	226479	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	1263	354319	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	642	180637	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	384	108061	EQUIPMENT FAILURE
8/2/2022 21:26	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	608	169433	EQUIPMENT FAILURE
8/2/2022 9:49	8/2/2022 22:51	Subtransmission	Substation	TRK 2247	298	22574	EQUIPMENT FAILURE
8/2/2022 16:06	8/3/2022 5:20	Subtransmission	Subtransmission	TRK 2247	401	111335	EQUIPMENT FAILURE
8/3/2022 20:57	8/4/2022 10:17	Subtransmission	Distribution	TIE 3705			EQUIPMENT FAILURE
8/3/2022 18:51	8/4/2022 2:00	Subtransmission	Distribution	TIE 3705	1550	370615	EQUIPMENT FAILURE
8/3/2022 20:00	8/4/2022 3:08	Subtransmission	Distribution	TIE 3705	284	127770	EQUIPMENT FAILURE
8/3/2022 18:51	8/4/2022 2:34	Subtransmission	Distribution	TIE 3705	1055	252398	EQUIPMENT FAILURE
8/3/2022 20:35	8/4/2022 2:25	Subtransmission	None	TRK 1229			EQUIPMENT FAILURE
8/4/2022 8:41	8/4/2022 19:49	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/4/2022 8:29	8/4/2022 20:31	Subtransmission	None	TRK 1229			EQUIPMENT FAILURE
8/9/2022 0:33	8/9/2022 5:39	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
8/20/2022 14:08	8/20/2022 20:57	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
8/20/2022 14:02	8/21/2022 2:09	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
8/20/2022 18:33	8/21/2022 14:20	Subtransmission	Distribution	TRK 7324	1313	538616	EQUIPMENT FAILURE
8/21/2022 4:19	8/21/2022 14:27	Subtransmission	Distribution	TRK 7324	872	269063	EQUIPMENT FAILURE
8/21/2022 4:19	8/21/2022 14:29	Subtransmission	Distribution	TRK 7324	1137	575153	EQUIPMENT FAILURE
8/21/2022 4:19	8/21/2022 14:30	Subtransmission	Distribution	TRK 7324	146	38501	EQUIPMENT FAILURE
8/21/2022 4:19	8/21/2022 14:10	Subtransmission	Distribution	TRK 7324	996	504253	EQUIPMENT FAILURE
8/21/2022 4:19	8/21/2022 14:27	Subtransmission	Distribution	TRK 7324	659	127792	EQUIPMENT FAILURE
8/21/2022 4:18	8/21/2022 14:28	Subtransmission	Distribution	TRK 7324	830	254626	EQUIPMENT FAILURE
8/21/2022 4:28	8/21/2022 12:06	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
8/23/2022 17:18	8/23/2022 21:05	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
8/27/2022 19:48	8/28/2022 14:09	Subtransmission	None	TRK 2439			EQUIPMENT FAILURE
8/29/2022 7:45	8/29/2022 11:36	Subtransmission	None	TRK 2439			EQUIPMENT FAILURE
8/29/2022 17:42	8/31/2022 11:43	Subtransmission	Distribution	TRK 2826	503	1464085	EQUIPMENT FAILURE
8/29/2022 17:42	8/31/2022 11:41	Subtransmission	Distribution	TRK 2826	646	1592352	EQUIPMENT FAILURE
8/29/2022 17:42	8/31/2022 12:30	Subtransmission	Distribution	TRK 2826	302	740757	EQUIPMENT FAILURE
8/30/2022 10:25	8/31/2022 11:14	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
8/30/2022 12:43	8/31/2022 18:55	Subtransmission	None	TRK 2826			EQUIPMENT FAILURE

8/31/2022 8:01	8/31/2022 21:08	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
8/31/2022 7:48	8/31/2022 12:39	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
9/12/2022 10:03	9/13/2022 12:57	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
9/12/2022 1:29	9/12/2022 4:17	Subtransmission	None	TRK 2826			EQUIPMENT FAILURE
9/19/2022 21:05	9/19/2022 23:58	Subtransmission	None	TRK 3543			EQUIPMENT FAILURE
9/25/2022 20:51	9/26/2022 5:30	Subtransmission	None	TRK 2255			EQUIPMENT FAILURE
9/25/2022 11:19	9/25/2022 14:48	Subtransmission	None	TRK 2255			EQUIPMENT FAILURE
9/29/2022 17:05	9/29/2022 20:53	Subtransmission	None	TRK 2237			EQUIPMENT FAILURE
10/6/2022 20:39	10/7/2022 1:46	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
10/6/2022 20:46	10/7/2022 17:19	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
10/6/2022 20:44	10/6/2022 21:05	Subtransmission	Distribution	TIE 3220		51	EQUIPMENT FAILURE
10/6/2022 20:39	10/6/2022 21:05	Subtransmission	Distribution	TIE 3220		51	EQUIPMENT FAILURE
10/7/2022 0:16	10/7/2022 0:40	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
10/13/2022 10:04	10/13/2022 15:25	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
10/15/2022 16:54	10/16/2022 2:13	Subtransmission	None	TRK 7913			EQUIPMENT FAILURE
10/16/2022 22:23	10/17/2022 16:16	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
10/16/2022 4:39	10/16/2022 13:38	Subtransmission	None	TRK 4351			EQUIPMENT FAILURE
10/17/2022 18:22	10/18/2022 5:37	Subtransmission	None	TRK 605			EQUIPMENT FAILURE
10/17/2022 17:39	10/18/2022 4:43	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
10/25/2022 22:27	10/26/2022 5:28	Subtransmission	Distribution	TIE 226	1265	424094	EQUIPMENT FAILURE
10/25/2022 22:27	10/26/2022 5:12	Subtransmission	Distribution	TIE 226	1446	495995	EQUIPMENT FAILURE
10/25/2022 22:33	10/26/2022 4:16	Subtransmission	Distribution	TIE 226	1285	349868	EQUIPMENT FAILURE
10/25/2022 22:29	10/26/2022 4:18	Subtransmission	Distribution	TIE 226	107	37367	EQUIPMENT FAILURE
10/25/2022 23:18	10/26/2022 4:57	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
10/25/2022 22:40	10/26/2022 4:53	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
11/13/2022 11:31	11/13/2022 18:24	Subtransmission	Distribution	TRK 2313	655	264670	EQUIPMENT FAILURE
11/27/2022 14:34	11/27/2022 15:15	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
11/27/2022 14:32	11/27/2022 16:42	Subtransmission	Distribution	TIE 5823	590	77527	EQUIPMENT FAILURE
11/27/2022 14:37	11/27/2022 20:20	Subtransmission	Distribution	TIE 5823	402	58952	EQUIPMENT FAILURE
11/27/2022 14:33	11/27/2022 15:22	Subtransmission	Distribution	TIE 5823	1	10	EQUIPMENT FAILURE
11/27/2022 14:32	11/27/2022 16:45	Subtransmission	Distribution	TIE 5823	271	36455	EQUIPMENT FAILURE
12/22/2022 21:51	12/24/2022 13:15	Subtransmission	Distribution	TIE 3800	1290	1456476	EQUIPMENT FAILURE
12/22/2022 14:15	12/22/2022 21:07	Subtransmission	None	TRK 2918			EQUIPMENT FAILURE
12/23/2022 12:43	12/23/2022 19:06	Subtransmission	Distribution	TIE 4605	613	28363	EQUIPMENT FAILURE
12/23/2022 13:50	12/23/2022 19:06	Subtransmission	Distribution	TIE 4605	916	27158	EQUIPMENT FAILURE
12/23/2022 17:08	12/24/2022 9:07	Subtransmission	Distribution	TIE 4605	3	3385	EQUIPMENT FAILURE
1/25/2023 16:59	1/25/2023 22:43	Subtransmission	None	TRK 1502			EQUIPMENT FAILURE
1/25/2023 11:37	1/25/2023 18:28	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
1/28/2023 14:01	1/28/2023 21:02	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
2/17/2023 11:29	2/17/2023 13:58	Subtransmission	Device (II)	TRK 2005	1	719	EQUIPMENT FAILURE
2/17/2023 13:23	2/17/2023 19:58	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/17/2023 11:29	2/17/2023 20:40	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/17/2023 11:20	2/17/2023 13:59	Subtransmission	Device (II)	TRK 2005	13	6349	EQUIPMENT FAILURE
2/17/2023 12:08	2/18/2023 17:36	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/17/2023 21:01	2/18/2023 16:03	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/19/2023 18:15	2/20/2023 4:47	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/19/2023 18:27	2/20/2023 5:08	Subtransmission		TRK 2005			EQUIPMENT FAILURE
2/20/2023 1:15	2/20/2023 2:46	Subtransmission	Device (II)	TRK 2005	298	21333	EQUIPMENT FAILURE
2/22/2023 22:00	2/25/2023 7:39	Subtransmission		TIE 1568			EQUIPMENT FAILURE
2/22/2023 22:07	2/25/2023 7:40	Subtransmission		TIE 2819			EQUIPMENT FAILURE
2/22/2023 21:09	2/25/2023 7:38	Subtransmission		TIE 6621			EQUIPMENT FAILURE
2/22/2023 16:39	2/26/2023 23:04	Subtransmission	Subtransmission	TIE 6621	1599	7531171	EQUIPMENT FAILURE
2/22/2023 18:21	2/25/2023 17:59	Subtransmission	Substation	TRK 2035	1170	1572023	EQUIPMENT FAILURE
2/24/2023 9:51	2/26/2023 9:34	Subtransmission		TIE 5513			EQUIPMENT FAILURE
2/25/2023 11:54	2/25/2023 20:33	Subtransmission		TIE 6517			EQUIPMENT FAILURE
3/1/2023 3:08	3/1/2023 4:16	Subtransmission	Substation	TIE 6138	2	329	EQUIPMENT FAILURE
3/1/2023 3:27	3/3/2023 6:17	Subtransmission		TIE 6138			EQUIPMENT FAILURE
3/3/2023 17:49	3/6/2023 10:11	Subtransmission		TRK 2107			EQUIPMENT FAILURE
3/3/2023 17:49	3/4/2023 21:36	Subtransmission	Circuit Level	TRK 2107			EQUIPMENT FAILURE
3/3/2023 22:07	3/5/2023 17:00	Subtransmission		TRK 6842			EQUIPMENT FAILURE
3/4/2023 7:28	3/8/2023 17:27	Subtransmission		TRK 6842			EQUIPMENT FAILURE
3/17/2023 14:03	3/22/2023 23:14	Subtransmission		TRK 2002			EQUIPMENT FAILURE
3/20/2023 15:19	3/21/2023 6:11	Subtransmission		TRK 5938			EQUIPMENT FAILURE
3/31/2023 22:55	3/31/2023 23:11	Subtransmission	Device (II)	TRK 3557			EQUIPMENT FAILURE
3/31/2023 22:42	4/1/2023 14:49	Subtransmission		TRK 3557			EQUIPMENT FAILURE
3/31/2023 22:31	4/5/2023 13:07	Subtransmission		TRK 3557			EQUIPMENT FAILURE
3/31/2023 22:28	3/31/2023 23:18	Subtransmission	Circuit Level	TRK 3557			EQUIPMENT FAILURE
3/31/2023 22:55	3/31/2023 23:10	Subtransmission	Circuit Level	TRK 3557			EQUIPMENT FAILURE
4/1/2023 14:40	4/4/2023 13:31	Subtransmission		TRK 3557			EQUIPMENT FAILURE
4/12/2023 10:02	4/14/2023 17:42	Subtransmission		TRK 4227			EQUIPMENT FAILURE
4/23/2023 16:58	4/30/2023 21:22	Subtransmission		TRK 2308			EQUIPMENT FAILURE
4/30/2023 18:14	5/1/2023 22:59	Subtransmission		TRK 5145			EQUIPMENT FAILURE
5/7/2023 8:40	5/7/2023 16:26	Subtransmission		TRK 1218			EQUIPMENT FAILURE
5/26/2023 6:41	5/26/2023 9:15	Subtransmission	Circuit Level	TRK 564	223	18654	EQUIPMENT FAILURE
5/26/2023 6:41	5/26/2023 9:07	Subtransmission	Circuit Level	TRK 564	356	29718	EQUIPMENT FAILURE
5/26/2023 6:41	5/26/2023 9:15	Subtransmission	Circuit Level	TRK 564	340	28450	EQUIPMENT FAILURE
5/26/2023 6:30	5/26/2023 9:07	Subtransmission	Circuit Level	TRK 564	97	8117	EQUIPMENT FAILURE
5/30/2023 17:54	5/31/2023 13:05	Subtransmission		TIE 7621			EQUIPMENT FAILURE
5/31/2023 17:38	6/1/2023 5:26	Subtransmission		TRK 2629			EQUIPMENT FAILURE
6/1/2023 18:44	6/2/2023 3:09	Subtransmission		TRK 824	1	373	EQUIPMENT FAILURE
6/1/2023 18:38	6/2/2023 2:11	Subtransmission	Subtransmission	TRK 824	1727	646197	EQUIPMENT FAILURE
6/2/2023 2:59	6/2/2023 11:04	Subtransmission	Single Customer	TRK 824			EQUIPMENT FAILURE
6/13/2023 9:27	6/14/2023 20:37	Subtransmission	Service Secondary	TIE 7733			EQUIPMENT FAILURE
6/14/2023 10:08	6/14/2023 12:55	Subtransmission	Circuit Level	TRK 4911	475	17566	EQUIPMENT FAILURE
6/15/2023 18:40	6/17/2023 8:45	Subtransmission		TRK 2002			EQUIPMENT FAILURE
6/15/2023 16:36	6/18/2023 8:53	Subtransmission		TRK 3632			EQUIPMENT FAILURE
6/16/2023 0:43	1/11/2024 22:33	Subtransmission		TRK 2002			EQUIPMENT FAILURE
6/23/2023 8:08	6/23/2023 14:59	Subtransmission	Circuit Level	TRK 2032	1838	522622	EQUIPMENT FAILURE
6/23/2023 8:09	6/23/2023 15:30	Subtransmission	Circuit Level	TRK 2032	1944	678713	EQUIPMENT FAILURE
6/23/2023 7:53	6/23/2023 8:13	Subtransmission		TRK 2032			EQUIPMENT FAILURE
6/23/2023 8:26	6/23/2023 11:25	Subtransmission	Single Customer	TRK 2032			EQUIPMENT FAILURE
6/25/2023 15:22	6/25/2023 16:21	Subtransmission		TRK 5127			EQUIPMENT FAILURE
6/25/2023 16:30	6/25/2023 21:53	Subtransmission		TRK 5127			EQUIPMENT FAILURE
6/25/2023 16:23	6/25/2023 21:35	Subtransmission	Subtransmission	TRK 5127	1669	292441	EQUIPMENT FAILURE
6/25/2023 16:23	6/26/2023 14:26	Subtransmission	Subtransmission	TRK 5127	3220	715814	EQUIPMENT FAILURE
6/26/2023 10:03	6/26/2023 11:29	Subtransmission		TIE 7702			EQUIPMENT FAILURE
6/26/2023 0:47	6/27/2023 13:58	Subtransmission		TIE 7702			EQUIPMENT FAILURE
6/26/2023 7:08	6/27/2023 10:35	Subtransmission		TIE 7702			EQUIPMENT FAILURE
6/26/2023 7:29	6/27/2023 10:48	Subtransmission	Single Customer	TIE 7702	1	1951	EQUIPMENT FAILURE
6/28/2023 22:40	6/29/2023 11:51	Subtransmission	Subtransmission	TRK 5127	2192	568704	EQUIPMENT FAILURE
6/28/2023 22:40	6/29/2023 11:50	Subtransmission	Subtransmission	TRK 5127	1674	434756	EQUIPMENT FAILURE
6/29/2023 3:19	6/29/2023 9:03	Subtransmission	Circuit Level	TRK 5127	682	387281	EQUIPMENT FAILURE
6/29/2023 3:20	6/29/2023 9:01	Subtransmission	Circuit Level	TRK 5127	381	217371	EQUIPMENT FAILURE
6/29/2023 3:16	6/29/2023 8:29	Subtransmission	Single Customer	TRK 5127			EQUIPMENT FAILURE
6/29/2023 4:37	6/29/2023 8:24	Subtransmission	Single Customer	TRK 5127			EQUIPMENT FAILURE

7/2/2023 1:51	7/5/2023 18:16	Subtransmission		TIE 2819			EQUIPMENT FAILURE
7/2/2023 1:43	7/2/2023 9:26	Subtransmission	Service Transformer	TIE 2819	7	581	EQUIPMENT FAILURE
7/2/2023 1:40	7/2/2023 16:12	Subtransmission	Substation	TIE 2819	4829	400312	EQUIPMENT FAILURE
7/9/2023 15:46	7/10/2023 2:15	Subtransmission		TIE 817			EQUIPMENT FAILURE
7/9/2023 21:30	7/9/2023 22:18	Subtransmission	Single Customer	TIE 817	1	316	EQUIPMENT FAILURE
7/9/2023 15:43	7/10/2023 3:20	Subtransmission	Subtransmission	TIE 817	6318	2204582	EQUIPMENT FAILURE
7/9/2023 16:02	7/10/2023 0:27	Subtransmission		TIE 817			EQUIPMENT FAILURE
7/11/2023 20:34	7/12/2023 11:41	Subtransmission	Subtransmission	TRK 1418	247	68086	EQUIPMENT FAILURE
7/19/2023 13:19	7/19/2023 14:51	Subtransmission	Circuit Level	TIE 9303			EQUIPMENT FAILURE
7/19/2023 13:56	7/19/2023 20:55	Subtransmission		TIE 9303			EQUIPMENT FAILURE
7/19/2023 13:20	7/20/2023 1:02	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
7/20/2023 16:18	7/22/2023 14:08	Subtransmission		TIE 6117			EQUIPMENT FAILURE
7/20/2023 19:11	7/21/2023 12:46	Subtransmission		TRK 359			EQUIPMENT FAILURE
7/26/2023 16:26	7/27/2023 5:30	Subtransmission		TRK 4911			EQUIPMENT FAILURE
7/26/2023 16:18	7/28/2023 17:09	Subtransmission		TRK 4911			EQUIPMENT FAILURE
7/27/2023 13:24	7/27/2023 21:04	Subtransmission	Subtransmission	TRK 4911	601	78962	EQUIPMENT FAILURE
7/27/2023 7:39	7/28/2023 17:40	Subtransmission	Circuit Level	TRK 2922	88	5561	EQUIPMENT FAILURE
8/6/2023 21:11	8/7/2023 10:10	Subtransmission		TRK 2543			EQUIPMENT FAILURE
8/6/2023 16:32	8/6/2023 18:51	Subtransmission		TRK 2543			EQUIPMENT FAILURE
8/7/2023 22:11	8/9/2023 8:49	Subtransmission		TRK 776			EQUIPMENT FAILURE
8/8/2023 7:35	8/8/2023 16:09	Subtransmission	Subtransmission	TRK 2826	500	44038	EQUIPMENT FAILURE
8/8/2023 7:49	8/8/2023 13:17	Subtransmission	Single Customer	TRK 2826	1	88	EQUIPMENT FAILURE
8/8/2023 10:53	8/8/2023 23:40	Subtransmission	Circuit Level	TRK 2826	1558	48285	EQUIPMENT FAILURE
8/8/2023 7:44	8/8/2023 17:40	Subtransmission	Single Customer	TRK 2826	1	88	EQUIPMENT FAILURE
8/8/2023 9:07	8/8/2023 18:39	Subtransmission	Single Customer	TRK 2826			EQUIPMENT FAILURE
8/8/2023 8:41	8/8/2023 16:50	Subtransmission	Subtransmission	TRK 2826	1219	107367	EQUIPMENT FAILURE
8/8/2023 8:24	8/10/2023 11:42	Subtransmission		TRK 2826			EQUIPMENT FAILURE
8/8/2023 9:17	8/8/2023 13:53	Subtransmission		TRK 2826			EQUIPMENT FAILURE
8/21/2023 5:16	8/21/2023 9:29	Subtransmission	Circuit Level	TIE 1467	10	3233	EQUIPMENT FAILURE
8/24/2023 11:49	8/28/2023 23:22	Subtransmission		TRK 1340			EQUIPMENT FAILURE
8/24/2023 22:14	8/26/2023 9:14	Subtransmission		TIE 6138			EQUIPMENT FAILURE
8/25/2023 15:00	8/26/2023 20:33	Subtransmission	Circuit Level	TIE 6147	2778	3410845	EQUIPMENT FAILURE
8/25/2023 11:13	8/25/2023 13:52	Subtransmission		TIE 6147			EQUIPMENT FAILURE
8/25/2023 1:59	8/26/2023 16:02	Subtransmission		TRK 2439			EQUIPMENT FAILURE
9/5/2023 2:48	9/16/2023 15:09	Subtransmission		TRK 4338			EQUIPMENT FAILURE
9/28/2023 15:57	9/28/2023 19:20	Subtransmission		TRK 5938			EQUIPMENT FAILURE
10/27/2023 19:28	10/28/2023 0:34	Subtransmission	Device (II)	TRK 1251	28	5212	EQUIPMENT FAILURE
11/17/2023 22:28	11/18/2023 19:49	Subtransmission	Device (II)	TRK 2010	31	49117	EQUIPMENT FAILURE
12/18/2023 15:41	12/19/2023 6:14	Subtransmission		TRK 5145			EQUIPMENT FAILURE
12/24/2023 21:57	12/29/2023 10:50	Subtransmission		TRK 3124			EQUIPMENT FAILURE
6/2/2020 7:27	6/2/2020 10:58	Subtransmission	None	TRK 7106			EQUIPMENT LOADING
6/2/2020 17:40	6/2/2020 18:42	Subtransmission	Distribution	TRK 7106	1285	68185	EQUIPMENT LOADING
6/11/2022 6:29	6/11/2022 16:16	Subtransmission	None	TRK 2418			EQUIPMENT LOADING
6/13/2022 1:27	6/13/2022 6:31	Subtransmission	None	TRK 2471			EQUIPMENT LOADING
9/4/2023 19:13	9/5/2023 3:08	Subtransmission	Circuit Level	TRK 359			EQUIPMENT LOADING
9/4/2023 19:41	9/5/2023 3:08	Subtransmission	Circuit Level	TRK 359			EQUIPMENT LOADING
9/4/2023 19:13	9/5/2023 3:05	Subtransmission	Circuit Level	TRK 359			EQUIPMENT LOADING
9/4/2023 19:34	9/5/2023 3:08	Subtransmission	Circuit Level	TRK 359			EQUIPMENT LOADING
2/23/2023 8:09	2/25/2023 7:43	Subtransmission		TIE 4501			ICE
2/23/2023 6:51	2/25/2023 7:42	Subtransmission		TRK 7702			ICE
2/25/2023 7:52	2/25/2023 17:07	Subtransmission		TIE 8804			ICE
3/4/2023 9:25	3/4/2023 20:01	Subtransmission		TRK 2918			ICE
6/24/2018 9:35	6/24/2018 18:33	Subtransmission	None	TIE 9111			LIGHTNING
2/26/2018 10:35	2/26/2018 14:37	Subtransmission	None	TRK 2510			PUBLIC INTERFERENCE
1/7/2019 12:48	1/8/2019 15:30	Subtransmission	None	TRK 7909			PUBLIC INTERFERENCE
2/21/2019 8:16	2/21/2019 13:01	Subtransmission	None	TRK 4351			PUBLIC INTERFERENCE
3/22/2019 8:53	3/22/2019 16:05	Subtransmission	None	TRK 2715			PUBLIC INTERFERENCE
4/26/2019 17:56	4/26/2019 20:59	Subtransmission	None	TIE 3245			PUBLIC INTERFERENCE
5/11/2019 9:19	5/11/2019 19:39	Subtransmission	None	TRK 2510			PUBLIC INTERFERENCE
5/26/2019 7:03	5/26/2019 10:22	Subtransmission	None	TRK 2519			PUBLIC INTERFERENCE
5/28/2019 12:02	5/29/2019 7:18	Subtransmission	None	TRK 7411			PUBLIC INTERFERENCE
6/27/2019 22:31	6/28/2019 5:24	Subtransmission	None	TRK 3646			PUBLIC INTERFERENCE
12/8/2019 22:35	12/9/2019 13:28	Subtransmission	None	TRK 7150			PUBLIC INTERFERENCE
12/8/2019 20:24	12/9/2019 6:31	Subtransmission	None	TRK 7150			PUBLIC INTERFERENCE
9/24/2020 8:18	9/24/2020 9:47	Subtransmission	Distribution	TIE 7520	193	11335	PUBLIC INTERFERENCE
9/24/2020 8:26	9/24/2020 18:44	Subtransmission	None	TIE 7520			PUBLIC INTERFERENCE
9/24/2020 8:19	9/24/2020 9:45	Subtransmission	Distribution	TIE 7520	21	1220	PUBLIC INTERFERENCE
9/24/2020 8:16	9/24/2020 9:45	Subtransmission	Distribution	TIE 7520	159	17898	PUBLIC INTERFERENCE
10/11/2021 4:21	10/11/2021 6:11	Subtransmission	None	TIE 5823			PUBLIC INTERFERENCE
10/11/2021 4:10	10/11/2021 5:19	Subtransmission	Distribution	TIE 5823	688	45764	PUBLIC INTERFERENCE
10/11/2021 4:36	10/11/2021 12:29	Subtransmission	None	TIE 5823			PUBLIC INTERFERENCE
10/11/2021 4:38	10/11/2021 12:13	Subtransmission	None	TIE 5823			PUBLIC INTERFERENCE
11/29/2021 9:53	11/29/2021 11:23	Subtransmission	None	TIE 6602			PUBLIC INTERFERENCE
5/2/2022 15:29	5/3/2022 0:57	Subtransmission	None	TRK 346			PUBLIC INTERFERENCE
9/3/2022 7:38	9/3/2022 17:33	Subtransmission	None	TRK 4316			PUBLIC INTERFERENCE
9/3/2022 7:26	9/3/2022 17:10	Subtransmission	Distribution	TRK 4316	5	2895	PUBLIC INTERFERENCE
9/3/2022 7:36	9/3/2022 17:33	Subtransmission	None	TRK 4316			PUBLIC INTERFERENCE
11/16/2022 17:50	11/17/2022 0:59	Subtransmission	None	TRK 4316			PUBLIC INTERFERENCE
11/18/2022 8:29	11/18/2022 14:26	Subtransmission	None	TRK 3508			PUBLIC INTERFERENCE
8/25/2023 9:34	8/25/2023 15:14	Subtransmission		TRK 781			PUBLIC INTERFERENCE
11/18/2023 22:22	11/29/2023 20:08	Subtransmission		TRK 2806			PUBLIC INTERFERENCE
11/18/2023 22:12	11/19/2023 5:24	Subtransmission	Device (II)	TRK 2806	484	37346	PUBLIC INTERFERENCE
2/23/2018 11:53	2/23/2018 15:00	Subtransmission	Distribution	TIE 4109	133	18760	TREE
2/23/2018 7:23	2/23/2018 10:00	Subtransmission	Distribution	TIE 4109	781	109650	TREE
2/23/2018 7:45	2/23/2018 18:36	Subtransmission	None	TIE 4109			TREE
2/23/2018 7:23	2/23/2018 9:05	Subtransmission	Distribution	TIE 4109	417	38224	TREE
2/23/2018 7:23	2/23/2018 9:06	Subtransmission	Distribution	TIE 4109	645	59825	TREE
2/25/2018 15:59	2/27/2018 1:22	Subtransmission	None	TIE4105			TREE
4/14/2018 19:27	4/15/2018 19:49	Subtransmission	None	TIE 3208			TREE
4/14/2018 9:22	4/14/2018 18:17	Subtransmission	None	TIE 3208			TREE
4/15/2018 7:05	4/15/2018 23:00	Subtransmission	Distribution	TIE 1467	1154	931231	TREE
4/15/2018 7:05	4/15/2018 12:43	Subtransmission	Distribution	TIE 1467	420	129082	TREE
4/15/2018 7:05	4/15/2018 21:30	Subtransmission	Distribution	TIE 1467	731	647929	TREE
4/15/2018 8:18	4/15/2018 18:39	Subtransmission	None	TRK 2002			TREE
4/15/2018 8:39	4/15/2018 17:30	Subtransmission	None	TRK 2002			TREE
4/15/2018 8:16	4/15/2018 18:38	Subtransmission	None	TRK 2002			TREE
5/5/2018 12:02	5/8/2018 0:58	Subtransmission	None	TIE 4109			TREE
5/8/2018 8:31	5/8/2018 15:08	Subtransmission	None	TIE 2812			TREE
5/8/2018 10:45	5/8/2018 20:14	Subtransmission	None	TRK 7150			TREE
5/27/2018 12:30	5/27/2018 15:46	Subtransmission	None	TRK 2636			TREE
5/27/2018 15:47	5/27/2018 21:24	Subtransmission	None	TRK 2636			TREE
5/29/2018 14:32	5/30/2018 1:26	Subtransmission	None	TRK 7062			TREE
5/30/2018 22:42	5/31/2018 14:03	Subtransmission	None	TIE 5843			TREE
7/15/2018 22:04	7/16/2018 10:24	Subtransmission	Distribution	TRK 4416	845	624346	TREE
7/15/2018 23:05	7/16/2018 0:56	Subtransmission	None	TRK 4416			TREE

7/16/2018 16:25	7/17/2018 6:35	Subtransmission	None	TIE 6147		TREE
7/16/2018 16:17	7/16/2018 22:29	Subtransmission	Distribution	TIE 6147	277	99561 TREE
7/26/2018 21:09	7/27/2018 19:45	Subtransmission	Distribution	TIE 1544	464	74568 TREE
8/2/2018 12:53	8/2/2018 14:14	Subtransmission	Subtransmission	TIE 4109	390	31375 TREE
8/2/2018 12:53	8/2/2018 14:14	Subtransmission	Subtransmission	TIE 4109	633	51273 TREE
8/2/2018 12:58	8/2/2018 23:52	Subtransmission	None	TIE 4109		TREE
8/2/2018 12:52	8/2/2018 21:40	Subtransmission	Distribution	TIE 4109	747	241650 TREE
10/17/2018 9:27	10/17/2018 18:42	Subtransmission	None	TRK 2025		TREE
12/27/2018 18:46	12/27/2018 22:42	Subtransmission	Distribution	TIE 9111	406	69809 TREE
12/27/2018 19:55	12/28/2018 4:26	Subtransmission	None	TIE 9111		TREE
12/27/2018 19:50	12/27/2018 22:42	Subtransmission	Distribution	TIE 9111	673	117081 TREE
12/28/2018 17:14	12/28/2018 20:24	Subtransmission	None	TRK 7122		TREE
12/28/2018 17:14	12/28/2018 18:11	Subtransmission	None	TRK 7122		TREE
12/28/2018 17:17	12/28/2018 20:16	Subtransmission	None	TRK 7122		TREE
12/31/2018 23:06	1/1/2019 14:32	Subtransmission	None	TIE 3245		TREE
12/31/2018 22:56	1/1/2019 0:52	Subtransmission	Distribution	TIE 3245	345	41048 TREE
1/2/2019 15:32	1/2/2019 20:04	Subtransmission	None	TRK 5145		TREE
1/7/2019 7:00	1/7/2019 15:21	Subtransmission	Distribution	TIE 4109	685	298827 TREE
1/7/2019 7:58	1/7/2019 15:15	Subtransmission	Distribution	TIE 4109	477	207740 TREE
1/7/2019 7:58	1/7/2019 12:15	Subtransmission	Distribution	TIE 4109	803	209534 TREE
2/7/2019 23:02	2/8/2019 16:25	Subtransmission	None	TIE 7621		TREE
2/19/2019 21:03	2/19/2019 23:15	Subtransmission	None	TIE 182		TREE
2/24/2019 15:20	2/24/2019 20:48	Subtransmission	None	TIE 4501		TREE
2/24/2019 23:00	2/25/2019 3:02	Subtransmission	Distribution	TIE 4708	478	119679 TREE
2/24/2019 23:00	2/25/2019 17:00	Subtransmission	Distribution	TIE 4708	580	640007 TREE
2/24/2019 23:08	2/25/2019 17:53	Subtransmission	None	TIE 4708		TREE
2/24/2019 23:00	2/25/2019 3:30	Subtransmission	Distribution	TIE 4708	1564	381393 TREE
2/24/2019 23:07	2/25/2019 3:30	Subtransmission	Distribution	TIE 4708	1	243 TREE
2/24/2019 23:00	2/25/2019 3:00	Subtransmission	Distribution	TIE 4708	657	221569 TREE
2/24/2019 19:25	2/25/2019 3:02	Subtransmission	Distribution	TIE 4708	529	129200 TREE
2/24/2019 14:35	2/24/2019 16:48	Subtransmission	Subtransmission	TIE 6138	1636	200145 TREE
2/24/2019 14:40	2/24/2019 18:20	Subtransmission	Distribution	TIE 6138	1406	171770 TREE
2/24/2019 14:31	2/25/2019 1:00	Subtransmission	Distribution	TIE 6138	1532	343187 TREE
2/24/2019 12:12	2/24/2019 18:14	Subtransmission	Distribution	TIE 6138	2461	366895 TREE
2/24/2019 15:40	2/25/2019 14:09	Subtransmission	Distribution	TIE 6602	323	409805 TREE
2/24/2019 15:40	2/24/2019 20:40	Subtransmission	Distribution	TIE 6602	137	41051 TREE
2/24/2019 11:08	2/25/2019 20:10	Subtransmission	None	TRK 5145		TREE
2/24/2019 13:37	2/25/2019 19:05	Subtransmission	None	TRK 5145		TREE
2/24/2019 10:30	2/24/2019 21:13	Subtransmission	None	TRK 5404		TREE
2/25/2019 7:04	2/25/2019 15:29	Subtransmission	None	TIE 4708		TREE
2/25/2019 11:52	2/25/2019 21:13	Subtransmission	None	TIE 4708		TREE
2/25/2019 7:08	2/25/2019 12:32	Subtransmission	None	TIE 6138		TREE
2/25/2019 1:02	2/25/2019 20:19	Subtransmission	None	TRK 5145		TREE
3/11/2019 16:45	3/12/2019 3:13	Subtransmission	None	TIE 3410		TREE
3/30/2019 5:48	3/30/2019 8:54	Subtransmission	None	TIE 3402		TREE
3/30/2019 5:10	3/30/2019 12:54	Subtransmission	None	TIE 3402		TREE
3/30/2019 5:17	3/30/2019 6:50	Subtransmission	Distribution	TIE 3402	311	29037 TREE
4/13/2019 13:40	4/13/2019 19:45	Subtransmission	None	TIE 807		TREE
4/13/2019 15:21	4/13/2019 21:16	Subtransmission	None	TIE 807		TREE
4/13/2019 10:57	4/13/2019 12:45	Subtransmission	None	TIE 807		TREE
4/14/2019 20:04	4/14/2019 22:00	Subtransmission	Subtransmission	TIE 3208	511	60815 TREE
4/14/2019 20:04	4/14/2019 22:00	Subtransmission	Subtransmission	TIE 3208	477	56668 TREE
4/28/2019 4:51	4/28/2019 8:30	Subtransmission	Distribution	TIE 2648	1560	27435 TREE
4/28/2019 4:50	4/28/2019 8:30	Subtransmission	Distribution	TIE 2648	771	21337 TREE
4/28/2019 4:59	4/28/2019 8:00	Subtransmission	Distribution	TIE 2648	1287	60533 TREE
4/28/2019 5:03	4/28/2019 16:44	Subtransmission	None	TIE 2648		TREE
5/23/2019 6:29	5/23/2019 13:07	Subtransmission	Distribution	TIE 1473	874	261946 TREE
5/23/2019 5:58	5/23/2019 11:28	Subtransmission	None	TIE 3417		TREE
7/3/2019 0:51	7/4/2019 1:10	Subtransmission	None	TRK 1232		TREE
7/5/2019 17:09	7/5/2019 20:00	Subtransmission	None	TIE 7745		TREE
7/5/2019 17:25	7/5/2019 20:38	Subtransmission	None	TIE 7745		TREE
7/5/2019 17:05	7/6/2019 15:06	Subtransmission	None	TIE 7745		TREE
7/5/2019 16:57	7/5/2019 21:35	Subtransmission	None	TIE 7745		TREE
7/7/2019 7:34	7/7/2019 15:43	Subtransmission	None	TRK 7122		TREE
7/20/2019 7:53	7/20/2019 16:58	Subtransmission	None	TIE 1544		TREE
7/20/2019 22:30	7/21/2019 21:06	Subtransmission	None	TIE 3245		TREE
7/20/2019 21:37	7/21/2019 11:30	Subtransmission	Distribution	TIE 3245	3	3486 TREE
7/22/2019 0:38	7/23/2019 14:28	Subtransmission	None	TIE 4501		TREE
7/27/2019 16:57	7/28/2019 16:33	Subtransmission	None	TIE 9107		TREE
7/28/2019 19:26	8/1/2019 11:57	Subtransmission	None	TIE 6147		TREE
7/28/2019 17:15	7/29/2019 0:30	Subtransmission	Distribution	TIE 6147	552	238137 TREE
8/17/2019 18:22	8/18/2019 19:57	Subtransmission	None	TIE 3241		TREE
8/26/2019 12:17	8/27/2019 10:30	Subtransmission	Distribution	TIE 3241	1	6 TREE
9/5/2019 12:44	9/5/2019 13:28	Subtransmission	None	TIE 5513		TREE
9/5/2019 12:48	9/5/2019 18:06	Subtransmission	None	TIE 5513		TREE
9/11/2019 11:38	9/11/2019 17:55	Subtransmission	None	TIE 3205		TREE
9/11/2019 11:37	9/11/2019 14:38	Subtransmission	None	TIE 3205		TREE
9/13/2019 15:20	9/13/2019 23:01	Subtransmission	None	TIE 4501		TREE
9/23/2019 11:41	9/23/2019 17:43	Subtransmission	None	TIE 3203		TREE
9/23/2019 14:01	9/23/2019 18:00	Subtransmission	Distribution	TIE 3203	518	112016 TREE
9/23/2019 12:25	9/23/2019 18:25	Subtransmission	None	TIE 3203		TREE
10/17/2019 13:34	10/17/2019 16:34	Subtransmission	Distribution	TRK 5145	1039	161273 TREE
10/17/2019 13:34	10/17/2019 16:34	Subtransmission	Distribution	TRK 5145	170	26298 TREE
10/17/2019 13:34	10/17/2019 16:44	Subtransmission	Distribution	TRK 5145	361	63359 TREE
10/17/2019 13:34	10/17/2019 16:40	Subtransmission	Distribution	TRK 5145	640	110725 TREE
10/17/2019 13:34	10/17/2019 16:42	Subtransmission	Distribution	TRK 5145	407	69982 TREE
10/17/2019 13:34	10/17/2019 16:34	Subtransmission	Distribution	TRK 5145	403	58473 TREE
10/19/2019 10:35	10/19/2019 11:53	Subtransmission	Distribution	TIE 3410	6	484 TREE
10/19/2019 13:58	10/19/2019 19:19	Subtransmission	Distribution	TIE 3410	41	8280 TREE
10/19/2019 14:07	10/19/2019 21:00	Subtransmission	None	TIE 3410		TREE
10/22/2019 0:07	10/22/2019 5:28	Subtransmission	None	TIE 3241		TREE
10/22/2019 0:09	10/22/2019 4:50	Subtransmission	None	TIE 3241		TREE
10/27/2019 5:09	10/27/2019 15:09	Subtransmission	None	TIE 7140		TREE
10/27/2019 11:11	10/27/2019 14:45	Subtransmission	None	TIE 7430		TREE
10/27/2019 4:29	10/27/2019 14:45	Subtransmission	Distribution	TIE 7430	1531	591662 TREE
11/1/2019 0:21	11/1/2019 20:39	Subtransmission	None	TIE 3410		TREE
11/20/2019 10:38	11/20/2019 20:06	Subtransmission	None	TIE 3209		TREE
11/27/2019 14:35	11/27/2019 20:47	Subtransmission	None	TIE 3417		TREE
11/27/2019 13:15	11/27/2019 20:09	Subtransmission	None	TIE 3417		TREE
12/1/2019 3:21	12/1/2019 10:30	Subtransmission	Distribution	TIE 5829	1191	228806 TREE
12/5/2019 13:16	12/5/2019 22:03	Subtransmission	None	TIE 3323		TREE
12/5/2019 16:37	12/5/2019 18:48	Subtransmission	None	TIE 3323		TREE
12/26/2019 10:53	12/26/2019 20:26	Subtransmission	None	TIE 3208		TREE
12/30/2019 7:33	12/30/2019 10:27	Subtransmission	None	TIE 4605		TREE
12/30/2019 11:46	12/30/2019 16:00	Subtransmission	Distribution	TIE 4605	179	41708 TREE

3/10/2020 17:36	3/10/2020 18:29	Subtransmission	None	TIE 3208		TREE
3/17/2020 5:32	3/17/2020 12:53	Subtransmission	None	TIE 3323		TREE
3/17/2020 14:57	3/17/2020 22:47	Subtransmission	None	TIE 3323		TREE
4/13/2020 15:32	4/13/2020 20:38	Subtransmission	None	TIE 3206		TREE
4/13/2020 17:10	4/13/2020 22:09	Subtransmission	None	TIE 3206		TREE
4/21/2020 0:27	4/21/2020 0:34	Subtransmission	None	TRK 6125		TREE
4/21/2020 0:20	4/21/2020 2:32	Subtransmission	Distribution	TRK 6125	163	26880 TREE
4/21/2020 7:05	4/21/2020 19:08	Subtransmission	None	TRK 6125		TREE
5/28/2020 18:43	5/28/2020 20:30	Subtransmission	Distribution	TRK 2010	11	189 TREE
5/28/2020 18:53	6/1/2020 12:58	Subtransmission	None	TRK 2010		TREE
6/3/2020 3:40	6/3/2020 13:08	Subtransmission	Distribution	TIE 6931	1062	537363 TREE
6/3/2020 4:01	6/3/2020 16:05	Subtransmission	None	TIE 6931		TREE
6/3/2020 11:47	6/3/2020 15:58	Subtransmission	Distribution	TIE 6931	163	40395 TREE
6/10/2020 14:13	6/11/2020 22:13	Subtransmission	Distribution	TIE 3209	608	1062043 TREE
6/10/2020 16:09	6/11/2020 7:17	Subtransmission	Distribution	TIE 4523	392	160996 TREE
6/10/2020 16:46	6/13/2020 13:26	Subtransmission	None	TIE 4523		TREE
6/10/2020 16:05	6/11/2020 1:30	Subtransmission	Distribution	TIE 4523	600	250665 TREE
6/11/2020 21:27	6/14/2020 6:37	Subtransmission	None	TIE 8505		TREE
6/11/2020 21:45	6/12/2020 2:15	Subtransmission	None	TIE 8505		TREE
7/19/2020 10:21	7/19/2020 16:50	Subtransmission	Distribution	TIE 4708	537	351823 TREE
7/19/2020 10:27	7/19/2020 21:15	Subtransmission	None	TIE 4708		TREE
8/10/2020 16:27	8/10/2020 16:53	Subtransmission	Distribution	TRK 6759	1266	25477 TREE
8/18/2020 10:33	8/18/2020 21:04	Subtransmission	None	TRK 2035		TREE
8/29/2020 1:56	8/29/2020 16:42	Subtransmission	None	TRK 7114		TREE
8/29/2020 2:01	8/29/2020 9:29	Subtransmission	None	TRK 7114		TREE
8/31/2020 10:34	8/31/2020 15:07	Subtransmission	None	TRK 7114		TREE
9/2/2020 10:10	9/2/2020 14:53	Subtransmission	None	TRK 7114		TREE
9/11/2020 16:45	9/11/2020 20:32	Subtransmission	None	TRK 1563		TREE
9/11/2020 1:52	9/11/2020 14:56	Subtransmission	None	TRK 1563		TREE
9/11/2020 1:41	9/11/2020 2:40	Subtransmission	Distribution	TRK 1563	204	16268 TREE
9/12/2020 10:25	9/15/2020 19:02	Subtransmission	None	TRK 1563		TREE
10/4/2020 9:26	10/4/2020 11:27	Subtransmission	None	TRK 5145		TREE
10/23/2020 13:51	10/23/2020 22:34	Subtransmission	Distribution	TIE 7702	539	280793 TREE
10/31/2020 13:46	10/31/2020 14:48	Subtransmission	Subtransmission	TIE 9111	1144	142654 TREE
10/31/2020 13:56	11/1/2020 0:42	Subtransmission	Distribution	TIE 9111		TREE
10/31/2020 14:04	10/31/2020 20:15	Subtransmission	None	TIE 9111		TREE
11/15/2020 13:56	11/17/2020 18:12	Subtransmission	None	TIE 3318		TREE
11/15/2020 14:50	11/16/2020 19:21	Subtransmission	None	TIE 3318		TREE
11/16/2020 13:15	11/18/2020 20:48	Subtransmission	None	TIE 4109		TREE
11/18/2020 15:44	11/18/2020 17:10	Subtransmission	Distribution	TIE 4109	166	14318 TREE
12/24/2020 4:12	12/24/2020 10:58	Subtransmission	None	TIE 226		TREE
12/24/2020 4:12	12/24/2020 14:11	Subtransmission	None	TIE 226		TREE
12/24/2020 4:10	12/24/2020 12:08	Subtransmission	Distribution	TIE 226	1032	238732 TREE
12/24/2020 4:40	12/24/2020 10:00	Subtransmission	Distribution	TIE 226	16	3165 TREE
12/24/2020 4:31	12/24/2020 6:07	Subtransmission	Distribution	TIE 226	1444	141474 TREE
12/24/2020 4:49	12/24/2020 14:32	Subtransmission	None	TIE 226		TREE
12/24/2020 4:28	12/24/2020 4:44	Subtransmission	None	TIE 226		TREE
12/24/2020 4:28	12/24/2020 6:07	Subtransmission	Distribution	TIE 226	1292	129328 TREE
12/24/2020 15:53	12/24/2020 22:21	Subtransmission	None	TIE 8511		TREE
12/24/2020 4:35	12/24/2020 12:30	Subtransmission	Distribution	TIE 8511	1	439 TREE
12/24/2020 4:48	12/24/2020 6:17	Subtransmission	Distribution	TIE 8511	45	3725 TREE
3/4/2021 5:39	3/4/2021 15:10	Subtransmission	None	TIE 3241		TREE
6/8/2021 16:17	6/8/2021 18:00	Subtransmission	Distribution	TRK 8215	867	82249 TREE
6/8/2021 17:04	6/8/2021 18:37	Subtransmission	None	TRK 8215		TREE
6/9/2021 17:06	6/9/2021 20:53	Subtransmission	None	TIE 1540		TREE
6/20/2021 23:18	6/22/2021 21:03	Subtransmission	None	TRK 2659		TREE
7/1/2021 0:09	7/1/2021 1:28	Subtransmission	Distribution	TIE 6147	2132	170928 TREE
7/1/2021 0:13	7/1/2021 3:44	Subtransmission	None	TIE 6147		TREE
7/1/2021 11:34	7/1/2021 18:31	Subtransmission	None	TIE 6147		TREE
7/1/2021 12:12	7/1/2021 20:58	Subtransmission	None	TIE 6147		TREE
7/6/2021 16:02	7/6/2021 16:43	Subtransmission	None	TRK 7062		TREE
7/6/2021 18:45	7/6/2021 22:40	Subtransmission	Distribution	TRK 7062	1250	226595 TREE
7/6/2021 19:36	7/6/2021 22:50	Subtransmission	Distribution	TRK 7062	678	132787 TREE
7/6/2021 19:37	7/6/2021 22:50	Subtransmission	Distribution	TRK 7062	89	17250 TREE
7/6/2021 19:57	7/7/2021 17:06	Subtransmission	None	TRK 7062		TREE
7/7/2021 15:21	7/8/2021 10:00	Subtransmission	Distribution	TIE 4509	436	191247 TREE
7/7/2021 15:06	7/9/2021 15:00	Subtransmission	Distribution	TRK 4405	307	969312 TREE
7/7/2021 17:05	7/7/2021 17:56	Subtransmission	None	TRK 4405		TREE
7/7/2021 15:06	7/8/2021 23:29	Subtransmission	Subtransmission	TRK 4405	453	878590 TREE
7/7/2021 9:51	7/8/2021 4:04	Subtransmission	Distribution	TRK 4405	184	642365 TREE
7/7/2021 15:05	7/8/2021 21:45	Subtransmission	Subtransmission	TRK 4405	377	680897 TREE
7/8/2021 4:39	7/8/2021 21:16	Subtransmission	None	TRK 7122		TREE
7/20/2021 21:39	7/23/2021 10:40	Subtransmission	None	TIE 1531		TREE
7/20/2021 20:07	7/20/2021 23:00	Subtransmission	Distribution	TIE 1531	2453	411979 TREE
7/20/2021 20:07	7/21/2021 6:30	Subtransmission	Distribution	TIE 1531	1179	700205 TREE
7/23/2021 7:01	7/23/2021 11:21	Subtransmission	None	TIE 8014		TREE
7/24/2021 19:38	7/26/2021 9:48	Subtransmission	Distribution	TIE 8014	793	329233 TREE
7/25/2021 15:21	7/26/2021 20:02	Subtransmission	None	TRK 7122		TREE
7/25/2021 17:28	7/25/2021 20:54	Subtransmission	None	TRK 7122		TREE
7/25/2021 17:20	7/25/2021 18:48	Subtransmission	None	TRK 7122		TREE
7/29/2021 5:01	7/30/2021 14:59	Subtransmission	None	TIE 3205		TREE
8/9/2021 20:30	8/10/2021 14:30	Subtransmission	Distribution	TRK 6759		TREE
8/9/2021 18:08	8/10/2021 19:29	Subtransmission	None	TRK 6759		TREE
8/9/2021 19:14	8/10/2021 17:31	Subtransmission	None	TRK 6759		TREE
8/9/2021 19:01	8/10/2021 5:57	Subtransmission	None	TRK 6759		TREE
8/9/2021 17:49	8/10/2021 19:15	Subtransmission	None	TRK 6759		TREE
8/9/2021 15:32	8/10/2021 17:43	Subtransmission	None	TRK 6759		TREE
8/9/2021 0:08	8/10/2021 0:31	Subtransmission	Subtransmission	TRK 6759	821	433757 TREE
8/11/2021 16:24	8/13/2021 4:00	Subtransmission	Distribution	TIE4105		TREE
8/11/2021 15:37	8/14/2021 22:30	Subtransmission	Distribution	TRK 1340	588	643066 TREE
8/11/2021 22:30	8/13/2021 11:18	Subtransmission	None	TRK 1340		TREE
8/11/2021 15:38	8/13/2021 15:30	Subtransmission	Distribution	TRK 1340	772	1173129 TREE
8/11/2021 15:31	8/14/2021 22:45	Subtransmission	Subtransmission	TRK 2035	523	2602822 TREE
8/11/2021 15:31	8/14/2021 20:30	Subtransmission	Distribution	TRK 2035	776	3271963 TREE
8/11/2021 22:27	8/13/2021 20:30	Subtransmission	None	TRK 2035		TREE
8/24/2021 21:57	8/25/2021 14:46	Subtransmission	Distribution	TRK 7062	580	581150 TREE
8/27/2021 18:00	8/29/2021 1:27	Subtransmission	Distribution	TIE 3206	131	115458 TREE
8/28/2021 4:05	8/29/2021 1:27	Subtransmission	Distribution	TIE 3206	379	311753 TREE
9/4/2021 11:38	9/7/2021 8:03	Subtransmission	None	TRK 565		TREE
9/7/2021 20:36	9/8/2021 18:00	Subtransmission	Distribution	TRK 1276	1674	316268 TREE
9/15/2021 1:07	9/15/2021 21:14	Subtransmission	None	TRK 2659		TREE
9/22/2021 17:20	9/23/2021 21:32	Subtransmission	Distribution	TIE 3402	969	2742772 TREE
9/22/2021 20:16	9/24/2021 20:11	Subtransmission	None	TIE4105		TREE
9/22/2021 19:48	9/24/2021 19:51	Subtransmission	None	TIE4105		TREE
9/22/2021 19:26	9/24/2021 19:30	Subtransmission	Distribution	TIE4105	547	636676 TREE

9/23/2021 8:59	9/23/2021 20:06	Subtransmission	None	TIE 3205		TREE
11/11/2021 14:44	11/12/2021 12:34	Subtransmission	None	TIE 6621		TREE
11/11/2021 14:48	11/11/2021 23:26	Subtransmission	None	TIE 6621		TREE
12/11/2021 14:36	12/13/2021 19:16	Subtransmission	None	TIE 4105		TREE
12/11/2021 12:56	12/11/2021 18:38	Subtransmission	None	TIE 4105		TREE
12/11/2021 10:11	12/11/2021 14:45	Subtransmission	None	TIE 8033		TREE
12/11/2021 9:58	12/11/2021 21:22	Subtransmission	None	TIE 8033		TREE
12/11/2021 9:53	12/11/2021 15:30	Subtransmission	Distribution	TIE 8033	808	314869 TREE
12/11/2021 12:48	12/12/2021 14:20	Subtransmission	Distribution	TIE 8033	358	542988 TREE
12/11/2021 10:42	12/11/2021 13:23	Subtransmission	None	TIE 8033		TREE
12/11/2021 10:49	12/13/2021 15:45	Subtransmission	Distribution	TIE 8033	86	273091 TREE
12/11/2021 9:58	12/11/2021 19:00	Subtransmission	Distribution	TIE 8033	163	73569 TREE
12/11/2021 10:08	12/13/2021 20:02	Subtransmission	None	TIE 8033		TREE
12/11/2021 10:58	12/12/2021 17:01	Subtransmission	None	TRK 2824		TREE
12/11/2021 11:56	12/12/2021 11:35	Subtransmission	Distribution	TRK 7062	89	124655 TREE
12/11/2021 12:09	12/13/2021 16:59	Subtransmission	None	TRK 7062		TREE
12/12/2021 9:02	12/13/2021 6:04	Subtransmission	None	TRK 2824		TREE
12/12/2021 8:52	12/12/2021 21:45	Subtransmission	None	TRK 7062		TREE
12/16/2021 14:25	12/16/2021 19:30	Subtransmission	Distribution	TIE 3705	1479	452124 TREE
12/16/2021 14:25	12/16/2021 20:00	Subtransmission	Distribution	TIE 3705	465	140642 TREE
12/19/2021 16:34	12/20/2021 11:54	Subtransmission	None	TIE 3705		TREE
12/20/2021 9:38	12/20/2021 20:45	Subtransmission	None	TIE 3705		TREE
3/2/2022 12:07	3/3/2022 16:30	Subtransmission	None	TRK 2411		TREE
3/6/2022 9:44	3/6/2022 17:16	Subtransmission	None	TIE 4708		TREE
3/6/2022 9:29	3/6/2022 17:00	Subtransmission	Distribution	TIE 4708	481	77233 TREE
3/31/2022 5:03	3/31/2022 15:58	Subtransmission	None	TIE 6931		TREE
3/31/2022 5:47	3/31/2022 13:25	Subtransmission	None	TIE 6931		TREE
4/15/2022 12:47	4/15/2022 21:17	Subtransmission	Distribution	TIE 9111	260	115132 TREE
4/15/2022 13:18	4/15/2022 21:13	Subtransmission	None	TIE 9111		TREE
4/15/2022 20:46	4/17/2022 21:00	Subtransmission	None	TIE 9111		TREE
4/15/2022 12:47	4/15/2022 21:16	Subtransmission	Distribution	TIE 9111	618	211124 TREE
4/15/2022 13:49	4/15/2022 21:17	Subtransmission	None	TIE 9111		TREE
4/21/2022 10:53	4/21/2022 20:39	Subtransmission	None	TIE 226		TREE
4/21/2022 10:50	4/21/2022 20:25	Subtransmission	None	TIE 226		TREE
5/4/2022 11:51	5/5/2022 10:08	Subtransmission	None	TIE 3205		TREE
5/4/2022 22:10	5/5/2022 1:20	Subtransmission	Distribution	TIE 3205	1944	361463 TREE
6/1/2022 12:51	6/2/2022 20:52	Subtransmission	None	TRK 2005		TREE
6/1/2022 22:43	6/2/2022 20:53	Subtransmission	None	TRK 2005		TREE
6/2/2022 9:03	6/2/2022 20:18	Subtransmission	None	TIE 2025		TREE
6/3/2022 7:56	6/3/2022 14:30	Subtransmission	None	TIE 2025		TREE
6/16/2022 8:19	6/16/2022 11:30	Subtransmission	Distribution	TRK 2806	1425	95620 TREE
6/16/2022 8:08	6/16/2022 10:23	Subtransmission	Distribution	TRK 2806	654	68990 TREE
6/16/2022 8:09	6/16/2022 10:23	Subtransmission	Distribution	TRK 2806	450	55980 TREE
6/16/2022 8:47	6/16/2022 13:37	Subtransmission	None	TRK 2806		TREE
6/18/2022 1:35	6/18/2022 2:19	Subtransmission	None	TRK 1232		TREE
6/18/2022 0:58	6/18/2022 20:56	Subtransmission	None	TRK 1232		TREE
6/18/2022 1:21	6/18/2022 3:09	Subtransmission	None	TRK 1232		TREE
6/18/2022 0:58	6/18/2022 20:54	Subtransmission	Distribution	TRK 1232	13	960 TREE
6/18/2022 0:58	6/18/2022 2:13	Subtransmission	Distribution	TRK 1232	746	55115 TREE
6/18/2022 1:20	6/18/2022 2:18	Subtransmission	None	TRK 1232		TREE
6/18/2022 0:58	6/18/2022 2:13	Subtransmission	Distribution	TRK 1232	1581	116851 TREE
6/18/2022 0:58	6/18/2022 20:54	Subtransmission	Distribution	TRK 1232	10	739 TREE
6/18/2022 0:58	6/18/2022 20:58	Subtransmission	Distribution	TRK 1232	12	883 TREE
6/18/2022 0:58	6/18/2022 20:54	Subtransmission	Distribution	TRK 1232	3	757 TREE
6/18/2022 0:58	6/18/2022 20:57	Subtransmission	None	TRK 1232		TREE
6/18/2022 1:10	6/18/2022 6:05	Subtransmission	None	TRK 1232		TREE
6/18/2022 0:58	6/18/2022 14:20	Subtransmission	Distribution	TRK 1232	245	90828 TREE
6/18/2022 1:18	6/18/2022 13:30	Subtransmission	Distribution	TRK 1232	423	157453 TREE
6/29/2022 23:52	6/30/2022 6:45	Subtransmission	Distribution	TRK 3508		TREE
6/29/2022 23:48	6/30/2022 4:30	Subtransmission	Distribution	TRK 3508		TREE
8/3/2022 18:24	8/4/2022 13:40	Subtransmission	Distribution	TIE 4523	666	768789 TREE
8/3/2022 18:27	8/4/2022 13:17	Subtransmission	None	TIE 4523		TREE
8/3/2022 18:19	8/4/2022 20:27	Subtransmission	Distribution	TRK 7114	1212	194468 TREE
8/3/2022 18:24	8/4/2022 21:33	Subtransmission	None	TRK 7114		TREE
8/3/2022 19:20	8/4/2022 14:10	Subtransmission	None	TRK 7114		TREE
8/11/2022 0:59	8/11/2022 14:17	Subtransmission	None	TIE 5843		TREE
8/29/2022 20:05	8/31/2022 7:43	Subtransmission	None	TIE 3203		TREE
8/29/2022 18:33	8/30/2022 19:30	Subtransmission	Distribution	TRK 4911	3096	4535609 TREE
8/29/2022 20:03	8/30/2022 15:46	Subtransmission	None	TRK 4911		TREE
9/1/2022 14:33	9/2/2022 17:51	Subtransmission	None	TRK 5513		TREE
9/21/2022 10:21	9/21/2022 20:50	Subtransmission	None	TIE 3203		TREE
9/21/2022 19:57	9/22/2022 16:23	Subtransmission	Distribution	TRK 7150	494	284173 TREE
9/22/2022 7:25	9/22/2022 16:38	Subtransmission	None	TRK 7150		TREE
9/22/2022 6:33	9/22/2022 16:23	Subtransmission	Distribution	TRK 7150	394	225182 TREE
9/22/2022 7:12	9/22/2022 16:38	Subtransmission	None	TRK 7150		TREE
9/22/2022 6:33	9/22/2022 16:00	Subtransmission	Distribution	TRK 7150	543	310384 TREE
9/22/2022 6:53	9/22/2022 16:38	Subtransmission	None	TRK 7150		TREE
9/22/2022 6:33	9/22/2022 16:23	Subtransmission	Distribution	TRK 7150	509	290923 TREE
9/22/2022 6:47	9/22/2022 9:25	Subtransmission	None	TRK 7150		TREE
9/22/2022 7:10	9/22/2022 17:14	Subtransmission	None	TRK 7150		TREE
9/22/2022 6:40	9/22/2022 16:45	Subtransmission	Distribution	TRK 7150	579	304818 TREE
9/25/2022 6:12	9/25/2022 10:21	Subtransmission	Distribution	TRK 3617	208	51269 TREE
9/25/2022 6:30	9/25/2022 11:46	Subtransmission	None	TRK 3617		TREE
12/3/2022 8:16	12/3/2022 19:25	Subtransmission	None	TIE 1467		TREE
2/7/2023 16:11	2/8/2023 7:41	Subtransmission		TRK 1251		TREE
2/7/2023 15:27	2/8/2023 17:12	Subtransmission		TRK 1251		TREE
2/15/2023 15:28	2/16/2023 20:07	Subtransmission		TIE 3245		TREE
2/15/2023 15:26	2/15/2023 21:36	Subtransmission	Subtransmission	TIE 810	378	75185 TREE
2/22/2023 18:25	2/24/2023 6:28	Subtransmission		TIE 1544		TREE
2/22/2023 18:44	2/26/2023 10:52	Subtransmission		TIE 1544		TREE
2/22/2023 18:14	2/22/2023 21:17	Subtransmission	Subtransmission	TIE 1544	10	18932 TREE
3/17/2023 13:51	3/17/2023 23:07	Subtransmission	Circuit Level	TRK 2002	591	235575 TREE
3/25/2023 18:47	3/26/2023 16:31	Subtransmission		TRK 2806		TREE
5/19/2023 23:16	5/20/2023 19:21	Subtransmission		TIE 4501		TREE
5/19/2023 23:11	5/20/2023 19:00	Subtransmission		TIE 4501		TREE
5/19/2023 23:13	5/20/2023 17:13	Subtransmission		TIE 4501	1	338 TREE
5/19/2023 23:11	5/20/2023 17:14	Subtransmission	Circuit Level	TIE 4501	195	82820 TREE
5/19/2023 23:07	5/20/2023 5:20	Subtransmission	Device (II)	TIE 4501	20	6829 TREE
5/19/2023 23:07	5/20/2023 5:20	Subtransmission	Device (II)	TIE 4501	67	22645 TREE
5/19/2023 23:07	5/20/2023 5:20	Subtransmission	Device (II)	TIE 4501	42	17137 TREE
5/19/2023 23:07	5/20/2023 5:28	Subtransmission	Device (II)	TIE 4501		TREE
5/19/2023 23:11	5/20/2023 5:20	Subtransmission	Device (II)	TIE 4501	26	8788 TREE
5/19/2023 23:13	5/20/2023 5:28	Subtransmission	Single Customer	TIE 4501	1	338 TREE
5/19/2023 23:07	5/21/2023 11:02	Subtransmission	Subtransmission	TIE 4501	357	48804 TREE
5/20/2023 3:07	5/20/2023 5:21	Subtransmission	Single Customer	TIE 4501	1	338 TREE

5/30/2023 21:55	5/31/2023 6:44	Subtransmission	Subtransmission	TIE 4501	2	140	TREE
5/30/2023 1:50	5/30/2023 21:43	Subtransmission	Circuit Level	TIE 4501	5	3094	TREE
5/30/2023 16:09	5/30/2023 18:11	Subtransmission	Device (I)	TIE 4501			TREE
5/30/2023 17:58	5/30/2023 20:55	Subtransmission	Device (I)	TIE 4501	28	18351	TREE
5/30/2023 16:07	5/30/2023 20:56	Subtransmission	Service Secondary	TIE 4501			TREE
5/30/2023 16:26	5/31/2023 8:43	Subtransmission	Service Secondary	TIE 4501	2	1066	TREE
5/30/2023 17:41	5/30/2023 20:55	Subtransmission	Service Secondary	TIE 4501			TREE
5/30/2023 21:02	5/31/2023 11:06	Subtransmission	Service Secondary	TIE 4501	1	534	TREE
5/30/2023 15:29	5/30/2023 18:36	Subtransmission	Single Customer	TIE 4501			TREE
5/30/2023 16:19	5/31/2023 2:10	Subtransmission	Single Customer	TIE 4501			TREE
5/30/2023 17:11	5/30/2023 20:55	Subtransmission	Single Customer	TIE 4501			TREE
5/30/2023 21:10	5/31/2023 10:03	Subtransmission	Single Customer	TIE 4501			TREE
5/30/2023 21:34	5/31/2023 10:04	Subtransmission	Single Customer	TIE 4501			TREE
5/30/2023 20:30	5/31/2023 2:33	Subtransmission	Subtransmission	TIE 4501	646	555168	TREE
5/30/2023 10:20	5/30/2023 22:44	Subtransmission	Device (II)	TIE 4501			TREE
6/25/2023 18:35	6/26/2023 10:35	Subtransmission		TIE 4501			TREE
7/20/2023 15:22	7/21/2023 8:28	Subtransmission	Subtransmission	TIE 9303	4558	2769524	TREE
7/20/2023 18:26	7/24/2023 15:57	Subtransmission		TIE 9303			TREE
7/20/2023 15:47	7/21/2023 7:42	Subtransmission		TIE 9303			TREE
7/20/2023 15:49	7/21/2023 7:42	Subtransmission		TIE 9303			TREE
7/26/2023 15:30	7/27/2023 22:13	Subtransmission	Device (II)	TIE 4501			TREE
7/26/2023 15:06	7/27/2023 21:04	Subtransmission	Subtransmission	TIE 5513	416	738237	TREE
7/26/2023 16:05	7/28/2023 16:58	Subtransmission	TRK 1340				TREE
7/26/2023 16:07	7/28/2023 13:54	Subtransmission	TRK 4338				TREE
7/26/2023 15:42	7/27/2023 21:07	Subtransmission	Device (II)	TIE 4501			TREE
7/26/2023 17:11	7/27/2023 22:47	Subtransmission		TIE 4501			TREE
7/26/2023 15:41	7/27/2023 22:13	Subtransmission	Device (II)	TIE 4501			TREE
7/26/2023 16:11	7/28/2023 17:07	Subtransmission		TIE 4501			TREE
7/26/2023 22:21	7/28/2023 20:56	Subtransmission		TIE 7430			TREE
7/26/2023 16:09	7/28/2023 11:15	Subtransmission	Subtransmission	TRK 1303	1594	1871969	TREE
7/26/2023 16:09	7/28/2023 14:16	Subtransmission	Circuit Level	TRK 1303	1228	3437160	TREE
7/26/2023 16:06	7/28/2023 17:06	Subtransmission		TRK 1303			TREE
7/26/2023 16:11	7/29/2023 22:30	Subtransmission		TRK 1340			TREE
7/26/2023 19:24	7/28/2023 20:31	Subtransmission		TRK 4338			TREE
7/27/2023 19:44	7/28/2023 12:01	Subtransmission		TIE 5513			TREE
7/27/2023 6:57	7/28/2023 13:30	Subtransmission	Service Transformer	TRK 1303			TREE
7/27/2023 17:01	7/28/2023 15:13	Subtransmission		TRK 1303			TREE
8/14/2023 16:02	8/15/2023 5:08	Subtransmission		TIE 3209			TREE
8/14/2023 15:56	8/14/2023 19:55	Subtransmission	Subtransmission	TIE 3209	1262	179028	TREE
8/18/2023 14:17	8/18/2023 15:40	Subtransmission		TIE 2819			TREE
8/18/2023 15:40	9/13/2023 7:01	Subtransmission		TIE 2819			TREE
8/18/2023 11:01	8/18/2023 20:00	Subtransmission	Subtransmission	TIE 4105	1851	537984	TREE
8/18/2023 11:28	8/18/2023 22:02	Subtransmission	Service Transformer	TIE 4105	5	1066	TREE
8/18/2023 11:39	8/18/2023 20:35	Subtransmission		TIE 4105			TREE
8/18/2023 12:08	8/18/2023 19:57	Subtransmission		TIE 4105			TREE
8/18/2023 11:27	8/18/2023 22:03	Subtransmission	Service Transformer	TIE 4105	12	2560	TREE
8/24/2023 22:15	8/26/2023 11:50	Subtransmission		TIE 5829			TREE
8/24/2023 2:45	8/27/2023 17:30	Subtransmission	Circuit Level	TIE 5843	703	2076932	TREE
8/24/2023 22:02	8/29/2023 21:35	Subtransmission	Device (I)	TIE 5843	5	34812	TREE
8/24/2023 22:22	8/25/2023 21:29	Subtransmission		TIE 5843			TREE
8/24/2023 3:44	8/26/2023 9:31	Subtransmission		TIE 6147			TREE
8/24/2023 21:54	8/26/2023 9:11	Subtransmission	Subtransmission	TIE 6147	5630	4664028	TREE
8/24/2023 3:32	8/25/2023 8:44	Subtransmission	Circuit Level	TIE 6147	1	585	TREE
8/24/2023 22:10	8/26/2023 9:03	Subtransmission		TIE 6147			TREE
8/24/2023 22:07	8/26/2023 9:31	Subtransmission		TIE 8014			TREE
8/24/2023 14:26	8/26/2023 7:40	Subtransmission	Subtransmission	TRK 8407			TREE
8/29/2023 1:45	8/30/2023 15:44	Subtransmission		TIE 5208			TREE
8/29/2023 1:46	8/30/2023 16:01	Subtransmission		TIE 6138			TREE
11/21/2023 0:14	11/21/2023 13:56	Subtransmission		TRK 8407			TREE
8/3/2022 18:22	8/4/2022 18:55	Subtransmission	None	TRK 7114			WIND
2/15/2023 10:14	2/16/2023 22:58	Subtransmission		TRK 4316			WIND
2/21/2023 18:28	2/22/2023 4:29	Subtransmission		TRK 3511			WIND
2/22/2023 22:41	2/25/2023 7:41	Subtransmission		TIE 5208			WIND
2/22/2023 21:23	2/25/2023 7:58	Subtransmission		TRK 2035			WIND
2/22/2023 21:47	2/25/2023 7:53	Subtransmission		TRK 2806			WIND
2/22/2023 21:49	2/25/2023 7:38	Subtransmission		TRK 2812			WIND
2/24/2023 13:10	2/25/2023 7:58	Subtransmission		TRK 1470			WIND
2/24/2023 23:17	2/25/2023 7:57	Subtransmission		TRK 3632			WIND
2/27/2023 15:23	3/2/2023 11:01	Subtransmission		TIE 3205			WIND
3/5/2023 15:59	3/5/2023 23:49	Subtransmission	Substation	TRK 463			WIND
3/25/2023 15:11	3/26/2023 14:13	Subtransmission		TRK 1403			WIND
8/1/2021 9:42	8/1/2021 11:01	Subtransmission	Distribution	TRK 3417	679	54744	ANIMAL
3/27/2022 21:47	3/27/2022 21:53	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:43	3/27/2022 16:22	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:42	3/27/2022 16:22	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:42	3/27/2022 17:43	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:39	3/27/2022 18:30	Subtransmission	Distribution	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:39	3/27/2022 17:00	Subtransmission	Distribution	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:47	3/27/2022 17:42	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:48	3/27/2022 17:43	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 16:19	3/27/2022 22:14	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:51	3/28/2022 2:41	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 16:01	3/27/2022 17:44	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2022 14:50	3/27/2022 17:43	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
6/28/2020 6:05	6/28/2020 11:18	Subtransmission	Distribution	TRK 416	171	20224	ANIMAL
7/15/2018 18:47	7/15/2018 20:36	Subtransmission	Distribution	TRK 2806	465	50303	EQUIPMENT FAILURE
7/15/2018 18:46	7/15/2018 20:44	Subtransmission	Distribution	TRK 2806	2925	332550	EQUIPMENT FAILURE
7/15/2018 21:03	7/18/2018 6:59	Subtransmission	None	TRK 2806			EQUIPMENT FAILURE
8/23/2018 9:32	8/23/2018 21:44	Subtransmission	None	TRK 6759			EQUIPMENT FAILURE
9/20/2018 10:40	9/20/2018 15:56	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
9/20/2018 15:39	9/20/2018 18:21	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
1/21/2019 8:23	1/21/2019 15:55	Subtransmission	None	TRK 3508			EQUIPMENT FAILURE
1/24/2019 1:19	1/25/2019 14:55	Subtransmission	None	TRK 3508			EQUIPMENT FAILURE
4/30/2019 9:13	4/30/2019 10:45	Subtransmission	Distribution	TIE 6931	1535	242436	EQUIPMENT FAILURE
4/30/2019 9:13	4/30/2019 10:46	Subtransmission	Distribution	TIE 6931	2426	225640	EQUIPMENT FAILURE
5/24/2020 14:02	5/24/2020 21:34	Subtransmission	None	TRK 4227			EQUIPMENT FAILURE
6/9/2020 20:36	6/11/2020 3:06	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
6/9/2020 20:20	6/9/2020 21:06	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
6/9/2020 20:29	6/9/2020 21:45	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	559	26482	EQUIPMENT FAILURE
6/28/2020 19:05	6/28/2020 23:09	Subtransmission	Distribution	TRK 2237	350	13133	EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	932	44726	EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	823	38940	EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	641	79340	EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	879	41671	EQUIPMENT FAILURE

6/28/2020 15:12	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	1191	56827	EQUIPMENT FAILURE
6/28/2020 19:02	6/28/2020 20:00	Subtransmission	Distribution	TRK 2237	1073	50850	EQUIPMENT FAILURE
7/2/2020 22:37	7/3/2020 1:11	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
7/2/2020 19:14	7/3/2020 5:55	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
7/2/2020 18:54	7/3/2020 5:37	Subtransmission	Distribution	TRK 2305	1	618	EQUIPMENT FAILURE
7/2/2020 18:42	7/3/2020 5:07	Subtransmission	Distribution	TRK 2305	1	611	EQUIPMENT FAILURE
7/2/2020 19:08	7/3/2020 1:10	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
7/3/2020 8:42	7/4/2020 11:02	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE
7/13/2020 9:51	7/13/2020 13:17	Subtransmission	None	TRK 7150			EQUIPMENT FAILURE
11/22/2020 18:05	11/23/2020 15:19	Subtransmission	None	TRK 1444			EQUIPMENT FAILURE
11/23/2020 1:57	11/23/2020 11:08	Subtransmission	Distribution	TRK 1444	24	11961	EQUIPMENT FAILURE
11/24/2020 19:30	11/25/2020 14:42	Subtransmission	None	TRK 1444			EQUIPMENT FAILURE
5/7/2021 2:54	5/7/2021 5:05	Subtransmission	Subtransmission	TIE 7733	79	10053	EQUIPMENT FAILURE
7/29/2020 15:18	7/30/2020 0:15	Subtransmission	Distribution	TRK 1303	1225	179615	TREE
7/29/2020 15:44	7/30/2020 4:48	Subtransmission	None	TRK 1303			TREE
7/29/2020 15:52	7/30/2020 10:00	Subtransmission	Distribution	TRK 1303	4	4253	TREE
10/23/2020 15:40	10/23/2020 21:34	Subtransmission	None	TIE 9111			ANIMAL
7/20/2021 8:28	7/20/2021 16:32	Subtransmission	None	TRK 2038			ANIMAL
1/3/2018 10:00	1/3/2018 15:21	Subtransmission	None	TRK 1225			EQUIPMENT FAILURE
1/4/2018 10:30	1/4/2018 21:20	Subtransmission	None	TRK 7913			EQUIPMENT FAILURE
1/11/2018 9:43	1/11/2018 17:46	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
1/21/2018 21:17	1/21/2018 22:09	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
1/31/2018 15:10	1/31/2018 20:22	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
2/15/2018 5:40	2/15/2018 10:29	Subtransmission	None	TIE 201			EQUIPMENT FAILURE
2/17/2018 23:00	2/18/2018 1:16	Subtransmission	None	TRK 3632			EQUIPMENT FAILURE
2/20/2018 9:40	2/20/2018 12:09	Subtransmission	None	TIE 3842			EQUIPMENT FAILURE
2/22/2018 11:54	2/22/2018 14:51	Subtransmission	None	TRK 0359			EQUIPMENT FAILURE
3/10/2018 11:50	3/10/2018 19:35	Subtransmission	None	TRK 6938			EQUIPMENT FAILURE
3/10/2018 11:55	3/10/2018 23:28	Subtransmission	None	TRK 6938			EQUIPMENT FAILURE
3/28/2018 0:59	3/28/2018 2:26	Subtransmission	Subtransmission	TRK 465	362	31960	EQUIPMENT FAILURE
3/28/2018 0:59	3/28/2018 2:26	Subtransmission	Subtransmission	TRK 465	358	31586	EQUIPMENT FAILURE
3/28/2018 0:58	3/28/2018 2:26	Subtransmission	Subtransmission	TRK 465	38	3341	EQUIPMENT FAILURE
3/28/2018 0:58	3/28/2018 2:26	Subtransmission	Subtransmission	TRK 465	1183	104727	EQUIPMENT FAILURE
3/28/2018 0:59	3/28/2018 2:26	Subtransmission	Subtransmission	TRK 465	281	24803	EQUIPMENT FAILURE
3/30/2018 9:11	3/30/2018 15:28	Subtransmission	None	TRK 4962			EQUIPMENT FAILURE
4/4/2018 11:31	4/5/2018 7:12	Subtransmission	None	TIE 3203			EQUIPMENT FAILURE
4/14/2018 16:58	4/14/2018 21:21	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
4/15/2018 13:33	4/16/2018 20:01	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
4/24/2018 14:52	5/7/2018 16:49	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
5/3/2018 3:58	5/3/2018 13:41	Subtransmission	None	TRK 1473			EQUIPMENT FAILURE
5/4/2018 13:27	5/9/2018 20:35	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
5/4/2018 13:54	5/9/2018 14:52	Subtransmission	None	TRK 2648			EQUIPMENT FAILURE
5/5/2018 7:36	5/8/2018 15:11	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
5/19/2018 19:03	5/20/2018 18:34	Subtransmission	None	TRK 1563			EQUIPMENT FAILURE
5/25/2018 15:48	5/27/2018 10:01	Subtransmission	None	TIE 4412			EQUIPMENT FAILURE
6/4/2018 13:49	6/5/2018 0:24	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
6/7/2018 18:03	6/8/2018 4:48	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
6/16/2018 6:24	6/16/2018 17:37	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
7/9/2018 9:18	7/9/2018 12:10	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
7/15/2018 20:51	7/16/2018 17:34	Subtransmission	None	TRK 2439			EQUIPMENT FAILURE
7/17/2018 9:06	7/17/2018 21:15	Subtransmission	None	TRK 4405			EQUIPMENT FAILURE
7/20/2018 13:31	7/20/2018 19:26	Subtransmission	None	TIE 7504			EQUIPMENT FAILURE
7/26/2018 8:49	7/26/2018 8:56	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
7/26/2018 14:28	7/26/2018 16:19	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
7/27/2018 10:28	7/27/2018 19:41	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
7/29/2018 15:36	7/30/2018 1:45	Subtransmission	None	TRK 7130			EQUIPMENT FAILURE
8/8/2018 3:38	8/8/2018 14:00	Subtransmission	Distribution	TIE 3402	299	179773	EQUIPMENT FAILURE
8/8/2018 3:43	8/8/2018 16:45	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
8/8/2018 3:48	8/8/2018 14:00	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
8/8/2018 9:05	8/8/2018 21:00	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
8/8/2018 2:14	8/8/2018 16:13	Subtransmission	None	TRK 3632			EQUIPMENT FAILURE
8/19/2018 13:36	8/19/2018 20:50	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/29/2018 7:08	8/29/2018 20:08	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
9/3/2018 7:27	9/4/2018 0:49	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
9/7/2018 9:36	10/1/2018 5:20	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/8/2018 13:21	9/8/2018 14:20	Subtransmission	None	TRK 5404			EQUIPMENT FAILURE
9/10/2018 10:12	9/10/2018 17:49	Subtransmission	None	TIE 5526			EQUIPMENT FAILURE
9/10/2018 10:00	9/10/2018 17:46	Subtransmission	None	TIE 5526			EQUIPMENT FAILURE
9/20/2018 9:44	9/20/2018 22:58	Subtransmission	None	TRK 5239			EQUIPMENT FAILURE
9/21/2018 19:37	9/23/2018 11:14	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
10/1/2018 15:16	10/1/2018 18:06	Subtransmission	None	TIE 9211			EQUIPMENT FAILURE
10/10/2018 19:54	10/11/2018 6:23	Subtransmission	None	TRK 6508			EQUIPMENT FAILURE
10/25/2018 20:57	10/26/2018 21:02	Subtransmission	None	TRK 6759			EQUIPMENT FAILURE
11/6/2018 23:26	11/7/2018 12:07	Subtransmission	None	TRK 2227			EQUIPMENT FAILURE
12/12/2018 11:46	12/12/2018 16:57	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
12/20/2018 0:24	12/20/2018 5:00	Subtransmission	Distribution	TIE 4104	1027	277941	EQUIPMENT FAILURE
12/20/2018 0:42	12/20/2018 7:30	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
12/20/2018 0:24	12/20/2018 5:00	Subtransmission	Distribution	TIE 4104	1097	299611	EQUIPMENT FAILURE
12/20/2018 0:43	12/28/2018 19:56	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
12/20/2018 0:41	12/20/2018 6:33	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
12/20/2018 0:56	12/20/2018 9:18	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
12/23/2018 10:55	12/23/2018 15:19	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
1/14/2019 9:14	1/14/2019 19:14	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/18/2019 12:06	1/18/2019 19:16	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/19/2019 2:05	1/19/2019 15:48	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
2/2/2019 13:38	2/2/2019 21:20	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
2/4/2019 20:39	2/5/2019 21:09	Subtransmission	None	TIE 5843			EQUIPMENT FAILURE
2/18/2019 11:28	2/18/2019 23:31	Subtransmission	None	TIE 9211			EQUIPMENT FAILURE
2/24/2019 9:58	2/24/2019 20:34	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
3/6/2019 13:40	3/6/2019 18:02	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
4/11/2019 12:23	4/11/2019 21:04	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
4/19/2019 7:44	4/19/2019 9:18	Subtransmission	None	TIE 4501			EQUIPMENT FAILURE
4/24/2019 12:41	4/26/2019 13:03	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
4/30/2019 2:28	5/1/2019 13:21	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
5/21/2019 20:07	5/22/2019 0:03	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
5/24/2019 14:54	5/24/2019 20:51	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
6/1/2019 22:19	6/2/2019 13:15	Subtransmission	Distribution	TIE 5829	53	14508	EQUIPMENT FAILURE
6/2/2019 10:15	6/2/2019 14:29	Subtransmission	None	TIE 5829			EQUIPMENT FAILURE
6/3/2019 12:26	6/3/2019 23:54	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
6/4/2019 16:04	6/5/2019 16:32	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
6/15/2019 16:20	6/16/2019 19:25	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
6/15/2019 16:20	6/16/2019 19:25	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
7/21/2019 7:17	7/22/2019 20:39	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
7/21/2019 16:17	7/24/2019 16:31	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
7/22/2019 0:43	7/24/2019 16:29	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE

7/28/2019 15:16	7/28/2019 21:15	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
7/29/2019 16:21	7/30/2019 6:10	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
7/29/2019 15:40	7/29/2019 17:40	Subtransmission	Distribution	TIE 4708	586	69766	EQUIPMENT FAILURE
7/29/2019 15:40	7/29/2019 19:00	Subtransmission	Distribution	TIE 4708	3043	363530	EQUIPMENT FAILURE
7/30/2019 12:28	7/30/2019 16:21	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
8/7/2019 13:23	8/7/2019 20:31	Subtransmission	None	TRK 8215			EQUIPMENT FAILURE
8/8/2019 5:18	8/8/2019 20:32	Subtransmission	Distribution	TIE 9111	439	146393	EQUIPMENT FAILURE
8/8/2019 5:18	8/8/2019 20:30	Subtransmission	Distribution	TIE 9111	296	153803	EQUIPMENT FAILURE
8/14/2019 0:58	8/14/2019 3:09	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/18/2019 16:31	8/19/2019 20:14	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
8/19/2019 4:40	8/19/2019 11:23	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
8/26/2019 17:40	8/27/2019 5:50	Subtransmission	None	TRK 3557			EQUIPMENT FAILURE
8/29/2019 23:51	8/30/2019 1:12	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
8/29/2019 23:13	8/30/2019 1:51	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
8/29/2019 23:32	8/30/2019 12:45	Subtransmission	None	TRK 830			EQUIPMENT FAILURE
8/30/2019 0:38	8/30/2019 16:39	Subtransmission	None	TIE 817			EQUIPMENT FAILURE
9/25/2019 10:15	9/26/2019 19:11	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
9/28/2019 8:25	9/28/2019 17:17	Subtransmission	None	TIE 4523			EQUIPMENT FAILURE
9/28/2019 0:31	9/28/2019 6:20	Subtransmission	Distribution	TRK 1555	1388	488566	EQUIPMENT FAILURE
9/28/2019 0:53	9/28/2019 9:09	Subtransmission	None	TRK 1555			EQUIPMENT FAILURE
10/2/2019 3:16	10/2/2019 6:18	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
10/2/2019 3:14	10/2/2019 17:26	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
10/2/2019 9:56	10/2/2019 18:13	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
10/12/2019 0:10	10/12/2019 14:05	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
10/12/2019 0:12	10/12/2019 13:37	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
10/21/2019 16:47	10/22/2019 0:10	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
10/27/2019 4:11	10/27/2019 15:22	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
10/28/2019 18:15	10/29/2019 5:30	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
11/28/2019 9:25	11/29/2019 17:46	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
12/29/2019 23:37	12/30/2019 21:11	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
12/29/2019 8:00	12/30/2019 13:07	Subtransmission	None	TRK 2659			EQUIPMENT FAILURE
2/11/2020 19:17	2/12/2020 5:52	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
2/11/2020 19:03	2/12/2020 5:51	Subtransmission	None	TRK 7324			EQUIPMENT FAILURE
3/6/2020 10:55	3/6/2020 19:48	Subtransmission	None	TRK 5917			EQUIPMENT FAILURE
3/6/2020 10:18	3/6/2020 14:56	Subtransmission	Distribution	TRK 5917	22	6366	EQUIPMENT FAILURE
3/10/2020 9:37	3/10/2020 20:35	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
3/10/2020 5:33	3/10/2020 16:49	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
3/10/2020 2:27	3/10/2020 5:43	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
3/14/2020 15:19	3/15/2020 14:46	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
3/15/2020 13:10	3/18/2020 3:50	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
3/15/2020 14:00	3/15/2020 20:30	Subtransmission	Distribution	TIE 4105	108	1577	EQUIPMENT FAILURE
3/21/2020 0:43	3/21/2020 14:33	Subtransmission	None	TRK 7104			EQUIPMENT FAILURE
3/21/2020 9:03	3/21/2020 12:29	Subtransmission	Distribution	TRK 7104	383	18617	EQUIPMENT FAILURE
3/21/2020 16:07	3/21/2020 17:07	Subtransmission	None	TRK 7104			EQUIPMENT FAILURE
4/2/2020 14:43	4/3/2020 6:52	Subtransmission	None	TIE 1544			EQUIPMENT FAILURE
4/3/2020 10:04	4/3/2020 14:12	Subtransmission	None	TIE 1544			EQUIPMENT FAILURE
4/20/2020 20:56	4/21/2020 0:01	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
4/20/2020 20:57	4/20/2020 21:12	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
4/20/2020 21:02	4/21/2020 5:07	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
4/23/2020 16:43	4/23/2020 23:20	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
4/29/2020 12:34	4/29/2020 15:31	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
4/29/2020 11:02	4/29/2020 14:20	Subtransmission	Distribution	TRK 2840			EQUIPMENT FAILURE
4/29/2020 12:28	4/29/2020 13:53	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
4/29/2020 19:02	4/30/2020 13:04	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
4/29/2020 12:34	4/30/2020 10:10	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
5/8/2020 11:02	5/8/2020 15:42	Subtransmission	None	TRK 7035			EQUIPMENT FAILURE
5/12/2020 13:01	5/12/2020 14:33	Subtransmission	None	TIE 3416			EQUIPMENT FAILURE
5/16/2020 2:10	5/16/2020 4:13	Subtransmission	Substation	TIE 4104	108	13174	EQUIPMENT FAILURE
5/16/2020 2:09	5/16/2020 3:33	Subtransmission	Subtransmission	TIE 4104	1095	91992	EQUIPMENT FAILURE
5/16/2020 2:29	5/16/2020 18:42	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
5/20/2020 14:43	5/20/2020 17:00	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
5/22/2020 11:22	5/22/2020 16:34	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
5/22/2020 13:53	5/22/2020 21:06	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
6/11/2020 23:02	6/16/2020 5:17	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
6/11/2020 21:54	6/12/2020 19:28	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
6/12/2020 18:13	6/12/2020 19:09	Subtransmission	None	TIE 7621			EQUIPMENT FAILURE
6/13/2020 13:02	6/16/2020 14:22	Subtransmission	None	TRK 7717			EQUIPMENT FAILURE
6/23/2020 10:05	6/24/2020 2:48	Subtransmission	None	TRK 2636			EQUIPMENT FAILURE
6/23/2020 5:45	6/26/2020 20:49	Subtransmission	None	TRK 2636			EQUIPMENT FAILURE
6/23/2020 5:48	6/23/2020 13:18	Subtransmission	None	TRK 2636			EQUIPMENT FAILURE
6/27/2020 7:04	6/27/2020 18:00	Subtransmission	Distribution	TRK 2931	530	100007	EQUIPMENT FAILURE
6/27/2020 8:28	6/27/2020 20:27	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
6/27/2020 7:08	6/27/2020 9:00	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
6/27/2020 7:38	6/27/2020 17:45	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
6/27/2020 0:09	6/27/2020 19:30	Subtransmission	Distribution	TRK 2931	2980	2036375	EQUIPMENT FAILURE
7/7/2020 13:03	7/9/2020 17:39	Subtransmission	None	TRK 1243			EQUIPMENT FAILURE
7/10/2020 15:33	7/10/2020 20:15	Subtransmission	Distribution	TRK 7062	5	209	EQUIPMENT FAILURE
7/10/2020 15:08	7/11/2020 19:59	Subtransmission	Distribution	TRK 7062	124	154745	EQUIPMENT FAILURE
7/10/2020 14:41	7/10/2020 16:21	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:59	7/10/2020 16:06	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:58	7/10/2020 16:05	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:57	7/10/2020 16:05	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 15:36	7/10/2020 20:15	Subtransmission	Distribution	TRK 7062	3	94	EQUIPMENT FAILURE
7/10/2020 15:40	7/10/2020 20:15	Subtransmission	Distribution	TRK 7062	5	220	EQUIPMENT FAILURE
7/10/2020 16:45	7/10/2020 20:15	Subtransmission	Distribution	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:59	7/10/2020 19:05	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:56	7/10/2020 15:06	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:56	7/10/2020 16:05	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 14:56	7/10/2020 15:06	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/10/2020 15:27	7/10/2020 22:41	Subtransmission	Distribution	TRK 7062	688	268060	EQUIPMENT FAILURE
7/10/2020 15:27	7/10/2020 21:59	Subtransmission	Distribution	TRK 7062	90	34244	EQUIPMENT FAILURE
7/10/2020 16:37	7/11/2020 16:00	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
7/21/2020 7:03	7/21/2020 12:05	Subtransmission	Subtransmission	TIE 3800	804	260177	EQUIPMENT FAILURE
7/21/2020 7:02	7/21/2020 12:05	Subtransmission	Subtransmission	TIE 3800	1088	351092	EQUIPMENT FAILURE
7/21/2020 7:15	7/21/2020 16:22	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
7/28/2020 9:36	7/28/2020 19:27	Subtransmission	None	TRK 462			EQUIPMENT FAILURE
8/9/2020 19:31	8/10/2020 0:37	Subtransmission	None	TIE 3318			EQUIPMENT FAILURE
8/16/2020 10:24	8/21/2020 22:32	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
8/17/2020 14:01	8/19/2020 11:01	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
8/18/2020 12:32	8/18/2020 18:21	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
8/28/2020 7:30	8/29/2020 19:05	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
8/29/2020 22:31	8/30/2020 19:16	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
8/29/2020 22:30	8/30/2020 19:16	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
9/7/2020 3:08	9/7/2020 7:46	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
9/7/2020 3:03	9/8/2020 5:13	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE

11/1/2020 11:55	11/1/2020 21:20	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
11/13/2020 7:33	11/13/2020 10:43	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
11/13/2020 11:51	11/14/2020 20:04	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
11/13/2020 7:24	11/14/2020 1:01	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
11/15/2020 12:07	11/18/2020 20:00	Subtransmission	Distribution	TIE 1473	116	317176	EQUIPMENT FAILURE
11/15/2020 12:48	11/15/2020 16:00	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
11/16/2020 1:52	11/17/2020 15:51	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
11/25/2020 13:43	12/2/2020 9:20	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
12/24/2020 3:06	12/24/2020 4:31	Subtransmission	Subtransmission	TRK 6304	599	47975	EQUIPMENT FAILURE
12/24/2020 3:14	12/24/2020 17:59	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
1/22/2021 8:34	1/22/2021 14:40	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
2/4/2021 12:10	2/4/2021 18:22	Subtransmission	None	TIE 4501			EQUIPMENT FAILURE
2/17/2021 11:15	2/17/2021 14:40	Subtransmission	None	TRK 1134			EQUIPMENT FAILURE
3/11/2021 9:28	3/11/2021 18:40	Subtransmission	None	TIE 3416			EQUIPMENT FAILURE
3/18/2021 15:58	3/19/2021 19:00	Subtransmission	None	TIE 7702			EQUIPMENT FAILURE
3/24/2021 10:22	3/24/2021 21:11	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
3/28/2021 14:49	3/28/2021 15:40	Subtransmission	Distribution	TIE 3417	607	25514	EQUIPMENT FAILURE
3/28/2021 14:48	3/28/2021 15:40	Subtransmission	Distribution	TIE 3417	180	7103	EQUIPMENT FAILURE
3/28/2021 14:21	3/28/2021 16:20	Subtransmission	Distribution	TIE 3417	617	50571	EQUIPMENT FAILURE
4/29/2021 16:10	4/29/2021 22:38	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
4/29/2021 18:36	4/30/2021 3:20	Subtransmission	None	TRK 7913			EQUIPMENT FAILURE
5/24/2021 0:49	5/24/2021 16:42	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
5/26/2021 9:15	5/26/2021 21:02	Subtransmission	None	TRK 2255			EQUIPMENT FAILURE
5/28/2021 13:50	5/28/2021 15:10	Subtransmission	Distribution	TIE 3822	51	3835	EQUIPMENT FAILURE
5/28/2021 14:04	5/28/2021 15:22	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
5/28/2021 14:28	5/28/2021 15:22	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
5/28/2021 14:12	5/29/2021 7:05	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
6/12/2021 20:41	6/13/2021 15:13	Subtransmission	None	TIE 4523			EQUIPMENT FAILURE
6/16/2021 13:55	6/16/2021 15:13	Subtransmission	None	TIE 9123			EQUIPMENT FAILURE
6/16/2021 15:06	6/17/2021 5:04	Subtransmission	None	TRK 1229			EQUIPMENT FAILURE
6/28/2021 5:46	6/28/2021 13:04	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
6/28/2021 5:46	6/28/2021 13:04	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
6/28/2021 5:58	6/28/2021 9:09	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
6/28/2021 5:51	6/28/2021 15:37	Subtransmission	None	TRK 2840			EQUIPMENT FAILURE
6/29/2021 19:51	6/30/2021 13:00	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
6/29/2021 16:13	6/29/2021 20:04	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
7/7/2021 17:16	7/8/2021 13:57	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
7/8/2021 15:25	7/9/2021 14:11	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
7/21/2021 11:22	7/21/2021 13:56	Subtransmission	None	TIE 3800			EQUIPMENT FAILURE
8/3/2021 10:13	8/4/2021 1:32	Subtransmission	None	TRK 6172			EQUIPMENT FAILURE
8/12/2021 15:35	8/16/2021 13:09	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
8/12/2021 11:06	8/13/2021 16:43	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
9/1/2021 11:11	9/1/2021 23:06	Subtransmission	None	TIE 807			EQUIPMENT FAILURE
9/30/2021 10:21	9/30/2021 12:38	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
10/3/2021 13:26	10/3/2021 14:46	Subtransmission	None	TRK 6172			EQUIPMENT FAILURE
10/5/2021 17:52	10/6/2021 12:45	Subtransmission	None	TRK 7035			EQUIPMENT FAILURE
10/14/2021 11:11	10/14/2021 15:06	Subtransmission	None	TRK 1518			EQUIPMENT FAILURE
11/30/2021 12:56	11/30/2021 16:01	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
11/30/2021 10:32	11/30/2021 12:41	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
12/5/2021 17:04	12/6/2021 15:29	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
12/11/2021 19:14	12/13/2021 14:35	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
1/29/2022 3:39	1/29/2022 20:30	Subtransmission	Distribution	TIE 1473	203	23169	EQUIPMENT FAILURE
1/29/2022 20:32	1/29/2022 22:38	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/29/2022 17:56	1/29/2022 22:37	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/29/2022 3:49	1/30/2022 19:13	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/29/2022 3:41	1/29/2022 14:00	Subtransmission	Distribution	TIE 1473	258	30131	EQUIPMENT FAILURE
1/29/2022 18:45	1/29/2022 22:37	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/29/2022 6:29	1/29/2022 9:47	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
1/29/2022 3:39	1/29/2022 14:00	Subtransmission	Distribution	TIE 1473	183	22171	EQUIPMENT FAILURE
3/7/2022 10:02	3/7/2022 14:56	Subtransmission	None	TRK 1248			EQUIPMENT FAILURE
3/18/2022 20:10	3/19/2022 5:58	Subtransmission	None	TRK 4971			EQUIPMENT FAILURE
3/18/2022 20:04	3/19/2022 5:15	Subtransmission	None	TRK 4971			EQUIPMENT FAILURE
3/29/2022 23:00	3/30/2022 1:40	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
3/31/2022 12:30	3/31/2022 20:37	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
4/14/2022 17:28	4/15/2022 16:09	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
4/23/2022 11:00	4/25/2022 4:35	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
4/24/2022 18:52	4/25/2022 4:49	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
5/4/2022 2:14	5/4/2022 12:45	Subtransmission	Substation	TRK 4301	636	101563	EQUIPMENT FAILURE
5/4/2022 2:24	5/4/2022 9:17	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
5/21/2022 10:38	5/21/2022 20:15	Subtransmission	Distribution	TRK 7062	87	53189	EQUIPMENT FAILURE
5/21/2022 10:38	5/21/2022 20:15	Subtransmission	Distribution	TRK 7062	672	411690	EQUIPMENT FAILURE
5/21/2022 10:45	5/21/2022 21:35	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
6/6/2022 16:20	6/7/2022 16:37	Subtransmission	None	TRK 8403			EQUIPMENT FAILURE
6/7/2022 13:43	6/8/2022 4:26	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
6/7/2022 13:31	6/7/2022 15:54	Subtransmission	Subtransmission	TIE 3822	2482	328297	EQUIPMENT FAILURE
6/7/2022 13:45	6/7/2022 15:54	Subtransmission	Subtransmission	TIE 3822	310	40983	EQUIPMENT FAILURE
6/7/2022 14:12	6/7/2022 16:16	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
6/7/2022 13:50	6/7/2022 16:26	Subtransmission	None	TIE 3822			EQUIPMENT FAILURE
6/15/2022 15:01	6/15/2022 17:20	Subtransmission	Distribution	TIE 1467	160	25048	EQUIPMENT FAILURE
6/16/2022 9:08	6/16/2022 20:13	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
6/20/2022 21:01	6/22/2022 11:26	Subtransmission	Distribution	TRK 2541			EQUIPMENT FAILURE
6/20/2022 14:02	7/30/2022 15:25	Subtransmission	None	TRK 2541			EQUIPMENT FAILURE
6/20/2022 16:53	6/20/2022 21:37	Subtransmission	Subtransmission	TRK 2541	1356	302942	EQUIPMENT FAILURE
6/20/2022 16:54	6/20/2022 19:06	Subtransmission	Subtransmission	TRK 2541	517	63598	EQUIPMENT FAILURE
6/20/2022 8:53	6/20/2022 20:10	Subtransmission	Subtransmission	TRK 2541	819	160604	EQUIPMENT FAILURE
6/25/2022 17:41	6/25/2022 22:17	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
6/27/2022 13:43	6/29/2022 15:08	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
7/14/2022 16:40	7/15/2022 5:31	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
7/17/2022 8:19	7/19/2022 6:22	Subtransmission	None	TRK 1444			EQUIPMENT FAILURE
7/20/2022 6:19	7/20/2022 14:51	Subtransmission	None	TIE 1312			EQUIPMENT FAILURE
7/21/2022 17:39	7/22/2022 12:58	Subtransmission	None	TRK 1322			EQUIPMENT FAILURE
7/22/2022 12:39	7/23/2022 12:43	Subtransmission	None	TRK 1322			EQUIPMENT FAILURE
7/22/2022 0:31	7/22/2022 14:00	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
7/24/2022 15:12	7/24/2022 22:05	Subtransmission	None	TRK 2411			EQUIPMENT FAILURE
7/28/2022 10:08	7/28/2022 18:51	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
8/3/2022 18:07	8/3/2022 20:16	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/3/2022 17:42	8/3/2022 20:15	Subtransmission	Distribution	TRK 2027	7	408	EQUIPMENT FAILURE
8/3/2022 18:56	8/4/2022 0:11	Subtransmission	Distribution	TRK 2027	1866	322691	EQUIPMENT FAILURE
8/3/2022 19:17	8/8/2022 14:40	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/4/2022 22:49	8/5/2022 13:15	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/4/2022 9:24	8/4/2022 15:11	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/29/2022 19:50	8/30/2022 20:41	Subtransmission	None	TIE 6907			EQUIPMENT FAILURE
8/30/2022 11:01	9/3/2022 20:18	Subtransmission	None	TRK 1444			EQUIPMENT FAILURE
8/30/2022 10:23	8/31/2022 14:57	Subtransmission	None	TRK 3534			EQUIPMENT FAILURE
8/31/2022 18:16	9/1/2022 21:04	Subtransmission	None	TRK 3534			EQUIPMENT FAILURE

9/1/2022 14:49	9/2/2022 8:20	Subtransmission	None	TRK 5145			EQUIPMENT FAILURE
9/2/2022 10:29	9/3/2022 20:30	Subtransmission	None	TRK 5145			EQUIPMENT FAILURE
9/19/2022 6:01	9/19/2022 21:38	Subtransmission	None	TRK 2719			EQUIPMENT FAILURE
9/20/2022 8:19	9/20/2022 16:32	Subtransmission	None	TRK 1518			EQUIPMENT FAILURE
9/21/2022 10:51	9/23/2022 8:39	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
9/22/2022 14:11	9/22/2022 16:57	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
10/26/2022 5:32	10/26/2022 14:30	Subtransmission	Distribution	TIE1340	156	84810	EQUIPMENT FAILURE
10/26/2022 5:32	10/26/2022 7:33	Subtransmission	Distribution	TRK 1340	815	88477	EQUIPMENT FAILURE
10/26/2022 5:32	10/26/2022 7:33	Subtransmission	Distribution	TRK 1340	622	66672	EQUIPMENT FAILURE
10/26/2022 6:00	10/26/2022 11:12	Subtransmission	None	TRK 1340			EQUIPMENT FAILURE
10/26/2022 5:45	10/26/2022 15:09	Subtransmission	None	TRK 1340			EQUIPMENT FAILURE
10/26/2022 7:39	10/26/2022 9:34	Subtransmission	Distribution	TRK 1340			EQUIPMENT FAILURE
10/26/2022 8:05	10/26/2022 8:59	Subtransmission	Distribution	TRK 1340			EQUIPMENT FAILURE
10/27/2022 7:59	10/28/2022 5:46	Subtransmission	None	TRK 7150			EQUIPMENT FAILURE
11/9/2022 7:23	11/9/2022 15:53	Subtransmission	None	TRK 2922			EQUIPMENT FAILURE
1/10/2023 12:29	1/11/2023 12:00	Subtransmission	None	TRK 2038			EQUIPMENT FAILURE
2/15/2023 13:10	2/20/2023 7:17	Subtransmission		TIE 9123			EQUIPMENT FAILURE
2/17/2023 2:07	2/17/2023 14:45	Subtransmission		TRK 3124			EQUIPMENT FAILURE
2/22/2023 18:12	2/25/2023 7:37	Subtransmission		TIE 1540			EQUIPMENT FAILURE
2/22/2023 18:04	2/28/2023 10:32	Subtransmission	Subtransmission	TIE 1540	42	177059	EQUIPMENT FAILURE
2/23/2023 10:49	2/25/2023 7:44	Subtransmission		TIE 1318			EQUIPMENT FAILURE
2/23/2023 6:56	2/25/2023 7:54	Subtransmission		TRK 2237			EQUIPMENT FAILURE
2/23/2023 11:05	2/25/2023 10:35	Subtransmission		TIE 1540			EQUIPMENT FAILURE
2/23/2023 0:38	2/23/2023 21:44	Subtransmission		TRK 2237			EQUIPMENT FAILURE
2/28/2023 20:37	3/3/2023 16:42	Subtransmission		TRK 1467			EQUIPMENT FAILURE
3/3/2023 17:30	3/4/2023 11:20	Subtransmission		TRK 2032			EQUIPMENT FAILURE
3/11/2023 2:19	3/11/2023 20:22	Subtransmission		TRK 2742			EQUIPMENT FAILURE
3/24/2023 3:10	3/24/2023 21:07	Subtransmission	Single Customer	TRK 2455	1	72	EQUIPMENT FAILURE
3/25/2023 18:12	3/27/2023 7:40	Subtransmission		TRK 4301			EQUIPMENT FAILURE
3/27/2023 1:55	3/27/2023 13:48	Subtransmission		TRK 3661			EQUIPMENT FAILURE
4/5/2023 13:35	4/6/2023 18:59	Subtransmission		TRK 2302			EQUIPMENT FAILURE
4/28/2023 11:15	5/2/2023 1:13	Subtransmission		TIE 1318			EQUIPMENT FAILURE
4/29/2023 10:45	4/29/2023 11:30	Subtransmission	Service Secondary	TRK 1418	15	5859	EQUIPMENT FAILURE
4/29/2023 4:11	4/29/2023 11:08	Subtransmission	Subtransmission	TRK 1418	208	81214	EQUIPMENT FAILURE
4/29/2023 2:45	4/29/2023 16:28	Subtransmission		TRK 1418			EQUIPMENT FAILURE
5/2/2023 8:34	6/1/2023 22:27	Subtransmission		TRK 3534			EQUIPMENT FAILURE
5/11/2023 18:31	5/12/2023 5:50	Subtransmission	Circuit Level	TRK 4971	1	771	EQUIPMENT FAILURE
5/23/2023 11:39	6/2/2023 22:27	Subtransmission		TIE 7504			EQUIPMENT FAILURE
5/27/2023 21:50	5/28/2023 13:24	Subtransmission		TIE 1467			EQUIPMENT FAILURE
5/28/2023 14:53	5/28/2023 21:18	Subtransmission	Subtransmission	TIE 1467	1612	50140	EQUIPMENT FAILURE
5/28/2023 14:50	5/28/2023 21:14	Subtransmission	Single Customer	TIE 1467	1	50	EQUIPMENT FAILURE
5/28/2023 15:37	5/28/2023 21:15	Subtransmission	Single Customer	TIE 1467	1	50	EQUIPMENT FAILURE
5/28/2023 15:38	5/28/2023 21:16	Subtransmission	Single Customer	TIE 1467	1	49	EQUIPMENT FAILURE
5/28/2023 15:43	5/28/2023 21:17	Subtransmission	Single Customer	TIE 1467	1	49	EQUIPMENT FAILURE
6/11/2023 18:55	6/13/2023 6:09	Subtransmission		TRK 7078			EQUIPMENT FAILURE
7/13/2023 8:10	7/13/2023 14:38	Subtransmission		TRK 3124			EQUIPMENT FAILURE
7/15/2023 6:57	7/16/2023 13:58	Subtransmission		TRK 5127			EQUIPMENT FAILURE
7/20/2023 23:25	7/24/2023 16:12	Subtransmission		TRK 6919			EQUIPMENT FAILURE
7/20/2023 15:59	7/22/2023 14:09	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 16:30	7/21/2023 10:28	Subtransmission		TRK 1229	1	1500	EQUIPMENT FAILURE
7/20/2023 16:44	7/20/2023 21:25	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 16:48	7/20/2023 21:03	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:16	7/22/2023 10:26	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:24	7/21/2023 21:50	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:31	7/20/2023 20:22	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:38	7/22/2023 13:58	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:57	7/21/2023 14:20	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:56	7/21/2023 21:25	Subtransmission	Device (I)	TRK 1229	22	33407	EQUIPMENT FAILURE
7/20/2023 16:35	7/21/2023 20:50	Subtransmission	Single Customer	TRK 1229			EQUIPMENT FAILURE
7/20/2023 17:31	7/21/2023 21:27	Subtransmission	Single Customer	TRK 1229	1	26	EQUIPMENT FAILURE
7/20/2023 18:11	7/21/2023 21:27	Subtransmission	Single Customer	TRK 1229			EQUIPMENT FAILURE
7/21/2023 17:03	7/22/2023 14:01	Subtransmission		TRK 1229			EQUIPMENT FAILURE
7/22/2023 19:25	7/22/2023 21:05	Subtransmission		TRK 6919			EQUIPMENT FAILURE
7/22/2023 21:23	7/29/2023 16:57	Subtransmission		TRK 6919			EQUIPMENT FAILURE
7/26/2023 19:23	7/27/2023 10:36	Subtransmission		TIE 6517			EQUIPMENT FAILURE
7/26/2023 18:58	7/28/2023 17:07	Subtransmission		TRK 2035			EQUIPMENT FAILURE
7/26/2023 17:59	7/28/2023 16:59	Subtransmission		TRK 5526			EQUIPMENT FAILURE
7/26/2023 16:34	8/14/2023 19:28	Subtransmission		TIE 3205			EQUIPMENT FAILURE
7/26/2023 17:05	7/29/2023 4:23	Subtransmission		TIE 3402			EQUIPMENT FAILURE
7/26/2023 15:58	7/28/2023 13:05	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 15:35	7/27/2023 16:19	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 15:40	7/27/2023 16:14	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 15:53	7/27/2023 16:13	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 15:58	7/27/2023 16:12	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 16:06	7/28/2023 13:35	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 18:15	8/3/2023 17:09	Subtransmission		TRK 5906			EQUIPMENT FAILURE
7/26/2023 16:02	7/27/2023 16:12	Subtransmission	Circuit Level	TRK 5906	1867	2420381	EQUIPMENT FAILURE
7/26/2023 16:41	7/27/2023 10:23	Subtransmission	Circuit Level	TRK 5906	864	1220349	EQUIPMENT FAILURE
7/26/2023 16:05	7/28/2023 14:34	Subtransmission	Device (II)	TRK 5906	54	133803	EQUIPMENT FAILURE
7/26/2023 16:34	7/28/2023 12:22	Subtransmission	Single Customer	TRK 5906			EQUIPMENT FAILURE
7/30/2023 0:56	8/24/2023 5:21	Subtransmission		TIE 3107			EQUIPMENT FAILURE
8/9/2023 14:49	8/11/2023 13:26	Subtransmission		TIE 4105			EQUIPMENT FAILURE
8/15/2023 5:23	8/24/2023 5:24	Subtransmission		TRK 2005			EQUIPMENT FAILURE
8/16/2023 15:05	8/17/2023 12:00	Subtransmission		TRK 2025			EQUIPMENT FAILURE
8/17/2023 13:43	8/17/2023 18:23	Subtransmission		TIE 9303	1	104	EQUIPMENT FAILURE
8/17/2023 15:19	8/17/2023 16:53	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
8/17/2023 15:25	8/17/2023 16:54	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 15:25	8/17/2023 16:55	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
8/17/2023 15:26	8/17/2023 16:55	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 15:31	8/17/2023 16:55	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
8/17/2023 15:35	8/17/2023 16:55	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 15:49	8/17/2023 16:57	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 16:05	8/17/2023 16:58	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 16:11	8/17/2023 16:59	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
8/17/2023 16:28	8/17/2023 16:59	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 16:43	8/17/2023 16:58	Subtransmission	Single Customer	TIE 9303	1	105	EQUIPMENT FAILURE
8/17/2023 16:44	8/17/2023 16:59	Subtransmission	Single Customer	TIE 9303			EQUIPMENT FAILURE
8/17/2023 14:22	8/17/2023 16:49	Subtransmission		TIE 9303	1	104	EQUIPMENT FAILURE
8/17/2023 13:31	8/17/2023 16:39	Subtransmission	Subtransmission	TIE 9303	1508	158104	EQUIPMENT FAILURE
8/17/2023 14:24	8/17/2023 16:49	Subtransmission		TIE 9303			EQUIPMENT FAILURE
8/17/2023 13:53	8/17/2023 18:07	Subtransmission		TIE 9303	1	104	EQUIPMENT FAILURE
8/17/2023 13:35	8/17/2023 18:24	Subtransmission		TIE 9303			EQUIPMENT FAILURE
8/17/2023 13:36	8/17/2023 18:21	Subtransmission		TIE 9303	1	104	EQUIPMENT FAILURE
8/17/2023 14:47	8/17/2023 16:49	Subtransmission		TIE 9303			EQUIPMENT FAILURE
8/17/2023 13:44	8/18/2023 5:54	Subtransmission		TIE 9303			EQUIPMENT FAILURE

8/17/2023 13:48	8/17/2023 21:00	Subtransmission	TIE 9303			EQUIPMENT FAILURE
8/17/2023 12:00	2/8/2024 22:39	Subtransmission	TRK 2025			EQUIPMENT FAILURE
8/24/2023 23:35	8/27/2023 1:54	Subtransmission	TIE 7430			EQUIPMENT FAILURE
8/24/2023 23:44	8/29/2023 21:17	Subtransmission	TIE 1224			EQUIPMENT FAILURE
8/24/2023 18:33	8/29/2023 20:43	Subtransmission	TIE 1224			EQUIPMENT FAILURE
8/25/2023 2:09	8/29/2023 1:16	Subtransmission	TRK 2218			EQUIPMENT FAILURE
8/25/2023 3:05	8/29/2023 1:14	Subtransmission	TIE 1224			EQUIPMENT FAILURE
8/25/2023 1:51	8/29/2023 1:18	Subtransmission	TRK 2806			EQUIPMENT FAILURE
8/25/2023 5:39	8/25/2023 20:15	Subtransmission	TRK 3124			EQUIPMENT FAILURE
8/27/2023 15:23	8/29/2023 1:17	Subtransmission	TRK 2301			EQUIPMENT FAILURE
8/29/2023 2:00	8/31/2023 20:13	Subtransmission	TRK 2931			EQUIPMENT FAILURE
8/30/2023 4:02	9/15/2023 23:17	Subtransmission	TRK 1322			EQUIPMENT FAILURE
9/5/2023 20:35	9/6/2023 3:08	Subtransmission	TRK 1444			EQUIPMENT FAILURE
9/12/2023 4:03	9/12/2023 19:20	Subtransmission	TIE 4105			EQUIPMENT FAILURE
10/1/2023 18:59	10/2/2023 10:53	Subtransmission	TIE 4105			EQUIPMENT FAILURE
10/4/2023 15:20	10/5/2023 5:48	Subtransmission	TRK 7104			EQUIPMENT FAILURE
10/25/2023 12:04	10/25/2023 15:56	Subtransmission	TRK 2319	4959	660827	EQUIPMENT FAILURE
11/17/2023 11:24	11/18/2023 2:03	Subtransmission	TRK 2715			EQUIPMENT FAILURE
11/17/2023 11:16	11/17/2023 16:55	Subtransmission	TRK 2715			EQUIPMENT FAILURE
11/17/2023 17:04	11/17/2023 20:41	Subtransmission	TRK 2715	84	43537	EQUIPMENT FAILURE
11/17/2023 15:25	11/17/2023 22:51	Subtransmission	TRK 2715			EQUIPMENT FAILURE
11/17/2023 14:49	11/17/2023 20:48	Subtransmission	TRK 2715	115	47139	EQUIPMENT FAILURE
12/9/2023 13:57	12/10/2023 8:25	Subtransmission	TIE 1568			EQUIPMENT FAILURE
12/12/2023 10:38	12/12/2023 20:04	Subtransmission	TIE 6138			EQUIPMENT FAILURE
2/23/2023 19:33	2/25/2023 7:56	Subtransmission	TRK 2931			ICE
10/23/2020 8:15	10/23/2020 13:48	Subtransmission	TIE 9111			LIGHTNING
10/23/2020 15:30	10/23/2020 17:25	Subtransmission	TIE 9111	299	33906	LIGHTNING
10/23/2020 14:55	10/23/2020 17:25	Subtransmission	TIE 9111	483	71760	LIGHTNING
10/23/2020 15:32	10/24/2020 18:51	Subtransmission	TIE 9111			LIGHTNING
6/10/2020 17:20	6/10/2020 18:06	Subtransmission	TIE 9303			NO ISSUES FOUND
7/2/2020 18:30	7/3/2020 14:54	Subtransmission	TRK 6304			PUBLIC INTERFERENCE
7/2/2020 18:34	7/3/2020 2:38	Subtransmission	TRK 6304			PUBLIC INTERFERENCE
8/21/2020 8:54	8/21/2020 12:00	Subtransmission	TRK 1418			PUBLIC INTERFERENCE
10/12/2020 20:29	10/12/2020 21:18	Subtransmission	TIE 6621			PUBLIC INTERFERENCE
10/12/2020 20:32	10/12/2020 21:07	Subtransmission	TIE 6621			PUBLIC INTERFERENCE
10/12/2020 20:47	10/13/2020 15:38	Subtransmission	TIE 6621			PUBLIC INTERFERENCE
10/12/2020 20:31	10/12/2020 21:13	Subtransmission	TIE 6621			PUBLIC INTERFERENCE
11/5/2020 17:33	11/6/2020 19:36	Subtransmission	TRK 824			PUBLIC INTERFERENCE
4/15/2018 10:00	4/18/2018 20:51	Subtransmission	TIE 1540			TREE
4/15/2018 8:55	4/18/2018 20:30	Subtransmission	TIE 1540	1	4956	TREE
5/4/2018 14:35	5/9/2018 20:16	Subtransmission	TRK 1303			TREE
5/4/2018 13:15	5/5/2018 20:00	Subtransmission	TRK 1303	1176	2099911	TREE
5/6/2018 21:09	5/9/2018 3:30	Subtransmission	TRK 4419			TREE
8/28/2018 22:00	8/29/2018 5:19	Subtransmission	TIE 3205			TREE
8/29/2018 14:26	8/29/2018 20:13	Subtransmission	TIE 3205			TREE
10/20/2018 21:13	10/22/2018 19:52	Subtransmission	TIE 3323			TREE
11/26/2018 10:35	11/26/2018 19:22	Subtransmission	TIE 4104			TREE
11/26/2018 6:16	11/26/2018 21:16	Subtransmission	TIE 4105			TREE
11/26/2018 8:58	11/26/2018 10:40	Subtransmission	TIE 4105			TREE
11/26/2018 6:13	11/26/2018 9:18	Subtransmission	TIE 4105			TREE
11/26/2018 12:14	11/26/2018 19:56	Subtransmission	TIE 4105			TREE
11/26/2018 12:01	11/26/2018 16:05	Subtransmission	TIE 4105	419	101647	TREE
1/7/2019 15:25	1/7/2019 23:21	Subtransmission	TIE 3205	576	273468	TREE
1/7/2019 15:25	1/7/2019 23:21	Subtransmission	TIE 3205	460	218986	TREE
1/7/2019 16:27	1/8/2019 20:14	Subtransmission	TIE 3205			TREE
2/8/2019 5:51	2/9/2019 7:08	Subtransmission	TIE 3208			TREE
3/10/2019 15:15	3/10/2019 20:40	Subtransmission	TIE 3410			TREE
3/30/2019 12:41	3/31/2019 19:49	Subtransmission	TIE 3205			TREE
4/14/2019 22:27	4/15/2019 10:02	Subtransmission	TIE 3416	730	77931	TREE
4/15/2019 1:17	4/15/2019 18:50	Subtransmission	TIE 3416			TREE
4/15/2019 0:47	4/15/2019 5:34	Subtransmission	TIE 3416			TREE
5/23/2019 6:52	5/23/2019 21:25	Subtransmission	TIE 8014			TREE
7/4/2019 8:12	7/4/2019 18:43	Subtransmission	TIE 1467			TREE
7/17/2019 8:00	7/18/2019 1:11	Subtransmission	TRK 2087			TREE
8/18/2019 19:48	8/19/2019 5:14	Subtransmission	TRK 2027			TREE
8/18/2019 16:32	8/19/2019 1:02	Subtransmission	TRK 2027			TREE
8/18/2019 23:50	8/19/2019 15:00	Subtransmission	TRK 2027	5	4088	TREE
8/19/2019 12:36	8/19/2019 15:20	Subtransmission	TRK 2027			TREE
11/1/2019 19:44	11/2/2019 13:22	Subtransmission	TIE 3205			TREE
12/23/2019 9:49	12/23/2019 20:55	Subtransmission	TIE 7430			TREE
12/23/2019 9:27	12/23/2019 13:40	Subtransmission	TIE 7430	812	205389	TREE
1/11/2020 10:56	1/11/2020 11:40	Subtransmission	TIE 1473	2	89	TREE
1/11/2020 11:31	1/11/2020 16:37	Subtransmission	TIE 1473			TREE
4/9/2020 12:42	4/9/2020 20:49	Subtransmission	TRK 2005			TREE
4/10/2020 22:00	4/11/2020 5:19	Subtransmission	TIE 4104			TREE
4/29/2020 14:53	4/30/2020 13:31	Subtransmission	TRK 7717			TREE
6/10/2020 17:08	6/10/2020 19:06	Subtransmission	TIE 9303			TREE
6/10/2020 17:19	6/11/2020 1:22	Subtransmission	TIE 9303	1983	410278	TREE
6/10/2020 17:07	6/10/2020 20:57	Subtransmission	TIE 9303			TREE
6/10/2020 15:31	6/11/2020 19:30	Subtransmission	TIE 9303	1052	450288	TREE
6/27/2020 0:14	6/27/2020 16:25	Subtransmission	TIE 1467	274	268371	TREE
6/27/2020 0:14	6/27/2020 16:25	Subtransmission	TIE 1467	756	438331	TREE
6/27/2020 1:48	6/27/2020 15:04	Subtransmission	TIE 1467			TREE
6/27/2020 22:12	6/28/2020 20:44	Subtransmission	TRK 2010			TREE
7/19/2020 22:16	7/20/2020 15:46	Subtransmission	TRK 2025			TREE
7/20/2020 11:10	7/20/2020 21:46	Subtransmission	TIE 7733			TREE
9/8/2020 9:16	9/8/2020 17:39	Subtransmission	TIE 1473			TREE
9/8/2020 8:43	9/8/2020 16:10	Subtransmission	TIE 1473	979	278047	TREE
9/28/2020 23:37	9/29/2020 15:55	Subtransmission	TIE 4605			TREE
10/7/2020 14:13	10/7/2020 19:31	Subtransmission	TIE 4523			TREE
11/16/2020 9:12	11/17/2020 20:59	Subtransmission	TIE 4105			TREE
5/7/2021 19:57	5/8/2021 15:42	Subtransmission	TIE 1473			TREE
5/7/2021 17:03	5/8/2021 3:31	Subtransmission	TIE 1473			TREE
5/8/2021 8:42	5/8/2021 17:46	Subtransmission	TIE 1473			TREE
7/6/2021 18:59	7/7/2021 20:00	Subtransmission	TRK 6759	1457	1916030	TREE
7/6/2021 18:58	7/7/2021 20:00	Subtransmission	TRK 6759	43	25173	TREE
7/6/2021 19:30	7/7/2021 20:30	Subtransmission	TRK 6759			TREE
7/6/2021 19:22	7/7/2021 2:57	Subtransmission	TRK 6759			TREE
7/6/2021 21:22	7/7/2021 6:15	Subtransmission	TRK 7909	1	199	TREE
7/6/2021 23:02	7/7/2021 0:43	Subtransmission	TRK 7909			TREE
7/6/2021 22:12	7/6/2021 23:24	Subtransmission	TRK 7909			TREE
7/6/2021 21:06	7/7/2021 2:19	Subtransmission	TRK 7909	865	182435	TREE
7/6/2021 21:12	7/8/2021 18:20	Subtransmission	TRK 7909			TREE
7/6/2021 21:18	7/8/2021 16:23	Subtransmission	TRK 7909			TREE
7/6/2021 21:30	7/7/2021 17:10	Subtransmission	TRK 7909	8	2898	TREE

7/6/2021 21:16	7/7/2021 22:43	Subtransmission	Distribution	TRK 7909	2426	1901741	TREE
7/6/2021 23:46	7/7/2021 5:43	Subtransmission	None	TRK 7909			TREE
7/6/2021 21:17	7/7/2021 16:36	Subtransmission	Distribution	TRK 7909	1851	664941	TREE
7/6/2021 21:56	7/7/2021 17:45	Subtransmission	Distribution	TRK 7909	1264	539725	TREE
7/6/2021 21:15	7/7/2021 16:36	Subtransmission	Distribution	TRK 7909	3073	1060910	TREE
7/7/2021 15:09	7/9/2021 3:30	Subtransmission	Subtransmission	TIE 4505	182	332478	TREE
7/7/2021 21:34	7/8/2021 14:42	Subtransmission	None	TRK 6759			TREE
7/7/2021 11:42	7/7/2021 16:42	Subtransmission	None	TRK 6759			TREE
7/7/2021 13:16	7/8/2021 2:21	Subtransmission	None	TRK 7909			TREE
7/7/2021 11:57	7/7/2021 16:36	Subtransmission	Distribution	TRK 7909	789	163081	TREE
7/24/2021 22:38	7/26/2021 19:06	Subtransmission	None	TIE 6117			TREE
12/11/2021 14:07	12/12/2021 13:30	Subtransmission	Distribution	TIE4105	692	944027	TREE
12/11/2021 8:27	12/12/2021 15:00	Subtransmission	Distribution	TIE4105	691	948253	TREE
3/31/2022 10:04	3/31/2022 20:26	Subtransmission	None	TIE 3203			TREE
3/31/2022 16:12	4/1/2022 21:00	Subtransmission	None	TIE 3203			TREE
3/31/2022 9:59	4/1/2022 21:00	Subtransmission	None	TIE 3203			TREE
7/20/2022 21:20	7/21/2022 9:05	Subtransmission	None	TIE 6907			TREE
7/20/2022 14:49	7/21/2022 5:40	Subtransmission	None	TIE 6907			TREE
8/29/2022 19:55	8/30/2022 15:59	Subtransmission	None	TIE 810			TREE
8/29/2022 18:21	8/30/2022 21:00	Subtransmission	Distribution	TIE 810	327	531671	TREE
8/30/2022 20:44	9/1/2022 14:11	Subtransmission	Distribution	TIE 4523	8	31816	TREE
8/30/2022 9:11	8/31/2022 18:03	Subtransmission	None	TIE 4523			TREE
8/30/2022 10:55	8/31/2022 20:54	Subtransmission	None	TIE 4523			TREE
11/5/2022 19:23	11/7/2022 15:31	Subtransmission	None	TIE 1473			TREE
11/5/2022 13:19	11/5/2022 16:29	Subtransmission	None	TIE 1473			TREE
11/5/2022 12:11	11/5/2022 18:00	Subtransmission	Distribution	TIE4105	708	248730	TREE
12/15/2022 0:53	12/15/2022 2:18	Subtransmission	None	TIE 3205			TREE
12/15/2022 0:34	12/15/2022 15:04	Subtransmission	None	TIE 3205			TREE
12/23/2022 12:51	12/23/2022 16:53	Subtransmission	None	TIE 3205			TREE
2/16/2023 16:51	2/17/2023 3:55	Subtransmission		TIE 3245			TREE
5/31/2023 12:47	2/16/2024 22:39	Subtransmission		TIE 2025			TREE
8/23/2023 9:15	8/24/2023 21:16	Subtransmission		TIE 9123			TREE
8/23/2023 8:47	8/23/2023 19:53	Subtransmission	Subtransmission	TIE 9123	1402	658293	TREE
8/24/2023 20:22	8/25/2023 16:31	Subtransmission		TIE 1531			TREE
8/24/2023 22:21	8/25/2023 21:32	Subtransmission		TIE 4523			TREE
8/24/2023 22:26	8/25/2023 23:02	Subtransmission	Device (II)	TIE 6621	49	41607	TREE
8/24/2023 22:15	8/25/2023 20:11	Subtransmission	Device (I)	TIE 6621	25	27380	TREE
8/24/2023 22:14	8/25/2023 20:11	Subtransmission	Device (I)	TIE 6621	9	9681	TREE
8/24/2023 23:40	8/26/2023 12:43	Subtransmission		TIE 6621			TREE
8/24/2023 22:16	8/26/2023 6:24	Subtransmission	Subtransmission	TIE 6621	7399	8054275	TREE
8/24/2023 1:57	8/27/2023 12:57	Subtransmission	Device (II)	TIE 7621	215	535969	TREE
8/24/2023 21:56	8/27/2023 19:55	Subtransmission	Device (II)	TIE 7621	66	260342	TREE
8/24/2023 21:59	8/27/2023 14:45	Subtransmission	Device (II)	TIE 7621	93	344061	TREE
8/24/2023 22:19	8/26/2023 11:40	Subtransmission		TIE 7621			TREE
8/24/2023 2:23	8/27/2023 12:57	Subtransmission	Device (I)	TIE 7621	21	102970	TREE
8/24/2023 1:38	8/27/2023 22:48	Subtransmission	Device (II)	TIE 7621	3	15965	TREE
8/24/2023 22:31	8/27/2023 20:02	Subtransmission	Device (II)	TRK 4301	136	556241	TREE
8/24/2023 22:38	8/26/2023 21:38	Subtransmission	Circuit Level	TRK 462	461	1238045	TREE
8/24/2023 22:49	8/26/2023 20:36	Subtransmission	Circuit Level	TRK 462	928	2523101	TREE
8/24/2023 22:35	8/27/2023 15:38	Subtransmission		TRK 8215			TREE
8/24/2023 22:37	8/26/2023 20:05	Subtransmission	Circuit Level	TRK 8215	1273	1697135	TREE
8/25/2023 7:00	8/26/2023 20:08	Subtransmission		TIE 4523			TREE
8/25/2023 20:05	8/27/2023 20:57	Subtransmission	Device (I)	TIE 1531	25	104021	TREE
8/25/2023 0:14	8/27/2023 10:54	Subtransmission	Device (II)	TIE 7621	29	101616	TREE
8/25/2023 0:24	8/27/2023 12:59	Subtransmission	Service Transformer	TIE 7621	2	7008	TREE
8/25/2023 1:37	8/29/2023 15:10	Subtransmission		TRK 6508			TREE
8/26/2023 7:08	8/27/2023 19:02	Subtransmission		TIE 1531			TREE
8/26/2023 5:04	8/26/2023 13:02	Subtransmission		TIE 7621	1	2375	TREE
11/12/2023 11:08	11/13/2023 15:54	Subtransmission		TIE 4605			TREE
11/12/2023 10:57	11/12/2023 15:15	Subtransmission	Circuit Level	TIE 4605	1570	142571	TREE
11/21/2023 7:59	11/21/2023 16:04	Subtransmission		TIE 6907			TREE
11/21/2023 8:05	11/21/2023 10:12	Subtransmission	Device (II)	TIE 6907			TREE
2/23/2023 18:59	2/25/2023 7:12	Subtransmission		TIE 4104			WIND
2/14/2020 5:03	2/14/2020 17:30	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
2/14/2020 4:42	2/14/2020 8:30	Subtransmission	Distribution	TRK 1527	1811	295046	EQUIPMENT FAILURE
6/3/2021 20:57	6/4/2021 0:30	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
3/1/2018 14:40	3/1/2018 23:32	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
3/1/2018 14:16	3/1/2018 23:31	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
4/26/2018 6:35	4/26/2018 9:02	Subtransmission	Distribution	TRK 4962	963	142576	EQUIPMENT FAILURE
4/26/2018 6:35	4/26/2018 9:02	Subtransmission	Distribution	TRK 4962	276	40794	EQUIPMENT FAILURE
4/26/2018 6:35	4/26/2018 9:52	Subtransmission	Distribution	TRK 4962	2574	507342	EQUIPMENT FAILURE
4/26/2018 6:35	4/26/2018 9:52	Subtransmission	Distribution	TRK 4962	3160	622408	EQUIPMENT FAILURE
7/12/2018 16:53	7/12/2018 22:30	Subtransmission	Distribution	TIE 5513	612	70466	EQUIPMENT FAILURE
6/6/2019 12:25	6/6/2019 17:28	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
2/9/2020 12:47	2/10/2020 20:26	Subtransmission	None	TRK 7130			EQUIPMENT FAILURE
2/11/2020 6:55	2/17/2020 18:54	Subtransmission	None	TRK 7130			EQUIPMENT FAILURE
3/29/2022 19:33	3/29/2022 20:57	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
5/10/2020 9:53	5/10/2020 11:20	Subtransmission	Distribution	TRK 5906	2	113	ANIMAL
5/10/2020 9:58	5/10/2020 10:06	Subtransmission	None	TRK 5906			ANIMAL
5/10/2020 17:58	5/10/2020 21:05	Subtransmission	Distribution	TRK 5906			ANIMAL
5/10/2020 9:53	5/10/2020 11:00	Subtransmission	Distribution	TRK 5906	69	3803	ANIMAL
5/24/2022 9:41	5/24/2022 10:16	Subtransmission	Distribution	TRK 6919	20	629	ANIMAL
6/14/2022 8:59	6/15/2022 14:07	Subtransmission	None	TRK 6919			ANIMAL
5/1/2018 9:37	5/1/2018 14:27	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
10/20/2018 13:42	10/20/2018 15:30	Subtransmission	Subtransmission	TIE 6147	2040	242916	EQUIPMENT FAILURE
10/11/2019 10:24	10/11/2019 14:51	Subtransmission	None	TRK 6125			EQUIPMENT FAILURE
5/20/2020 18:48	5/21/2020 0:00	Subtransmission	Distribution	TRK 2233	8	803	EQUIPMENT FAILURE
5/20/2020 19:05	5/21/2020 5:00	Subtransmission	Distribution	TRK 2233	1	101	EQUIPMENT FAILURE
5/20/2020 18:48	5/21/2020 3:00	Subtransmission	Distribution	TRK 2233	9	903	EQUIPMENT FAILURE
5/20/2020 19:08	5/20/2020 22:12	Subtransmission	None	TRK 2233			EQUIPMENT FAILURE
1/19/2021 14:49	1/19/2021 21:29	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
1/19/2021 17:03	1/20/2021 3:02	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
6/16/2022 17:53	6/16/2022 20:57	Subtransmission	None	TRK 3546			EQUIPMENT FAILURE
7/31/2021 22:35	8/1/2021 12:48	Subtransmission	Distribution	TIE 3417	1	868	LIGHTNING
3/1/2018 20:57	3/3/2018 12:14	Subtransmission	None	TRK 2806			TREE
3/1/2018 22:42	3/2/2018 1:00	Subtransmission	Distribution	TRK 2806	125	21371	TREE
3/1/2018 23:18	3/3/2018 16:50	Subtransmission	Distribution	TRK 2806	15	36642	TREE
8/11/2021 23:24	8/12/2021 18:11	Subtransmission	None	TIE 4105			TREE
11/30/2022 10:07	11/30/2022 15:10	Subtransmission	Distribution	TIE 1568	85	9085	TREE
11/30/2022 10:25	11/30/2022 11:29	Subtransmission	None	TIE 1568			TREE
10/7/2018 12:49	10/8/2018 11:08	Subtransmission	None	TRK 4911			ANIMAL
7/9/2019 7:41	7/9/2019 15:27	Subtransmission	None	TRK 1323			ANIMAL
12/8/2019 6:07	12/8/2019 16:48	Subtransmission	None	TRK 853			ANIMAL
7/3/2021 15:43	7/3/2021 19:40	Subtransmission	None	TRK 6125			ANIMAL
8/3/2021 6:40	8/3/2021 9:00	Subtransmission	None	TRK 1563			ANIMAL

1/12/2018 12:18	1/12/2018 17:44	Subtransmission	None	TIE 3402			EQUIPMENT FAILURE
3/17/2018 16:42	3/17/2018 19:44	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
3/17/2018 15:46	3/19/2018 4:02	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/17/2018 10:47	3/17/2018 18:19	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/17/2018 10:56	3/18/2018 0:01	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/27/2018 5:25	3/27/2018 18:15	Subtransmission	None	TRK 4416			EQUIPMENT FAILURE
4/15/2018 12:17	4/18/2018 1:01	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
5/4/2018 14:04	5/10/2018 11:24	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
5/4/2018 14:44	5/5/2018 16:12	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
5/5/2018 16:54	5/8/2018 11:43	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
6/5/2018 17:37	6/7/2018 11:40	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
6/27/2018 8:47	6/27/2018 13:40	Subtransmission	Distribution	TIE 6138	1537	256545	EQUIPMENT FAILURE
6/27/2018 17:50	6/27/2018 18:01	Subtransmission	Distribution	TIE 6138	940	11690	EQUIPMENT FAILURE
6/27/2018 17:50	6/27/2018 18:01	Subtransmission	Distribution	TIE 6138	627	7787	EQUIPMENT FAILURE
6/27/2018 9:01	6/27/2018 10:34	Subtransmission	Distribution	TIE 6138	1596	119703	EQUIPMENT FAILURE
6/27/2018 8:36	6/28/2018 17:35	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
6/27/2018 9:02	6/27/2018 13:45	Subtransmission	Distribution	TIE 6138	614	163602	EQUIPMENT FAILURE
6/27/2018 9:00	6/27/2018 10:15	Subtransmission	Distribution	TIE 6138	1347	97753	EQUIPMENT FAILURE
6/27/2018 9:00	6/27/2018 10:16	Subtransmission	Distribution	TIE 6138	2388	179965	EQUIPMENT FAILURE
8/2/2018 14:12	8/3/2018 15:31	Subtransmission	None	TRK 2713			EQUIPMENT FAILURE
8/19/2018 19:18	8/19/2018 22:36	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
11/9/2018 7:07	11/9/2018 18:22	Subtransmission	None	TIE 2621			EQUIPMENT FAILURE
12/27/2018 20:55	12/30/2018 19:46	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
1/22/2019 20:42	1/23/2019 6:58	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
2/7/2019 21:08	2/9/2019 15:02	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
2/8/2019 8:30	2/8/2019 20:48	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/9/2019 18:53	3/10/2019 13:39	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
3/15/2019 1:25	3/15/2019 11:00	Subtransmission	None	TRK 853			EQUIPMENT FAILURE
5/1/2019 5:27	5/1/2019 12:09	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
5/1/2019 5:47	5/1/2019 6:57	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
5/1/2019 6:49	5/1/2019 9:38	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
5/31/2019 13:19	6/1/2019 6:47	Subtransmission	None	TRK 3661			EQUIPMENT FAILURE
5/31/2019 13:08	5/31/2019 19:15	Subtransmission	Distribution	TRK 3661	5	1584	EQUIPMENT FAILURE
7/9/2019 7:21	7/9/2019 10:38	Subtransmission	None	TRK 2907			EQUIPMENT FAILURE
7/19/2019 19:28	7/25/2019 15:47	Subtransmission	None	TRK 8014			EQUIPMENT FAILURE
8/24/2019 15:15	8/24/2019 18:10	Subtransmission	None	TRK 3632			EQUIPMENT FAILURE
9/11/2019 18:50	9/12/2019 17:02	Subtransmission	Distribution	TRK 2002	821	1062873	EQUIPMENT FAILURE
9/11/2019 18:35	9/12/2019 17:00	Subtransmission	Distribution	TRK 2002	533	403978	EQUIPMENT FAILURE
9/12/2019 17:01	9/12/2019 20:27	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
9/12/2019 21:50	9/13/2019 15:02	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
9/18/2019 9:18	9/18/2019 10:21	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/18/2019 9:18	9/18/2019 10:21	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/27/2019 12:28	9/27/2019 18:01	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
9/27/2019 4:44	9/27/2019 7:00	Subtransmission	Distribution	TIE 6147	2080	191618	EQUIPMENT FAILURE
10/24/2019 12:41	10/24/2019 22:49	Subtransmission	None	TIE 7504			EQUIPMENT FAILURE
11/1/2019 7:32	11/1/2019 11:53	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
11/27/2019 10:28	11/29/2019 20:13	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
1/9/2020 16:42	1/10/2020 4:54	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
1/9/2020 13:18	1/9/2020 17:44	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
1/23/2020 11:04	1/23/2020 17:15	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
1/23/2020 10:28	1/23/2020 17:16	Subtransmission	None	TRK 7078			EQUIPMENT FAILURE
3/5/2020 4:54	3/5/2020 17:58	Subtransmission	None	TRK 5838			EQUIPMENT FAILURE
4/9/2020 14:42	4/9/2020 15:21	Subtransmission	None	TRK 2316			EQUIPMENT FAILURE
5/3/2020 7:18	5/5/2020 15:14	Subtransmission	None	TRK 7035			EQUIPMENT FAILURE
5/27/2020 11:48	5/28/2020 13:00	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
6/11/2020 2:55	6/12/2020 17:00	Subtransmission	Distribution	TIE 4105	108	195450	EQUIPMENT FAILURE
7/8/2020 23:57	7/9/2020 5:15	Subtransmission	None	TRK 3543			EQUIPMENT FAILURE
7/29/2020 5:23	7/29/2020 14:03	Subtransmission	None	TRK 6759			EQUIPMENT FAILURE
12/22/2020 18:02	12/22/2020 21:30	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
3/3/2021 13:30	3/3/2021 20:03	Subtransmission	Distribution	TRK 4416			EQUIPMENT FAILURE
3/3/2021 13:00	3/3/2021 20:00	Subtransmission	Distribution	TRK 4416	1	356	EQUIPMENT FAILURE
3/9/2021 12:16	3/9/2021 13:15	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
5/7/2021 17:51	5/7/2021 18:35	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
5/7/2021 17:50	5/7/2021 18:40	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
5/7/2021 17:59	5/8/2021 4:35	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
5/28/2021 0:11	5/28/2021 13:22	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
6/17/2021 15:31	6/17/2021 18:49	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
6/17/2021 15:26	6/17/2021 18:49	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
6/17/2021 15:28	6/17/2021 18:49	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
6/17/2021 15:20	6/17/2021 18:30	Subtransmission	Distribution	TRK 6304	586	43017	EQUIPMENT FAILURE
6/17/2021 15:52	6/17/2021 18:49	Subtransmission	Distribution	TRK 6304	1	126	EQUIPMENT FAILURE
6/17/2021 15:44	6/17/2021 19:59	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
6/17/2021 15:37	6/17/2021 19:43	Subtransmission	None	TRK 6304			EQUIPMENT FAILURE
7/10/2021 7:28	7/11/2021 20:58	Subtransmission	None	TRK 1232			EQUIPMENT FAILURE
7/15/2021 12:38	7/15/2021 20:17	Subtransmission	None	TRK 2205			EQUIPMENT FAILURE
8/12/2021 11:54	8/12/2021 20:28	Subtransmission	None	TRK 7117			EQUIPMENT FAILURE
8/13/2021 8:23	8/13/2021 10:53	Subtransmission	None	TRK 7117			EQUIPMENT FAILURE
8/13/2021 10:15	8/13/2021 20:26	Subtransmission	None	TRK 7117			EQUIPMENT FAILURE
8/22/2021 17:38	8/23/2021 13:20	Subtransmission	None	TRK 4523			EQUIPMENT FAILURE
8/29/2021 11:46	8/29/2021 22:45	Subtransmission	Subtransmission	TRK 3124	1327	253240	EQUIPMENT FAILURE
8/29/2021 19:43	8/30/2021 2:32	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
8/30/2021 5:17	8/30/2021 16:03	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
9/14/2021 12:52	9/16/2021 4:43	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
10/4/2021 15:54	10/4/2021 20:38	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
10/4/2021 16:31	10/4/2021 20:11	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
12/24/2021 22:42	12/25/2021 5:24	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
2/2/2022 5:16	2/2/2022 13:02	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
3/24/2022 15:34	3/25/2022 5:04	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
3/31/2022 18:04	4/1/2022 15:29	Subtransmission	Distribution	TRK 2715	1	56	EQUIPMENT FAILURE
4/4/2022 10:23	4/4/2022 20:30	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
4/4/2022 10:09	4/4/2022 18:19	Subtransmission	None	TRK 3617			EQUIPMENT FAILURE
5/4/2022 0:41	5/4/2022 2:08	Subtransmission	None	TIE 817			EQUIPMENT FAILURE
5/4/2022 6:53	5/4/2022 15:21	Subtransmission	None	TIE 817			EQUIPMENT FAILURE
5/31/2022 7:04	5/31/2022 14:33	Subtransmission	None	TRK 3508			EQUIPMENT FAILURE
7/14/2022 23:14	7/15/2022 4:00	Subtransmission	Distribution	TIE 5843	13	3643	EQUIPMENT FAILURE
7/14/2022 23:28	7/15/2022 7:21	Subtransmission	None	TIE 5843			EQUIPMENT FAILURE
1/26/2023 1:48	1/26/2023 5:16	Subtransmission	None	TRK 1502			EQUIPMENT FAILURE
4/24/2023 0:39	4/24/2023 8:03	Subtransmission	Circuit Level	TRK 1248	2	76	EQUIPMENT FAILURE
4/24/2023 0:21	4/24/2023 8:04	Subtransmission	Device (II)	TRK 1248	1	9	EQUIPMENT FAILURE
4/24/2023 0:16	4/24/2023 8:04	Subtransmission	Circuit Level	TRK 1248			EQUIPMENT FAILURE
4/24/2023 0:36	4/24/2023 19:02	Subtransmission		TRK 1248			EQUIPMENT FAILURE
6/3/2023 14:51	6/4/2023 15:50	Subtransmission		TIE 6931			EQUIPMENT FAILURE
7/25/2023 16:49	7/25/2023 22:24	Subtransmission		TIE 6602			EQUIPMENT FAILURE
7/26/2023 19:04	7/27/2023 23:30	Subtransmission		TRK 5935			EQUIPMENT FAILURE
7/26/2023 15:47	7/27/2023 23:31	Subtransmission	Substation	TRK 5935	468	882334	EQUIPMENT FAILURE

8/18/2023 12:03	8/20/2023 2:42	Subtransmission	Subtransmission	TRK 7187			EQUIPMENT FAILURE
8/18/2023 11:18	8/19/2023 5:35	Subtransmission		TRK 7187			EQUIPMENT FAILURE
8/24/2023 9:43	8/24/2023 12:04	Subtransmission		TRK 7187	1	219	EQUIPMENT FAILURE
8/24/2023 2:18	8/24/2023 16:32	Subtransmission	Circuit Level	TRK 7187	230	50142	EQUIPMENT FAILURE
8/24/2023 2:29	8/25/2023 16:39	Subtransmission		TRK 7187			EQUIPMENT FAILURE
8/24/2023 2:18	8/24/2023 21:58	Subtransmission		TRK 7187			EQUIPMENT FAILURE
8/24/2023 1:59	8/24/2023 13:20	Subtransmission	Circuit Level	TRK 7187			EQUIPMENT FAILURE
8/24/2023 7:34	8/24/2023 21:43	Subtransmission	Circuit Level	TRK 7187	856	187088	EQUIPMENT FAILURE
6/18/2021 14:19	6/18/2021 19:02	Subtransmission	None	TIE 4428	697	152356	EQUIPMENT FAILURE
7/22/2022 1:14	7/22/2022 20:22	Subtransmission	None	TIE 9107			LIGHTNING
9/14/2019 19:04	9/15/2019 17:55	Subtransmission	None	TRK 346			PUBLIC INTERFERENCE
4/6/2020 17:01	4/7/2020 10:49	Subtransmission	None	TRK 2027			PUBLIC INTERFERENCE
3/6/2019 17:49	3/7/2019 18:20	Subtransmission	None	TIE 6138			TREE
3/28/2019 11:25	3/28/2019 13:30	Subtransmission	Distribution	TIE 3705	464	55780	TREE
3/28/2019 11:42	3/28/2019 20:58	Subtransmission	None	TIE 3705			TREE
4/16/2019 22:14	4/17/2019 4:41	Subtransmission	None	TIE 3205			TREE
10/27/2019 3:51	10/27/2019 4:36	Subtransmission	Distribution	TIE 3241	46	3485	TREE
10/27/2019 3:31	10/27/2019 17:55	Subtransmission	None	TIE 3241			TREE
10/27/2019 6:54	10/27/2019 15:30	Subtransmission	Distribution	TIE 3241			TREE
10/27/2019 3:21	10/27/2019 4:36	Subtransmission	Distribution	TIE 3241	2195	163241	TREE
11/27/2019 10:57	11/29/2019 18:09	Subtransmission	None	TIE 1473			TREE
11/27/2019 10:17	11/27/2019 19:30	Subtransmission	Distribution	TIE 1473	705	181283	TREE
4/13/2020 13:36	4/13/2020 16:00	Subtransmission	Distribution	TIE 4505	64	7599	TREE
7/25/2020 16:17	7/26/2020 14:09	Subtransmission	None	TRK 2250			TREE
7/25/2020 11:01	7/27/2020 16:40	Subtransmission	None	TRK 2250			TREE
7/25/2020 13:06	7/26/2020 0:09	Subtransmission	None	TRK 2250			TREE
11/15/2020 2:38	11/15/2020 5:11	Subtransmission	Distribution	TIE 9303	1565	173821	TREE
11/15/2020 2:54	11/15/2020 14:10	Subtransmission	None	TIE 9303			TREE
6/29/2021 17:34	6/30/2021 10:41	Subtransmission	None	TRK 4301			TREE
6/29/2021 15:01	6/29/2021 20:42	Subtransmission	None	TRK 4301			TREE
1/11/2022 8:38	1/12/2022 16:59	Subtransmission	None	TIE 6931			EQUIPMENT FAILURE
9/12/2022 15:11	9/13/2022 14:36	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
11/17/2022 14:29	11/18/2022 2:05	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
5/29/2018 21:18	5/30/2018 0:28	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
5/29/2018 21:10	5/30/2018 18:43	Subtransmission	None	TRK 3526			EQUIPMENT FAILURE
4/9/2020 9:39	4/9/2020 12:35	Subtransmission	None	TRK 7122			ANIMAL
6/15/2018 21:49	7/1/2018 14:28	Subtransmission	None	TRK 1456			EQUIPMENT FAILURE
5/14/2023 1:18	5/14/2023 6:51	Subtransmission		TRK 2510			EQUIPMENT FAILURE
5/18/2023 12:07	5/19/2023 9:30	Subtransmission	Subtransmission	TRK 3511	324	15410	EQUIPMENT FAILURE
6/11/2022 21:28	6/12/2022 12:17	Subtransmission	None	TIE 3417			LIGHTNING
2/8/2018 16:20	2/8/2018 18:28	Subtransmission	None	TIE 4523			NO ISSUES FOUND
3/1/2018 23:06	3/2/2018 12:56	Subtransmission	None	TIE 3822			NO ISSUES FOUND
3/20/2018 4:13	3/20/2018 15:23	Subtransmission	None	TRK 2411			NO ISSUES FOUND
4/3/2018 10:06	4/3/2018 18:10	Subtransmission	None	TIE9303			NO ISSUES FOUND
4/4/2018 13:27	4/4/2018 19:43	Subtransmission	None	TRK 2411			NO ISSUES FOUND
4/11/2018 13:51	4/11/2018 20:26	Subtransmission	None	TIE 4512			NO ISSUES FOUND
5/14/2018 18:20	5/15/2018 15:34	Subtransmission	None	TIE 7745			NO ISSUES FOUND
5/26/2018 18:07	5/26/2018 22:52	Subtransmission	None	TRK 1276			NO ISSUES FOUND
5/27/2018 7:32	5/27/2018 11:36	Subtransmission	None	TIE 4523			NO ISSUES FOUND
5/27/2018 7:50	5/27/2018 12:03	Subtransmission	None	TIE 810			NO ISSUES FOUND
5/30/2018 18:45	6/4/2018 7:12	Subtransmission	None	TRK 3124			NO ISSUES FOUND
5/31/2018 7:48	5/31/2018 18:52	Subtransmission	None	TIE 5823			NO ISSUES FOUND
5/31/2018 2:58	5/31/2018 14:50	Subtransmission	None	TRK 385			NO ISSUES FOUND
5/31/2018 18:30	6/16/2018 11:09	Subtransmission	None	TRK 385			NO ISSUES FOUND
6/9/2018 8:48	6/9/2018 10:49	Subtransmission	None	TRK 1303			NO ISSUES FOUND
6/11/2018 17:21	6/11/2018 22:32	Subtransmission	None	TRK 1525			NO ISSUES FOUND
6/19/2018 7:38	6/19/2018 15:15	Subtransmission	None	TIE 1540			NO ISSUES FOUND
6/27/2018 17:40	6/27/2018 21:08	Subtransmission	None	TIE4105			NO ISSUES FOUND
6/27/2018 6:55	6/27/2018 11:00	Subtransmission	None	TRK 7035			NO ISSUES FOUND
6/29/2018 19:49	6/29/2018 20:45	Subtransmission	None	TRK 361			NO ISSUES FOUND
7/10/2018 16:26	7/10/2018 19:08	Subtransmission	None	TIE 6310			NO ISSUES FOUND
7/10/2018 0:20	7/10/2018 9:16	Subtransmission	None	TIE 6310			NO ISSUES FOUND
7/15/2018 8:53	7/15/2018 14:55	Subtransmission	None	TRK 2302			NO ISSUES FOUND
7/17/2018 7:29	7/17/2018 10:28	Subtransmission	None	TRK 4962			NO ISSUES FOUND
7/20/2018 10:30	7/20/2018 12:54	Subtransmission	None	TIE 8014			NO ISSUES FOUND
7/21/2018 8:19	7/22/2018 7:06	Subtransmission	None	TRK 2018			NO ISSUES FOUND
7/26/2018 21:29	10/1/2018 5:22	Subtransmission	None	TIE 1568			NO ISSUES FOUND
7/26/2018 14:12	7/27/2018 17:13	Subtransmission	None	TRK 5144			NO ISSUES FOUND
7/29/2018 14:44	7/29/2018 20:15	Subtransmission	None	TRK 2628			NO ISSUES FOUND
8/12/2018 18:41	8/13/2018 11:38	Subtransmission	None	TIE 7745			NO ISSUES FOUND
8/25/2018 9:01	8/25/2018 14:11	Subtransmission	None	TIE 7513			NO ISSUES FOUND
9/21/2018 14:29	9/21/2018 22:07	Subtransmission	None	TIE 4708			NO ISSUES FOUND
9/25/2018 22:15	9/26/2018 4:00	Subtransmission	None	TIE 1318			NO ISSUES FOUND
10/4/2018 22:27	10/5/2018 0:55	Subtransmission	None	TRK 3534			NO ISSUES FOUND
10/11/2018 10:37	10/12/2018 8:19	Subtransmission	None	TIE 2648			NO ISSUES FOUND
10/31/2018 9:18	10/31/2018 13:02	Subtransmission	None	TRK 853			NO ISSUES FOUND
11/2/2018 14:56	11/2/2018 19:46	Subtransmission	None	TIE 4105			NO ISSUES FOUND
11/3/2018 18:23	11/3/2018 23:03	Subtransmission	None	TRK 2439			NO ISSUES FOUND
11/25/2018 10:48	11/25/2018 14:40	Subtransmission	None	TRK 1346			NO ISSUES FOUND
11/26/2018 14:17	11/27/2018 12:26	Subtransmission	None	TIE 1586			NO ISSUES FOUND
11/26/2018 13:22	11/26/2018 14:56	Subtransmission	None	TIE 1586			NO ISSUES FOUND
11/27/2018 16:20	11/27/2018 20:53	Subtransmission	None	TRK 4316			NO ISSUES FOUND
12/9/2018 10:33	12/9/2018 18:50	Subtransmission	None	TIE 9123			NO ISSUES FOUND
12/11/2018 16:28	12/11/2018 22:54	Subtransmission	None	TRK 4316			NO ISSUES FOUND
12/31/2018 22:47	1/1/2019 22:47	Subtransmission	None	TIE 3205			NO ISSUES FOUND
12/31/2018 23:04	1/1/2019 1:12	Subtransmission	None	TIE 3205			NO ISSUES FOUND
1/5/2019 11:28	1/5/2019 17:29	Subtransmission	None	TIE 1544			NO ISSUES FOUND
1/8/2019 18:12	1/9/2019 4:53	Subtransmission	None	TIE 2813			NO ISSUES FOUND
1/17/2019 13:22	1/17/2019 17:28	Subtransmission	None	TRK 6125			NO ISSUES FOUND
1/20/2019 19:04	1/21/2019 3:21	Subtransmission	None	TRK 3508			NO ISSUES FOUND
1/20/2019 19:09	1/20/2019 22:29	Subtransmission	None	TRK 3508			NO ISSUES FOUND
1/22/2019 21:49	1/23/2019 13:06	Subtransmission	None	TRK 2308			NO ISSUES FOUND
1/24/2019 8:35	1/24/2019 11:25	Subtransmission	None	TRK 2308			NO ISSUES FOUND
1/24/2019 8:37	1/24/2019 12:30	Subtransmission	None	TRK 2313			NO ISSUES FOUND
3/14/2019 20:05	3/15/2019 12:53	Subtransmission	None	TRK 428			NO ISSUES FOUND
3/31/2019 12:26	3/31/2019 19:31	Subtransmission	None	TRK 3536			NO ISSUES FOUND
4/12/2019 21:23	4/13/2019 10:09	Subtransmission	None	TIE 5829			NO ISSUES FOUND
4/12/2019 15:30	4/13/2019 3:47	Subtransmission	None	TRK 2942			NO ISSUES FOUND
4/13/2019 12:59	4/13/2019 20:32	Subtransmission	None	TIE 3205			NO ISSUES FOUND
4/20/2019 16:06	4/20/2019 20:03	Subtransmission	None	TIE 1544			NO ISSUES FOUND
4/21/2019 7:56	4/22/2019 0:45	Subtransmission	None	TRK 357			NO ISSUES FOUND
4/24/2019 9:16	4/24/2019 12:25	Subtransmission	None	TRK 6741			NO ISSUES FOUND
5/2/2019 3:11	5/2/2019 9:20	Subtransmission	None	TIE 3417			NO ISSUES FOUND
5/11/2019 2:47	5/11/2019 6:01	Subtransmission	None	TRK 3304			NO ISSUES FOUND
5/16/2019 12:54	5/16/2019 19:15	Subtransmission	None	TRK 4605			NO ISSUES FOUND

5/19/2019 14:22	5/19/2019 19:38	Subtransmission	None	TRK 428	NO ISSUES FOUND
5/25/2019 17:57	5/26/2019 17:57	Subtransmission	None	TRK 3203	NO ISSUES FOUND
5/29/2019 0:41	5/29/2019 5:45	Subtransmission	None	TRK 2305	NO ISSUES FOUND
5/29/2019 22:04	5/30/2019 2:51	Subtransmission	None	TRK 5404	NO ISSUES FOUND
6/1/2019 6:26	6/1/2019 14:00	Subtransmission	None	TRK 5923	NO ISSUES FOUND
6/2/2019 15:02	6/2/2019 20:39	Subtransmission	None	TIE 2901	NO ISSUES FOUND
6/6/2019 9:24	6/6/2019 12:48	Subtransmission	None	TRK 2510	NO ISSUES FOUND
6/10/2019 15:27	6/10/2019 20:18	Subtransmission	None	TIE 9111	NO ISSUES FOUND
6/19/2019 6:42	6/19/2019 19:43	Subtransmission	None	TRK 3511	NO ISSUES FOUND
6/25/2019 2:48	6/25/2019 9:40	Subtransmission	None	TIE 3417	NO ISSUES FOUND
6/26/2019 1:18	6/26/2019 5:07	Subtransmission	None	TRK 853	NO ISSUES FOUND
6/27/2019 2:30	6/27/2019 12:51	Subtransmission	None	TIE 2819	NO ISSUES FOUND
6/29/2019 7:01	6/30/2019 15:57	Subtransmission	None	TIE 1381	NO ISSUES FOUND
7/4/2019 17:39	7/4/2019 19:41	Subtransmission	None	TIE 7104	NO ISSUES FOUND
7/15/2019 17:07	7/16/2019 6:46	Subtransmission	None	TIE 7520	NO ISSUES FOUND
7/16/2019 4:48	7/16/2019 7:00	Subtransmission	None	TRK 2543	NO ISSUES FOUND
7/16/2019 5:06	7/16/2019 12:48	Subtransmission	None	TRK 2543	NO ISSUES FOUND
7/19/2019 17:16	7/25/2019 18:24	Subtransmission	None	TIE 7702	NO ISSUES FOUND
7/19/2019 19:41	7/20/2019 12:42	Subtransmission	None	TIE 9107	NO ISSUES FOUND
7/20/2019 16:50	7/25/2019 14:56	Subtransmission	None	TIE 8033	NO ISSUES FOUND
7/20/2019 7:40	7/20/2019 12:47	Subtransmission	None	TIE 8033	NO ISSUES FOUND
7/24/2019 5:33	7/24/2019 9:50	Subtransmission	None	TRK 0361	NO ISSUES FOUND
8/9/2019 11:43	8/9/2019 21:32	Subtransmission	None	TRK 1531	NO ISSUES FOUND
8/10/2019 6:23	8/10/2019 16:35	Subtransmission	None	TIE 6128	NO ISSUES FOUND
8/12/2019 23:59	8/13/2019 5:38	Subtransmission	None	TRK 2319	NO ISSUES FOUND
8/19/2019 17:11	8/20/2019 1:29	Subtransmission	None	TIE 9705	NO ISSUES FOUND
9/8/2019 0:17	9/8/2019 9:53	Subtransmission	None	TIE 3417	NO ISSUES FOUND
9/11/2019 15:25	9/11/2019 22:14	Subtransmission	None	TRK 7386	NO ISSUES FOUND
9/16/2019 17:03	9/17/2019 14:52	Subtransmission	None	TRK 1411	NO ISSUES FOUND
9/18/2019 8:06	9/18/2019 14:48	Subtransmission	None	TIE 6907	NO ISSUES FOUND
9/22/2019 6:50	9/22/2019 18:07	Subtransmission	None	TRK 3205	NO ISSUES FOUND
10/1/2019 11:53	10/1/2019 16:55	Subtransmission	None	TRK 853	NO ISSUES FOUND
10/9/2019 13:56	10/9/2019 18:13	Subtransmission	None	TRK 5239	NO ISSUES FOUND
10/16/2019 6:46	10/16/2019 9:00	Subtransmission	None	TIE 4105	NO ISSUES FOUND
10/16/2019 6:46	10/16/2019 9:00	Subtransmission	None	TIE 4105	NO ISSUES FOUND
10/23/2019 18:34	10/23/2019 22:43	Subtransmission	None	TRK 2439	NO ISSUES FOUND
12/6/2019 22:25	12/7/2019 5:49	Subtransmission	None	TRK 853	NO ISSUES FOUND
12/25/2019 7:48	12/25/2019 13:10	Subtransmission	None	TRK 1527	NO ISSUES FOUND
1/12/2020 10:22	1/12/2020 12:54	Subtransmission	None	TIE 1268	NO ISSUES FOUND
1/15/2020 16:27	1/15/2020 21:41	Subtransmission	None	TRK 4416	NO ISSUES FOUND
1/25/2020 14:17	1/25/2020 21:21	Subtransmission	None	TIE 1531	NO ISSUES FOUND
2/2/2020 16:11	2/2/2020 22:16	Subtransmission	None	TIE 2648	NO ISSUES FOUND
2/3/2020 10:07	2/5/2020 9:23	Subtransmission	None	TRK 5935	NO ISSUES FOUND
2/5/2020 12:37	2/5/2020 14:48	Subtransmission	None	TRK 7324	NO ISSUES FOUND
2/5/2020 12:15	2/5/2020 16:02	Subtransmission	None	TRK 7324	NO ISSUES FOUND
2/13/2020 18:25	2/13/2020 21:04	Subtransmission	None	TIE 4523	NO ISSUES FOUND
2/13/2020 18:39	2/20/2020 7:45	Subtransmission	None	TIE 4523	NO ISSUES FOUND
2/17/2020 17:21	2/17/2020 21:26	Subtransmission	None	TIE 6931	NO ISSUES FOUND
2/17/2020 7:19	2/17/2020 11:07	Subtransmission	None	TRK 2437	NO ISSUES FOUND
2/21/2020 21:39	2/22/2020 12:56	Subtransmission	None	TRK 2205	NO ISSUES FOUND
2/24/2020 20:23	2/24/2020 22:33	Subtransmission	None	TIE 3241	NO ISSUES FOUND
3/10/2020 18:29	3/10/2020 22:57	Subtransmission	None	TIE 5823	NO ISSUES FOUND
3/11/2020 11:37	3/11/2020 14:51	Subtransmission	None	TIE 1568	NO ISSUES FOUND
3/21/2020 8:44	3/21/2020 12:19	Subtransmission	None	TRK 2439	NO ISSUES FOUND
3/25/2020 11:11	3/25/2020 16:00	Subtransmission	None	TIE 1544	NO ISSUES FOUND
3/28/2020 3:13	3/28/2020 6:08	Subtransmission	None	TRK 1232	NO ISSUES FOUND
4/1/2020 7:33	4/1/2020 12:07	Subtransmission	None	TRK 8215	NO ISSUES FOUND
4/2/2020 17:38	4/2/2020 23:13	Subtransmission	None	TRK 3518	NO ISSUES FOUND
4/4/2020 14:08	4/4/2020 18:57	Subtransmission	None	TRK 1470	NO ISSUES FOUND
4/7/2020 11:54	4/7/2020 15:26	Subtransmission	None	TRK 2027	NO ISSUES FOUND
4/10/2020 20:12	4/11/2020 5:07	Subtransmission	None	TRK 7035	NO ISSUES FOUND
4/11/2020 12:28	4/11/2020 17:05	Subtransmission	None	TRK 2922	NO ISSUES FOUND
4/13/2020 7:43	4/13/2020 10:51	Subtransmission	None	TRK 7324	NO ISSUES FOUND
4/19/2020 23:51	4/20/2020 4:57	Subtransmission	None	TRK 7114	NO ISSUES FOUND
4/23/2020 3:20	4/23/2020 15:28	Subtransmission	None	TRK 1423	NO ISSUES FOUND
4/26/2020 6:57	4/26/2020 11:56	Subtransmission	None	TIE 9107	NO ISSUES FOUND
5/2/2020 0:53	5/2/2020 5:13	Subtransmission	None	TIE 6147	NO ISSUES FOUND
5/12/2020 13:23	5/12/2020 14:55	Subtransmission	None	TRK 2437	NO ISSUES FOUND
5/15/2020 17:02	5/15/2020 20:17	Subtransmission	None	TRK 2922	NO ISSUES FOUND
5/18/2020 7:29	5/18/2020 12:11	Subtransmission	None	TIE 3323	NO ISSUES FOUND
5/20/2020 9:15	5/20/2020 14:03	Subtransmission	None	TRK 1525	NO ISSUES FOUND
6/3/2020 3:23	6/3/2020 13:57	Subtransmission	None	TRK 3557	NO ISSUES FOUND
6/4/2020 18:48	6/5/2020 11:40	Subtransmission	None	TIE 8014	NO ISSUES FOUND
6/4/2020 11:44	6/4/2020 12:45	Subtransmission	Distribution	TIE 8014	NO ISSUES FOUND
6/5/2020 10:15	6/6/2020 18:09	Subtransmission	None	TIE 8505	NO ISSUES FOUND
6/10/2020 15:49	6/12/2020 14:14	Subtransmission	None	TIE 7504	NO ISSUES FOUND
6/10/2020 21:20	6/12/2020 14:33	Subtransmission	None	TIE 9123	NO ISSUES FOUND
6/14/2020 22:14	6/15/2020 22:28	Subtransmission	None	TRK 2032	NO ISSUES FOUND
6/19/2020 9:48	6/19/2020 14:08	Subtransmission	None	TRK 2107	NO ISSUES FOUND
6/20/2020 7:38	6/20/2020 15:31	Subtransmission	None	TIE 4412	NO ISSUES FOUND
6/23/2020 21:56	6/23/2020 23:36	Subtransmission	Distribution	TRK 853	NO ISSUES FOUND
6/23/2020 22:08	6/24/2020 3:48	Subtransmission	None	TRK 853	NO ISSUES FOUND
6/29/2020 16:19	6/30/2020 15:14	Subtransmission	None	TIE 8014	NO ISSUES FOUND
6/29/2020 18:10	6/29/2020 21:04	Subtransmission	None	TRK 1116	NO ISSUES FOUND
7/1/2020 6:58	7/1/2020 10:39	Subtransmission	None	TRK 2032	NO ISSUES FOUND
7/2/2020 7:42	7/2/2020 10:30	Subtransmission	None	TRK 3534	NO ISSUES FOUND
7/8/2020 17:45	7/8/2020 23:38	Subtransmission	None	TIE 1318	NO ISSUES FOUND
7/9/2020 0:22	7/9/2020 1:50	Subtransmission	None	TRK 2806	NO ISSUES FOUND
7/10/2020 10:06	7/10/2020 20:44	Subtransmission	None	TIE 2648	NO ISSUES FOUND
7/12/2020 15:43	7/12/2020 19:32	Subtransmission	None	TRK 1314	NO ISSUES FOUND
7/17/2020 13:35	7/17/2020 16:50	Subtransmission	None	TIE 1224	NO ISSUES FOUND
7/17/2020 7:24	7/17/2020 10:14	Subtransmission	None	TRK 7115	NO ISSUES FOUND
7/19/2020 11:29	7/20/2020 11:35	Subtransmission	None	TRK 5817	NO ISSUES FOUND
7/19/2020 11:32	7/20/2020 11:36	Subtransmission	None	TRK 5823	NO ISSUES FOUND
7/25/2020 11:08	7/25/2020 18:28	Subtransmission	None	TRK 2218	NO ISSUES FOUND
7/30/2020 7:56	7/30/2020 17:13	Subtransmission	None	TRK 5855	NO ISSUES FOUND
8/2/2020 21:13	8/3/2020 13:48	Subtransmission	None	TIE 7702	NO ISSUES FOUND
8/11/2020 12:46	8/12/2020 17:14	Subtransmission	None	TRK 6304	NO ISSUES FOUND
8/14/2020 1:42	8/14/2020 16:02	Subtransmission	None	TIE 9107	NO ISSUES FOUND
8/18/2020 7:34	8/18/2020 10:20	Subtransmission	None	TIE 6621	NO ISSUES FOUND
8/22/2020 17:09	8/23/2020 0:52	Subtransmission	None	TRK 3508	NO ISSUES FOUND
8/22/2020 14:54	8/22/2020 19:33	Subtransmission	None	TRK 6941	NO ISSUES FOUND
8/25/2020 13:43	8/25/2020 20:10	Subtransmission	None	TIE 6907	NO ISSUES FOUND
8/26/2020 7:41	8/26/2020 16:13	Subtransmission	None	TIE 2648	NO ISSUES FOUND
8/28/2020 3:14	8/28/2020 10:00	Subtransmission	None	TIE 8511	NO ISSUES FOUND

8/28/2020 4:07	8/28/2020 16:03	Subtransmission	None	TRK 2742	NO ISSUES FOUND
8/28/2020 6:59	8/29/2020 10:15	Subtransmission	None	TRK 2742	NO ISSUES FOUND
9/1/2020 19:57	9/2/2020 4:57	Subtransmission	None	TIE 4105	NO ISSUES FOUND
9/7/2020 11:39	9/7/2020 16:35	Subtransmission	None	TRK 5145	NO ISSUES FOUND
9/7/2020 12:22	9/7/2020 20:29	Subtransmission	Distribution	TRK 5145	NO ISSUES FOUND
9/29/2020 8:31	9/30/2020 3:31	Subtransmission	None	TRK 4501	NO ISSUES FOUND
10/10/2020 17:04	10/10/2020 20:04	Subtransmission	None	TRK 1303	NO ISSUES FOUND
10/11/2020 11:02	10/11/2020 12:43	Subtransmission	None	TRK 3632	NO ISSUES FOUND
10/16/2020 16:31	10/16/2020 23:41	Subtransmission	None	TIE 810	NO ISSUES FOUND
10/23/2020 17:04	10/25/2020 12:54	Subtransmission	None	TRK 2305	NO ISSUES FOUND
10/27/2020 13:48	10/27/2020 17:56	Subtransmission	None	TIE 2810	NO ISSUES FOUND
10/27/2020 23:55	10/28/2020 1:03	Subtransmission	None	TRK 2523	NO ISSUES FOUND
11/11/2020 8:16	11/11/2020 15:02	Subtransmission	None	TRK 4416	NO ISSUES FOUND
12/31/2020 0:25	12/31/2020 4:25	Subtransmission	None	TIE 1224	NO ISSUES FOUND
1/2/2021 16:31	1/4/2021 1:03	Subtransmission	None	TIE 5820	NO ISSUES FOUND
2/12/2021 9:04	2/12/2021 11:27	Subtransmission	None	TRK 5923	NO ISSUES FOUND
2/21/2021 13:46	2/21/2021 19:20	Subtransmission	None	TRK 4301	NO ISSUES FOUND
3/8/2021 23:04	3/9/2021 15:45	Subtransmission	None	TIE 3209	NO ISSUES FOUND
3/9/2021 21:59	3/10/2021 7:28	Subtransmission	None	TRK 1218	NO ISSUES FOUND
3/9/2021 12:22	3/9/2021 15:53	Subtransmission	None	TRK 3617	NO ISSUES FOUND
3/11/2021 15:37	3/11/2021 18:55	Subtransmission	None	TRK 7150	NO ISSUES FOUND
3/12/2021 0:15	3/12/2021 11:57	Subtransmission	None	TIE 7504	NO ISSUES FOUND
3/24/2021 20:40	3/25/2021 11:37	Subtransmission	None	TRK 1502	NO ISSUES FOUND
4/1/2021 7:12	4/1/2021 9:37	Subtransmission	None	TRK 7602	NO ISSUES FOUND
4/6/2021 23:24	4/7/2021 15:36	Subtransmission	None	TIE 3220	NO ISSUES FOUND
4/9/2021 17:37	4/11/2021 6:22	Subtransmission	None	TIE 8033	NO ISSUES FOUND
4/9/2021 15:34	4/9/2021 21:47	Subtransmission	None	TRK 1444	NO ISSUES FOUND
4/10/2021 11:23	4/10/2021 16:24	Subtransmission	None	TRK 7386	NO ISSUES FOUND
4/12/2021 7:58	4/12/2021 18:44	Subtransmission	None	TIE 7430	NO ISSUES FOUND
4/30/2021 20:13	5/1/2021 10:42	Subtransmission	None	TRK 2543	NO ISSUES FOUND
5/14/2021 7:46	5/14/2021 12:03	Subtransmission	None	TIE 1473	NO ISSUES FOUND
5/27/2021 6:43	5/27/2021 9:35	Subtransmission	None	TRK 1218	NO ISSUES FOUND
5/29/2021 10:44	5/29/2021 17:51	Subtransmission	None	TRK 2319	NO ISSUES FOUND
5/29/2021 17:43	5/30/2021 0:16	Subtransmission	None	TRK 6508	NO ISSUES FOUND
5/30/2021 6:17	5/31/2021 14:08	Subtransmission	None	TRK 2319	NO ISSUES FOUND
6/2/2021 17:54	6/2/2021 23:09	Subtransmission	None	TRK 2319	NO ISSUES FOUND
6/2/2021 16:45	6/2/2021 18:28	Subtransmission	None	TRK 2543	NO ISSUES FOUND
6/2/2021 8:27	6/2/2021 14:50	Subtransmission	None	TRK 7106	NO ISSUES FOUND
6/3/2021 14:18	6/3/2021 18:53	Subtransmission	None	TRK 2510	NO ISSUES FOUND
6/5/2021 14:17	6/6/2021 13:30	Subtransmission	None	TRK 2508	NO ISSUES FOUND
6/9/2021 21:44	6/10/2021 12:58	Subtransmission	None	TRK 1418	NO ISSUES FOUND
6/18/2021 11:28	6/20/2021 5:38	Subtransmission	None	TRK 1502	NO ISSUES FOUND
6/20/2021 21:11	6/22/2021 21:43	Subtransmission	None	TIE 8804	NO ISSUES FOUND
6/21/2021 4:48	6/22/2021 19:10	Subtransmission	None	TRK 5404	NO ISSUES FOUND
6/24/2021 9:29	6/25/2021 8:38	Subtransmission	None	TIE 3203	NO ISSUES FOUND
6/29/2021 16:08	6/29/2021 21:58	Subtransmission	None	TIE 6621	NO ISSUES FOUND
7/1/2021 3:48	7/1/2021 8:36	Subtransmission	None	TRK 1502	NO ISSUES FOUND
7/2/2021 8:03	7/2/2021 16:54	Subtransmission	None	TRK 2038	NO ISSUES FOUND
7/4/2021 17:55	7/4/2021 20:06	Subtransmission	None	TRK 2611	NO ISSUES FOUND
7/6/2021 3:10	7/6/2021 14:42	Subtransmission	None	TIE 8511	NO ISSUES FOUND
7/6/2021 16:00	7/6/2021 21:09	Subtransmission	None	TRK 6508	NO ISSUES FOUND
7/8/2021 10:50	7/8/2021 22:33	Subtransmission	None	TIE 3220	NO ISSUES FOUND
7/12/2021 14:16	7/12/2021 17:22	Subtransmission	None	TRK 6828	NO ISSUES FOUND
7/17/2021 8:33	7/17/2021 12:44	Subtransmission	None	TIE 1318	NO ISSUES FOUND
7/23/2021 7:56	7/24/2021 12:04	Subtransmission	None	TRK 7150	NO ISSUES FOUND
7/24/2021 10:02	7/24/2021 19:14	Subtransmission	None	TRK 6841	NO ISSUES FOUND
7/29/2021 22:35	7/30/2021 20:11	Subtransmission	None	TIE 2648	NO ISSUES FOUND
8/7/2021 15:15	8/7/2021 18:33	Subtransmission	None	TIE 1318	NO ISSUES FOUND
8/7/2021 15:09	8/7/2021 16:00	Subtransmission	Distribution	TIE 1318	NO ISSUES FOUND
8/8/2021 16:37	8/14/2021 13:26	Subtransmission	None	TRK 1403	NO ISSUES FOUND
8/21/2021 13:05	8/21/2021 14:00	Subtransmission	Subtransmission	TIE 1318	NO ISSUES FOUND
8/21/2021 13:04	8/21/2021 14:00	Subtransmission	Distribution	TIE 1318	NO ISSUES FOUND
8/21/2021 13:07	8/21/2021 14:00	Subtransmission	Distribution	TIE 1318	NO ISSUES FOUND
8/21/2021 13:17	8/21/2021 16:02	Subtransmission	None	TIE 1318	NO ISSUES FOUND
9/17/2021 19:14	9/17/2021 21:23	Subtransmission	None	TRK 2439	NO ISSUES FOUND
9/23/2021 15:01	9/27/2021 7:49	Subtransmission	None	TIE 2812	NO ISSUES FOUND
10/8/2021 7:41	10/8/2021 16:07	Subtransmission	None	TIE 3800	NO ISSUES FOUND
10/15/2021 4:56	10/15/2021 13:26	Subtransmission	None	TIE 1423	NO ISSUES FOUND
10/15/2021 6:55	10/15/2021 13:32	Subtransmission	None	TRK 2301	NO ISSUES FOUND
10/26/2021 20:45	10/29/2021 18:28	Subtransmission	None	TRK 5522	NO ISSUES FOUND
11/21/2021 0:42	11/23/2021 22:29	Subtransmission	None	TRK 2027	NO ISSUES FOUND
12/18/2021 20:30	12/19/2021 12:22	Subtransmission	None	TRK 2313	NO ISSUES FOUND
12/18/2021 11:03	12/19/2021 13:33	Subtransmission	None	TRK 2411	NO ISSUES FOUND
1/3/2022 2:13	1/4/2022 11:20	Subtransmission	None	TRK 1276	NO ISSUES FOUND
1/5/2022 10:43	1/5/2022 13:39	Subtransmission	None	TIE 1473	NO ISSUES FOUND
1/5/2022 10:38	1/5/2022 13:00	Subtransmission	Distribution	TIE 1473	NO ISSUES FOUND
1/24/2022 17:31	1/25/2022 13:52	Subtransmission	None	TRK 1276	NO ISSUES FOUND
1/24/2022 15:10	1/24/2022 19:43	Subtransmission	None	TRK 1276	NO ISSUES FOUND
2/11/2022 10:55	2/11/2022 14:34	Subtransmission	None	TRK 7150	NO ISSUES FOUND
2/18/2022 10:18	2/18/2022 15:26	Subtransmission	None	TRK 1248	NO ISSUES FOUND
2/19/2022 4:11	2/19/2022 12:32	Subtransmission	None	TIE 9211	NO ISSUES FOUND
2/28/2022 7:23	2/28/2022 13:37	Subtransmission	None	TIE 3417	NO ISSUES FOUND
2/28/2022 1:56	2/28/2022 13:57	Subtransmission	None	TIE 6907	NO ISSUES FOUND
3/6/2022 13:13	3/6/2022 16:28	Subtransmission	None	TRK 2443	NO ISSUES FOUND
3/6/2022 10:35	3/8/2022 0:20	Subtransmission	None	TRK 2611	NO ISSUES FOUND
3/19/2022 9:15	3/19/2022 17:41	Subtransmission	None	TIE 6117	NO ISSUES FOUND
3/23/2022 17:46	3/26/2022 7:37	Subtransmission	None	TIE 8033	NO ISSUES FOUND
3/31/2022 6:11	3/31/2022 15:19	Subtransmission	None	TIE 226	NO ISSUES FOUND
3/31/2022 2:55	3/31/2022 12:13	Subtransmission	None	TIE 3402	NO ISSUES FOUND
3/31/2022 5:00	4/1/2022 20:47	Subtransmission	None	TIE 6147	NO ISSUES FOUND
3/31/2022 19:23	4/1/2022 0:37	Subtransmission	None	TIE 9123	NO ISSUES FOUND
3/31/2022 8:42	3/31/2022 14:44	Subtransmission	None	TRK 6172	NO ISSUES FOUND
4/3/2022 15:58	4/3/2022 21:06	Subtransmission	None	TRK 1502	NO ISSUES FOUND
4/6/2022 10:39	4/7/2022 8:28	Subtransmission	None	TRK 2319	NO ISSUES FOUND
4/10/2022 9:17	4/10/2022 13:04	Subtransmission	None	TRK 2250	NO ISSUES FOUND
4/13/2022 13:54	4/13/2022 19:20	Subtransmission	None	TRK 5404	NO ISSUES FOUND
4/14/2022 16:22	4/15/2022 13:14	Subtransmission	None	TIE 3205	NO ISSUES FOUND
4/14/2022 15:16	4/15/2022 18:35	Subtransmission	None	TIE 4412	NO ISSUES FOUND
4/14/2022 15:21	4/15/2022 21:34	Subtransmission	None	TIE 9205	NO ISSUES FOUND
4/14/2022 14:16	4/14/2022 17:22	Subtransmission	None	TRK 2107	NO ISSUES FOUND
4/15/2022 15:29	4/16/2022 1:17	Subtransmission	None	TIE 3417	NO ISSUES FOUND
4/18/2022 20:42	4/19/2022 4:56	Subtransmission	None	TIE 6931	NO ISSUES FOUND
4/18/2022 17:12	4/18/2022 22:13	Subtransmission	None	TIE 6931	NO ISSUES FOUND
4/19/2022 8:06	4/19/2022 21:18	Subtransmission	None	TIE 226	NO ISSUES FOUND
4/20/2022 11:30	4/21/2022 4:32	Subtransmission	None	TIE 4105	NO ISSUES FOUND

4/23/2022 8:45	4/23/2022 13:09	Subtransmission	None	TIE 1473	NO ISSUES FOUND
4/26/2022 8:00	4/27/2022 2:37	Subtransmission	None	TRK 7106	NO ISSUES FOUND
4/28/2022 0:41	4/29/2022 23:55	Subtransmission	None	TIE 1568	NO ISSUES FOUND
5/1/2022 3:48	5/1/2022 9:33	Subtransmission	None	TRK 1346	NO ISSUES FOUND
5/3/2022 13:01	5/4/2022 10:51	Subtransmission	None	TRK 8414	NO ISSUES FOUND
5/9/2022 8:45	5/9/2022 10:00	Subtransmission	Distribution	TRK 2107	NO ISSUES FOUND
5/14/2022 18:21	5/15/2022 1:43	Subtransmission	None	TIE 3417	NO ISSUES FOUND
5/24/2022 15:23	5/24/2022 20:39	Subtransmission	None	TRK 2027	NO ISSUES FOUND
5/24/2022 7:50	5/24/2022 14:42	Subtransmission	None	TRK 5935	NO ISSUES FOUND
5/25/2022 16:25	5/25/2022 21:59	Subtransmission	None	TIE 3800	NO ISSUES FOUND
5/26/2022 15:17	5/26/2022 18:10	Subtransmission	None	TIE 7621	NO ISSUES FOUND
5/31/2022 18:49	5/31/2022 21:06	Subtransmission	None	TIE 3417	NO ISSUES FOUND
6/1/2022 20:52	6/2/2022 19:54	Subtransmission	None	TRK 346	NO ISSUES FOUND
6/6/2022 17:02	6/9/2022 16:39	Subtransmission	None	TIE4105	NO ISSUES FOUND
6/8/2022 21:51	6/9/2022 14:29	Subtransmission	None	TRK 1502	NO ISSUES FOUND
6/12/2022 7:03	6/12/2022 9:02	Subtransmission	None	TRK 2466	NO ISSUES FOUND
6/16/2022 6:03	6/17/2022 10:27	Subtransmission	None	TIE 9123	NO ISSUES FOUND
6/20/2022 10:31	6/20/2022 15:22	Subtransmission	None	TRK 4428	NO ISSUES FOUND
6/24/2022 7:50	6/24/2022 10:18	Subtransmission	None	TRK 2439	NO ISSUES FOUND
6/25/2022 20:21	6/26/2022 11:10	Subtransmission	None	TIE 1467	NO ISSUES FOUND
7/2/2022 16:22	7/2/2022 22:44	Subtransmission	None	TRK 7324	NO ISSUES FOUND
7/4/2022 11:40	7/5/2022 15:40	Subtransmission	None	TIE 4428	NO ISSUES FOUND
7/5/2022 7:10	7/5/2022 15:55	Subtransmission	None	TRK 1243	NO ISSUES FOUND
7/5/2022 7:06	7/8/2022 2:06	Subtransmission	None	TRK 2918	NO ISSUES FOUND
7/5/2022 7:09	7/5/2022 11:11	Subtransmission	None	TRK 6828	NO ISSUES FOUND
7/7/2022 8:47	7/7/2022 11:39	Subtransmission	None	TRK 7733	NO ISSUES FOUND
7/7/2022 10:32	7/7/2022 18:27	Subtransmission	None	TIE 6310	NO ISSUES FOUND
7/7/2022 19:33	7/8/2022 0:55	Subtransmission	None	TRK 2918	NO ISSUES FOUND
7/8/2022 7:50	7/8/2022 10:47	Subtransmission	None	TRK 6854	NO ISSUES FOUND
7/10/2022 18:44	7/10/2022 22:17	Subtransmission	None	TRK 2466	NO ISSUES FOUND
7/11/2022 17:34	7/11/2022 21:36	Subtransmission	None	TRK 2005	NO ISSUES FOUND
7/14/2022 12:27	7/14/2022 19:41	Subtransmission	None	TRK 3508	NO ISSUES FOUND
7/24/2022 0:43	7/24/2022 6:42	Subtransmission	None	TRK 2027	NO ISSUES FOUND
7/28/2022 19:40	7/29/2022 2:34	Subtransmission	None	TRK 3518	NO ISSUES FOUND
8/1/2022 12:55	8/1/2022 19:57	Subtransmission	None	TIE 5513	NO ISSUES FOUND
8/2/2022 10:36	8/2/2022 13:08	Subtransmission	None	TIE 1467	NO ISSUES FOUND
8/8/2022 14:43	8/10/2022 0:29	Subtransmission	None	TIE4105	NO ISSUES FOUND
8/8/2022 9:11	8/8/2022 18:15	Subtransmission	None	TIE 5823	NO ISSUES FOUND
8/10/2022 8:27	8/10/2022 13:40	Subtransmission	None	TRK 1276	NO ISSUES FOUND
8/14/2022 20:22	8/15/2022 2:26	Subtransmission	None	TRK 7106	NO ISSUES FOUND
8/21/2022 11:23	8/21/2022 15:23	Subtransmission	None	TIE 7745	NO ISSUES FOUND
8/27/2022 20:47	8/28/2022 12:51	Subtransmission	None	TRK 1502	NO ISSUES FOUND
8/30/2022 10:22	8/30/2022 11:54	Subtransmission	None	TRK 2027	NO ISSUES FOUND
8/30/2022 7:49	8/30/2022 10:31	Subtransmission	None	TIE 1568	NO ISSUES FOUND
8/30/2022 7:47	8/31/2022 16:56	Subtransmission	None	TRK 1527	NO ISSUES FOUND
8/30/2022 10:18	9/2/2022 23:42	Subtransmission	None	TRK 4412	NO ISSUES FOUND
8/30/2022 10:32	8/30/2022 12:29	Subtransmission	None	TRK 5923	NO ISSUES FOUND
9/3/2022 1:51	9/4/2022 15:57	Subtransmission	None	TIE 4523	NO ISSUES FOUND
9/3/2022 19:39	9/4/2022 1:01	Subtransmission	None	TIE 1318	NO ISSUES FOUND
9/3/2022 12:16	9/4/2022 13:09	Subtransmission	None	TRK 1502	NO ISSUES FOUND
9/4/2022 10:38	9/5/2022 20:41	Subtransmission	None	TIE 1467	NO ISSUES FOUND
9/5/2022 14:15	9/5/2022 21:13	Subtransmission	None	TIE 8014	NO ISSUES FOUND
9/5/2022 8:06	9/7/2022 16:04	Subtransmission	None	TIE 9111	NO ISSUES FOUND
9/5/2022 14:39	9/5/2022 20:58	Subtransmission	None	TRK 2027	NO ISSUES FOUND
9/7/2022 9:15	9/9/2022 7:49	Subtransmission	None	TIE 2819	NO ISSUES FOUND
9/8/2022 9:27	9/10/2022 20:24	Subtransmission	None	TRK 5855	NO ISSUES FOUND
9/9/2022 18:45	9/11/2022 8:08	Subtransmission	None	TRK 5510	NO ISSUES FOUND
9/11/2022 23:05	9/12/2022 20:28	Subtransmission	None	TRK 2027	NO ISSUES FOUND
9/18/2022 3:26	9/18/2022 10:59	Subtransmission	None	TIE 185	NO ISSUES FOUND
9/19/2022 12:27	9/19/2022 20:55	Subtransmission	None	TIE 3417	NO ISSUES FOUND
9/20/2022 23:00	9/23/2022 20:05	Subtransmission	None	TRK 8215	NO ISSUES FOUND
9/21/2022 4:08	9/26/2022 10:23	Subtransmission	None	TRK 4338	NO ISSUES FOUND
9/22/2022 2:57	9/22/2022 8:24	Subtransmission	None	TRK 2636	NO ISSUES FOUND
9/23/2022 14:18	9/26/2022 14:08	Subtransmission	None	TIE 2025	NO ISSUES FOUND
9/25/2022 12:28	9/25/2022 15:38	Subtransmission	None	TIE 185	NO ISSUES FOUND
9/25/2022 16:14	9/26/2022 17:49	Subtransmission	None	TRK 2301	NO ISSUES FOUND
9/26/2022 14:21	9/28/2022 14:23	Subtransmission	None	TIE 8033	NO ISSUES FOUND
10/5/2022 14:13	10/8/2022 16:18	Subtransmission	None	TRK 8414	NO ISSUES FOUND
10/6/2022 21:06	10/7/2022 12:51	Subtransmission	None	TIE 8014	NO ISSUES FOUND
10/9/2022 9:45	10/9/2022 13:04	Subtransmission	None	TRK 2918	NO ISSUES FOUND
10/14/2022 0:19	10/14/2022 16:03	Subtransmission	None	TIE 3241	NO ISSUES FOUND
10/14/2022 0:07	10/15/2022 12:58	Subtransmission	None	TIE 3241	NO ISSUES FOUND
10/21/2022 13:03	10/22/2022 11:52	Subtransmission	None	TIE 3417	NO ISSUES FOUND
10/23/2022 16:06	10/24/2022 3:35	Subtransmission	None	TIE 226	NO ISSUES FOUND
10/26/2022 14:29	10/31/2022 11:56	Subtransmission	None	TIE 6172	NO ISSUES FOUND
11/5/2022 11:59	11/5/2022 18:02	Subtransmission	None	TIE 9123	NO ISSUES FOUND
11/21/2022 11:57	11/21/2022 16:41	Subtransmission	None	TRK 1303	NO ISSUES FOUND
11/27/2022 15:23	11/27/2022 18:54	Subtransmission	None	TRK 6941	NO ISSUES FOUND
11/29/2022 7:47	11/30/2022 11:32	Subtransmission	None	TRK 2439	NO ISSUES FOUND
11/30/2022 17:52	12/1/2022 16:29	Subtransmission	None	TIE 4109	NO ISSUES FOUND
12/3/2022 8:10	12/19/2022 19:21	Subtransmission	None	TIE 9211	NO ISSUES FOUND
12/5/2022 13:49	12/8/2022 22:37	Subtransmission	None	TRK 7324	NO ISSUES FOUND
12/12/2022 16:34	12/12/2022 23:49	Subtransmission	None	TIE 6907	NO ISSUES FOUND
12/15/2022 5:27	12/15/2022 10:27	Subtransmission	None	TIE 3323	NO ISSUES FOUND
12/22/2022 14:11	12/22/2022 17:18	Subtransmission	None	TRK 5526	NO ISSUES FOUND
12/23/2022 1:15	12/23/2022 17:16	Subtransmission	None	TIE4105	NO ISSUES FOUND
12/23/2022 12:53	12/24/2022 21:07	Subtransmission	None	TIE 3206	NO ISSUES FOUND
12/23/2022 15:13	12/24/2022 20:15	Subtransmission	None	TIE 817	NO ISSUES FOUND
12/24/2022 11:43	12/24/2022 21:07	Subtransmission	None	TIE4105	NO ISSUES FOUND
12/30/2022 2:19	12/30/2022 10:28	Subtransmission	None	TRK 1502	NO ISSUES FOUND
1/1/2023 8:50	1/1/2023 19:49	Subtransmission	None	TRK 2027	NO ISSUES FOUND
1/4/2023 11:29	1/5/2023 8:02	Subtransmission	None	TIE 2812	NO ISSUES FOUND
1/19/2023 10:12	1/19/2023 17:21	Subtransmission	None	TIE 3205	NO ISSUES FOUND
1/23/2023 7:56	1/23/2023 14:23	Subtransmission	None	TRK 2087	NO ISSUES FOUND
1/25/2023 15:28	1/25/2023 21:02	Subtransmission	None	TRK 1232	NO ISSUES FOUND
1/26/2023 0:50	1/28/2023 10:34	Subtransmission	None	TIE 4428	NO ISSUES FOUND
1/28/2023 12:51	1/28/2023 14:22	Subtransmission	None	TIE 4428	NO ISSUES FOUND
2/9/2023 8:56	2/9/2023 13:21	Subtransmission	None	TRK 1862	NO ISSUES FOUND
2/10/2023 18:22	2/12/2023 7:48	Subtransmission	None	TRK 7729	NO ISSUES FOUND
2/10/2023 18:35	2/10/2023 21:24	Subtransmission	None	TRK 7729	NO ISSUES FOUND
2/10/2023 18:10	2/11/2023 0:04	Subtransmission	Subtransmission	TRK 7729	NO ISSUES FOUND
2/15/2023 16:33	2/16/2023 21:47	Subtransmission	Single Customer	TIE 3245	NO ISSUES FOUND
2/15/2023 14:52	2/16/2023 22:55	Subtransmission		TIE 9211	NO ISSUES FOUND
2/15/2023 15:33	2/16/2023 16:14	Subtransmission		TIE 3245	NO ISSUES FOUND
2/15/2023 14:26	2/16/2023 17:13	Subtransmission		TIE 3245	NO ISSUES FOUND

2/22/2023 17:58	2/24/2023 20:26	Subtransmission	TIE 3205			NO ISSUES FOUND
2/22/2023 18:17	2/22/2023 18:47	Subtransmission	TRK 2054			NO ISSUES FOUND
2/22/2023 18:09	2/22/2023 21:43	Subtransmission	TRK 2054	1	109	NO ISSUES FOUND
2/23/2023 9:12	2/26/2023 16:57	Subtransmission	TRK 1340			NO ISSUES FOUND
2/27/2023 16:00	3/3/2023 6:18	Subtransmission	TIE 3212			NO ISSUES FOUND
2/27/2023 15:27	3/3/2023 6:16	Subtransmission	TIE 3323			NO ISSUES FOUND
2/27/2023 14:28	2/28/2023 2:13	Subtransmission	TRK 2826			NO ISSUES FOUND
3/3/2023 17:26	3/4/2023 5:06	Subtransmission	TRK 2918			NO ISSUES FOUND
3/3/2023 21:24	3/5/2023 8:08	Subtransmission	TRK 6919	1	1142	NO ISSUES FOUND
3/4/2023 16:21	3/5/2023 8:20	Subtransmission	TIE 6931			NO ISSUES FOUND
3/4/2023 2:54	3/4/2023 13:51	Subtransmission	TRK 141			NO ISSUES FOUND
3/4/2023 0:12	3/4/2023 16:55	Subtransmission	TRK 1544			NO ISSUES FOUND
3/4/2023 0:38	3/6/2023 8:42	Subtransmission	TRK 2308			NO ISSUES FOUND
3/4/2023 8:12	3/6/2023 18:54	Subtransmission	TRK 2659			NO ISSUES FOUND
3/4/2023 11:54	3/4/2023 17:30	Subtransmission	TRK 7187			NO ISSUES FOUND
3/5/2023 0:32	3/7/2023 16:45	Subtransmission	TIE 1531			NO ISSUES FOUND
3/6/2023 11:35	3/6/2023 17:39	Subtransmission	TRK 4405			NO ISSUES FOUND
3/7/2023 17:29	3/11/2023 21:08	Subtransmission	TIE 1540			NO ISSUES FOUND
3/15/2023 13:20	3/27/2023 7:39	Subtransmission	TRK 1218			NO ISSUES FOUND
3/15/2023 10:52	3/15/2023 13:10	Subtransmission	TRK 385			NO ISSUES FOUND
3/15/2023 10:49	3/15/2023 14:18	Subtransmission	TRK 385			NO ISSUES FOUND
3/15/2023 13:14	3/15/2023 20:07	Subtransmission	TRK 1218			NO ISSUES FOUND
3/16/2023 6:46	3/16/2023 7:10	Subtransmission	TRK 362			NO ISSUES FOUND
3/17/2023 14:09	3/17/2023 15:09	Subtransmission	TRK 2022			NO ISSUES FOUND
3/17/2023 19:14	3/20/2023 12:10	Subtransmission	TIE 1568			NO ISSUES FOUND
3/17/2023 14:09	3/17/2023 15:10	Subtransmission	TRK 2022			NO ISSUES FOUND
3/23/2023 13:16	3/23/2023 16:04	Subtransmission	TRK 2301			NO ISSUES FOUND
3/25/2023 15:04	3/26/2023 8:50	Subtransmission	TIE 6517			NO ISSUES FOUND
3/25/2023 15:20	3/27/2023 7:42	Subtransmission	TRK 1423			NO ISSUES FOUND
3/25/2023 16:35	3/26/2023 11:39	Subtransmission	TRK 2016			NO ISSUES FOUND
3/25/2023 15:38	3/27/2023 7:42	Subtransmission	TRK 2107			NO ISSUES FOUND
3/25/2023 16:24	3/27/2023 7:42	Subtransmission	TRK 2308			NO ISSUES FOUND
3/25/2023 16:44	3/27/2023 7:40	Subtransmission	TRK 3511			NO ISSUES FOUND
3/25/2023 15:19	3/27/2023 7:41	Subtransmission	TRK 4911			NO ISSUES FOUND
3/25/2023 15:43	3/26/2023 16:38	Subtransmission	TRK 6508			NO ISSUES FOUND
4/1/2023 12:27	4/1/2023 15:32	Subtransmission	TRK 2506			NO ISSUES FOUND
4/1/2023 9:05	4/4/2023 7:55	Subtransmission	TRK 5938			NO ISSUES FOUND
4/2/2023 11:38	4/4/2023 2:55	Subtransmission	TIE 3203			NO ISSUES FOUND
4/2/2023 10:29	4/4/2023 2:56	Subtransmission	TIE 3416			NO ISSUES FOUND
4/5/2023 8:39	4/6/2023 0:33	Subtransmission	TIE 3241			NO ISSUES FOUND
4/5/2023 11:08	4/6/2023 0:35	Subtransmission	TIE 3241			NO ISSUES FOUND
4/5/2023 3:06	4/5/2023 14:24	Subtransmission	TIE 7520			NO ISSUES FOUND
4/5/2023 8:51	4/6/2023 0:33	Subtransmission	TIE 9205			NO ISSUES FOUND
4/5/2023 15:45	4/6/2023 0:36	Subtransmission	TRK 4911			NO ISSUES FOUND
4/6/2023 16:23	4/7/2023 5:33	Subtransmission	TIE 3417			NO ISSUES FOUND
4/6/2023 15:33	4/6/2023 15:39	Subtransmission	TRK 2027			NO ISSUES FOUND
4/6/2023 4:15	4/6/2023 5:37	Subtransmission	TRK 2247			NO ISSUES FOUND
4/6/2023 4:15	4/6/2023 5:41	Subtransmission	TRK 2247			NO ISSUES FOUND
4/6/2023 4:15	4/6/2023 5:36	Subtransmission	TRK 2247	1	6	NO ISSUES FOUND
4/6/2023 4:15	4/6/2023 5:35	Subtransmission	TRK 2247			NO ISSUES FOUND
4/6/2023 4:15	4/6/2023 5:41	Subtransmission	TRK 2247			NO ISSUES FOUND
4/6/2023 3:56	4/6/2023 13:01	Subtransmission	TRK 2247			NO ISSUES FOUND
4/6/2023 5:45	4/6/2023 17:00	Subtransmission	TRK 2659			NO ISSUES FOUND
4/10/2023 21:06	4/11/2023 0:16	Subtransmission	TRK 2111			NO ISSUES FOUND
4/10/2023 8:17	4/10/2023 10:31	Subtransmission	TRK 3650			NO ISSUES FOUND
4/16/2023 13:29	4/17/2023 6:01	Subtransmission	TIE 9123			NO ISSUES FOUND
4/19/2023 0:15	4/19/2023 19:20	Subtransmission	TIE 2812			NO ISSUES FOUND
4/23/2023 16:53	4/24/2023 6:16	Subtransmission	TRK 2308			NO ISSUES FOUND
5/6/2023 11:11	5/6/2023 18:01	Subtransmission	TRK 2439			NO ISSUES FOUND
5/11/2023 19:10	5/12/2023 23:52	Subtransmission	TRK 4971			NO ISSUES FOUND
5/18/2023 10:23	5/22/2023 23:46	Subtransmission	TRK 3546			NO ISSUES FOUND
5/19/2023 0:53	5/19/2023 22:01	Subtransmission	TIE 9205			NO ISSUES FOUND
5/21/2023 7:56	5/21/2023 17:44	Subtransmission	TRK 7035			NO ISSUES FOUND
5/27/2023 12:32	5/27/2023 13:49	Subtransmission	TRK 1525			NO ISSUES FOUND
5/27/2023 6:57	5/28/2023 20:30	Subtransmission	TRK 2313			NO ISSUES FOUND
5/27/2023 5:24	5/27/2023 9:44	Subtransmission	TRK 2523			NO ISSUES FOUND
6/6/2023 10:10	6/6/2023 13:07	Subtransmission	TIE 4570			NO ISSUES FOUND
6/7/2023 21:02	6/8/2023 3:42	Subtransmission	TIE 1312			NO ISSUES FOUND
6/7/2023 20:41	6/8/2023 4:32	Subtransmission	TIE 1312			NO ISSUES FOUND
6/8/2023 10:33	6/11/2023 14:48	Subtransmission	TRK 5938			NO ISSUES FOUND
6/8/2023 10:28	6/8/2023 13:43	Subtransmission	TRK 5938			NO ISSUES FOUND
6/9/2023 9:54	6/9/2023 19:17	Subtransmission	TIE 6602			NO ISSUES FOUND
6/11/2023 22:01	6/15/2023 10:55	Subtransmission	TIE 2819			NO ISSUES FOUND
6/11/2023 10:45	6/11/2023 17:16	Subtransmission	TIE 6907			NO ISSUES FOUND
6/11/2023 17:19	6/15/2023 13:17	Subtransmission	TRK 2931			NO ISSUES FOUND
6/11/2023 8:09	6/11/2023 16:27	Subtransmission	TRK 7065			NO ISSUES FOUND
6/11/2023 16:49	6/15/2023 13:19	Subtransmission	TRK 7065			NO ISSUES FOUND
6/14/2023 3:21	6/14/2023 11:46	Subtransmission	TIE 4104			NO ISSUES FOUND
6/15/2023 15:23	6/19/2023 15:53	Subtransmission	TIE 3206			NO ISSUES FOUND
6/18/2023 9:48	6/19/2023 7:40	Subtransmission	TIE 2648			NO ISSUES FOUND
6/23/2023 14:12	6/24/2023 19:09	Subtransmission	TRK 6741			NO ISSUES FOUND
6/23/2023 9:55	6/23/2023 14:41	Subtransmission	TRK 6854			NO ISSUES FOUND
6/23/2023 8:37	6/27/2023 14:08	Subtransmission	TRK 7130			NO ISSUES FOUND
6/24/2023 18:08	6/27/2023 11:15	Subtransmission	TRK 2418			NO ISSUES FOUND
6/26/2023 4:05	6/27/2023 1:55	Subtransmission	TRK 2659			NO ISSUES FOUND
6/27/2023 19:19	6/29/2023 12:30	Subtransmission	TRK 2713			NO ISSUES FOUND
6/28/2023 4:40	7/2/2023 8:26	Subtransmission	TRK 5906			NO ISSUES FOUND
6/28/2023 10:08	6/29/2023 12:29	Subtransmission	TRK 2713			NO ISSUES FOUND
7/1/2023 9:52	7/8/2023 5:53	Subtransmission	TIE 9111			NO ISSUES FOUND
7/2/2023 19:26	7/26/2023 7:57	Subtransmission	TRK 2918			NO ISSUES FOUND
7/2/2023 8:42	7/7/2023 21:30	Subtransmission	TRK 5935			NO ISSUES FOUND
7/2/2023 15:56	7/5/2023 19:51	Subtransmission	TRK 6741			NO ISSUES FOUND
7/3/2023 11:13	7/5/2023 23:02	Subtransmission	TRK 2826			NO ISSUES FOUND
7/4/2023 13:26	7/7/2023 21:31	Subtransmission	TIE 6138			NO ISSUES FOUND
7/6/2023 15:32	7/7/2023 21:31	Subtransmission	TRK 4227			NO ISSUES FOUND
7/7/2023 5:46	7/7/2023 14:28	Subtransmission	TIE 5513			NO ISSUES FOUND
7/13/2023 1:03	7/13/2023 10:28	Subtransmission	TRK 5935	1	5	NO ISSUES FOUND
7/14/2023 14:18	7/15/2023 22:14	Subtransmission	TIE 3318			NO ISSUES FOUND
7/14/2023 16:16	7/16/2023 20:29	Subtransmission	TIE 5208			NO ISSUES FOUND
7/14/2023 16:14	7/16/2023 21:25	Subtransmission	TRK 2931			NO ISSUES FOUND
7/14/2023 16:42	7/17/2023 7:56	Subtransmission	TRK 5140			NO ISSUES FOUND
7/15/2023 21:54	7/20/2023 22:59	Subtransmission	TIE 3205			NO ISSUES FOUND
7/15/2023 6:34	7/17/2023 7:56	Subtransmission	TRK 6842			NO ISSUES FOUND
7/20/2023 16:26	7/22/2023 10:54	Subtransmission	TIE 2025			NO ISSUES FOUND
7/20/2023 16:20	7/21/2023 10:22	Subtransmission	TIE 2819			NO ISSUES FOUND

7/20/2023 16:30	7/21/2023 17:23	Subtransmission	TIE 5829			NO ISSUES FOUND
7/20/2023 15:06	7/22/2023 11:16	Subtransmission	TIE 9111			NO ISSUES FOUND
7/20/2023 18:20	7/21/2023 13:22	Subtransmission	TRK 1251			NO ISSUES FOUND
7/20/2023 17:31	7/22/2023 14:05	Subtransmission	TRK 1340			NO ISSUES FOUND
7/20/2023 15:43	7/22/2023 14:10	Subtransmission	TRK 2525			NO ISSUES FOUND
7/20/2023 16:28	7/22/2023 11:42	Subtransmission	TRK 6125			NO ISSUES FOUND
7/21/2023 7:48	7/23/2023 12:39	Subtransmission	TRK 6854			NO ISSUES FOUND
7/21/2023 0:36	7/23/2023 11:20	Subtransmission	TIE 226			NO ISSUES FOUND
7/24/2023 8:20	7/26/2023 14:30	Subtransmission	TIE 8623			NO ISSUES FOUND
7/24/2023 18:59	7/29/2023 4:06	Subtransmission	TRK 7130			NO ISSUES FOUND
7/25/2023 12:41	7/28/2023 17:06	Subtransmission	TIE 3241			NO ISSUES FOUND
7/26/2023 20:54	7/28/2023 12:33	Subtransmission	TIE 1268			NO ISSUES FOUND
7/26/2023 15:55	7/28/2023 16:25	Subtransmission	TIE 1531			NO ISSUES FOUND
7/26/2023 18:07	7/28/2023 17:00	Subtransmission	TIE 2812			NO ISSUES FOUND
7/26/2023 17:56	7/28/2023 15:07	Subtransmission	TIE 7408			NO ISSUES FOUND
7/26/2023 15:31	7/26/2023 22:28	Subtransmission	TIE 8014			NO ISSUES FOUND
7/26/2023 13:05	7/31/2023 6:54	Subtransmission	TIE 9111			NO ISSUES FOUND
7/26/2023 15:42	7/28/2023 20:28	Subtransmission	TRK 2002	27	39490	NO ISSUES FOUND
7/26/2023 18:27	7/28/2023 17:00	Subtransmission	TRK 2443			NO ISSUES FOUND
7/26/2023 18:01	7/28/2023 10:32	Subtransmission	TRK 6304			NO ISSUES FOUND
7/26/2023 16:02	7/28/2023 16:56	Subtransmission	TRK 6722			NO ISSUES FOUND
7/26/2023 18:32	7/28/2023 11:51	Subtransmission	TRK 7130			NO ISSUES FOUND
7/26/2023 16:09	7/28/2023 17:01	Subtransmission	TRK 8414			NO ISSUES FOUND
7/26/2023 18:06	7/28/2023 16:23	Subtransmission	TIE 1531			NO ISSUES FOUND
7/28/2023 21:49	7/30/2023 20:44	Subtransmission	TIE 3800			NO ISSUES FOUND
7/28/2023 15:42	7/28/2023 23:06	Subtransmission	TRK 2002	805	2569724	NO ISSUES FOUND
7/28/2023 17:19	7/29/2023 4:24	Subtransmission	TRK 2911			NO ISSUES FOUND
7/30/2023 5:12	8/20/2023 21:49	Subtransmission	TIE 4708			NO ISSUES FOUND
7/30/2023 17:04	7/30/2023 21:45	Subtransmission	TRK 7150			NO ISSUES FOUND
7/30/2023 17:06	7/30/2023 21:04	Subtransmission	TRK 7150			NO ISSUES FOUND
8/8/2023 13:45	8/9/2023 4:14	Subtransmission	TIE 3417			NO ISSUES FOUND
8/10/2023 1:34	8/10/2023 19:20	Subtransmission	TIE 9107			NO ISSUES FOUND
8/11/2023 22:27	8/12/2023 11:56	Subtransmission	TRK 1276	1	5	NO ISSUES FOUND
8/11/2023 22:58	8/20/2023 21:53	Subtransmission	TRK 5906			NO ISSUES FOUND
8/11/2023 22:11	8/20/2023 21:52	Subtransmission	TRK 7150			NO ISSUES FOUND
8/11/2023 22:30	8/13/2023 18:32	Subtransmission	TRK 1276			NO ISSUES FOUND
8/12/2023 16:47	8/14/2023 19:02	Subtransmission	TRK 1303			NO ISSUES FOUND
8/15/2023 2:40	8/15/2023 12:58	Subtransmission	TIE 3417			NO ISSUES FOUND
8/17/2023 15:27	8/17/2023 21:26	Subtransmission	TRK 1303			NO ISSUES FOUND
8/23/2023 13:03	8/26/2023 9:31	Subtransmission	TRK 6304			NO ISSUES FOUND
8/24/2023 23:53	8/25/2023 9:16	Subtransmission	TIE 2812			NO ISSUES FOUND
8/24/2023 23:45	8/27/2023 17:28	Subtransmission	TIE 2819			NO ISSUES FOUND
8/24/2023 21:15	8/25/2023 16:09	Subtransmission	TIE 3220			NO ISSUES FOUND
8/24/2023 23:42	8/26/2023 12:31	Subtransmission	TIE 4412			NO ISSUES FOUND
8/24/2023 23:01	8/25/2023 17:24	Subtransmission	TIE 6931			NO ISSUES FOUND
8/24/2023 22:24	8/26/2023 15:26	Subtransmission	TRK 1232			NO ISSUES FOUND
8/24/2023 3:13	8/28/2023 1:03	Subtransmission	TRK 5239			NO ISSUES FOUND
8/24/2023 2:14	8/24/2023 12:54	Subtransmission	TRK 5906			NO ISSUES FOUND
8/24/2023 23:50	8/25/2023 16:32	Subtransmission	TIE 1540			NO ISSUES FOUND
8/24/2023 23:48	8/25/2023 16:33	Subtransmission	TIE 1544			NO ISSUES FOUND
8/24/2023 21:26	8/25/2023 14:34	Subtransmission	TIE 3220			NO ISSUES FOUND
8/24/2023 23:18	8/27/2023 17:18	Subtransmission	TIE 6517			NO ISSUES FOUND
8/25/2023 7:06	8/25/2023 18:21	Subtransmission	TIE 5208			NO ISSUES FOUND
8/25/2023 2:38	8/26/2023 12:04	Subtransmission	TRK 1502			NO ISSUES FOUND
8/25/2023 2:37	8/26/2023 12:15	Subtransmission	TRK 1525			NO ISSUES FOUND
8/25/2023 2:33	8/25/2023 16:14	Subtransmission	TRK 1563			NO ISSUES FOUND
8/25/2023 2:22	8/26/2023 10:47	Subtransmission	TRK 2107			NO ISSUES FOUND
8/25/2023 1:50	8/26/2023 11:51	Subtransmission	TRK 5817			NO ISSUES FOUND
8/25/2023 1:46	8/25/2023 12:14	Subtransmission	TRK 5935			NO ISSUES FOUND
8/25/2023 0:56	8/26/2023 12:32	Subtransmission	TRK 8407			NO ISSUES FOUND
8/25/2023 16:46	8/25/2023 22:43	Subtransmission	TRK 845			NO ISSUES FOUND
8/26/2023 9:48	8/28/2023 1:12	Subtransmission	TIE 1312			NO ISSUES FOUND
8/26/2023 8:28	8/29/2023 10:16	Subtransmission	TIE 8033			NO ISSUES FOUND
8/26/2023 21:33	8/27/2023 18:14	Subtransmission	TRK 1340			NO ISSUES FOUND
8/26/2023 13:54	8/26/2023 23:53	Subtransmission	TIE 6602			NO ISSUES FOUND
8/27/2023 7:46	8/27/2023 18:41	Subtransmission	TIE 8804			NO ISSUES FOUND
8/27/2023 19:10	8/30/2023 5:56	Subtransmission	TRK 7035			NO ISSUES FOUND
8/28/2023 8:02	8/29/2023 18:35	Subtransmission	TIE 8014			NO ISSUES FOUND
9/2/2023 18:28	9/15/2023 23:19	Subtransmission	TRK 5855			NO ISSUES FOUND
9/3/2023 17:15	9/8/2023 13:23	Subtransmission	TIE 6138			NO ISSUES FOUND
9/3/2023 20:16	9/4/2023 9:59	Subtransmission	TRK 2233			NO ISSUES FOUND
9/5/2023 20:47	9/6/2023 1:55	Subtransmission	TRK 2032			NO ISSUES FOUND
9/5/2023 17:18	9/7/2023 17:14	Subtransmission	TRK 385	9	564	NO ISSUES FOUND
9/12/2023 10:42	9/14/2023 11:32	Subtransmission	TIE 4708			NO ISSUES FOUND
9/12/2023 10:12	9/14/2023 11:31	Subtransmission	TIE 5208			NO ISSUES FOUND
9/14/2023 7:07	9/15/2023 23:18	Subtransmission	TIE 5823			NO ISSUES FOUND
9/18/2023 4:58	9/18/2023 23:12	Subtransmission	TRK 1518			NO ISSUES FOUND
9/20/2023 17:06	9/20/2023 20:35	Subtransmission	TRK 1563			NO ISSUES FOUND
10/5/2023 13:13	10/5/2023 15:29	Subtransmission	TRK 7756			NO ISSUES FOUND
10/11/2023 5:13	10/12/2023 19:00	Subtransmission	TRK 4416			NO ISSUES FOUND
11/4/2023 21:46	11/6/2023 3:25	Subtransmission	TRK 2443			NO ISSUES FOUND
11/6/2023 8:39	11/6/2023 10:34	Subtransmission	TIE 6138	6	1575	NO ISSUES FOUND
11/9/2023 17:10	11/30/2023 7:51	Subtransmission	TIE 3822			NO ISSUES FOUND
11/19/2023 17:46	11/20/2023 8:55	Subtransmission	TRK 5548			NO ISSUES FOUND
11/22/2023 7:30	11/29/2023 16:57	Subtransmission	TRK 3661			NO ISSUES FOUND
11/27/2023 14:16	11/29/2023 20:44	Subtransmission	TIE 1224			NO ISSUES FOUND
11/29/2023 21:30	11/30/2023 3:20	Subtransmission	TRK 1719			NO ISSUES FOUND
11/30/2023 11:23	11/30/2023 19:14	Subtransmission	TRK 1563			NO ISSUES FOUND
12/4/2023 5:49	12/8/2023 15:02	Subtransmission	TIE 4605			NO ISSUES FOUND
12/20/2023 11:20	12/22/2023 16:56	Subtransmission	TRK 7602			NO ISSUES FOUND
12/23/2023 7:23	12/23/2023 10:51	Subtransmission	TRK 7187			NO ISSUES FOUND
12/28/2023 11:23	12/31/2023 18:53	Subtransmission	TRK 1303			NO ISSUES FOUND
12/30/2023 7:27	12/31/2023 18:50	Subtransmission	TRK 5817			NO ISSUES FOUND
6/4/2018 23:33	6/5/2018 1:36	Subtransmission	TRK 4405	None		PUBLIC INTERFERENCE
6/4/2018 23:36	6/5/2018 1:56	Subtransmission	TRK 4405	None		PUBLIC INTERFERENCE
6/18/2018 23:48	6/19/2018 3:19	Subtransmission	TRK 333	None		PUBLIC INTERFERENCE
8/12/2018 18:26	8/12/2018 19:27	Subtransmission	TRK 5239	None		PUBLIC INTERFERENCE
2/16/2020 22:25	2/17/2020 14:05	Subtransmission	TRK 1251	None		PUBLIC INTERFERENCE
2/25/2020 17:28	2/25/2020 19:17	Subtransmission	TRK 2523	None		PUBLIC INTERFERENCE
7/21/2020 10:08	7/21/2020 16:23	Subtransmission	TRK 6741	None		PUBLIC INTERFERENCE
4/24/2021 17:04	4/24/2021 22:13	Subtransmission	TRK 6938	None		PUBLIC INTERFERENCE
5/22/2021 21:43	5/23/2021 8:54	Subtransmission	TIE 8014	None		PUBLIC INTERFERENCE
5/28/2021 0:53	5/30/2021 10:03	Subtransmission	TRK 5938	None		PUBLIC INTERFERENCE
7/24/2021 15:05	7/24/2021 22:27	Subtransmission	TRK 8414	None		PUBLIC INTERFERENCE
3/31/2023 16:43	3/31/2023 21:07	Subtransmission	TRK 2508			PUBLIC INTERFERENCE

5/4/2023 13:36	5/4/2023 20:35	Subtransmission	TRK 2519		PUBLIC INTERFERENCE
10/26/2023 18:21	10/27/2023 2:55	Subtransmission	TRK 2742		PUBLIC INTERFERENCE
7/2/2018 19:52	7/2/2018 21:46	Subtransmission	TRK 1527		TREE
6/4/2019 21:42	6/5/2019 13:16	Subtransmission	TRK 2016		TREE
10/21/2019 22:22	10/22/2019 4:51	Subtransmission	TIE 1531		TREE
10/22/2019 4:49	10/22/2019 13:40	Subtransmission	TIE 1531		TREE
3/4/2022 13:00	3/5/2022 15:33	Subtransmission	TIE 3417		TREE
3/21/2022 17:13	3/21/2022 23:08	Subtransmission	TIE 4105		TREE
5/27/2022 14:59	5/27/2022 21:40	Subtransmission	TIE 3241		TREE
6/16/2022 9:07	6/16/2022 21:51	Subtransmission	TIE 3209		TREE
9/1/2022 5:54	9/2/2022 15:25	Subtransmission	TRK 2302		TREE
2/16/2023 17:21	2/18/2023 1:11	Subtransmission	TIE 3245	2	57 TREE
2/16/2023 6:57	2/16/2023 20:01	Subtransmission	TIE 3245		TREE
2/16/2023 16:18	2/16/2023 19:54	Subtransmission	TIE 3245	1	367 TREE
2/16/2023 16:41	2/18/2023 0:57	Subtransmission	TIE 3245	1	27 TREE
2/16/2023 16:43	2/17/2023 16:31	Subtransmission	TIE 3245	1	28 TREE
2/16/2023 16:46	2/17/2023 16:31	Subtransmission	TIE 3245	1	28 TREE
2/16/2023 17:09	2/17/2023 16:35	Subtransmission	TIE 3245	1	28 TREE
2/22/2023 22:05	2/25/2023 13:43	Subtransmission	TRK 7717		TREE
2/22/2023 21:15	2/23/2023 23:33	Subtransmission	TRK 7909		TREE
2/22/2023 21:06	2/22/2023 22:17	Subtransmission	TRK 7909	130	13474 TREE
2/22/2023 20:33	2/23/2023 21:23	Subtransmission	TRK 7909	1948	2628588 TREE
2/23/2023 9:01	3/1/2023 18:09	Subtransmission	TRK 416		TREE
2/28/2023 10:21	3/1/2023 13:45	Subtransmission	TIE 1540		TREE
3/3/2023 21:05	3/5/2023 8:58	Subtransmission	TIE 8033		TREE
3/4/2023 2:46	3/6/2023 8:46	Subtransmission	TRK 830		TREE
3/25/2023 20:41	3/27/2023 7:38	Subtransmission	TIE 6117		TREE
3/25/2023 18:41	3/26/2023 10:44	Subtransmission	TRK 2806		TREE
3/25/2023 20:35	3/26/2023 14:40	Subtransmission	TIE 6117		TREE
3/25/2023 18:37	3/26/2023 9:30	Subtransmission	TRK 2806	485	67920 TREE
3/25/2023 18:39	3/25/2023 20:51	Subtransmission	TRK 2806		TREE
3/25/2023 18:39	3/25/2023 21:07	Subtransmission	TRK 2806		TREE
4/2/2023 10:33	4/3/2023 22:44	Subtransmission	TIE 3205		TREE
4/27/2023 12:38	4/28/2023 3:03	Subtransmission	TIE 3209		TREE
7/20/2023 15:48	7/22/2023 9:29	Subtransmission	TIE 810	8	13589 TREE
7/20/2023 18:12	7/22/2023 22:13	Subtransmission	TRK 2305		TREE
7/26/2023 19:20	7/28/2023 17:08	Subtransmission	TIE 6602		TREE
7/26/2023 18:35	7/28/2023 11:57	Subtransmission	TRK 7151		TREE
7/26/2023 21:31	7/27/2023 10:53	Subtransmission	TIE 6602		TREE
7/28/2023 19:52	7/30/2023 0:03	Subtransmission	TRK 3107		TREE
8/3/2023 18:45	8/3/2023 19:34	Subtransmission	TIE 7504		TREE
8/3/2023 18:30	8/3/2023 20:49	Subtransmission	TIE 7504	2574	142297 TREE
8/3/2023 18:56	8/4/2023 12:45	Subtransmission	TIE 7504		TREE
8/12/2023 10:21	10/2/2023 11:31	Subtransmission	TIE 4523		TREE
8/23/2023 8:42	8/23/2023 21:18	Subtransmission	TIE 9107	792	75608 TREE
8/23/2023 8:58	8/24/2023 9:08	Subtransmission	TIE 9107	1	95 TREE
8/30/2023 3:59	8/30/2023 21:19	Subtransmission	TIE 8014		TREE
9/16/2023 9:50	9/16/2023 19:03	Subtransmission	TIE 4105		TREE
9/16/2023 9:21	9/16/2023 18:26	Subtransmission	TIE 4105	2044	543923 TREE
9/16/2023 11:13	9/16/2023 20:13	Subtransmission	TIE 4105		TREE
7/11/2023 17:32	7/11/2023 21:44	Subtransmission	TRK 7062	683	85371 WIND
7/20/2023 16:30	7/21/2023 13:13	Subtransmission	TRK 7062	282	349452 WIND
7/20/2022 13:20	7/21/2022 13:04	Subtransmission	TIE 1467		ANIMAL
6/12/2023 8:47	6/12/2023 18:24	Subtransmission	TRK 2826		ANIMAL
6/12/2023 18:24	10/26/2023 7:24	Subtransmission	TRK 2826		ANIMAL
1/8/2018 6:27	1/8/2018 20:56	Subtransmission	TRK 2038		EQUIPMENT FAILURE
1/8/2018 6:17	1/9/2018 15:52	Subtransmission	TRK 2038		EQUIPMENT FAILURE
2/25/2018 10:25	2/26/2018 20:03	Subtransmission	TIE 3205		EQUIPMENT FAILURE
2/25/2018 10:16	2/25/2018 11:02	Subtransmission	TIE 3205	2044	34352 EQUIPMENT FAILURE
2/25/2018 10:16	2/25/2018 11:01	Subtransmission	TIE 3205	1894	31846 EQUIPMENT FAILURE
3/20/2018 13:49	3/25/2018 20:24	Subtransmission	TRK 1403		EQUIPMENT FAILURE
3/21/2018 3:49	3/22/2018 12:11	Subtransmission	TRK 2713		EQUIPMENT FAILURE
3/31/2018 14:28	4/1/2018 4:59	Subtransmission	TIE 3203		EQUIPMENT FAILURE
3/31/2018 17:50	4/1/2018 4:47	Subtransmission	TIE 3203		EQUIPMENT FAILURE
5/4/2018 17:41	5/7/2018 19:03	Subtransmission	TIE 3417		EQUIPMENT FAILURE
5/4/2018 18:33	5/8/2018 21:19	Subtransmission	TIE 3417		EQUIPMENT FAILURE
5/4/2018 15:36	5/6/2018 17:13	Subtransmission	TIE 3417		EQUIPMENT FAILURE
5/4/2018 14:36	7/11/2018 1:43	Subtransmission	TRK 4338		EQUIPMENT FAILURE
5/5/2018 10:40	5/7/2018 15:58	Subtransmission	TRK 2455		EQUIPMENT FAILURE
5/6/2018 10:12	5/6/2018 21:12	Subtransmission	TIE 9107		EQUIPMENT FAILURE
5/17/2018 1:42	5/17/2018 7:11	Subtransmission	TRK 2313		EQUIPMENT FAILURE
5/18/2018 17:07	5/21/2018 7:48	Subtransmission	TRK 7122		EQUIPMENT FAILURE
5/27/2018 3:19	5/27/2018 5:12	Subtransmission	TRK 2313		EQUIPMENT FAILURE
5/28/2018 17:16	5/28/2018 23:10	Subtransmission	TRK 2659		EQUIPMENT FAILURE
5/28/2018 14:39	5/28/2018 20:00	Subtransmission	TRK 2659	715	222551 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	813	65422 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	871	74962 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	882	70795 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	903	72972 EQUIPMENT FAILURE
6/2/2018 23:10	6/2/2018 23:20	Subtransmission	TRK 2206		EQUIPMENT FAILURE
6/2/2018 16:30	6/2/2018 22:50	Subtransmission	TRK 2206	837	72130 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	1270	110543 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	1097	88291 EQUIPMENT FAILURE
6/2/2018 21:24	6/2/2018 22:50	Subtransmission	TRK 2206	831	70781 EQUIPMENT FAILURE
6/12/2018 12:48	6/12/2018 17:03	Subtransmission	TRK 6938		EQUIPMENT FAILURE
6/17/2018 13:42	6/17/2018 16:36	Subtransmission	TRK 3546		EQUIPMENT FAILURE
6/17/2018 13:58	6/17/2018 21:33	Subtransmission	TRK 3546		EQUIPMENT FAILURE
8/6/2018 16:02	8/6/2018 18:49	Subtransmission	TIE 5513		EQUIPMENT FAILURE
9/13/2018 13:27	9/13/2018 18:32	Subtransmission	TIE 3209		EQUIPMENT FAILURE
9/13/2018 14:36	9/13/2018 18:00	Subtransmission	TIE 3209	573	105726 EQUIPMENT FAILURE
9/21/2018 16:09	9/21/2018 17:50	Subtransmission	TRK 2302		EQUIPMENT FAILURE
9/25/2018 12:00	9/25/2018 17:36	Subtransmission	TRK 1248		EQUIPMENT FAILURE
10/6/2018 18:56	10/8/2018 3:48	Subtransmission	TIE 3705		EQUIPMENT FAILURE
10/6/2018 18:30	10/7/2018 16:21	Subtransmission	TIE 3705		EQUIPMENT FAILURE
10/6/2018 18:21	10/7/2018 21:30	Subtransmission	TIE 3705	113	129529 EQUIPMENT FAILURE
11/9/2018 18:40	11/9/2018 21:18	Subtransmission	TRK 5917		EQUIPMENT FAILURE
12/8/2018 16:00	12/8/2018 16:16	Subtransmission	TIE 5829		EQUIPMENT FAILURE
1/7/2019 17:33	1/8/2019 14:00	Subtransmission	TIE 9123		EQUIPMENT FAILURE
2/8/2019 6:45	2/8/2019 15:39	Subtransmission	TIE 4523		EQUIPMENT FAILURE
2/24/2019 11:40	2/25/2019 15:52	Subtransmission	TIE 4105		EQUIPMENT FAILURE
2/24/2019 11:40	2/25/2019 15:52	Subtransmission	TIE 4105		EQUIPMENT FAILURE
2/24/2019 17:44	2/25/2019 19:13	Subtransmission	TIE 4105	506	637615 EQUIPMENT FAILURE
2/24/2019 21:43	2/25/2019 4:44	Subtransmission	TIE 4105	459	192714 EQUIPMENT FAILURE
2/24/2019 21:43	2/25/2019 4:44	Subtransmission	TIE 4105	459	192714 EQUIPMENT FAILURE
2/24/2019 20:23	2/26/2019 13:52	Subtransmission	TIE 4105		EQUIPMENT FAILURE

2/24/2019 20:23	2/26/2019 13:52	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
2/24/2019 21:42	2/25/2019 4:44	Subtransmission	Distribution	TIE 4105	820	345745	EQUIPMENT FAILURE
2/24/2019 21:45	2/25/2019 20:00	Subtransmission	Distribution	TIE 4105	85	107258	EQUIPMENT FAILURE
2/25/2019 10:01	2/26/2019 10:20	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
3/9/2019 20:27	3/10/2019 3:22	Subtransmission	None	TRK 8403			EQUIPMENT FAILURE
3/13/2019 10:44	3/13/2019 14:42	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
3/13/2019 10:38	3/13/2019 12:35	Subtransmission	Distribution	TIE 6602	1216	142402	EQUIPMENT FAILURE
3/15/2019 19:33	3/16/2019 1:37	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
3/15/2019 21:35	3/17/2019 2:15	Subtransmission	None	TIE 6602			EQUIPMENT FAILURE
3/15/2019 20:50	3/16/2019 20:56	Subtransmission	Distribution	TIE 6602	2	38	EQUIPMENT FAILURE
4/2/2019 20:01	4/2/2019 20:50	Subtransmission	Substation	TRK 7035	2599	146244	EQUIPMENT FAILURE
4/12/2019 18:14	4/13/2019 5:06	Subtransmission	None	TRK 1340			EQUIPMENT FAILURE
4/12/2019 17:42	4/12/2019 19:40	Subtransmission	Distribution	TRK 1340	615	70496	EQUIPMENT FAILURE
4/12/2019 17:59	4/12/2019 20:41	Subtransmission	None	TRK 1340			EQUIPMENT FAILURE
4/12/2019 17:52	4/12/2019 19:54	Subtransmission	None	TRK 1340			EQUIPMENT FAILURE
4/12/2019 17:42	4/12/2019 19:40	Subtransmission	Distribution	TRK 1340	765	87683	EQUIPMENT FAILURE
4/14/2019 11:47	4/14/2019 15:15	Subtransmission	None	TIE 4523			EQUIPMENT FAILURE
6/25/2019 19:45	6/26/2019 0:15	Subtransmission	None	TRK 1418			EQUIPMENT FAILURE
6/25/2019 8:51	6/25/2019 19:15	Subtransmission	None	TRK 1418			EQUIPMENT FAILURE
6/25/2019 19:23	6/25/2019 21:53	Subtransmission	None	TRK 1418			EQUIPMENT FAILURE
7/15/2019 15:45	7/17/2019 19:31	Subtransmission	None	TIE 9205			EQUIPMENT FAILURE
7/19/2019 20:41	7/28/2019 22:26	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
7/19/2019 23:48	7/20/2019 2:19	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
7/19/2019 20:03	7/20/2019 23:34	Subtransmission	Subtransmission	TRK 5510	431	687899	EQUIPMENT FAILURE
7/19/2019 20:05	7/20/2019 23:42	Subtransmission	Distribution	TRK 5510	595	960059	EQUIPMENT FAILURE
7/19/2019 20:03	7/20/2019 23:33	Subtransmission	Subtransmission	TRK 5510	730	1300793	EQUIPMENT FAILURE
7/19/2019 20:04	7/20/2019 23:41	Subtransmission	Subtransmission	TRK 5510	30	48233	EQUIPMENT FAILURE
7/20/2019 8:35	7/21/2019 18:07	Subtransmission	None	TRK 5510			EQUIPMENT FAILURE
7/29/2019 14:17	7/30/2019 6:50	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
8/6/2019 9:54	8/6/2019 11:14	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
8/25/2019 5:16	8/25/2019 14:26	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
8/27/2019 7:30	8/27/2019 20:36	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
9/14/2019 22:44	9/15/2019 19:06	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
9/28/2019 1:17	9/28/2019 4:08	Subtransmission	Distribution	TRK 3646	2074	363970	EQUIPMENT FAILURE
10/9/2019 8:10	10/9/2019 9:26	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
10/21/2019 22:21	10/22/2019 5:02	Subtransmission	None	TRK 1444			EQUIPMENT FAILURE
11/24/2019 6:33	11/24/2019 16:08	Subtransmission	None	TRK 2247			EQUIPMENT FAILURE
11/27/2019 8:52	11/29/2019 16:12	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
11/27/2019 8:35	11/27/2019 10:01	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
11/27/2019 12:52	11/27/2019 15:30	Subtransmission	None	TRK 7909			EQUIPMENT FAILURE
12/1/2019 7:01	12/1/2019 10:53	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 20:00	Subtransmission	Distribution	TIE 4105	182	127742	EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 20:00	Subtransmission	Distribution	TIE 4105	182	127742	EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 12:25	Subtransmission	Subtransmission	TIE 4105	108	36662	EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 12:25	Subtransmission	Subtransmission	TIE 4105	108	36662	EQUIPMENT FAILURE
12/1/2019 6:52	12/1/2019 10:55	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 12:25	Subtransmission	Subtransmission	TIE 4105	942	323939	EQUIPMENT FAILURE
12/1/2019 6:09	12/1/2019 12:25	Subtransmission	Subtransmission	TIE 4105	552	225437	EQUIPMENT FAILURE
12/1/2019 6:09	12/1/2019 12:25	Subtransmission	Subtransmission	TIE 4105	552	225437	EQUIPMENT FAILURE
12/1/2019 6:39	12/1/2019 12:25	Subtransmission	Subtransmission	TIE4105	942	323939	EQUIPMENT FAILURE
12/1/2019 6:52	12/1/2019 10:55	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
12/1/2019 7:01	12/1/2019 10:53	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
12/30/2019 6:42	12/30/2019 20:46	Subtransmission	None	TRK 1346			EQUIPMENT FAILURE
12/30/2019 14:03	12/31/2019 11:36	Subtransmission	None	TRK 7150			EQUIPMENT FAILURE
1/7/2020 17:26	1/8/2020 2:38	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
2/8/2020 14:27	2/8/2020 14:41	Subtransmission	None	TRK 5510			EQUIPMENT FAILURE
3/14/2020 11:17	3/14/2020 16:23	Subtransmission	None	TRK 4971			EQUIPMENT FAILURE
3/30/2020 16:02	3/31/2020 3:52	Subtransmission	None	TIE 2025			EQUIPMENT FAILURE
4/8/2020 9:33	4/9/2020 5:39	Subtransmission	None	TRK 8405			EQUIPMENT FAILURE
4/13/2020 13:04	4/13/2020 18:59	Subtransmission	Distribution	TIE 2809	327	105672	EQUIPMENT FAILURE
4/13/2020 16:55	4/14/2020 14:07	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
4/29/2020 18:14	4/30/2020 1:30	Subtransmission	Distribution	TRK 2806	1213	135470	EQUIPMENT FAILURE
5/15/2020 22:34	5/16/2020 2:40	Subtransmission	Distribution	TIE 4104	67	15119	EQUIPMENT FAILURE
6/7/2020 8:56	6/7/2020 18:54	Subtransmission	None	TIE 6938			EQUIPMENT FAILURE
6/7/2020 8:56	6/7/2020 18:54	Subtransmission	None	TIE 6938			EQUIPMENT FAILURE
6/12/2020 10:07	6/12/2020 19:36	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
6/19/2020 0:06	6/19/2020 15:01	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
7/10/2020 17:52	7/12/2020 17:54	Subtransmission	None	TRK 3206			EQUIPMENT FAILURE
7/14/2020 12:28	7/14/2020 14:35	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
7/19/2020 20:26	7/22/2020 14:03	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
7/19/2020 22:19	7/20/2020 15:50	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
8/8/2020 2:41	8/9/2020 20:02	Subtransmission	None	TRK 1121			EQUIPMENT FAILURE
8/9/2020 19:03	8/10/2020 8:59	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
8/9/2020 18:50	8/10/2020 4:02	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
8/28/2020 8:16	8/28/2020 16:18	Subtransmission	Distribution	TRK 2305	3	206	EQUIPMENT FAILURE
8/28/2020 9:12	8/28/2020 12:07	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
8/28/2020 6:26	8/28/2020 20:45	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
9/17/2020 8:47	9/17/2020 8:55	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
10/21/2020 1:29	10/21/2020 5:41	Subtransmission	None	TRK 5404			EQUIPMENT FAILURE
10/28/2020 17:40	10/28/2020 21:29	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
10/28/2020 16:01	10/28/2020 18:21	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
10/30/2020 21:38	10/31/2020 2:36	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
10/30/2020 21:45	10/30/2020 23:47	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
11/15/2020 14:36	11/18/2020 15:05	Subtransmission	None	TRK 2319			EQUIPMENT FAILURE
11/16/2020 8:09	11/19/2020 18:54	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
11/18/2020 6:41	11/18/2020 10:53	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
11/20/2020 9:14	12/5/2020 18:58	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
11/22/2020 13:45	11/22/2020 19:15	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
11/22/2020 20:14	11/23/2020 0:34	Subtransmission	Distribution	TRK 2319	123	23518	EQUIPMENT FAILURE
12/1/2020 1:02	12/1/2020 20:21	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
12/18/2020 18:43	12/18/2020 20:12	Subtransmission	Distribution	TIE 3535	1615	62098	EQUIPMENT FAILURE
12/26/2020 15:08	12/26/2020 17:35	Subtransmission	None	TIE 9111			EQUIPMENT FAILURE
1/9/2021 11:38	1/10/2021 5:26	Subtransmission	None	TRK 5935			EQUIPMENT FAILURE
1/12/2021 11:23	1/12/2021 14:56	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE
2/16/2021 6:24	2/16/2021 15:21	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
2/16/2021 6:02	2/16/2021 11:05	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
3/2/2021 10:10	3/2/2021 12:07	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
3/11/2021 15:10	3/11/2021 21:24	Subtransmission	None	TRK 2250			EQUIPMENT FAILURE
3/18/2021 10:36	3/18/2021 20:53	Subtransmission	None	TRK 2713			EQUIPMENT FAILURE
3/18/2021 17:38	3/19/2021 13:26	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
3/25/2021 23:59	3/26/2021 8:41	Subtransmission	Distribution	TIE 1224	451	227080	EQUIPMENT FAILURE
3/25/2021 22:24	3/26/2021 0:10	Subtransmission	Distribution	TIE 1224	923	63267	EQUIPMENT FAILURE
3/25/2021 22:24	3/26/2021 0:10	Subtransmission	Distribution	TIE 1224	366	25455	EQUIPMENT FAILURE
3/26/2021 2:58	3/26/2021 20:31	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
3/26/2021 7:43	3/26/2021 20:29	Subtransmission	Distribution	TRK 1251	1	450	EQUIPMENT FAILURE

3/26/2021 16:37	3/26/2021 21:36	Subtransmission	Distribution	TRK 2005	1	318	EQUIPMENT FAILURE
3/26/2021 21:16	3/28/2021 21:22	Subtransmission	None	TRK 2005			EQUIPMENT FAILURE
3/26/2021 23:05	3/27/2021 5:30	Subtransmission	Distribution	TRK 2005	2	1000	EQUIPMENT FAILURE
3/26/2021 6:40	3/26/2021 19:14	Subtransmission	None	TRK 2005			EQUIPMENT FAILURE
3/28/2021 8:21	3/28/2021 10:20	Subtransmission	Distribution	TIE 9107	558	68836	EQUIPMENT FAILURE
3/28/2021 8:21	3/28/2021 10:20	Subtransmission	Distribution	TIE 9107	21	2585	EQUIPMENT FAILURE
4/15/2021 17:06	4/15/2021 17:31	Subtransmission	Subtransmission	TIE 4428	910	18526	EQUIPMENT FAILURE
4/15/2021 17:06	4/15/2021 17:57	Subtransmission	Subtransmission	TIE 4428	1096	22318	EQUIPMENT FAILURE
4/15/2021 17:06	4/15/2021 17:31	Subtransmission	Subtransmission	TIE 4428	823	16792	EQUIPMENT FAILURE
4/15/2021 16:45	4/16/2021 5:15	Subtransmission	Distribution	TRK 2918	1	470	EQUIPMENT FAILURE
4/15/2021 18:55	4/15/2021 19:07	Subtransmission	Distribution	TRK 2918	2127	18559	EQUIPMENT FAILURE
4/15/2021 18:57	4/15/2021 19:07	Subtransmission	Distribution	TRK 2918	51	445	EQUIPMENT FAILURE
4/16/2021 1:03	4/16/2021 2:30	Subtransmission	Distribution	TRK 2918	5	442	EQUIPMENT FAILURE
4/16/2021 1:20	4/16/2021 5:15	Subtransmission	None	TRK 2918			EQUIPMENT FAILURE
4/29/2021 16:53	4/29/2021 21:01	Subtransmission	Distribution	TRK 6919	1	38	EQUIPMENT FAILURE
5/19/2021 17:03	5/19/2021 18:06	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
5/23/2021 1:32	5/23/2021 14:40	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
5/24/2021 9:25	5/24/2021 10:07	Subtransmission	Distribution	TRK 2806	493	21489	EQUIPMENT FAILURE
5/24/2021 9:25	5/24/2021 10:07	Subtransmission	Distribution	TRK 2806	285	12400	EQUIPMENT FAILURE
5/24/2021 10:50	5/24/2021 14:36	Subtransmission	None	TRK 2806			EQUIPMENT FAILURE
5/27/2021 10:55	5/27/2021 20:13	Subtransmission	None	TRK 385			EQUIPMENT FAILURE
6/30/2021 7:29	6/30/2021 9:04	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
6/30/2021 7:05	6/30/2021 9:06	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
6/30/2021 7:00	7/1/2021 19:26	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
7/7/2021 17:29	7/8/2021 8:26	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
8/12/2021 18:27	8/13/2021 15:20	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
8/12/2021 2:24	8/13/2021 19:34	Subtransmission	None	TIE 5208			EQUIPMENT FAILURE
8/14/2021 22:03	8/15/2021 19:05	Subtransmission	None	TIE 1423			EQUIPMENT FAILURE
8/17/2021 17:15	8/19/2021 15:13	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
8/18/2021 17:30	8/18/2021 20:11	Subtransmission	None	TRK 7909			EQUIPMENT FAILURE
8/18/2021 17:02	8/18/2021 17:29	Subtransmission	None	TRK 7913			EQUIPMENT FAILURE
8/25/2021 7:06	8/25/2021 17:35	Subtransmission	Distribution	TRK 2301	1	1175	EQUIPMENT FAILURE
8/25/2021 0:12	8/25/2021 20:24	Subtransmission	None	TRK 2301			EQUIPMENT FAILURE
8/25/2021 7:06	8/26/2021 17:37	Subtransmission	None	TRK 2301			EQUIPMENT FAILURE
8/30/2021 7:51	8/30/2021 13:04	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
9/15/2021 22:17	9/16/2021 18:01	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
9/21/2021 21:44	9/22/2021 19:38	Subtransmission	None	TRK 6508			EQUIPMENT FAILURE
9/22/2021 12:02	9/24/2021 20:34	Subtransmission	None	TIE 3208			EQUIPMENT FAILURE
9/22/2021 11:58	9/25/2021 0:51	Subtransmission	Distribution	TIE 3208	1263	3965392	EQUIPMENT FAILURE
9/22/2021 11:49	9/22/2021 12:59	Subtransmission	Distribution	TIE 3208	208	26786	EQUIPMENT FAILURE
9/22/2021 6:22	9/22/2021 22:36	Subtransmission	Distribution	TRK 6508	1	581	EQUIPMENT FAILURE
9/24/2021 12:24	9/27/2021 18:55	Subtransmission	None	TRK 5411			EQUIPMENT FAILURE
10/29/2021 19:28	11/5/2021 15:33	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
11/15/2021 8:02	11/15/2021 14:56	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
11/18/2021 14:47	11/18/2021 17:57	Subtransmission	None	TRK 1459			EQUIPMENT FAILURE
11/22/2021 13:41	11/23/2021 10:34	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
11/22/2021 17:12	11/22/2021 21:07	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
12/2/2021 15:53	12/3/2021 23:06	Subtransmission	None	TRK 1267			EQUIPMENT FAILURE
12/6/2021 14:39	12/9/2021 19:52	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
12/13/2021 14:31	12/13/2021 16:34	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
12/13/2021 14:11	12/14/2021 4:52	Subtransmission	None	TIE 6138			EQUIPMENT FAILURE
12/19/2021 12:49	12/19/2021 22:31	Subtransmission	None	TRK 8409			EQUIPMENT FAILURE
1/10/2022 11:17	1/12/2022 15:45	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
1/22/2022 2:10	1/22/2022 20:00	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
1/23/2022 15:04	1/23/2022 16:30	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
2/1/2022 19:27	2/2/2022 3:02	Subtransmission	Distribution	TRK 3536	199	91475	EQUIPMENT FAILURE
2/21/2022 12:41	2/21/2022 14:39	Subtransmission	None	TRK 2907			EQUIPMENT FAILURE
2/25/2022 14:09	2/25/2022 20:47	Subtransmission	None	TRK 6741			EQUIPMENT FAILURE
3/5/2022 12:26	3/6/2022 17:55	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE
3/19/2022 12:31	3/19/2022 14:28	Subtransmission	None	TRK 2918			EQUIPMENT FAILURE
3/19/2022 13:12	3/19/2022 20:00	Subtransmission	Distribution	TRK 2918	656	215158	EQUIPMENT FAILURE
3/23/2022 5:20	3/23/2022 21:21	Subtransmission	None	TRK 4911			EQUIPMENT FAILURE
3/31/2022 15:58	4/1/2022 21:10	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
3/31/2022 11:17	3/31/2022 16:41	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
3/31/2022 8:21	4/1/2022 21:16	Subtransmission	None	TRK 6508			EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 5:11	Subtransmission	Distribution	TIE 1268	148	47767	EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 5:11	Subtransmission	Distribution	TIE 1268	376	120965	EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 5:48	Subtransmission	Distribution	TIE 1268	431	159046	EQUIPMENT FAILURE
4/6/2022 23:48	4/7/2022 3:11	Subtransmission	Distribution	TRK 1243	535	81233	EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 3:11	Subtransmission	Distribution	TRK 1243	367	55711	EQUIPMENT FAILURE
4/6/2022 23:48	4/7/2022 5:48	Subtransmission	Distribution	TRK 1280	308	99045	EQUIPMENT FAILURE
4/6/2022 23:50	4/7/2022 5:07	Subtransmission	Subtransmission	TRK 1280	210	67522	EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 6:32	Subtransmission	Distribution	TRK 1280	822	330567	EQUIPMENT FAILURE
4/6/2022 11:01	4/7/2022 6:32	Subtransmission	Distribution	TRK 1280	1657	593725	EQUIPMENT FAILURE
4/6/2022 23:47	4/7/2022 5:10	Subtransmission	Distribution	TRK 1280	1887	606927	EQUIPMENT FAILURE
4/6/2022 23:48	4/7/2022 5:13	Subtransmission	Distribution	TRK 1280	40	13273	EQUIPMENT FAILURE
4/7/2022 0:08	4/7/2022 6:15	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/7/2022 6:55	4/7/2022 23:12	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/7/2022 0:04	4/7/2022 21:36	Subtransmission	None	TIE 1268			EQUIPMENT FAILURE
4/7/2022 0:32	4/7/2022 6:13	Subtransmission	Distribution	TRK 1280	2	807	EQUIPMENT FAILURE
4/13/2022 15:51	4/13/2022 23:40	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
4/19/2022 19:45	4/20/2022 5:02	Subtransmission	Distribution	TRK 5935	2217	256603	EQUIPMENT FAILURE
4/19/2022 19:51	4/21/2022 4:36	Subtransmission	None	TRK 5935			EQUIPMENT FAILURE
4/22/2022 8:36	4/22/2022 15:22	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
5/10/2022 16:07	5/11/2022 20:30	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
5/18/2022 16:26	5/18/2022 19:00	Subtransmission	Distribution	TRK 2931	633	62865	EQUIPMENT FAILURE
5/18/2022 16:35	5/19/2022 0:16	Subtransmission	None	TRK 2931			EQUIPMENT FAILURE
6/1/2022 12:34	6/1/2022 20:35	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
6/1/2022 12:28	6/2/2022 11:31	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
6/1/2022 12:32	6/1/2022 20:35	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
6/1/2022 12:20	6/1/2022 20:35	Subtransmission	Substation	TRK 7756	18	8244	EQUIPMENT FAILURE
6/7/2022 7:06	6/7/2022 9:40	Subtransmission	Distribution	TRK 2308			EQUIPMENT FAILURE
6/7/2022 9:03	6/7/2022 9:58	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
6/7/2022 7:14	6/7/2022 20:48	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
6/7/2022 7:15	6/7/2022 12:47	Subtransmission	None	TRK 2308			EQUIPMENT FAILURE
6/9/2022 6:15	6/9/2022 11:16	Subtransmission	None	TRK 2715			EQUIPMENT FAILURE
6/13/2022 21:04	6/14/2022 6:48	Subtransmission	Distribution	TIE 1473	231	88987	EQUIPMENT FAILURE
6/14/2022 6:41	6/14/2022 14:02	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
6/27/2022 18:26	6/28/2022 13:02	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
6/27/2022 17:09	6/27/2022 18:58	Subtransmission	Distribution	TRK 6722	1577	174909	EQUIPMENT FAILURE
6/27/2022 17:09	6/27/2022 18:58	Subtransmission	Distribution	TRK 6722	1180	131443	EQUIPMENT FAILURE
6/28/2022 17:15	7/2/2022 23:32	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
6/28/2022 11:37	6/29/2022 3:22	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
7/6/2022 12:59	7/6/2022 18:53	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 11:17	7/6/2022 11:30	Subtransmission	Distribution	TIE 1318	1	11	EQUIPMENT FAILURE

7/6/2022 11:17	7/6/2022 18:00	Subtransmission	Distribution	TIE 1318	2852	497660	EQUIPMENT FAILURE
7/6/2022 11:23	7/6/2022 11:30	Subtransmission	Distribution	TIE 1318			EQUIPMENT FAILURE
7/6/2022 11:19	7/6/2022 18:00	Subtransmission	Distribution	TIE 1318			EQUIPMENT FAILURE
7/6/2022 12:59	7/6/2022 18:53	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 11:18	7/6/2022 18:00	Subtransmission	Distribution	TIE 1318	1712	298734	EQUIPMENT FAILURE
7/6/2022 13:04	7/6/2022 18:53	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 12:54	7/6/2022 16:20	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 13:03	7/6/2022 16:46	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 12:56	7/6/2022 17:13	Subtransmission	None	TIE 1318			EQUIPMENT FAILURE
7/6/2022 15:12	7/7/2022 13:25	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
7/6/2022 15:38	7/6/2022 18:20	Subtransmission	None	TRK 7756			EQUIPMENT FAILURE
7/29/2022 15:35	7/30/2022 1:28	Subtransmission	None	TRK 3543			EQUIPMENT FAILURE
8/21/2022 1:18	8/21/2022 16:50	Subtransmission	Distribution	TRK 3124	1257	169436	EQUIPMENT FAILURE
8/29/2022 19:13	9/1/2022 20:49	Subtransmission	None	TRK 2313			EQUIPMENT FAILURE
8/29/2022 18:12	8/31/2022 12:15	Subtransmission	Distribution	TRK 6938	2840	7035793	EQUIPMENT FAILURE
8/29/2022 19:49	8/31/2022 20:01	Subtransmission	None	TRK 6938			EQUIPMENT FAILURE
8/29/2022 18:13	8/31/2022 12:15	Subtransmission	Distribution	TRK 6938	250	619065	EQUIPMENT FAILURE
8/30/2022 9:43	8/31/2022 22:24	Subtransmission	Distribution	TRK 2713	1	413	EQUIPMENT FAILURE
8/30/2022 11:06	8/30/2022 20:58	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
8/30/2022 10:30	8/30/2022 19:30	Subtransmission	None	TRK 5938			EQUIPMENT FAILURE
9/26/2022 16:40	9/26/2022 23:18	Subtransmission	Distribution	TRK 2027	1683	109079	EQUIPMENT FAILURE
9/26/2022 16:47	9/27/2022 21:12	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
9/26/2022 17:10	9/27/2022 4:33	Subtransmission	None	TRK 2027			EQUIPMENT FAILURE
10/2/2022 14:38	10/3/2022 0:39	Subtransmission	Distribution	TIE 6907	1	128	EQUIPMENT FAILURE
10/17/2022 16:39	10/18/2022 6:01	Subtransmission	None	TRK 1418			EQUIPMENT FAILURE
10/17/2022 16:28	10/17/2022 23:30	Subtransmission	Distribution	TRK 1418	1145	227453	EQUIPMENT FAILURE
10/19/2022 11:20	10/19/2022 20:10	Subtransmission	Distribution	TIE 6907	21	8350	EQUIPMENT FAILURE
10/26/2022 9:06	10/26/2022 9:13	Subtransmission	None	TRK 3107			EQUIPMENT FAILURE
11/5/2022 13:34	11/7/2022 20:46	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
11/5/2022 20:35	11/6/2022 15:05	Subtransmission	Distribution	TRK 4316	1063	714206	EQUIPMENT FAILURE
11/5/2022 21:53	11/6/2022 14:25	Subtransmission	Distribution	TRK 4316	1026	1079506	EQUIPMENT FAILURE
11/5/2022 21:05	11/6/2022 15:43	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
11/25/2022 17:09	11/25/2022 17:18	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
11/25/2022 3:23	11/25/2022 4:45	Subtransmission	Distribution	TRK 2250	1	80	EQUIPMENT FAILURE
11/27/2022 18:20	11/27/2022 21:51	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
11/27/2022 14:41	11/27/2022 21:25	Subtransmission	None	TIE 6310			EQUIPMENT FAILURE
12/6/2022 11:54	12/6/2022 17:10	Subtransmission	None	TRK 1518			EQUIPMENT FAILURE
12/26/2022 16:32	12/27/2022 2:58	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
12/30/2022 23:58	12/31/2022 19:15	Subtransmission	Distribution	TIE 1540	1	1161	EQUIPMENT FAILURE
12/31/2022 0:33	12/31/2022 21:23	Subtransmission	None	TIE 1540			EQUIPMENT FAILURE
2/6/2023 17:39	4/13/2023 22:29	Subtransmission		TRK 1251			EQUIPMENT FAILURE
2/6/2023 15:15	2/6/2023 18:03	Subtransmission		TRK 1251			EQUIPMENT FAILURE
2/16/2023 11:16	2/18/2023 23:23	Subtransmission		TIE 7733			EQUIPMENT FAILURE
2/19/2023 10:22	5/10/2023 10:53	Subtransmission		TIE 2812			EQUIPMENT FAILURE
2/19/2023 2:57	2/19/2023 10:23	Subtransmission		TIE 2812			EQUIPMENT FAILURE
2/25/2023 6:09	2/25/2023 20:53	Subtransmission		TRK 3632			EQUIPMENT FAILURE
2/27/2023 14:39	3/4/2023 10:03	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/3/2023 19:44	3/4/2023 21:38	Subtransmission		TIE 7745			EQUIPMENT FAILURE
3/3/2023 19:42	3/4/2023 18:03	Subtransmission		TIE 7745			EQUIPMENT FAILURE
3/8/2023 4:20	3/8/2023 20:35	Subtransmission		TRK 652			EQUIPMENT FAILURE
3/9/2023 11:44	3/9/2023 15:34	Subtransmission		TRK 7035			EQUIPMENT FAILURE
3/25/2023 15:50	3/27/2023 14:55	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/25/2023 15:38	3/31/2023 11:09	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/26/2023 5:30	3/28/2023 15:17	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/27/2023 18:52	4/4/2023 17:05	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/27/2023 14:55	2/20/2024 6:17	Subtransmission		TRK 2027			EQUIPMENT FAILURE
3/31/2023 11:52	7/11/2023 22:30	Subtransmission		TRK 4316			EQUIPMENT FAILURE
4/1/2023 13:10	4/1/2023 15:08	Subtransmission	Circuit Level	TRK 2038			EQUIPMENT FAILURE
4/1/2023 20:25	7/9/2023 20:24	Subtransmission		TRK 2038			EQUIPMENT FAILURE
4/1/2023 12:48	4/5/2023 11:54	Subtransmission	Device (II)	TRK 2038			EQUIPMENT FAILURE
4/1/2023 12:53	4/1/2023 20:27	Subtransmission		TRK 2038			EQUIPMENT FAILURE
4/1/2023 12:53	4/1/2023 19:49	Subtransmission		TRK 2038			EQUIPMENT FAILURE
4/1/2023 13:14	4/1/2023 21:57	Subtransmission	Circuit Level	TRK 2038	2841	479881	EQUIPMENT FAILURE
4/1/2023 12:43	4/5/2023 11:55	Subtransmission	Device (II)	TRK 2038			EQUIPMENT FAILURE
4/9/2023 11:24	4/10/2023 5:33	Subtransmission	Service Transformer	TRK 3557	11	453	EQUIPMENT FAILURE
4/9/2023 15:18	4/10/2023 3:00	Subtransmission		TRK 3557			EQUIPMENT FAILURE
4/12/2023 8:13	6/19/2023 22:29	Subtransmission		TIE 1467			EQUIPMENT FAILURE
4/12/2023 19:03	4/21/2023 9:34	Subtransmission		TRK 2016			EQUIPMENT FAILURE
4/12/2023 15:23	4/13/2023 5:32	Subtransmission		TRK 3557			EQUIPMENT FAILURE
4/13/2023 11:24	4/24/2023 6:58	Subtransmission		TIE 1268			EQUIPMENT FAILURE
4/13/2023 16:30	4/16/2023 5:16	Subtransmission		TRK 3557			EQUIPMENT FAILURE
4/16/2023 14:06	4/21/2023 14:01	Subtransmission		TRK 5938			EQUIPMENT FAILURE
4/17/2023 12:38	5/2/2023 8:52	Subtransmission		TRK 7602			EQUIPMENT FAILURE
4/17/2023 7:00	4/17/2023 12:40	Subtransmission		TRK 7602			EQUIPMENT FAILURE
4/18/2023 14:09	4/18/2023 21:33	Subtransmission	Subtransmission	TIE 7733	7081	664604	EQUIPMENT FAILURE
4/18/2023 9:40	4/18/2023 17:19	Subtransmission		TRK 3557			EQUIPMENT FAILURE
4/21/2023 9:34	2/20/2024 6:18	Subtransmission		TRK 2016			EQUIPMENT FAILURE
4/21/2023 14:01	7/11/2023 16:13	Subtransmission		TRK 5938			EQUIPMENT FAILURE
4/22/2023 11:44	4/22/2023 16:45	Subtransmission	Device (II)	TIE 7430	794	133555	EQUIPMENT FAILURE
4/22/2023 13:03	4/22/2023 17:36	Subtransmission	Single Customer	TIE 7430	1	165	EQUIPMENT FAILURE
4/22/2023 8:10	4/22/2023 16:49	Subtransmission		TIE 7430			EQUIPMENT FAILURE
4/22/2023 8:10	4/26/2023 21:07	Subtransmission		TIE 7430			EQUIPMENT FAILURE
4/22/2023 8:19	4/22/2023 17:37	Subtransmission		TIE 7430			EQUIPMENT FAILURE
4/22/2023 8:06	4/22/2023 11:10	Subtransmission	Device (II)	TIE 7430			EQUIPMENT FAILURE
4/22/2023 15:03	4/28/2023 12:42	Subtransmission		TIE 7733			EQUIPMENT FAILURE
4/26/2023 9:15	6/6/2023 22:28	Subtransmission		TIE 4605			EQUIPMENT FAILURE
5/2/2023 12:32	7/11/2023 16:26	Subtransmission		TRK 1340			EQUIPMENT FAILURE
5/2/2023 7:10	5/4/2023 10:05	Subtransmission		TRK 4911			EQUIPMENT FAILURE
5/3/2023 14:02	6/2/2023 22:26	Subtransmission		TRK 4911			EQUIPMENT FAILURE
5/8/2023 1:55	5/8/2023 4:23	Subtransmission	Substation	TRK 1525	636	75291	EQUIPMENT FAILURE
5/8/2023 2:14	5/8/2023 4:23	Subtransmission		TRK 1525			EQUIPMENT FAILURE
5/8/2023 1:29	5/8/2023 4:23	Subtransmission	Subtransmission	TRK 1525			EQUIPMENT FAILURE
5/10/2023 16:00	9/22/2023 13:51	Subtransmission		TRK 7035			EQUIPMENT FAILURE
5/31/2023 17:59	6/1/2023 1:23	Subtransmission	Device (I)	TRK 5404	7835	1795368	EQUIPMENT FAILURE
5/31/2023 17:55	5/31/2023 18:55	Subtransmission		TRK 5404			EQUIPMENT FAILURE
5/31/2023 17:49	6/1/2023 5:23	Subtransmission		TRK 5404			EQUIPMENT FAILURE
6/11/2023 23:04	6/12/2023 17:21	Subtransmission	Device (II)	TIE 7621	320	250279	EQUIPMENT FAILURE
6/11/2023 21:51	6/12/2023 1:05	Subtransmission	Subtransmission	TRK 2824	1300	126165	EQUIPMENT FAILURE
6/11/2023 22:03	6/11/2023 23:29	Subtransmission		TRK 2824			EQUIPMENT FAILURE
6/11/2023 21:51	6/14/2023 0:20	Subtransmission		TRK 2824			EQUIPMENT FAILURE
6/15/2023 18:14	6/16/2023 5:18	Subtransmission		TIE 1268			EQUIPMENT FAILURE
6/25/2023 18:31	6/26/2023 13:14	Subtransmission		TRK 1525			EQUIPMENT FAILURE
6/26/2023 13:14	7/19/2023 9:47	Subtransmission		TRK 1525			EQUIPMENT FAILURE
6/26/2023 1:19	7/5/2023 9:24	Subtransmission		TRK 5239			EQUIPMENT FAILURE
6/28/2023 19:37	8/23/2023 9:16	Subtransmission		TRK 5239			EQUIPMENT FAILURE

7/6/2023 13:48	7/7/2023 6:42	Subtransmission	TIE 7745			EQUIPMENT FAILURE
7/7/2023 6:42	9/21/2023 22:32	Subtransmission	TIE 7745			EQUIPMENT FAILURE
7/13/2023 10:03	7/15/2023 7:56	Subtransmission	TRK 7909			EQUIPMENT FAILURE
7/14/2023 16:51	7/15/2023 2:24	Subtransmission	TIE 1423			EQUIPMENT FAILURE
7/14/2023 19:47	7/15/2023 7:07	Subtransmission	TIE 1423			EQUIPMENT FAILURE
7/14/2023 17:01	7/15/2023 2:24	Subtransmission	TIE 1423	2198	224070	EQUIPMENT FAILURE
7/19/2023 16:35	7/20/2023 4:32	Subtransmission	TIE 6602			EQUIPMENT FAILURE
7/20/2023 15:59	7/20/2023 22:37	Subtransmission	TIE 2812	747	343525	EQUIPMENT FAILURE
7/20/2023 16:16	7/21/2023 17:23	Subtransmission	TIE 2812			EQUIPMENT FAILURE
7/20/2023 4:32	10/15/2023 6:54	Subtransmission	TIE 6602			EQUIPMENT FAILURE
7/20/2023 15:33	7/22/2023 0:14	Subtransmission	TIE 6931	7186	4956133	EQUIPMENT FAILURE
7/20/2023 15:26	7/21/2023 19:58	Subtransmission	TIE 6931			EQUIPMENT FAILURE
7/20/2023 19:40	7/21/2023 5:17	Subtransmission	TIE 6931			EQUIPMENT FAILURE
7/20/2023 15:22	7/21/2023 13:37	Subtransmission	TIE 6931			EQUIPMENT FAILURE
7/20/2023 22:12	8/2/2023 9:28	Subtransmission	TIE 6931			EQUIPMENT FAILURE
7/20/2023 16:58	7/22/2023 14:05	Subtransmission	TIE 6931			EQUIPMENT FAILURE
7/20/2023 21:59	7/21/2023 21:38	Subtransmission	TIE 6931	2413	4178512	EQUIPMENT FAILURE
7/21/2023 14:53	11/9/2023 22:35	Subtransmission	TRK 3650			EQUIPMENT FAILURE
7/24/2023 22:41	7/25/2023 0:33	Subtransmission	TIE 6907			EQUIPMENT FAILURE
7/25/2023 4:45	7/25/2023 6:00	Subtransmission	TIE 6907			EQUIPMENT FAILURE
7/26/2023 16:02	7/28/2023 20:13	Subtransmission	TRK 7756			EQUIPMENT FAILURE
7/26/2023 14:53	7/27/2023 19:10	Subtransmission	TIE 6621	461	705127	EQUIPMENT FAILURE
7/26/2023 14:53	7/27/2023 19:13	Subtransmission	TIE 6621	672	1027357	EQUIPMENT FAILURE
7/26/2023 15:27	7/27/2023 20:56	Subtransmission	TIE 6621			EQUIPMENT FAILURE
7/26/2023 15:00	7/29/2023 2:49	Subtransmission	TIE 6621	969	3333567	EQUIPMENT FAILURE
7/26/2023 15:04	7/27/2023 21:49	Subtransmission	TIE 6621	623	1086812	EQUIPMENT FAILURE
7/26/2023 15:42	7/28/2023 2:26	Subtransmission	TIE 6621	1	1745	EQUIPMENT FAILURE
7/26/2023 17:20	7/28/2023 3:24	Subtransmission	TIE 6621	1	1745	EQUIPMENT FAILURE
7/26/2023 15:54	7/28/2023 3:22	Subtransmission	TIE 6621			EQUIPMENT FAILURE
7/26/2023 14:58	7/27/2023 22:07	Subtransmission	TIE 6621	1350	2449601	EQUIPMENT FAILURE
7/26/2023 16:21	7/28/2023 17:08	Subtransmission	TIE 6621			EQUIPMENT FAILURE
7/26/2023 18:50	8/3/2023 7:12	Subtransmission	TRK 1243			EQUIPMENT FAILURE
7/26/2023 16:15	7/28/2023 18:17	Subtransmission	TRK 1563	17	2762	EQUIPMENT FAILURE
7/26/2023 15:53	7/28/2023 15:52	Subtransmission	TRK 1563			EQUIPMENT FAILURE
7/26/2023 15:47	7/28/2023 15:42	Subtransmission	TRK 2922	11	4600	EQUIPMENT FAILURE
7/26/2023 15:24	7/27/2023 19:32	Subtransmission	TRK 2931			EQUIPMENT FAILURE
7/26/2023 16:09	7/27/2023 21:12	Subtransmission	TRK 2931			EQUIPMENT FAILURE
7/26/2023 16:00	7/28/2023 15:15	Subtransmission	TRK 2931			EQUIPMENT FAILURE
7/26/2023 15:42	7/28/2023 15:31	Subtransmission	TRK 2931	31	120467	EQUIPMENT FAILURE
7/28/2023 11:48	7/29/2023 19:07	Subtransmission	TRK 1563			EQUIPMENT FAILURE
7/28/2023 15:14	8/9/2023 5:12	Subtransmission	TRK 2922			EQUIPMENT FAILURE
8/2/2023 17:13	8/3/2023 14:16	Subtransmission	TIE 1540			EQUIPMENT FAILURE
8/3/2023 14:15	9/19/2023 11:54	Subtransmission	TIE 1540			EQUIPMENT FAILURE
8/4/2023 7:41	8/4/2023 10:05	Subtransmission	TRK 5906			EQUIPMENT FAILURE
8/4/2023 9:56	10/3/2023 22:33	Subtransmission	TRK 5906			EQUIPMENT FAILURE
8/7/2023 11:23	8/8/2023 20:20	Subtransmission	TIE 3208	195	16604	EQUIPMENT FAILURE
8/7/2023 13:52	8/8/2023 1:23	Subtransmission	TIE 3208	209	14209	EQUIPMENT FAILURE
8/11/2023 15:50	8/22/2023 8:53	Subtransmission	TIE 1540			EQUIPMENT FAILURE
8/22/2023 8:52	10/2/2023 11:30	Subtransmission	TIE 1540			EQUIPMENT FAILURE
8/24/2023 10:49	8/29/2023 1:20	Subtransmission	TRK 315			EQUIPMENT FAILURE
8/24/2023 10:43	8/28/2023 14:46	Subtransmission	TRK 315			EQUIPMENT FAILURE
8/24/2023 6:09	8/24/2023 14:56	Subtransmission	TRK 4405			EQUIPMENT FAILURE
8/24/2023 2:23	8/25/2023 21:17	Subtransmission	TRK 4405	487	632516	EQUIPMENT FAILURE
8/24/2023 2:39	8/26/2023 12:09	Subtransmission	TRK 4405			EQUIPMENT FAILURE
8/24/2023 2:24	8/25/2023 20:09	Subtransmission	TRK 4509	215	113541	EQUIPMENT FAILURE
8/25/2023 2:50	8/29/2023 10:47	Subtransmission	TRK 1322			EQUIPMENT FAILURE
8/25/2023 2:41	8/26/2023 12:36	Subtransmission	TRK 1346			EQUIPMENT FAILURE
8/25/2023 17:11	1/11/2024 22:33	Subtransmission	TRK 4227			EQUIPMENT FAILURE
8/29/2023 1:49	8/29/2023 22:50	Subtransmission	TRK 2250			EQUIPMENT FAILURE
9/2/2023 4:11	9/3/2023 7:47	Subtransmission	TRK 462			EQUIPMENT FAILURE
9/3/2023 7:47	9/19/2023 9:04	Subtransmission	TRK 462			EQUIPMENT FAILURE
9/6/2023 16:54	9/6/2023 20:43	Subtransmission	TIE 7745			EQUIPMENT FAILURE
9/6/2023 10:31	9/20/2023 16:55	Subtransmission	TIE 7745			EQUIPMENT FAILURE
9/6/2023 10:42	9/6/2023 15:28	Subtransmission	TIE 7745			EQUIPMENT FAILURE
9/7/2023 10:03	9/19/2023 17:34	Subtransmission	TIE 7745			EQUIPMENT FAILURE
9/11/2023 15:47	9/19/2023 17:37	Subtransmission	TRK 2038			EQUIPMENT FAILURE
9/19/2023 17:33	10/30/2023 12:57	Subtransmission	TIE 7745			EQUIPMENT FAILURE
9/19/2023 17:37	10/30/2023 22:31	Subtransmission	TRK 2038			EQUIPMENT FAILURE
9/19/2023 17:34	12/2/2023 18:55	Subtransmission	TRK 2922			EQUIPMENT FAILURE
10/2/2023 15:06	10/3/2023 8:13	Subtransmission	TRK 3526			EQUIPMENT FAILURE
10/28/2023 13:23	10/29/2023 20:43	Subtransmission	TRK 2218			EQUIPMENT FAILURE
11/2/2023 15:00	11/3/2023 16:44	Subtransmission	TIE 1467			EQUIPMENT FAILURE
11/11/2023 8:22	11/14/2023 8:45	Subtransmission	TRK 1546			EQUIPMENT FAILURE
11/14/2023 8:45	2/5/2024 22:37	Subtransmission	TRK 1546			EQUIPMENT FAILURE
11/14/2023 6:13	12/13/2023 6:32	Subtransmission	TRK 6508			EQUIPMENT FAILURE
12/18/2023 9:10	12/18/2023 16:37	Subtransmission	TIE 4109	1808	262188	EQUIPMENT FAILURE
12/18/2023 9:16	12/18/2023 16:50	Subtransmission	TIE 4109			EQUIPMENT FAILURE
12/18/2023 9:30	12/18/2023 16:51	Subtransmission	TIE 4109	1	145	EQUIPMENT FAILURE
12/18/2023 9:22	12/18/2023 13:04	Subtransmission	TIE 4109	1	144	EQUIPMENT FAILURE
12/18/2023 9:11	12/18/2023 20:21	Subtransmission	TIE 4109	334	48431	EQUIPMENT FAILURE
12/18/2023 12:57	12/18/2023 17:03	Subtransmission	TIE 4109			EQUIPMENT FAILURE
12/18/2023 9:11	12/18/2023 16:49	Subtransmission	TIE 4109	1	144	EQUIPMENT FAILURE
12/18/2023 13:53	2/6/2024 6:24	Subtransmission	TRK 2826			EQUIPMENT FAILURE
12/18/2023 11:33	12/18/2023 13:53	Subtransmission	TRK 2826			EQUIPMENT FAILURE
11/9/2021 10:01	11/9/2021 12:00	Subtransmission	TRK 5127	306	36424	INTENTIONAL
4/25/2018 15:55	4/25/2018 22:56	Subtransmission	TRK 2032			PUBLIC INTERFERENCE
5/10/2018 14:35	5/10/2018 18:40	Subtransmission	TRK 2659	701	172992	PUBLIC INTERFERENCE
7/5/2018 9:50	7/5/2018 11:49	Subtransmission	TRK 2237			PUBLIC INTERFERENCE
7/5/2018 10:06	7/5/2018 16:53	Subtransmission	TRK 2237			PUBLIC INTERFERENCE
8/27/2018 6:55	8/27/2018 20:53	Subtransmission	TRK 3646			PUBLIC INTERFERENCE
8/27/2018 12:30	8/27/2018 20:29	Subtransmission	TRK 3646			PUBLIC INTERFERENCE
8/28/2018 17:21	8/31/2018 20:55	Subtransmission	TRK 3646			PUBLIC INTERFERENCE
8/28/2018 10:37	8/28/2018 17:12	Subtransmission	TRK 3646			PUBLIC INTERFERENCE
9/4/2018 10:39	9/4/2018 15:37	Subtransmission	TRK 5411			PUBLIC INTERFERENCE
10/14/2018 6:36	10/14/2018 19:24	Subtransmission	TIE 185			PUBLIC INTERFERENCE
10/18/2018 20:55	10/19/2018 5:35	Subtransmission	TIE 6517			PUBLIC INTERFERENCE
11/14/2018 10:31	11/14/2018 17:54	Subtransmission	TRK 2016			PUBLIC INTERFERENCE
11/14/2018 10:36	11/14/2018 23:28	Subtransmission	TRK 2016			PUBLIC INTERFERENCE
11/26/2018 23:04	11/27/2018 0:42	Subtransmission	TIE 5823	691	73325	PUBLIC INTERFERENCE
11/26/2018 23:04	11/27/2018 0:42	Subtransmission	TIE 5823	1049	105834	PUBLIC INTERFERENCE
11/26/2018 23:04	11/27/2018 6:15	Subtransmission	TIE 5823	244	49881	PUBLIC INTERFERENCE
11/26/2018 23:15	11/27/2018 7:43	Subtransmission	TIE 5823			PUBLIC INTERFERENCE
11/28/2018 23:42	11/29/2018 6:55	Subtransmission	TIE 5823			PUBLIC INTERFERENCE
12/12/2018 22:17	12/13/2018 0:54	Subtransmission	TRK 2824			PUBLIC INTERFERENCE
12/21/2018 0:04	12/21/2018 1:29	Subtransmission	TRK 4316			PUBLIC INTERFERENCE

1/16/2019 8:01	1/16/2019 9:05	Subtransmission	Distribution	TRK 2519	1208	75443	PUBLIC INTERFERENCE
1/18/2019 23:21	1/19/2019 20:40	Subtransmission	Distribution	TRK 1502	2	2559	PUBLIC INTERFERENCE
3/16/2019 10:43	3/18/2019 14:30	Subtransmission	None	TIE 7621			PUBLIC INTERFERENCE
8/17/2019 3:36	8/17/2019 7:00	Subtransmission	None	TRK 1303			PUBLIC INTERFERENCE
9/29/2019 17:31	9/29/2019 22:18	Subtransmission	None	TIE 7745			PUBLIC INTERFERENCE
11/17/2019 18:48	11/17/2019 21:54	Subtransmission	None	TIE 4104			PUBLIC INTERFERENCE
12/2/2019 10:17	12/2/2019 11:56	Subtransmission	None	TRK 3646			PUBLIC INTERFERENCE
12/16/2019 23:28	12/17/2019 1:56	Subtransmission	None	TRK 3646			PUBLIC INTERFERENCE
2/28/2020 21:39	2/29/2020 3:01	Subtransmission	None	TIE 3705			PUBLIC INTERFERENCE
3/13/2020 12:43	3/13/2020 21:23	Subtransmission	None	TRK 7151			PUBLIC INTERFERENCE
3/13/2020 12:24	3/13/2020 17:10	Subtransmission	Distribution	TRK 7151	2	567	PUBLIC INTERFERENCE
5/1/2020 1:11	5/2/2020 4:56	Subtransmission	None	TRK 620			PUBLIC INTERFERENCE
7/3/2020 20:37	7/4/2020 19:11	Subtransmission	None	TRK 2313			PUBLIC INTERFERENCE
7/4/2020 16:44	7/4/2020 18:22	Subtransmission	Distribution	TRK 2313	1	53	PUBLIC INTERFERENCE
7/26/2020 11:29	7/26/2020 12:44	Subtransmission	None	TRK 2510			PUBLIC INTERFERENCE
8/7/2020 6:53	8/7/2020 14:30	Subtransmission	None	TIE 3822			PUBLIC INTERFERENCE
8/7/2020 6:20	8/7/2020 6:59	Subtransmission	Distribution	TIE 3822	54	24539	PUBLIC INTERFERENCE
8/7/2020 6:34	8/7/2020 14:57	Subtransmission	None	TIE 3822			PUBLIC INTERFERENCE
8/7/2020 6:50	8/7/2020 7:11	Subtransmission	None	TIE 3822			PUBLIC INTERFERENCE
8/7/2020 6:21	8/7/2020 6:59	Subtransmission	Distribution	TIE 3822	1629	63900	PUBLIC INTERFERENCE
8/7/2020 7:25	8/7/2020 13:30	Subtransmission	Distribution	TIE 3822			PUBLIC INTERFERENCE
10/4/2020 11:22	10/4/2020 23:31	Subtransmission	None	TIE 1423			PUBLIC INTERFERENCE
1/8/2021 5:23	1/8/2021 7:33	Subtransmission	None	TIE 6117			PUBLIC INTERFERENCE
1/13/2021 18:05	1/14/2021 5:13	Subtransmission	None	TRK 2418			PUBLIC INTERFERENCE
1/13/2021 19:15	1/15/2021 8:40	Subtransmission	None	TRK 2418			PUBLIC INTERFERENCE
1/22/2021 8:51	1/22/2021 13:26	Subtransmission	None	TIE 7745			PUBLIC INTERFERENCE
1/31/2021 16:46	1/31/2021 21:48	Subtransmission	None	TRK 5817			PUBLIC INTERFERENCE
2/6/2021 9:10	2/6/2021 10:14	Subtransmission	None	TRK 6508			PUBLIC INTERFERENCE
2/6/2021 9:07	2/6/2021 15:20	Subtransmission	None	TRK 6508			PUBLIC INTERFERENCE
2/26/2021 12:19	2/26/2021 21:06	Subtransmission	None	TRK 541			PUBLIC INTERFERENCE
3/1/2021 19:12	3/1/2021 21:28	Subtransmission	None	TRK 6304			PUBLIC INTERFERENCE
3/19/2021 15:46	3/20/2021 5:48	Subtransmission	Distribution	TIE 201	97	80469	PUBLIC INTERFERENCE
3/19/2021 22:50	3/20/2021 1:11	Subtransmission	None	TRK 6304			PUBLIC INTERFERENCE
3/28/2021 15:43	3/28/2021 17:30	Subtransmission	None	TRK 3124			PUBLIC INTERFERENCE
5/8/2021 9:47	5/8/2021 18:26	Subtransmission	None	TIE 3402			PUBLIC INTERFERENCE
6/1/2021 18:44	6/2/2021 1:48	Subtransmission	None	TRK 7122			PUBLIC INTERFERENCE
9/29/2021 19:43	9/29/2021 21:10	Subtransmission	None	TRK 5935			PUBLIC INTERFERENCE
9/29/2021 20:06	9/29/2021 21:15	Subtransmission	None	TRK 5935			PUBLIC INTERFERENCE
9/29/2021 8:21	9/29/2021 15:30	Subtransmission	Distribution	TRK 5935	270	56209	PUBLIC INTERFERENCE
9/29/2021 8:31	9/29/2021 19:59	Subtransmission	None	TRK 5935			PUBLIC INTERFERENCE
10/8/2021 7:33	10/8/2021 16:56	Subtransmission	None	TRK 2713			PUBLIC INTERFERENCE
10/22/2021 7:47	10/22/2021 9:59	Subtransmission	None	TRK 2659			PUBLIC INTERFERENCE
11/27/2021 2:45	11/27/2021 6:13	Subtransmission	None	TIE 2812			PUBLIC INTERFERENCE
1/23/2022 23:26	1/24/2022 3:33	Subtransmission	None	TRK 1218			PUBLIC INTERFERENCE
2/1/2022 16:11	2/1/2022 22:00	Subtransmission	None	TRK 7909			PUBLIC INTERFERENCE
2/10/2022 12:28	2/10/2022 23:33	Subtransmission	None	TIE 7745			PUBLIC INTERFERENCE
2/14/2022 8:33	2/14/2022 11:59	Subtransmission	None	TRK 1303			PUBLIC INTERFERENCE
2/14/2022 8:09	2/14/2022 13:02	Subtransmission	None	TRK 1303			PUBLIC INTERFERENCE
3/18/2022 2:41	3/18/2022 5:21	Subtransmission	None	TRK 2313			PUBLIC INTERFERENCE
4/17/2022 11:06	4/17/2022 14:17	Subtransmission	Distribution	TRK 2038	3081	541783	PUBLIC INTERFERENCE
5/17/2022 9:44	5/17/2022 12:54	Subtransmission	Distribution	TIE 6931			PUBLIC INTERFERENCE
5/18/2022 1:54	5/18/2022 3:23	Subtransmission	Distribution	TRK 2636	246	22947	PUBLIC INTERFERENCE
5/20/2022 8:24	5/20/2022 10:30	Subtransmission	Distribution	TRK 3546	1113	104532	PUBLIC INTERFERENCE
5/21/2022 10:15	5/27/2022 6:30	Subtransmission	None	TRK 3546			PUBLIC INTERFERENCE
6/4/2022 0:20	6/4/2022 22:45	Subtransmission	None	TRK 2247			PUBLIC INTERFERENCE
6/18/2022 0:24	6/18/2022 6:10	Subtransmission	None	TRK 2411			PUBLIC INTERFERENCE
9/19/2022 12:16	9/19/2022 15:00	Subtransmission	Distribution	TIE 3417	15	2444	PUBLIC INTERFERENCE
9/30/2022 23:40	10/1/2022 1:50	Subtransmission	Distribution	TIE 4708	547	77547	PUBLIC INTERFERENCE
9/30/2022 23:39	10/1/2022 1:50	Subtransmission	Distribution	TIE 4708	627	88892	PUBLIC INTERFERENCE
10/15/2022 5:17	10/15/2022 7:07	Subtransmission	None	TRK 2313			PUBLIC INTERFERENCE
12/10/2022 8:00	12/11/2022 8:57	Subtransmission	None	TIE 9303			PUBLIC INTERFERENCE
1/12/2023 12:35	1/13/2023 5:31	Subtransmission	None	TIE 810			PUBLIC INTERFERENCE
5/13/2023 21:54	6/1/2023 7:08	Subtransmission	None	TIE 1423			PUBLIC INTERFERENCE
5/13/2023 20:52	5/14/2023 0:27	Subtransmission	None	TRK 2543			PUBLIC INTERFERENCE
5/14/2023 3:04	5/14/2023 15:26	Subtransmission	None	TRK 2543			PUBLIC INTERFERENCE
6/6/2023 16:46	10/24/2023 9:00	Subtransmission	None	TRK 2302			PUBLIC INTERFERENCE
6/6/2023 14:42	6/6/2023 16:47	Subtransmission	None	TRK 2302			PUBLIC INTERFERENCE
8/28/2023 17:05	9/14/2023 21:36	Subtransmission	None	TRK 1251			PUBLIC INTERFERENCE
8/28/2023 14:16	8/30/2023 18:54	Subtransmission	None	TRK 2313			PUBLIC INTERFERENCE
9/17/2023 9:17	9/18/2023 4:45	Subtransmission	None	TRK 5145			PUBLIC INTERFERENCE
9/17/2023 8:41	9/17/2023 21:25	Subtransmission	None	TRK 5145			PUBLIC INTERFERENCE
10/16/2023 13:22	10/17/2023 6:07	Subtransmission	None	TRK 2250			PUBLIC INTERFERENCE
11/20/2023 18:37	11/21/2023 6:57	Subtransmission	None	TRK 2107			PUBLIC INTERFERENCE
11/20/2023 18:33	11/21/2023 0:01	Subtransmission	None	TRK 2107			PUBLIC INTERFERENCE
12/4/2023 13:30	12/5/2023 13:53	Subtransmission	None	TRK 1248			PUBLIC INTERFERENCE
5/4/2018 19:15	5/5/2018 21:15	Subtransmission	None	TIE 3241			TREE
5/4/2018 13:08	5/4/2018 18:15	Subtransmission	None	TIE 4104			TREE
5/4/2018 18:11	5/9/2018 5:03	Subtransmission	None	TIE 4104			TREE
5/4/2018 18:22	5/7/2018 18:14	Subtransmission	None	TIE 4105			TREE
5/4/2018 16:40	5/7/2018 12:47	Subtransmission	None	TIE 4105			TREE
5/4/2018 18:34	5/8/2018 14:07	Subtransmission	None	TIE 4105			TREE
2/14/2019 13:14	2/15/2019 14:59	Subtransmission	None	TIE 4105			TREE
2/24/2019 21:42	2/25/2019 4:44	Subtransmission	Distribution	TIE 4105	820	345745	TREE
2/24/2019 21:45	2/25/2019 20:00	Subtransmission	Distribution	TIE 4105	85	107258	TREE
2/24/2019 17:44	2/25/2019 19:13	Subtransmission	Distribution	TIE 4105	506	637615	TREE
5/3/2019 12:13	5/4/2019 15:02	Subtransmission	None	TRK 5411			TREE
7/20/2019 18:22	7/25/2019 18:00	Subtransmission	Distribution	TIE 4105	346	1135226	TREE
7/20/2019 18:45	7/21/2019 20:22	Subtransmission	None	TIE 4105			TREE
7/7/2021 15:08	7/7/2021 20:45	Subtransmission	Distribution	TRK 1225	1108	378873	TREE
7/7/2021 15:08	7/8/2021 7:33	Subtransmission	Distribution	TRK 1225	1055	366057	TREE
7/7/2021 15:09	7/9/2021 3:30	Subtransmission	Subtransmission	TRK 1225	71	130080	TREE
7/7/2021 15:13	7/9/2021 3:35	Subtransmission	Distribution	TRK 1225	528	1008331	TREE
7/7/2021 15:09	7/8/2021 13:18	Subtransmission	Distribution	TRK 1225	1454	962312	TREE
7/7/2021 15:15	7/9/2021 3:34	Subtransmission	Distribution	TRK 1225	220	405027	TREE
7/7/2021 15:08	7/9/2021 3:31	Subtransmission	Subtransmission	TRK 1225	488	980508	TREE
7/7/2021 15:09	7/8/2021 20:00	Subtransmission	Distribution	TRK 1225	613	1338801	TREE
7/7/2021 15:15	7/9/2021 3:34	Subtransmission	Distribution	TRK 1225	373	688048	TREE
7/7/2021 21:16	7/11/2021 14:12	Subtransmission	None	TRK 4045			TREE
7/8/2021 5:47	7/8/2021 19:51	Subtransmission	None	TRK 5923			TREE
7/20/2021 15:22	7/20/2021 17:30	Subtransmission	Distribution	TIE 3402	329	42187	TREE
7/20/2021 15:30	7/20/2021 23:42	Subtransmission	None	TIE 3402			TREE
8/29/2022 19:53	8/30/2022 14:51	Subtransmission	None	TIE 9303			TREE
8/29/2022 18:10	8/31/2022 19:50	Subtransmission	Distribution	TIE 9303	1612	4748921	TREE
8/29/2022 18:14	8/31/2022 13:15	Subtransmission	Distribution	TIE 9303	989	1363371	TREE
8/30/2022 10:42	8/30/2022 15:48	Subtransmission	None	TIE 9303			TREE

11/5/2022 12:23	11/5/2022 20:18	Subtransmission	None	TIE 4105			TREE
11/5/2022 12:11	11/5/2022 17:00	Subtransmission	Distribution	TIE 4105	107	29209	TREE
12/22/2022 14:11	12/24/2022 15:45	Subtransmission	Distribution	TIE 3241	381	93459	TREE
12/22/2022 11:39	12/23/2022 12:30	Subtransmission	Distribution	TIE 3241	2	428	TREE
12/23/2022 13:15	12/26/2022 21:03	Subtransmission	None	TIE 3241			TREE
12/23/2022 18:35	12/24/2022 12:33	Subtransmission	None	TIE 3241			TREE
12/23/2022 13:35	12/23/2022 18:47	Subtransmission	Distribution	TIE 3241			TREE
2/27/2023 18:02	2/28/2023 10:41	Subtransmission	Subtransmission	TIE 4605	1582	178676	TREE
2/28/2023 7:29	3/1/2023 19:31	Subtransmission	Circuit Level	TIE 4605	505	362915	TREE
2/28/2023 13:15	3/8/2023 10:35	Subtransmission		TIE 4605			TREE
2/28/2023 7:36	3/3/2023 6:18	Subtransmission		TIE 4605			TREE
7/5/2023 9:23	7/7/2023 13:04	Subtransmission		TRK 5239			TREE
7/13/2023 5:40	7/13/2023 20:10	Subtransmission		TIE 810			TREE
7/26/2023 16:15	7/29/2023 20:22	Subtransmission		TIE 1540			TREE
7/26/2023 16:05	7/28/2023 18:11	Subtransmission	Subtransmission	TIE 1540	5	5760	TREE
7/26/2023 17:00	7/28/2023 10:31	Subtransmission	Single Customer	TIE 1540			TREE
7/26/2023 17:05	7/27/2023 5:06	Subtransmission		TIE 1540			TREE
7/26/2023 15:50	7/30/2023 15:57	Subtransmission	Circuit Level	TIE 1540	92	518626	TREE
7/26/2023 17:15	7/28/2023 15:33	Subtransmission		TRK 4301			TREE
7/27/2023 19:30	7/29/2023 22:04	Subtransmission		TIE 1467			TREE
7/27/2023 17:07	7/29/2023 14:57	Subtransmission		TRK 4301			TREE
7/28/2023 17:12	7/30/2023 8:34	Subtransmission	Device (II)	TRK 4301	1057	4400060	TREE
7/29/2023 4:18	7/30/2023 18:33	Subtransmission		TRK 4301			TREE
7/29/2023 9:26	7/30/2023 19:52	Subtransmission		TRK 4301			TREE
7/30/2023 11:06	7/30/2023 17:33	Subtransmission		TIE 1540			TREE
8/24/2023 15:55	8/25/2023 1:14	Subtransmission	Single Customer	TIE 1318			TREE
8/24/2023 10:02	8/29/2023 13:51	Subtransmission	Subtransmission	TIE 1318	4049	13258755	TREE
8/24/2023 10:58	8/24/2023 15:26	Subtransmission		TIE 1423			TREE
8/24/2023 0:22	8/28/2023 10:03	Subtransmission	Device (II)	TIE 1423	1305	4235917	TREE
8/24/2023 8:46	8/26/2023 22:27	Subtransmission	Device (II)	TIE 1423	30	97534	TREE
8/26/2023 16:39	8/29/2023 16:21	Subtransmission		TIE 1423			TREE
8/27/2023 19:33	8/29/2023 15:57	Subtransmission		TIE 1423			TREE
9/6/2023 22:06	9/7/2023 7:48	Subtransmission	Device (II)	TIE 6138	269	33454	TREE
9/6/2023 22:56	9/7/2023 17:46	Subtransmission		TIE 6138			TREE
9/19/2023 9:07	9/19/2023 11:38	Subtransmission		TRK 3526			TREE
9/20/2023 18:38	10/2/2023 15:06	Subtransmission		TRK 3526			TREE
5/2/2023 8:10	5/2/2023 11:48	Subtransmission		TRK 4911			WIND
10/19/2018 13:08	10/19/2018 15:23	Subtransmission	None	TRK 7122			ANIMAL
10/19/2018 13:18	10/19/2018 16:14	Subtransmission	None	TRK 7122			ANIMAL
12/7/2018 7:54	12/7/2018 14:49	Subtransmission	None	TRK 7122			ANIMAL
12/7/2018 17:02	12/7/2018 22:08	Subtransmission	None	TRK 7122			ANIMAL
12/7/2018 17:48	12/7/2018 21:22	Subtransmission	None	TRK 7122			ANIMAL
8/8/2020 13:52	8/8/2020 15:30	Subtransmission	None	TIE 7702			ANIMAL
8/25/2020 18:51	8/26/2020 14:19	Subtransmission	None	TRK 2907			ANIMAL
5/14/2021 14:28	5/15/2021 12:52	Subtransmission	None	TIE 6931			ANIMAL
10/12/2021 7:55	10/12/2021 10:40	Subtransmission	None	TRK 3650			ANIMAL
11/24/2021 10:19	11/29/2021 6:55	Subtransmission	None	TRK 4338			ANIMAL
7/23/2022 7:06	7/24/2022 10:46	Subtransmission	None	TRK 7114			ANIMAL
7/24/2022 7:31	7/24/2022 10:41	Subtransmission	None	TRK 7114			ANIMAL
7/24/2022 11:39	7/24/2022 17:05	Subtransmission	None	TRK 7114			ANIMAL
1/20/2018 7:58	1/20/2018 10:29	Subtransmission	None	TRK 3650			EQUIPMENT FAILURE
3/8/2018 10:48	3/8/2018 14:32	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
3/27/2018 11:32	3/27/2018 14:30	Subtransmission	Distribution	TIE 4505	1949	321725	EQUIPMENT FAILURE
3/27/2018 16:03	3/27/2018 20:02	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
1/15/2019 15:09	1/15/2019 20:00	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
3/4/2019 1:45	3/4/2019 4:35	Subtransmission	None	TIE 2819			EQUIPMENT FAILURE
7/19/2019 12:23	7/19/2019 15:11	Subtransmission	None	TRK 141			EQUIPMENT FAILURE
8/28/2019 4:19	8/28/2019 22:48	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 17:19	9/13/2019 19:28	Subtransmission	Distribution	TIE 4105	703	76667	EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	Distribution	TIE 4105	1	109	EQUIPMENT FAILURE
9/13/2019 18:00	9/13/2019 19:28	Subtransmission	Distribution	TIE 4105	220	24072	EQUIPMENT FAILURE
9/13/2019 23:11	9/14/2019 19:58	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 18:32	9/13/2019 20:19	Subtransmission	Distribution	TIE 4105	1	110	EQUIPMENT FAILURE
9/13/2019 17:37	9/13/2019 20:56	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
9/13/2019 17:19	9/14/2019 17:06	Subtransmission	Distribution	TIE4105	108	169881	EQUIPMENT FAILURE
9/13/2019 18:39	9/13/2019 19:28	Subtransmission	Distribution	TIE4105			EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
9/14/2019 17:33	9/14/2019 19:53	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/14/2019 17:33	9/14/2019 19:53	Subtransmission	None	TIE4105			EQUIPMENT FAILURE
9/16/2019 14:25	9/16/2019 18:09	Subtransmission	None	TIE 5843			EQUIPMENT FAILURE
9/18/2019 17:09	9/24/2019 12:51	Subtransmission	None	TIE 5513			EQUIPMENT FAILURE
9/22/2019 13:25	9/22/2019 13:32	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:26	9/22/2019 13:38	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:25	9/22/2019 13:32	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:25	9/22/2019 13:35	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:28	9/22/2019 13:42	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:24	9/22/2019 13:30	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:24	9/22/2019 13:33	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:16	9/22/2019 13:41	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 13:38	9/23/2019 2:47	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/22/2019 15:04	9/23/2019 2:19	Subtransmission	None	TIE 6621			EQUIPMENT FAILURE
9/25/2019 16:29	9/25/2019 19:33	Subtransmission	None	TRK 1518			EQUIPMENT FAILURE
3/6/2020 7:24	3/6/2020 11:38	Subtransmission	None	TIE 1568			EQUIPMENT FAILURE
3/18/2020 20:33	3/18/2020 21:28	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 18:46	3/18/2020 20:22	Subtransmission	Distribution	TIE 4428	872	84408	EQUIPMENT FAILURE
3/18/2020 18:46	3/18/2020 20:22	Subtransmission	Distribution	TIE 4428	660	63969	EQUIPMENT FAILURE
3/18/2020 18:56	3/19/2020 3:01	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 18:52	3/18/2020 21:26	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 18:46	3/18/2020 20:28	Subtransmission	Distribution	TIE 4428	888	85574	EQUIPMENT FAILURE
3/18/2020 20:56	3/18/2020 21:19	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 18:46	3/18/2020 20:28	Subtransmission	Distribution	TIE 4428	1835	176596	EQUIPMENT FAILURE
3/18/2020 18:46	3/18/2020 20:27	Subtransmission	Distribution	TIE 4428	1753	222779	EQUIPMENT FAILURE
3/18/2020 20:58	3/18/2020 21:40	Subtransmission	Distribution	TIE 4428			EQUIPMENT FAILURE
3/18/2020 21:11	3/18/2020 21:20	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 20:58	3/18/2020 22:16	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 20:44	3/18/2020 21:18	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
3/18/2020 20:36	3/18/2020 21:17	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
6/10/2020 21:53	6/11/2020 9:01	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
6/10/2020 16:07	6/12/2020 14:15	Subtransmission	Distribution	TIE 2812	1108	222284	EQUIPMENT FAILURE
6/10/2020 16:23	6/11/2020 13:52	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
10/22/2020 8:05	10/22/2020 11:57	Subtransmission	None	TRK 6842			EQUIPMENT FAILURE
10/22/2020 8:02	10/22/2020 17:37	Subtransmission	None	TRK 6842			EQUIPMENT FAILURE
12/9/2020 11:34	12/9/2020 17:46	Subtransmission	None	TRK 2218			EQUIPMENT FAILURE
1/14/2021 7:55	1/14/2021 15:21	Subtransmission	None	TIE 7745			EQUIPMENT FAILURE

1/25/2021 9:17	1/25/2021 17:23	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
3/26/2021 17:07	3/26/2021 20:01	Subtransmission	None	TIE 226			EQUIPMENT FAILURE
8/11/2021 21:10	8/15/2021 19:30	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
8/11/2021 15:24	8/16/2021 18:15	Subtransmission	Distribution	TIE 1473	4	16918	EQUIPMENT FAILURE
8/11/2021 15:24	8/16/2021 18:15	Subtransmission	Distribution	TIE 1473	299	145308	EQUIPMENT FAILURE
8/16/2021 19:42	8/18/2021 13:06	Subtransmission	Distribution	TIE 1473	1	14	EQUIPMENT FAILURE
8/16/2021 5:00	8/16/2021 18:15	Subtransmission	Distribution	TIE 1473	7	16651	EQUIPMENT FAILURE
8/16/2021 14:09	8/16/2021 18:15	Subtransmission	Distribution	TIE 1473	11	16855	EQUIPMENT FAILURE
8/16/2021 19:29	8/18/2021 14:07	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
9/20/2021 8:36	9/20/2021 12:46	Subtransmission	None	TRK 2032			EQUIPMENT FAILURE
10/14/2021 9:39	10/14/2021 17:45	Subtransmission	None	TRK 2713			EQUIPMENT FAILURE
10/25/2021 11:59	10/25/2021 21:12	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
10/25/2021 2:19	10/25/2021 5:59	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
10/25/2021 2:33	10/25/2021 14:31	Subtransmission	None	TIE 1531			EQUIPMENT FAILURE
4/2/2022 6:59	4/3/2022 20:22	Subtransmission	None	TRK 3536			EQUIPMENT FAILURE
5/9/2022 9:05	5/9/2022 21:17	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
5/10/2022 16:15	5/16/2022 20:56	Subtransmission	None	TRK 2107			EQUIPMENT FAILURE
6/26/2022 21:34	6/28/2022 12:37	Subtransmission	None	TIE 4428			EQUIPMENT FAILURE
8/28/2022 17:36	9/2/2022 14:02	Subtransmission	Distribution	TRK 1303	51	141432	EQUIPMENT FAILURE
8/28/2022 14:39	8/28/2022 18:12	Subtransmission	Distribution	TRK 1303	1	5	EQUIPMENT FAILURE
8/28/2022 14:36	8/31/2022 17:08	Subtransmission	Distribution	TRK 1303	3332	17504	EQUIPMENT FAILURE
8/28/2022 14:47	8/28/2022 18:32	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
8/28/2022 14:55	8/28/2022 15:49	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
9/2/2022 9:10	9/3/2022 11:51	Subtransmission	None	TIE 4412			EQUIPMENT FAILURE
9/20/2022 21:46	9/21/2022 1:45	Subtransmission	Distribution	TIE 4523	555	128614	EQUIPMENT FAILURE
9/20/2022 21:58	9/21/2022 16:00	Subtransmission	None	TIE 4523			EQUIPMENT FAILURE
12/15/2022 7:23	12/15/2022 16:51	Subtransmission	Distribution	TIE 3241	278	158652	EQUIPMENT FAILURE
12/15/2022 7:23	12/15/2022 17:05	Subtransmission	Distribution	TIE 3241	2000	1151895	EQUIPMENT FAILURE
12/15/2022 7:23	12/15/2022 17:10	Subtransmission	Distribution	TIE 3241	331	201091	EQUIPMENT FAILURE
12/15/2022 7:23	12/15/2022 17:10	Subtransmission	Distribution	TIE 3241	426	253165	EQUIPMENT FAILURE
12/15/2022 7:23	12/15/2022 17:00	Subtransmission	Distribution	TIE 3241	543	330236	EQUIPMENT FAILURE
2/9/2023 15:40	2/9/2023 23:03	Subtransmission		TIE 2812			EQUIPMENT FAILURE
2/17/2023 2:46	2/17/2023 13:04	Subtransmission	Subtransmission	TRK 6508	1426	201241	EQUIPMENT FAILURE
3/15/2023 10:55	3/15/2023 15:51	Subtransmission		TIE 6931	1	98	EQUIPMENT FAILURE
3/15/2023 11:01	3/15/2023 18:22	Subtransmission		TIE 6931			EQUIPMENT FAILURE
3/15/2023 11:05	3/15/2023 18:22	Subtransmission		TIE 6931	1	195	EQUIPMENT FAILURE
3/15/2023 11:25	3/17/2023 16:59	Subtransmission		TIE 6931	1	195	EQUIPMENT FAILURE
3/15/2023 9:34	3/15/2023 15:53	Subtransmission	Device (I)	TIE 6931	19	4398	EQUIPMENT FAILURE
6/5/2023 20:44	6/6/2023 5:34	Subtransmission	Circuit Level	TRK 2218	973	275976	EQUIPMENT FAILURE
6/5/2023 20:46	6/6/2023 4:56	Subtransmission	Circuit Level	TRK 2218	35	14910	EQUIPMENT FAILURE
6/5/2023 20:44	6/6/2023 4:32	Subtransmission	Circuit Level	TRK 2218	1031	376156	EQUIPMENT FAILURE
6/17/2023 10:04	6/17/2023 17:24	Subtransmission		TIE 1268			EQUIPMENT FAILURE
8/10/2023 11:16	8/10/2023 13:49	Subtransmission		TRK 1340			EQUIPMENT FAILURE
8/24/2023 7:06	8/25/2023 20:30	Subtransmission	Circuit Level	TIE 7702			EQUIPMENT FAILURE
8/24/2023 4:39	8/25/2023 17:50	Subtransmission	Circuit Level	TIE 7702	206	103429	EQUIPMENT FAILURE
8/24/2023 2:40	8/30/2023 21:30	Subtransmission		TIE 7702			EQUIPMENT FAILURE
8/28/2023 7:55	8/30/2023 17:16	Subtransmission		TIE 2025			EQUIPMENT FAILURE
8/28/2023 23:46	8/29/2023 10:28	Subtransmission		TIE 7702			EQUIPMENT FAILURE
8/29/2023 10:41	8/30/2023 7:41	Subtransmission		TIE 1312			EQUIPMENT FAILURE
9/4/2023 10:52	9/4/2023 18:01	Subtransmission		TIE 1540			EQUIPMENT FAILURE
9/4/2023 18:07	9/5/2023 15:02	Subtransmission		TIE 1540			EQUIPMENT FAILURE
11/17/2023 10:57	11/17/2023 14:17	Subtransmission		TRK 2250			EQUIPMENT FAILURE
11/30/2023 12:08	12/1/2023 5:03	Subtransmission		TRK 3508			EQUIPMENT FAILURE
12/19/2023 13:15	12/20/2023 5:04	Subtransmission		TRK 5145			EQUIPMENT FAILURE
12/21/2023 13:22	12/22/2023 6:26	Subtransmission		TIE 2648			EQUIPMENT FAILURE
12/28/2023 18:27	12/28/2023 23:10	Subtransmission		TIE 1423			EQUIPMENT FAILURE
11/21/2023 22:00	11/22/2023 1:16	Subtransmission	Subtransmission	TIE 3800	1150	202164	INTENTIONAL
11/21/2023 22:00	11/22/2023 2:54	Subtransmission	Subtransmission	TIE 3800	866	152287	INTENTIONAL
6/10/2020 14:12	6/11/2020 19:30	Subtransmission	Distribution	TIE 7520	418	729321	LIGHTNING
6/4/2020 19:56	6/5/2020 7:11	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/4/2020 19:58	6/5/2020 0:58	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/4/2020 19:54	6/4/2020 23:32	Subtransmission	Distribution	TIE 2819	3155	467010	PUBLIC INTERFERENCE
6/4/2020 20:26	6/5/2020 0:58	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/4/2020 21:05	6/5/2020 0:58	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/4/2020 20:05	6/4/2020 23:45	Subtransmission	Distribution	TIE 2819	1	220	PUBLIC INTERFERENCE
6/4/2020 20:29	6/4/2020 23:50	Subtransmission	Distribution	TIE 2819	1	219	PUBLIC INTERFERENCE
6/4/2020 20:07	6/4/2020 22:05	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/4/2020 20:06	6/4/2020 23:36	Subtransmission	Distribution	TIE 2819	1	220	PUBLIC INTERFERENCE
6/4/2020 20:09	6/5/2020 2:09	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/5/2020 6:08	6/5/2020 8:00	Subtransmission	Distribution	TIE 2819	1	697	PUBLIC INTERFERENCE
6/5/2020 6:15	6/5/2020 9:08	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
6/5/2020 10:07	6/5/2020 13:22	Subtransmission	None	TIE 2819			PUBLIC INTERFERENCE
5/24/2022 17:33	5/25/2022 12:14	Subtransmission	None	TIE 3323			PUBLIC INTERFERENCE
3/5/2018 15:00	3/5/2018 20:59	Subtransmission	None	TIE 9205			TREE
3/6/2018 7:08	3/6/2018 20:21	Subtransmission	None	TIE 9205			TREE
11/1/2020 16:48	11/2/2020 16:46	Subtransmission	None	TIE 4104			TREE
12/16/2021 7:19	12/16/2021 10:29	Subtransmission	None	TIE 4412			TREE
12/16/2021 7:28	12/16/2021 10:29	Subtransmission	None	TIE 4412			TREE
12/16/2021 7:32	12/16/2021 17:17	Subtransmission	None	TIE 4412			TREE
11/7/2022 9:07	11/7/2022 12:02	Subtransmission	None	TIE 2901			TREE
8/16/2021 17:55	8/16/2021 19:36	Subtransmission	None	TIE 1473			WIND
1/22/2018 15:42	1/23/2018 13:41	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
1/22/2018 15:45	1/22/2018 19:39	Subtransmission	None	TIE 3220			EQUIPMENT FAILURE
1/28/2018 14:12	1/28/2018 20:12	Subtransmission	None	TIE 3320			EQUIPMENT FAILURE
3/28/2018 15:00	3/28/2018 17:21	Subtransmission	None	TRK 2411			EQUIPMENT FAILURE
5/1/2018 12:14	5/1/2018 14:31	Subtransmission	None	TIE 4605			EQUIPMENT FAILURE
6/22/2018 19:46	6/22/2018 20:19	Subtransmission	None	TIE 3410			EQUIPMENT FAILURE
8/19/2018 22:48	8/20/2018 16:37	Subtransmission	None	TRK 5411			EQUIPMENT FAILURE
11/17/2018 15:10	11/17/2018 15:56	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
11/17/2018 15:07	11/17/2018 18:47	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
4/7/2019 12:05	4/7/2019 17:54	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
7/19/2019 19:57	7/23/2019 14:00	Subtransmission	Distribution	TIE 4501	272	374517	EQUIPMENT FAILURE
12/30/2019 20:30	12/30/2019 20:41	Subtransmission	Distribution	TIE 810			EQUIPMENT FAILURE
12/30/2019 17:17	12/31/2019 5:22	Subtransmission	None	TIE 810			EQUIPMENT FAILURE
3/31/2020 22:24	4/1/2020 4:00	Subtransmission	Distribution	TRK 2659	839	205976	EQUIPMENT FAILURE
2/17/2021 15:24	2/17/2021 21:17	Subtransmission	None	TRK 6172			EQUIPMENT FAILURE
8/26/2021 12:53	8/29/2021 18:42	Subtransmission	None	TIE 9111			EQUIPMENT FAILURE
7/11/2022 19:06	7/12/2022 12:46	Subtransmission	None	TRK 1121			EQUIPMENT FAILURE
11/30/2022 19:04	12/2/2022 8:37	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
11/30/2022 12:29	11/30/2022 13:50	Subtransmission	None	TRK 7062			EQUIPMENT FAILURE
1/30/2023 23:49	1/31/2023 14:56	Subtransmission	None	TRK 3727			EQUIPMENT FAILURE
2/22/2023 14:46	2/25/2023 11:54	Subtransmission	Device (II)	TIE 1467	594	1797030	EQUIPMENT FAILURE
3/25/2023 14:24	3/25/2023 17:10	Subtransmission	Subtransmission	TIE 1467	1799	77157	EQUIPMENT FAILURE
3/25/2023 14:43	3/27/2023 7:41	Subtransmission		TIE 1467			EQUIPMENT FAILURE
7/17/2023 17:08	7/18/2023 8:34	Subtransmission	Subtransmission	TRK 8215			EQUIPMENT FAILURE

9/13/2019 7:05	9/13/2019 20:46	Subtransmission	None	TRK 2437			PUBLIC INTERFERENCE
9/10/2020 0:50	9/10/2020 6:21	Subtransmission	None	TRK 1303			PUBLIC INTERFERENCE
9/10/2020 0:35	9/10/2020 13:37	Subtransmission	Distribution	TRK 1303	72	52405	PUBLIC INTERFERENCE
1/30/2021 10:49	1/30/2021 13:51	Subtransmission	None	TIE 2648			PUBLIC INTERFERENCE
6/2/2021 14:10	6/2/2021 16:08	Subtransmission	Subtransmission	TIE 9111	598	70998	PUBLIC INTERFERENCE
6/2/2021 14:10	6/2/2021 16:08	Subtransmission	Subtransmission	TIE 9111	230	27311	PUBLIC INTERFERENCE
6/2/2021 14:10	6/2/2021 16:08	Subtransmission	Subtransmission	TIE 9111	397	47151	PUBLIC INTERFERENCE
6/2/2021 14:18	6/3/2021 1:13	Subtransmission	None	TIE 9111			PUBLIC INTERFERENCE
10/1/2018 8:45	10/3/2018 6:49	Subtransmission	None	TRK 5585			EQUIPMENT FAILURE
8/15/2019 17:04	8/20/2019 18:30	Subtransmission	None	TIE 2901			EQUIPMENT FAILURE
4/22/2020 18:53	4/23/2020 3:06	Subtransmission	None	TRK 6508			EQUIPMENT FAILURE
4/22/2020 19:36	4/23/2020 3:12	Subtransmission	Distribution	TRK 6508	1	423	EQUIPMENT FAILURE
8/27/2022 8:51	8/27/2022 12:30	Subtransmission	Distribution	TRK 1276			EQUIPMENT FAILURE
8/27/2022 8:48	8/27/2022 21:51	Subtransmission	None	TRK 1276			EQUIPMENT FAILURE
8/30/2022 9:03	8/30/2022 21:38	Subtransmission	None	TRK 5838			TREE
1/4/2019 13:46	1/4/2019 16:46	Subtransmission	None	TRK 5923			ANIMAL
5/7/2019 13:58	5/7/2019 17:11	Subtransmission	None	TRK 5917			ANIMAL
2/16/2020 11:57	2/16/2020 20:50	Subtransmission	None	TRK 2301			ANIMAL
3/26/2020 0:17	3/26/2020 1:45	Subtransmission	None	TRK 1251			ANIMAL
7/29/2021 19:44	7/29/2021 22:19	Subtransmission	None	TRK 7122			ANIMAL
9/19/2021 18:25	9/19/2021 18:41	Subtransmission	Distribution	TRK 2032			ANIMAL
9/19/2021 18:47	9/20/2021 15:06	Subtransmission	None	TRK 2032			ANIMAL
12/30/2020 5:04	12/30/2020 17:43	Subtransmission	None	TRK 7729			CUSTOMER EQUIPMENT
4/5/2018 14:25	4/5/2018 17:25	Subtransmission	Distribution	TRK 7122	71	13136	EQUIPMENT FAILURE
4/5/2018 14:32	4/5/2018 21:34	Subtransmission	None	TRK 7122			EQUIPMENT FAILURE
4/16/2018 17:17	4/17/2018 20:21	Subtransmission	None	TRK 3534			EQUIPMENT FAILURE
5/3/2018 0:27	5/3/2018 3:10	Subtransmission	Distribution	TIE 1473	197	32079	EQUIPMENT FAILURE
5/3/2018 0:27	5/3/2018 3:10	Subtransmission	Distribution	TIE 1473	871	140783	EQUIPMENT FAILURE
5/3/2018 0:27	5/3/2018 3:10	Subtransmission	Distribution	TIE 1473	454	73952	EQUIPMENT FAILURE
5/12/2018 7:07	5/12/2018 10:45	Subtransmission	None	TRK 7386			EQUIPMENT FAILURE
5/12/2018 6:47	5/12/2018 7:37	Subtransmission	Distribution	TRK 7386	2015	101610	EQUIPMENT FAILURE
5/12/2018 6:47	5/12/2018 7:20	Subtransmission	None	TRK 7386			EQUIPMENT FAILURE
5/12/2018 6:44	5/12/2018 7:37	Subtransmission	Distribution	TRK 7386	1934	97467	EQUIPMENT FAILURE
6/7/2018 19:48	6/7/2018 22:44	Subtransmission	Distribution	TIE 9123	364	64166	EQUIPMENT FAILURE
6/9/2018 19:57	6/10/2018 5:20	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
6/9/2018 20:20	6/10/2018 5:14	Subtransmission	None	TRK 2016			EQUIPMENT FAILURE
6/16/2018 6:48	6/16/2018 8:33	Subtransmission	Distribution	TRK 7150			EQUIPMENT FAILURE
6/16/2018 6:56	6/16/2018 8:33	Subtransmission	Distribution	TRK 7150	259	27118	EQUIPMENT FAILURE
6/16/2018 6:56	6/16/2018 14:29	Subtransmission	None	TRK 7150			EQUIPMENT FAILURE
6/16/2018 7:00	6/16/2018 10:45	Subtransmission	Distribution	TRK 7150	103	24176	EQUIPMENT FAILURE
7/21/2018 12:51	7/23/2018 14:25	Subtransmission	None	TRK 1862			EQUIPMENT FAILURE
8/7/2018 21:42	8/8/2018 17:22	Subtransmission	None	TRK 630			EQUIPMENT FAILURE
8/22/2018 17:40	8/22/2018 18:28	Subtransmission	Distribution	TIE 7702	182	8960	EQUIPMENT FAILURE
9/20/2018 12:15	9/20/2018 12:45	Subtransmission	Distribution	TRK 3534	180	4849	EQUIPMENT FAILURE
10/1/2018 13:44	10/1/2018 16:23	Subtransmission	None	TIE 3534			EQUIPMENT FAILURE
10/11/2018 17:29	10/12/2018 3:24	Subtransmission	None	TRK 1544			EQUIPMENT FAILURE
11/21/2018 15:00	11/21/2018 16:55	Subtransmission	Distribution	TRK 2418	1022	117791	EQUIPMENT FAILURE
11/21/2018 15:00	11/21/2018 16:55	Subtransmission	Distribution	TRK 2418	929	120677	EQUIPMENT FAILURE
11/21/2018 15:00	11/21/2018 16:55	Subtransmission	Distribution	TRK 2418	608	71003	EQUIPMENT FAILURE
11/21/2018 15:07	11/23/2018 18:26	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
11/21/2018 15:09	11/21/2018 20:00	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
11/21/2018 15:00	11/21/2018 16:55	Subtransmission	Distribution	TRK 2418	1043	115670	EQUIPMENT FAILURE
11/30/2018 13:46	3/29/2019 6:13	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
12/28/2018 9:44	12/28/2018 12:05	Subtransmission	None	TIE 4104			EQUIPMENT FAILURE
12/28/2018 16:54	12/28/2018 18:28	Subtransmission	Distribution	TIE 4104	927	79546	EQUIPMENT FAILURE
12/28/2018 16:54	12/28/2018 18:28	Subtransmission	Distribution	TIE 4104	1096	94878	EQUIPMENT FAILURE
2/23/2019 16:16	2/23/2019 22:21	Subtransmission	None	TIE 1544			EQUIPMENT FAILURE
4/18/2019 10:36	4/18/2019 16:31	Subtransmission	None	TIE 807			EQUIPMENT FAILURE
5/9/2019 1:02	5/9/2019 6:42	Subtransmission	None	TIE 6310			EQUIPMENT FAILURE
5/9/2019 4:59	5/9/2019 12:53	Subtransmission	Distribution	TIE 6310	2	360	EQUIPMENT FAILURE
5/9/2019 17:06	5/9/2019 22:09	Subtransmission	None	TIE 6310			EQUIPMENT FAILURE
7/2/2019 19:48	7/2/2019 20:51	Subtransmission	Distribution	TRK 5838	725	45536	EQUIPMENT FAILURE
7/2/2019 19:48	7/2/2019 20:51	Subtransmission	Distribution	TRK 5838	241	64563	EQUIPMENT FAILURE
7/2/2019 19:48	7/2/2019 20:51	Subtransmission	Distribution	TRK 5838	535	38989	EQUIPMENT FAILURE
7/5/2019 15:38	7/5/2019 22:32	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
7/5/2019 15:20	7/5/2019 22:31	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
7/5/2019 15:20	7/5/2019 22:30	Subtransmission	None	TRK 2519			EQUIPMENT FAILURE
8/27/2019 17:00	8/27/2019 19:22	Subtransmission	None	TRK 3661			EQUIPMENT FAILURE
8/27/2019 22:21	9/5/2019 21:36	Subtransmission	None	TRK 3661			EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 18:01	9/13/2019 20:56	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 17:19	9/13/2019 19:28	Subtransmission	Distribution	TIE 4105	703	76667	EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 17:31	9/13/2019 20:56	Subtransmission	Distribution	TIE 4105	1	109	EQUIPMENT FAILURE
9/13/2019 18:00	9/13/2019 19:28	Subtransmission	Distribution	TIE 4105	220	24072	EQUIPMENT FAILURE
9/13/2019 17:19	9/14/2019 17:06	Subtransmission	Distribution	TIE 4105	108	169881	EQUIPMENT FAILURE
9/13/2019 18:39	9/13/2019 19:28	Subtransmission	Distribution	TIE 4105			EQUIPMENT FAILURE
9/13/2019 23:11	9/14/2019 19:58	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 17:37	9/13/2019 20:56	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
9/13/2019 18:32	9/13/2019 20:19	Subtransmission	Distribution	TIE 4105	1	110	EQUIPMENT FAILURE
10/14/2019 23:25	10/15/2019 0:20	Subtransmission	Distribution	TIE 1467	164	6429	EQUIPMENT FAILURE
10/14/2019 23:25	10/15/2019 0:20	Subtransmission	Distribution	TIE 1467	749	33809	EQUIPMENT FAILURE
10/21/2019 23:52	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	510	5760	EQUIPMENT FAILURE
10/21/2019 23:52	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	419	5073	EQUIPMENT FAILURE
10/21/2019 23:54	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	1953	252625	EQUIPMENT FAILURE
10/21/2019 23:56	10/22/2019 2:00	Subtransmission	Distribution	TIE 3241	495	64881	EQUIPMENT FAILURE
10/21/2019 23:52	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	437	5334	EQUIPMENT FAILURE
10/21/2019 23:52	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	320	40908	EQUIPMENT FAILURE
10/21/2019 23:55	10/22/2019 2:01	Subtransmission	Distribution	TIE 3241	257	32835	EQUIPMENT FAILURE
11/25/2019 19:54	11/25/2019 21:45	Subtransmission	Substation	TRK 648	1250	89858	EQUIPMENT FAILURE
11/25/2019 19:54	11/25/2019 21:00	Subtransmission	Substation	TRK 648	575	41259	EQUIPMENT FAILURE
11/25/2019 19:54	11/25/2019 21:30	Subtransmission	Substation	TRK 648	547	39268	EQUIPMENT FAILURE
12/1/2019 8:53	12/1/2019 10:23	Subtransmission	Distribution	TIE 4109	496	41636	EQUIPMENT FAILURE
12/1/2019 8:53	12/1/2019 10:23	Subtransmission	Distribution	TIE 4109	690	58209	EQUIPMENT FAILURE
12/1/2019 9:12	12/1/2019 11:19	Subtransmission	None	TIE 4109			EQUIPMENT FAILURE
12/1/2019 8:53	12/1/2019 10:23	Subtransmission	Distribution	TIE 4109	124	10393	EQUIPMENT FAILURE
12/1/2019 8:53	12/1/2019 11:00	Subtransmission	Substation	TIE 4109	870	101201	EQUIPMENT FAILURE
12/24/2019 8:31	12/24/2019 15:31	Subtransmission	None	TRK 2301			EQUIPMENT FAILURE
12/24/2019 8:40	12/24/2019 17:14	Subtransmission	Distribution	TRK 2301	1	25	EQUIPMENT FAILURE
2/20/2020 2:20	2/20/2020 15:54	Subtransmission	None	TIE 7702			EQUIPMENT FAILURE
3/6/2020 10:19	3/6/2020 11:56	Subtransmission	Distribution	TRK 5906	1014	99096	EQUIPMENT FAILURE
3/6/2020 10:19	3/6/2020 11:56	Subtransmission	Distribution	TRK 5906	873	85535	EQUIPMENT FAILURE
3/6/2020 10:18	3/6/2020 11:56	Subtransmission	Distribution	TRK 5906	1767	171731	EQUIPMENT FAILURE
3/6/2020 10:19	3/6/2020 11:56	Subtransmission	Distribution	TRK 5906	917	89486	EQUIPMENT FAILURE
3/6/2020 10:30	3/6/2020 20:53	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE

4/26/2020 12:43	4/26/2020 16:36	Subtransmission	None	TRK 2824			EQUIPMENT FAILURE
5/7/2020 15:20	5/7/2020 21:22	Subtransmission	None	TIE 4105			EQUIPMENT FAILURE
5/25/2020 17:51	5/25/2020 20:50	Subtransmission	Distribution	TRK 3508	2004	313975	EQUIPMENT FAILURE
5/25/2020 18:29	5/25/2020 20:50	Subtransmission	Distribution	TRK 3508	1962	277735	EQUIPMENT FAILURE
5/26/2020 0:29	5/26/2020 9:47	Subtransmission	None	TRK 3509			EQUIPMENT FAILURE
5/30/2020 9:01	5/31/2020 16:51	Subtransmission	None	TIE 7408			EQUIPMENT FAILURE
6/10/2020 18:00	6/13/2020 17:01	Subtransmission	None	TRK 1563			EQUIPMENT FAILURE
6/27/2020 1:54	6/28/2020 21:44	Subtransmission	None	TRK 1563			EQUIPMENT FAILURE
6/30/2020 16:56	6/30/2020 17:05	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:59	6/30/2020 17:19	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:49	6/30/2020 17:19	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:39	6/30/2020 17:17	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:46	6/30/2020 17:18	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:40	6/30/2020 17:17	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:46	6/30/2020 17:18	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 17:03	6/30/2020 17:17	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:47	6/30/2020 17:18	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:51	6/30/2020 17:05	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:49	6/30/2020 17:18	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 16:17	6/30/2020 16:58	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
6/30/2020 20:34	6/30/2020 20:43	Subtransmission	None	TIE 8014			EQUIPMENT FAILURE
7/10/2020 13:10	7/10/2020 22:28	Subtransmission	Subtransmission	TRK 7389	437	242745	EQUIPMENT FAILURE
7/15/2020 23:21	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	873	88208	EQUIPMENT FAILURE
7/15/2020 23:21	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	595	9777	EQUIPMENT FAILURE
7/15/2020 23:21	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	899	90623	EQUIPMENT FAILURE
7/15/2020 23:21	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	326	30969	EQUIPMENT FAILURE
7/15/2020 23:29	7/16/2020 4:53	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/16/2020 0:46	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	1464	23486	EQUIPMENT FAILURE
7/16/2020 0:46	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	128	2165	EQUIPMENT FAILURE
7/16/2020 0:46	7/16/2020 1:00	Subtransmission	Distribution	TRK 7106	921	14758	EQUIPMENT FAILURE
7/16/2020 1:25	7/16/2020 13:50	Subtransmission	Distribution	TRK 7106	1	896	EQUIPMENT FAILURE
7/17/2020 19:32	7/20/2020 15:22	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/24/2020 20:05	7/24/2020 20:58	Subtransmission	Subtransmission	TRK 620	1481	73672	EQUIPMENT FAILURE
7/24/2020 20:05	7/24/2020 20:58	Subtransmission	Subtransmission	TRK 620	692	34407	EQUIPMENT FAILURE
7/24/2020 20:05	7/24/2020 20:58	Subtransmission	Subtransmission	TRK 620	1233	61312	EQUIPMENT FAILURE
7/28/2020 16:16	7/28/2020 18:11	Subtransmission	Distribution	TRK 6722	1188	127538	EQUIPMENT FAILURE
7/28/2020 16:16	7/28/2020 20:32	Subtransmission	Distribution	TRK 6722	1123	279405	EQUIPMENT FAILURE
7/28/2020 23:43	7/29/2020 8:25	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
7/28/2020 16:16	7/28/2020 18:33	Subtransmission	Distribution	TRK 6722	1622	209870	EQUIPMENT FAILURE
7/28/2020 16:16	7/28/2020 18:11	Subtransmission	Distribution	TRK 6722	435	46769	EQUIPMENT FAILURE
7/28/2020 16:30	7/28/2020 20:43	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
7/28/2020 15:29	7/28/2020 19:15	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
7/28/2020 16:28	7/28/2020 22:06	Subtransmission	None	TRK 6722			EQUIPMENT FAILURE
8/9/2020 7:35	8/9/2020 10:31	Subtransmission	None	TRK 620			EQUIPMENT FAILURE
8/21/2020 16:24	8/22/2020 14:21	Subtransmission	None	TIE 1473			EQUIPMENT FAILURE
9/11/2020 17:31	9/11/2020 19:01	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
9/11/2020 16:02	9/11/2020 17:58	Subtransmission	Distribution	TIE 6147	1862	218124	EQUIPMENT FAILURE
9/11/2020 17:34	9/11/2020 19:01	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
9/11/2020 17:36	9/11/2020 19:01	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
9/11/2020 16:02	9/11/2020 17:58	Subtransmission	Distribution	TIE 6147	2116	199166	EQUIPMENT FAILURE
10/10/2020 21:58	10/10/2020 22:50	Subtransmission	Distribution	TIE 3208	532	32752	EQUIPMENT FAILURE
10/25/2020 12:04	10/25/2020 12:25	Subtransmission	None	TRK 5510			EQUIPMENT FAILURE
11/26/2020 8:46	11/26/2020 19:48	Subtransmission	None	TIE 3140			EQUIPMENT FAILURE
12/3/2020 4:33	12/3/2020 6:00	Subtransmission	Subtransmission	TRK 2470	751	65135	EQUIPMENT FAILURE
12/3/2020 4:33	12/3/2020 6:00	Subtransmission	Subtransmission	TRK 2470	379	32930	EQUIPMENT FAILURE
12/3/2020 4:33	12/3/2020 6:00	Subtransmission	Subtransmission	TRK 2470	56	4855	EQUIPMENT FAILURE
2/27/2021 1:52	2/27/2021 13:10	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
2/27/2021 1:47	2/28/2021 0:36	Subtransmission	None	TRK 2087			EQUIPMENT FAILURE
3/26/2021 3:33	3/27/2021 11:21	Subtransmission	None	TIE 2025			EQUIPMENT FAILURE
6/10/2021 19:07	6/10/2021 20:39	Subtransmission	None	TRK 787			EQUIPMENT FAILURE
6/20/2021 11:15	6/20/2021 14:26	Subtransmission	Distribution	TRK 3646	1	26	EQUIPMENT FAILURE
6/20/2021 11:06	6/20/2021 12:10	Subtransmission	Distribution	TRK 3646			EQUIPMENT FAILURE
6/20/2021 3:30	6/20/2021 5:56	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
6/20/2021 11:15	6/20/2021 16:13	Subtransmission	None	TRK 3646			EQUIPMENT FAILURE
6/27/2021 7:54	6/28/2021 12:38	Subtransmission	None	TIE 3205			EQUIPMENT FAILURE
7/10/2021 7:03	7/11/2021 2:50	Subtransmission	None	TRK 2233			EQUIPMENT FAILURE
7/11/2021 15:54	7/12/2021 15:02	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
7/27/2021 11:29	7/27/2021 15:00	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
7/27/2021 11:13	7/27/2021 13:48	Subtransmission	Distribution	TIE 6147			EQUIPMENT FAILURE
7/27/2021 11:13	7/27/2021 18:00	Subtransmission	Subtransmission	TIE 6147	2156	504553	EQUIPMENT FAILURE
8/11/2021 21:13	8/12/2021 3:42	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
8/11/2021 15:50	8/16/2021 16:00	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
8/14/2021 8:39	8/14/2021 13:20	Subtransmission	None	TRK 2002			EQUIPMENT FAILURE
9/12/2021 20:56	9/15/2021 20:25	Subtransmission	None	TIE 4605			EQUIPMENT FAILURE
10/30/2021 9:23	11/4/2021 13:35	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
11/2/2021 10:36	11/2/2021 11:04	Subtransmission	Distribution	TRK 2528	610	17247	EQUIPMENT FAILURE
11/2/2021 10:36	11/2/2021 11:04	Subtransmission	Distribution	TRK 2528	404	11380	EQUIPMENT FAILURE
11/2/2021 10:36	11/2/2021 11:04	Subtransmission	Distribution	TRK 2528	1271	35858	EQUIPMENT FAILURE
12/11/2021 21:33	12/13/2021 20:29	Subtransmission	None	TIE 2824			EQUIPMENT FAILURE
12/11/2021 11:34	12/12/2021 12:25	Subtransmission	None	TIE 4605			EQUIPMENT FAILURE
12/29/2021 0:59	12/31/2021 11:47	Subtransmission	None	TRK 2535			EQUIPMENT FAILURE
1/14/2022 10:14	1/14/2022 20:01	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
1/21/2022 23:24	1/23/2022 11:44	Subtransmission	None	TRK 4405			EQUIPMENT FAILURE
1/22/2022 18:32	1/23/2022 10:56	Subtransmission	None	TRK 448			EQUIPMENT FAILURE
1/22/2022 17:58	1/22/2022 20:30	Subtransmission	None	TRK 448			EQUIPMENT FAILURE
1/22/2022 18:27	1/23/2022 17:54	Subtransmission	None	TRK 448			EQUIPMENT FAILURE
1/22/2022 18:03	1/23/2022 13:55	Subtransmission	None	TRK 448			EQUIPMENT FAILURE
1/29/2022 18:29	1/30/2022 5:53	Subtransmission	None	TRK 1403			EQUIPMENT FAILURE
1/29/2022 18:12	1/30/2022 8:33	Subtransmission	None	TRK 1470			EQUIPMENT FAILURE
1/31/2022 8:37	2/5/2022 0:39	Subtransmission	None	TRK 2305			EQUIPMENT FAILURE
2/9/2022 3:23	2/11/2022 7:47	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
2/11/2022 20:13	2/13/2022 13:23	Subtransmission	None	TRK 3511			EQUIPMENT FAILURE
2/11/2022 20:26	2/12/2022 4:19	Subtransmission	None	TRK 3511			EQUIPMENT FAILURE
2/22/2022 10:28	2/22/2022 15:14	Subtransmission	None	TIE 6147			EQUIPMENT FAILURE
2/22/2022 21:26	2/23/2022 8:37	Subtransmission	None	TRK 2418			EQUIPMENT FAILURE
2/28/2022 10:12	2/28/2022 12:51	Subtransmission	None	TRK 1251			EQUIPMENT FAILURE
3/23/2022 17:08	3/24/2022 17:53	Subtransmission	None	TRK 7114			EQUIPMENT FAILURE
4/3/2022 0:54	4/3/2022 2:17	Subtransmission	Distribution	TIE 1467	717	60636	EQUIPMENT FAILURE
4/9/2022 3:36	4/9/2022 16:13	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
4/21/2022 5:10	4/22/2022 20:48	Subtransmission	None	TRK 440			EQUIPMENT FAILURE
5/4/2022 16:46	5/4/2022 22:09	Subtransmission	None	TIE 1467			EQUIPMENT FAILURE
5/4/2022 16:34	5/4/2022 18:18	Subtransmission	Distribution	TIE 1467	162	16957	EQUIPMENT FAILURE
5/5/2022 1:33	5/5/2022 4:30	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
5/5/2022 0:34	5/5/2022 6:43	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
5/13/2022 15:39	5/13/2022 19:44	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE

5/13/2022 6:49	5/13/2022 11:01	Subtransmission	None	TRK 2742			EQUIPMENT FAILURE
5/14/2022 17:43	5/14/2022 22:10	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
5/14/2022 17:44	5/14/2022 20:30	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
6/3/2022 7:59	6/3/2022 14:30	Subtransmission	None	TRK 2005			EQUIPMENT FAILURE
6/9/2022 16:14	6/13/2022 14:18	Subtransmission	None	TRK 1525			EQUIPMENT FAILURE
6/11/2022 7:39	6/11/2022 14:00	Subtransmission	Distribution	TRK 5906	19	1868	EQUIPMENT FAILURE
6/11/2022 7:52	6/11/2022 21:50	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
6/11/2022 7:39	6/11/2022 8:27	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
6/11/2022 7:39	6/11/2022 8:36	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
6/11/2022 7:39	6/11/2022 8:38	Subtransmission	None	TRK 5906			EQUIPMENT FAILURE
6/15/2022 20:46	6/16/2022 5:02	Subtransmission	None	TIE 7520			EQUIPMENT FAILURE
6/16/2022 9:02	6/17/2022 8:34	Subtransmission	None	TIE 7504			EQUIPMENT FAILURE
6/26/2022 16:54	6/27/2022 3:50	Subtransmission	None	TIE 722			EQUIPMENT FAILURE
7/2/2022 6:47	7/2/2022 12:06	Subtransmission	None	TRK 1248			EQUIPMENT FAILURE
7/8/2022 19:26	7/8/2022 21:09	Subtransmission	Distribution	TRK 1761	148	8073	EQUIPMENT FAILURE
7/8/2022 19:26	7/8/2022 21:09	Subtransmission	Distribution	TRK 1761	842	45958	EQUIPMENT FAILURE
7/8/2022 19:26	7/8/2022 21:09	Subtransmission	Distribution	TRK 1761	1313	71681	EQUIPMENT FAILURE
7/13/2022 0:25	7/13/2022 1:28	Subtransmission	Distribution	TRK 4316	1342	85213	EQUIPMENT FAILURE
7/13/2022 0:24	7/13/2022 1:28	Subtransmission	Distribution	TRK 4316	525	33318	EQUIPMENT FAILURE
7/13/2022 0:24	7/13/2022 1:28	Subtransmission	Distribution	TRK 4316	161	10144	EQUIPMENT FAILURE
7/13/2022 0:25	7/13/2022 1:28	Subtransmission	Distribution	TRK 4316	1038	65884	EQUIPMENT FAILURE
7/13/2022 0:36	7/13/2022 7:07	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
7/17/2022 8:33	7/18/2022 5:17	Subtransmission	None	TRK 3028			EQUIPMENT FAILURE
7/23/2022 4:49	7/23/2022 20:05	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/23/2022 2:05	7/23/2022 5:54	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/23/2022 15:23	7/23/2022 17:57	Subtransmission	None	TRK 7106			EQUIPMENT FAILURE
7/24/2022 4:55	7/25/2022 16:00	Subtransmission	None	TIE 5823			EQUIPMENT FAILURE
7/24/2022 17:07	7/24/2022 21:01	Subtransmission	Subtransmission	TRK 853			EQUIPMENT FAILURE
7/24/2022 17:07	7/24/2022 19:30	Subtransmission	Subtransmission	TRK 853	610	82036	EQUIPMENT FAILURE
7/24/2022 17:07	7/24/2022 19:30	Subtransmission	Subtransmission	TRK 853	847	113965	EQUIPMENT FAILURE
8/8/2022 8:25	8/8/2022 9:26	Subtransmission	Distribution	TRK 2027	1437	77578	EQUIPMENT FAILURE
8/8/2022 8:30	8/8/2022 9:26	Subtransmission	Distribution	TRK 2027	260	14012	EQUIPMENT FAILURE
8/17/2022 16:04	8/19/2022 11:27	Subtransmission	None	TRK 4338			EQUIPMENT FAILURE
8/20/2022 14:13	8/20/2022 20:49	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
8/25/2022 1:10	8/25/2022 20:25	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
8/25/2022 1:19	8/26/2022 0:23	Subtransmission	None	TRK 1303			EQUIPMENT FAILURE
8/29/2022 21:10	9/2/2022 13:48	Subtransmission	None	TRK 1527			EQUIPMENT FAILURE
8/29/2022 18:14	9/1/2022 12:00	Subtransmission	Distribution	TRK 2418	30	1060	EQUIPMENT FAILURE
8/29/2022 23:18	9/2/2022 23:50	Subtransmission	None	TRK 4419			EQUIPMENT FAILURE
8/30/2022 10:57	8/31/2022 18:54	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
8/30/2022 18:57	9/1/2022 14:25	Subtransmission	None	TRK 3124			EQUIPMENT FAILURE
9/5/2022 19:22	9/5/2022 20:59	Subtransmission	None	TRK 4316			EQUIPMENT FAILURE
9/17/2022 16:49	9/17/2022 20:25	Subtransmission	None	TIE 187			EQUIPMENT FAILURE
9/30/2022 23:44	10/1/2022 2:03	Subtransmission	None	TIE 4708			EQUIPMENT FAILURE
10/5/2022 13:50	10/6/2022 7:20	Subtransmission	None	TIE 2812			EQUIPMENT FAILURE
10/5/2022 13:37	10/5/2022 15:00	Subtransmission	Distribution	TIE 2812			EQUIPMENT FAILURE
10/10/2022 13:23	10/10/2022 18:50	Subtransmission	None	TIE 3209			EQUIPMENT FAILURE
10/13/2022 9:00	10/13/2022 10:11	Subtransmission	Distribution	TIE 3241	280	19857	EQUIPMENT FAILURE
10/13/2022 9:00	10/13/2022 10:11	Subtransmission	Distribution	TIE 3241	426	25516	EQUIPMENT FAILURE
10/13/2022 9:00	10/13/2022 10:00	Subtransmission	Distribution	TIE 3241	540	32333	EQUIPMENT FAILURE
10/13/2022 9:00	10/13/2022 10:00	Subtransmission	Distribution	TIE 3241	337	20174	EQUIPMENT FAILURE
10/13/2022 9:00	10/13/2022 10:10	Subtransmission	Distribution	TIE 3241	1990	141300	EQUIPMENT FAILURE
10/13/2022 9:26	10/13/2022 10:12	Subtransmission	Distribution	TIE 3241	492	34908	EQUIPMENT FAILURE
10/19/2022 15:24	10/21/2022 14:56	Subtransmission	None	TRK 2054			EQUIPMENT FAILURE
11/5/2022 19:14	11/6/2022 19:00	Subtransmission	None	TIE 3417			EQUIPMENT FAILURE
11/25/2022 8:21	11/25/2022 14:16	Subtransmission	None	TIE 1544			EQUIPMENT FAILURE
11/25/2022 8:04	11/25/2022 9:00	Subtransmission	Distribution	TIE 1544			EQUIPMENT FAILURE
1/1/2023 9:10	1/2/2023 8:51	Subtransmission	None	TRK 6938			EQUIPMENT FAILURE
1/22/2023 11:49	1/23/2023 16:39	Subtransmission	None	TRK 3150			EQUIPMENT FAILURE
1/28/2023 9:12	1/28/2023 15:23	Subtransmission	Subtransmission	TRK 1645	194	15036	EQUIPMENT FAILURE
1/28/2023 9:14	1/28/2023 15:23	Subtransmission	Subtransmission	TRK 1645	434	33852	EQUIPMENT FAILURE
1/28/2023 14:06	1/28/2023 15:23	Subtransmission	Subtransmission	TRK 1645	9	699	EQUIPMENT FAILURE
2/13/2023 15:05	2/13/2023 18:01	Subtransmission		TRK 1862			EQUIPMENT FAILURE
2/21/2023 6:17	2/21/2023 7:55	Subtransmission		TIE 7702			EQUIPMENT FAILURE
2/23/2023 21:10	3/4/2023 18:49	Subtransmission		TIE 7702			EQUIPMENT FAILURE
2/24/2023 19:20	2/24/2023 23:00	Subtransmission		TIE 4104			EQUIPMENT FAILURE
2/26/2023 4:24	2/26/2023 7:07	Subtransmission		TRK 4045			EQUIPMENT FAILURE
3/1/2023 10:03	3/2/2023 11:52	Subtransmission		TRK 3512			EQUIPMENT FAILURE
3/17/2023 3:42	3/17/2023 14:44	Subtransmission	Circuit Level	TIE 4105	685	118200	EQUIPMENT FAILURE
3/17/2023 3:59	3/17/2023 14:45	Subtransmission	Circuit Level	TIE 4105	545	93498	EQUIPMENT FAILURE
3/17/2023 3:46	3/17/2023 16:48	Subtransmission	Circuit Level	TIE 4105	704	136643	EQUIPMENT FAILURE
3/19/2023 0:10	3/19/2023 5:08	Subtransmission	Circuit Level	TRK 3526	61	19898	EQUIPMENT FAILURE
3/19/2023 0:10	3/19/2023 5:07	Subtransmission	Circuit Level	TRK 3526	2	652	EQUIPMENT FAILURE
4/29/2023 6:43	4/29/2023 12:22	Subtransmission		TRK 2087			EQUIPMENT FAILURE
5/7/2023 12:50	5/13/2023 23:44	Subtransmission		TIE 3705			EQUIPMENT FAILURE
5/7/2023 12:28	5/7/2023 17:40	Subtransmission	Subtransmission	TIE 3705	2583	175439	EQUIPMENT FAILURE
5/11/2023 22:00	5/12/2023 4:42	Subtransmission	Device (II)	TRK 7971			EQUIPMENT FAILURE
5/11/2023 18:39	5/12/2023 4:23	Subtransmission	Single Customer	TRK 7971	1	180	EQUIPMENT FAILURE
5/18/2023 8:46	5/18/2023 13:26	Subtransmission		TIE 4595			EQUIPMENT FAILURE
5/30/2023 13:24	5/30/2023 17:21	Subtransmission		TRK 2806			EQUIPMENT FAILURE
5/30/2023 13:30	5/30/2023 19:56	Subtransmission	Device (II)	TRK 2806	610	102713	EQUIPMENT FAILURE
6/25/2023 13:18	6/26/2023 8:30	Subtransmission		TIE 9123			EQUIPMENT FAILURE
7/20/2023 17:21	7/21/2023 15:29	Subtransmission		TRK 7909			EQUIPMENT FAILURE
8/14/2023 17:30	8/14/2023 19:50	Subtransmission	Single Customer	TIE 7513	1	94	EQUIPMENT FAILURE
8/14/2023 16:06	8/14/2023 19:53	Subtransmission	Service Transformer	TIE 7513	1	123	EQUIPMENT FAILURE
8/14/2023 16:05	8/14/2023 19:50	Subtransmission	Single Customer	TIE 7513	1	171	EQUIPMENT FAILURE
8/14/2023 16:14	8/14/2023 19:54	Subtransmission	Single Customer	TIE 7513			EQUIPMENT FAILURE
8/14/2023 18:49	8/14/2023 20:04	Subtransmission	Single Customer	TIE 7513	1	171	EQUIPMENT FAILURE
8/18/2023 21:22	8/24/2023 4:02	Subtransmission		TRK 3511			EQUIPMENT FAILURE
8/20/2023 20:49	8/21/2023 6:33	Subtransmission	Subtransmission	TIE 1467	22	18785	EQUIPMENT FAILURE
8/20/2023 19:35	8/21/2023 4:51	Subtransmission		TIE 1467			EQUIPMENT FAILURE
8/24/2023 22:12	8/25/2023 17:09	Subtransmission		TIE 8033			EQUIPMENT FAILURE
8/25/2023 15:59	8/30/2023 21:02	Subtransmission		TRK 2025			EQUIPMENT FAILURE
8/30/2023 10:29	8/30/2023 16:08	Subtransmission	Service Transformer	TIE 1473	2	256	EQUIPMENT FAILURE
9/6/2023 14:28	9/6/2023 21:34	Subtransmission		TRK 4962			EQUIPMENT FAILURE
9/23/2023 12:47	9/23/2023 21:33	Subtransmission	Subtransmission	TIE 1467	1736	21956	EQUIPMENT FAILURE
10/26/2023 22:25	11/6/2023 14:39	Subtransmission		TRK 5938			EQUIPMENT FAILURE
11/5/2023 4:54	11/5/2023 18:09	Subtransmission		TRK 2010			EQUIPMENT FAILURE
11/5/2023 13:47	11/5/2023 22:26	Subtransmission		TRK 2444			EQUIPMENT FAILURE
12/6/2023 3:57	12/6/2023 6:06	Subtransmission	Subtransmission	TRK 1645	805	57782	EQUIPMENT FAILURE
12/6/2023 4:05	12/6/2023 6:05	Subtransmission	Subtransmission	TRK 1645	306	21951	EQUIPMENT FAILURE
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	1060	161743	EQUIPMENT LOADING
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	141	21484	EQUIPMENT LOADING
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	876	159546	EQUIPMENT LOADING
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	847	154520	EQUIPMENT LOADING

7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	1104	253465	EQUIPMENT LOADING
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	1501	233503	EQUIPMENT LOADING
7/1/2019 18:07	7/1/2019 22:15	Subtransmission	Subtransmission	TRK 7324	664	101400	EQUIPMENT LOADING
7/1/2020 17:19	7/1/2020 18:14	Subtransmission	None	TRK 7106			EQUIPMENT LOADING
7/1/2020 17:08	7/1/2020 18:13	Subtransmission	Substation	TRK 7106	1311	71203	EQUIPMENT LOADING
3/30/2021 10:52	3/30/2021 12:58	Subtransmission	None	TIE 8033			EQUIPMENT LOADING
2/1/2023 15:09	2/1/2023 15:37	Subtransmission	Subtransmission	TRK 3161	24	1846	EQUIPMENT LOADING
7/19/2023 11:25	7/19/2023 17:13	Subtransmission	Subtransmission	TIE 9310	12	419	EQUIPMENT LOADING
2/23/2023 18:56	2/24/2023 17:21	Subtransmission	Single Customer	TIE 4104			ICE
2/23/2023 18:41	2/24/2023 17:16	Subtransmission	Single Customer	TIE 4104			ICE
2/23/2023 18:41	2/24/2023 17:21	Subtransmission	Single Customer	TIE 4104			ICE
2/23/2023 18:42	2/24/2023 17:20	Subtransmission	Single Customer	TIE 4104			ICE
2/23/2023 18:48	2/24/2023 17:19	Subtransmission	Single Customer	TIE 4104			ICE
2/23/2023 18:31	2/25/2023 19:37	Subtransmission	Subtransmission	TIE 4104	2181	1253428	ICE
3/14/2018 8:44	3/14/2018 14:52	Subtransmission	None	TRK 2525			INTENTIONAL
5/22/2020 11:59	5/22/2020 14:00	Subtransmission	Distribution	TIE 3416	207	23934	INTENTIONAL
5/5/2021 6:09	5/5/2021 6:50	Subtransmission	Distribution	TIE 3241	416	15311	INTENTIONAL
5/5/2021 22:29	5/5/2021 23:30	Subtransmission	Distribution	TIE 3241			INTENTIONAL
10/8/2022 12:32	10/8/2022 13:30	Subtransmission	Distribution	TRK 2493	2	64	INTENTIONAL
10/8/2022 12:26	10/8/2022 13:55	Subtransmission	Distribution	TRK 2493	3	146	INTENTIONAL
10/8/2022 10:55	10/8/2022 12:00	Subtransmission	Distribution	TRK 2493	3	130	INTENTIONAL
10/8/2022 11:38	10/8/2022 12:40	Subtransmission	Distribution	TRK 2493	1	28	INTENTIONAL
11/20/2023 14:57	1/13/2024 9:36	Subtransmission		TRK 2016			INTENTIONAL
12/10/2023 17:45	12/10/2023 20:57	Subtransmission		TRK 2439			INTENTIONAL
6/3/2020 2:49	6/3/2020 4:58	Subtransmission	Distribution	TIE 7520	426	55956	LIGHTNING
6/3/2020 2:49	6/3/2020 4:59	Subtransmission	Distribution	TIE 7520	189	25584	LIGHTNING
6/3/2020 2:49	6/3/2020 4:58	Subtransmission	Distribution	TIE 7520	381	48202	LIGHTNING
6/1/2021 19:17	6/8/2021 3:11	Subtransmission	None	TRK 5140			NO ISSUES FOUND
2/12/2018 10:57	2/12/2018 14:40	Subtransmission	None	TRK 1418			PUBLIC INTERFERENCE
2/12/2018 11:07	2/12/2018 12:49	Subtransmission	Distribution	TRK 1418	247	29126	PUBLIC INTERFERENCE
5/14/2018 2:45	5/14/2018 12:13	Subtransmission	None	TRK 2308			PUBLIC INTERFERENCE
6/12/2018 15:31	6/12/2018 15:58	Subtransmission	Subtransmission	TRK 7356	32	1665	PUBLIC INTERFERENCE
6/12/2018 15:02	6/12/2018 15:51	Subtransmission	Subtransmission	TRK 7356	1948	101889	PUBLIC INTERFERENCE
6/12/2018 14:59	6/12/2018 15:58	Subtransmission	Subtransmission	TRK 7356	1985	103906	PUBLIC INTERFERENCE
6/12/2018 15:45	6/12/2018 17:53	Subtransmission	None	TRK 7386			PUBLIC INTERFERENCE
6/27/2018 10:50	6/27/2018 20:19	Subtransmission	None	TRK 6938			PUBLIC INTERFERENCE
6/30/2018 17:01	6/30/2018 20:06	Subtransmission	None	TRK 5935			PUBLIC INTERFERENCE
6/30/2018 16:48	6/30/2018 19:17	Subtransmission	Distribution	TRK 5935	1025	149121	PUBLIC INTERFERENCE
6/30/2018 16:49	6/30/2018 19:17	Subtransmission	Distribution	TRK 5935	48	7034	PUBLIC INTERFERENCE
6/30/2018 16:49	6/30/2018 19:17	Subtransmission	Distribution	TRK 5935	1605	235058	PUBLIC INTERFERENCE
5/4/2018 18:42	5/5/2018 19:24	Subtransmission	None	TIE 3245			TREE
5/4/2018 13:11	5/6/2018 18:49	Subtransmission	None	TIE 4605			TREE
5/6/2018 12:22	5/17/2018 23:21	Subtransmission	None	TIE 6941			TREE
6/12/2018 14:56	6/12/2018 17:26	Subtransmission	None	TRK 1502			TREE
7/2/2018 11:26	7/2/2018 12:10	Subtransmission	Distribution	TIE 7504	941	35591	TREE
7/5/2018 19:24	7/6/2018 20:17	Subtransmission	None	TIE 3205			TREE
8/2/2018 17:13	8/2/2018 18:30	Subtransmission	Distribution	TIE 3208	476	38945	TREE
9/21/2018 0:24	9/21/2018 16:52	Subtransmission	None	TIE 3205			TREE
10/20/2018 16:53	10/21/2018 21:05	Subtransmission	None	TRK 2038			TREE
10/20/2018 16:54	10/21/2018 21:04	Subtransmission	None	TRK 2087			TREE
5/25/2019 4:29	5/25/2019 15:08	Subtransmission	None	TIE 3220			TREE
6/25/2019 9:25	6/25/2019 16:13	Subtransmission	None	TIE 3209			TREE
8/18/2019 14:37	8/18/2019 17:24	Subtransmission	None	TIE 4109			TREE
8/18/2019 14:37	8/18/2019 20:58	Subtransmission	None	TIE 4109			TREE
10/16/2019 22:42	10/17/2019 0:08	Subtransmission	Distribution	TIE 3205	564	56387	TREE
10/16/2019 22:23	10/17/2019 0:08	Subtransmission	Distribution	TIE 3205	469	47895	TREE
10/16/2019 22:33	10/17/2019 5:28	Subtransmission	None	TIE 3205			TREE
11/7/2019 15:48	11/7/2019 20:55	Subtransmission	None	TIE 4105			TREE
3/2/2020 16:41	3/2/2020 22:15	Subtransmission	Distribution	TIE 3206	595	194565	TREE
3/2/2020 17:06	3/2/2020 23:12	Subtransmission	None	TIE 3206			TREE
3/6/2020 13:02	3/7/2020 3:04	Subtransmission	None	TIE 3203			TREE
5/26/2020 19:53	5/26/2020 22:05	Subtransmission	None	TRK 1243			TREE
6/11/2020 20:37	6/12/2020 1:13	Subtransmission	None	TIE 3205			TREE
8/6/2020 11:09	8/6/2020 23:58	Subtransmission	None	TIE 9123			TREE
10/21/2020 8:30	10/21/2020 13:22	Subtransmission	None	TIE 1473			TREE
11/15/2020 20:21	11/16/2020 13:15	Subtransmission	None	TIE 4109			TREE
2/6/2021 0:47	2/7/2021 0:19	Subtransmission	None	TIE 1467			TREE
4/10/2021 21:47	4/11/2021 0:23	Subtransmission	Distribution	TIE 6147	1685	264262	TREE
4/10/2021 21:46	4/11/2021 0:23	Subtransmission	Subtransmission	TIE 6147	1481	231977	TREE
6/16/2021 8:57	6/16/2021 15:05	Subtransmission	None	TRK 7106			TREE
6/20/2021 22:31	6/21/2021 2:12	Subtransmission	None	TRK 5510			TREE
6/20/2021 22:27	6/22/2021 17:15	Subtransmission	None	TRK 5510			TREE
9/7/2021 15:40	9/7/2021 17:17	Subtransmission	Distribution	TIE 7520	433	42471	TREE
9/7/2021 15:40	9/7/2021 20:12	Subtransmission	Distribution	TIE 7520	187	51006	TREE
9/7/2021 15:40	9/7/2021 20:21	Subtransmission	Distribution	TIE 7520	390	119596	TREE
9/23/2021 20:15	9/24/2021 20:18	Subtransmission	None	TIE 4104			TREE
12/17/2021 13:29	12/17/2021 18:43	Subtransmission	None	TIE 4104			TREE
5/23/2022 17:53	5/23/2022 21:03	Subtransmission	None	TIE 7621			TREE
5/27/2022 3:45	5/27/2022 5:46	Subtransmission	None	TIE 1568			TREE
9/3/2022 14:23	9/4/2022 14:00	Subtransmission	Distribution	TIE 2819			TREE
9/3/2022 5:34	9/3/2022 14:28	Subtransmission	None	TIE 2819			TREE
9/3/2022 5:33	9/3/2022 14:12	Subtransmission	Distribution	TIE 2819	1	140	TREE
9/3/2022 5:29	9/3/2022 18:00	Subtransmission	Distribution	TIE 2819	48	8530	TREE
9/3/2022 5:36	9/3/2022 9:33	Subtransmission	None	TIE 2819			TREE
12/31/2022 12:39	12/31/2022 14:08	Subtransmission	Distribution	TRK 4227	1	38	TREE
2/22/2023 17:32	2/23/2023 22:03	Subtransmission	Circuit Level	TIE 4501	110	299846	TREE
2/22/2023 21:24	2/23/2023 9:08	Subtransmission	Substation	TIE 4501	505	1125138	TREE
2/24/2023 21:55	2/26/2023 10:43	Subtransmission		TIE 4104			TREE
2/24/2023 17:55	2/26/2023 18:46	Subtransmission		TIE 4501			TREE
2/25/2023 14:44	2/25/2023 21:00	Subtransmission	Circuit Level	TIE 4501	186	735938	TREE
6/11/2023 17:59	6/11/2023 19:37	Subtransmission	Circuit Level	TIE 3241	265	26199	TREE
6/11/2023 17:58	6/11/2023 19:37	Subtransmission	Circuit Level	TIE 3241	479	47391	TREE
6/11/2023 18:07	6/12/2023 1:28	Subtransmission	Circuit Level	TIE 3241	1954	208516	TREE
6/11/2023 20:42	6/12/2023 4:37	Subtransmission		TIE 3241			TREE
6/11/2023 17:59	6/12/2023 16:50	Subtransmission	Single Customer	TIE 3241			TREE
6/11/2023 18:04	6/13/2023 16:25	Subtransmission		TIE 3241			TREE
7/11/2023 17:13	7/11/2023 22:15	Subtransmission		TRK 6941			TREE
7/19/2023 11:13	7/19/2023 14:47	Subtransmission	Circuit Level	TIE 9103	1523	215573	TREE
7/20/2023 16:33	7/22/2023 14:07	Subtransmission		TIE 2648			TREE
8/24/2023 22:27	8/25/2023 20:17	Subtransmission	Device (I)	TRK 3124			TREE
8/24/2023 23:02	8/25/2023 20:38	Subtransmission	Subtransmission	TRK 3124	745	963531	TREE
8/24/2023 22:32	8/25/2023 20:18	Subtransmission	Circuit Level	TRK 3124	362	41759	TREE
10/7/2023 13:31	10/7/2023 19:51	Subtransmission	Subtransmission	TRK 3304	5	307	TREE
10/7/2023 13:34	10/7/2023 18:11	Subtransmission	Circuit Level	TRK 3304	510	38617	TREE
1/1/2018 10:19	1/1/2018 13:10	Subtransmission	None	TIE 7430			UNKNOWN/NO DATA

1/10/2018 12:10	1/11/2018 5:52	Subtransmission	None	TRK 2659		UNKNOWN/NO DATA
1/12/2018 11:32	1/13/2018 3:55	Subtransmission	None	TIE 1423		UNKNOWN/NO DATA
1/20/2018 6:48	1/20/2018 13:11	Subtransmission	None	TIE 1467		UNKNOWN/NO DATA
1/29/2018 8:00	1/29/2018 15:17	Subtransmission	None	TIE 2812		UNKNOWN/NO DATA
2/5/2018 20:54	2/6/2018 3:02	Subtransmission	None	TIE 3416		UNKNOWN/NO DATA
2/6/2018 19:12	2/7/2018 5:36	Subtransmission	None	TIE 6138		UNKNOWN/NO DATA
2/6/2018 11:48	2/6/2018 16:18	Subtransmission	None	TRK 6919		UNKNOWN/NO DATA
2/9/2018 20:36	2/9/2018 22:22	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
2/19/2018 19:29	2/20/2018 13:40	Subtransmission	None	TRK 2713		UNKNOWN/NO DATA
2/19/2018 13:11	2/19/2018 16:36	Subtransmission	None	TRK 620		UNKNOWN/NO DATA
2/20/2018 9:19	2/20/2018 10:13	Subtransmission	Subtransmission	TIE 3822	2279	123995 UNKNOWN/NO DATA
2/27/2018 13:45	2/27/2018 20:55	Subtransmission	None	TIE 1423		UNKNOWN/NO DATA
3/5/2018 7:51	3/5/2018 16:31	Subtransmission	None	TRK 2237		UNKNOWN/NO DATA
3/7/2018 6:52	3/14/2018 8:34	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
3/12/2018 11:17	3/13/2018 6:56	Subtransmission	None	TIE 5823		UNKNOWN/NO DATA
3/12/2018 11:20	3/13/2018 9:44	Subtransmission	None	TRK 3650		UNKNOWN/NO DATA
3/25/2018 9:51	3/25/2018 12:19	Subtransmission	None	TRK 7062		UNKNOWN/NO DATA
4/3/2018 19:14	4/5/2018 7:10	Subtransmission	None	TRK 1527		UNKNOWN/NO DATA
4/4/2018 13:23	4/5/2018 14:17	Subtransmission	None	TIE 4109		UNKNOWN/NO DATA
4/4/2018 13:00	4/4/2018 20:58	Subtransmission	Distribution	TIE 4109	57	26607 UNKNOWN/NO DATA
4/5/2018 4:35	4/6/2018 14:09	Subtransmission	None	TRK 704		UNKNOWN/NO DATA
4/12/2018 17:49	4/13/2018 7:49	Subtransmission	None	TRK 428		UNKNOWN/NO DATA
4/15/2018 9:08	4/16/2018 18:17	Subtransmission	None	TIE 2025		UNKNOWN/NO DATA
4/15/2018 9:05	4/16/2018 15:01	Subtransmission	None	TIE 2025		UNKNOWN/NO DATA
4/15/2018 7:04	4/15/2018 8:41	Subtransmission	None	TRK 2918		UNKNOWN/NO DATA
4/26/2018 1:47	4/26/2018 13:38	Subtransmission	None	TRK 7062		UNKNOWN/NO DATA
5/1/2018 17:51	5/2/2018 1:46	Subtransmission	None	TRK 2250		UNKNOWN/NO DATA
5/4/2018 13:04	5/5/2018 20:55	Subtransmission	Distribution	TIE 3205	616	1124013 UNKNOWN/NO DATA
5/4/2018 19:19	5/6/2018 19:06	Subtransmission	None	TIE 3208		UNKNOWN/NO DATA
5/4/2018 16:17	5/8/2018 14:18	Subtransmission	None	TRK 2443		UNKNOWN/NO DATA
5/5/2018 7:34	5/5/2018 15:49	Subtransmission	None	TIE 7504		UNKNOWN/NO DATA
5/19/2018 16:28	5/21/2018 14:34	Subtransmission	None	TRK 2826		UNKNOWN/NO DATA
5/24/2018 11:55	5/25/2018 6:45	Subtransmission	None	TIE 4412		UNKNOWN/NO DATA
5/26/2018 5:50	5/26/2018 15:00	Subtransmission	None	TIE 7504		UNKNOWN/NO DATA
5/28/2018 21:11	5/30/2018 18:47	Subtransmission	None	TIE 4512		UNKNOWN/NO DATA
5/28/2018 16:09	5/28/2018 21:50	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
5/29/2018 16:26	5/30/2018 5:07	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
5/29/2018 16:19	5/30/2018 15:15	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
5/31/2018 7:35	5/31/2018 14:23	Subtransmission	None	TIE 7702		UNKNOWN/NO DATA
5/31/2018 7:39	5/31/2018 12:55	Subtransmission	None	TRK 3124		UNKNOWN/NO DATA
6/1/2018 17:45	6/4/2018 6:43	Subtransmission	None	TIE 7430		UNKNOWN/NO DATA
6/9/2018 19:00	6/14/2018 20:13	Subtransmission	None	TRK 2418		UNKNOWN/NO DATA
6/18/2018 23:49	6/19/2018 14:39	Subtransmission	None	TRK 1346		UNKNOWN/NO DATA
6/18/2018 11:51	6/18/2018 15:56	Subtransmission	None	TRK 2636		UNKNOWN/NO DATA
6/18/2018 17:34	6/19/2018 9:46	Subtransmission	None	TRK 7114		UNKNOWN/NO DATA
6/20/2018 6:42	6/20/2018 12:05	Subtransmission	None	TRK 1346		UNKNOWN/NO DATA
6/22/2018 8:55	6/22/2018 12:37	Subtransmission	None	TRK 1276		UNKNOWN/NO DATA
6/24/2018 9:27	6/24/2018 13:06	Subtransmission	None	TRK 1340		UNKNOWN/NO DATA
6/24/2018 3:24	6/24/2018 7:20	Subtransmission	Distribution	TRK 1340	603	143259 UNKNOWN/NO DATA
6/26/2018 11:36	6/26/2018 14:42	Subtransmission	None	TIE 2901		UNKNOWN/NO DATA
6/27/2018 8:23	6/27/2018 13:34	Subtransmission	None	TIE 2819		UNKNOWN/NO DATA
7/1/2018 17:10	7/1/2018 18:57	Subtransmission	None	TIE 2901		UNKNOWN/NO DATA
7/2/2018 15:58	7/2/2018 20:21	Subtransmission	None	TRK 7104		UNKNOWN/NO DATA
7/3/2018 12:23	7/3/2018 15:36	Subtransmission	None	TRK 5935		UNKNOWN/NO DATA
7/5/2018 12:10	7/5/2018 20:39	Subtransmission	None	TIE 6138		UNKNOWN/NO DATA
7/5/2018 7:13	7/5/2018 12:15	Subtransmission	None	TRK 7104		UNKNOWN/NO DATA
7/6/2018 9:59	7/6/2018 14:58	Subtransmission	None	TIE 8623		UNKNOWN/NO DATA
7/9/2018 9:47	7/9/2018 11:16	Subtransmission	Distribution	TRK 641	816	73220 UNKNOWN/NO DATA
7/9/2018 9:47	7/9/2018 11:16	Subtransmission	Distribution	TRK 641	308	27275 UNKNOWN/NO DATA
7/9/2018 9:47	7/9/2018 11:16	Subtransmission	Distribution	TRK 641	93	8405 UNKNOWN/NO DATA
7/9/2018 9:47	7/9/2018 11:15	Subtransmission	Distribution	TRK 641	10	880 UNKNOWN/NO DATA
7/10/2018 19:51	7/10/2018 22:27	Subtransmission	None	TRK 2918		UNKNOWN/NO DATA
7/13/2018 0:38	7/13/2018 6:51	Subtransmission	None	TIE 1540		UNKNOWN/NO DATA
7/15/2018 6:32	7/15/2018 16:20	Subtransmission	None	TRK 2523		UNKNOWN/NO DATA
7/16/2018 18:18	7/17/2018 7:59	Subtransmission	None	TIE 2819		UNKNOWN/NO DATA
7/16/2018 10:44	7/16/2018 15:56	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
7/16/2018 15:34	7/17/2018 17:33	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
7/17/2018 14:15	7/18/2018 6:37	Subtransmission	None	TIE 6621		UNKNOWN/NO DATA
7/17/2018 7:52	7/18/2018 6:38	Subtransmission	None	TIE 6621		UNKNOWN/NO DATA
7/22/2018 6:45	7/22/2018 17:24	Subtransmission	None	TIE 3220		UNKNOWN/NO DATA
7/29/2018 9:13	7/30/2018 8:33	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
8/1/2018 0:05	8/1/2018 9:10	Subtransmission	None	TIE 9107		UNKNOWN/NO DATA
8/1/2018 12:01	8/1/2018 21:03	Subtransmission	None	TRK 7122		UNKNOWN/NO DATA
8/3/2018 7:03	8/3/2018 13:48	Subtransmission	None	TRK 1276		UNKNOWN/NO DATA
8/5/2018 15:49	8/6/2018 7:27	Subtransmission	None	TIE 1467		UNKNOWN/NO DATA
8/5/2018 11:27	8/5/2018 14:08	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
8/8/2018 16:17	8/9/2018 1:01	Subtransmission	None	TRK 775		UNKNOWN/NO DATA
8/9/2018 14:35	8/11/2018 17:12	Subtransmission	None	TRK 7324		UNKNOWN/NO DATA
8/11/2018 23:46	8/12/2018 7:35	Subtransmission	None	TIE 4412		UNKNOWN/NO DATA
8/11/2018 17:41	8/11/2018 20:37	Subtransmission	None	TRK 2005		UNKNOWN/NO DATA
8/13/2018 2:14	8/13/2018 8:16	Subtransmission	None	TIE 6621		UNKNOWN/NO DATA
8/15/2018 1:59	8/15/2018 8:29	Subtransmission	None	TIE 3416		UNKNOWN/NO DATA
8/18/2018 21:15	8/19/2018 17:49	Subtransmission	None	TIE 7745		UNKNOWN/NO DATA
8/19/2018 12:39	8/22/2018 13:02	Subtransmission	None	TRK 5855		UNKNOWN/NO DATA
8/19/2018 7:28	8/19/2018 17:08	Subtransmission	None	TRK 775		UNKNOWN/NO DATA
8/21/2018 16:55	8/22/2018 5:25	Subtransmission	None	TIE 3205		UNKNOWN/NO DATA
8/22/2018 9:04	10/1/2018 5:01	Subtransmission	None	TIE 6621		UNKNOWN/NO DATA
8/24/2018 10:45	8/24/2018 14:15	Subtransmission	None	TRK 5838		UNKNOWN/NO DATA
8/27/2018 6:38	8/28/2018 6:24	Subtransmission	None	TIE 226		UNKNOWN/NO DATA
8/28/2018 21:44	8/29/2018 5:24	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
8/28/2018 22:33	8/31/2018 9:41	Subtransmission	None	TIE 3245		UNKNOWN/NO DATA
8/28/2018 11:18	8/28/2018 19:47	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
8/30/2018 8:24	8/30/2018 15:45	Subtransmission	None	TIE 5823		UNKNOWN/NO DATA
9/1/2018 17:31	9/2/2018 15:35	Subtransmission	None	TIE 4104		UNKNOWN/NO DATA
9/2/2018 12:32	9/3/2018 16:39	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
9/3/2018 0:41	9/3/2018 12:25	Subtransmission	None	TIE 3205		UNKNOWN/NO DATA
9/3/2018 9:24	9/4/2018 6:51	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
9/3/2018 13:19	9/3/2018 19:32	Subtransmission	None	TRK 2038		UNKNOWN/NO DATA
9/3/2018 16:57	9/3/2018 19:09	Subtransmission	None	TRK 2713		UNKNOWN/NO DATA
9/4/2018 10:27	9/5/2018 15:45	Subtransmission	None	TRK 4338		UNKNOWN/NO DATA
9/16/2018 19:09	9/17/2018 4:15	Subtransmission	None	TRK 5127		UNKNOWN/NO DATA
9/17/2018 12:48	9/17/2018 14:10	Subtransmission	Distribution	TRK 2027	1891	157507 UNKNOWN/NO DATA
9/21/2018 16:53	9/21/2018 20:22	Subtransmission	None	TIE 3705		UNKNOWN/NO DATA
9/21/2018 11:24	9/21/2018 13:05	Subtransmission	None	TIE 4501		UNKNOWN/NO DATA
9/21/2018 11:15	9/21/2018 12:30	Subtransmission	Distribution	TIE 4501	350	20926 UNKNOWN/NO DATA

9/24/2018 17:05	9/24/2018 21:31	Subtransmission	None	TRK 2611	UNKNOWN/NO DATA
9/25/2018 8:48	9/25/2018 14:41	Subtransmission	None	TIE 3245	UNKNOWN/NO DATA
9/29/2018 11:37	9/29/2018 16:30	Subtransmission	None	TRK 3508	UNKNOWN/NO DATA
10/1/2018 6:32	10/1/2018 15:27	Subtransmission	None	TIE 3205	UNKNOWN/NO DATA
10/3/2018 6:53	10/18/2018 8:14	Subtransmission	None	TRK 4351	UNKNOWN/NO DATA
10/4/2018 5:47	10/4/2018 11:20	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
10/6/2018 12:45	10/18/2018 14:13	Subtransmission	None	TIE 7745	UNKNOWN/NO DATA
10/6/2018 3:56	10/18/2018 11:36	Subtransmission	None	TRK 2032	UNKNOWN/NO DATA
10/6/2018 9:56	10/6/2018 16:09	Subtransmission	None	TRK 2301	UNKNOWN/NO DATA
10/9/2018 16:52	10/11/2018 8:23	Subtransmission	None	TIE 7513	UNKNOWN/NO DATA
10/10/2018 9:26	10/10/2018 17:52	Subtransmission	None	TRK 5127	UNKNOWN/NO DATA
10/11/2018 16:52	10/11/2018 23:43	Subtransmission	None	TRK 4316	UNKNOWN/NO DATA
10/14/2018 17:27	10/15/2018 22:06	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
10/16/2018 11:06	10/16/2018 16:45	Subtransmission	None	TRK 6938	UNKNOWN/NO DATA
10/17/2018 22:31	10/18/2018 11:14	Subtransmission	None	TIE 9107	UNKNOWN/NO DATA
10/17/2018 23:28	10/18/2018 4:03	Subtransmission	None	TRK 1340	UNKNOWN/NO DATA
10/21/2018 19:38	10/23/2018 8:18	Subtransmission	None	TRK 1340	UNKNOWN/NO DATA
10/23/2018 8:51	10/23/2018 18:57	Subtransmission	None	TIE 3416	UNKNOWN/NO DATA
10/23/2018 9:11	10/23/2018 15:11	Subtransmission	None	TIE 3416	UNKNOWN/NO DATA
10/24/2018 17:07	10/24/2018 20:03	Subtransmission	None	TIE 6138	UNKNOWN/NO DATA
11/6/2018 8:14	11/6/2018 16:28	Subtransmission	None	TIE 6907	UNKNOWN/NO DATA
11/6/2018 13:59	11/7/2018 2:44	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
11/7/2018 12:34	11/7/2018 16:17	Subtransmission	None	TIE 3500	UNKNOWN/NO DATA
11/8/2018 9:59	11/8/2018 12:39	Subtransmission	None	TRK 1243	UNKNOWN/NO DATA
11/9/2018 9:56	11/9/2018 14:05	Subtransmission	None	TRK 5935	UNKNOWN/NO DATA
11/14/2018 3:51	11/14/2018 21:01	Subtransmission	None	TIE 5513	UNKNOWN/NO DATA
11/15/2018 13:24	11/15/2018 16:57	Subtransmission	None	TRK 1346	UNKNOWN/NO DATA
11/26/2018 15:50	11/26/2018 19:25	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
11/26/2018 17:09	11/27/2018 1:37	Subtransmission	None	TRK 6938	UNKNOWN/NO DATA
11/30/2018 12:19	11/30/2018 17:04	Subtransmission	None	TIE 1531	UNKNOWN/NO DATA
12/1/2018 23:20	12/3/2018 8:30	Subtransmission	None	TIE 7702	UNKNOWN/NO DATA
12/5/2018 22:18	12/8/2018 8:55	Subtransmission	None	TIE 1531	UNKNOWN/NO DATA
12/6/2018 10:55	12/6/2018 13:32	Subtransmission	None	TRK 6759	UNKNOWN/NO DATA
12/8/2018 1:05	12/8/2018 13:59	Subtransmission	None	TRK 8215	UNKNOWN/NO DATA
12/12/2018 13:11	12/12/2018 15:36	Subtransmission	None	TRK 3536	UNKNOWN/NO DATA
12/12/2018 12:20	12/12/2018 16:12	Subtransmission	None	TRK 372	UNKNOWN/NO DATA
12/22/2018 16:21	12/22/2018 20:04	Subtransmission	None	TRK 620	UNKNOWN/NO DATA
12/24/2018 6:42	12/24/2018 17:35	Subtransmission	None	TIE 4104	UNKNOWN/NO DATA
12/26/2018 9:32	12/26/2018 16:19	Subtransmission	None	TRK 4316	UNKNOWN/NO DATA
12/28/2018 18:44	12/28/2018 20:37	Subtransmission	None	TRK 1251	UNKNOWN/NO DATA
1/1/2019 15:41	1/1/2019 17:57	Subtransmission	None	TRK 5855	UNKNOWN/NO DATA
1/5/2019 15:18	1/5/2019 21:04	Subtransmission	None	TRK 2528	UNKNOWN/NO DATA
1/7/2019 13:25	1/7/2019 21:07	Subtransmission	None	TRK 2659	UNKNOWN/NO DATA
1/13/2019 9:46	1/13/2019 14:45	Subtransmission	None	TIE 2648	UNKNOWN/NO DATA
1/13/2019 21:52	1/14/2019 2:39	Subtransmission	None	TRK 7065	UNKNOWN/NO DATA
1/18/2019 10:03	1/18/2019 14:32	Subtransmission	None	TRK 7065	UNKNOWN/NO DATA
1/23/2019 10:22	1/23/2019 17:41	Subtransmission	None	TIE 4708	UNKNOWN/NO DATA
1/26/2019 12:43	1/26/2019 22:24	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
2/13/2019 11:32	2/13/2019 16:14	Subtransmission	None	TIE 3212	UNKNOWN/NO DATA
2/18/2019 19:23	2/18/2019 19:37	Subtransmission	None	TRK 3526	UNKNOWN/NO DATA
2/20/2019 18:10	2/20/2019 22:48	Subtransmission	None	TIE 185	UNKNOWN/NO DATA
2/24/2019 19:04	2/26/2019 20:35	Subtransmission	None	TIE 3417	UNKNOWN/NO DATA
2/24/2019 17:57	2/24/2019 19:53	Subtransmission	Distribution	TIE 3417	UNKNOWN/NO DATA
2/24/2019 9:56	2/24/2019 14:36	Subtransmission	None	TIE 7745	UNKNOWN/NO DATA
2/24/2019 6:03	2/24/2019 11:31	Subtransmission	None	TRK 5917	UNKNOWN/NO DATA
2/25/2019 13:05	2/25/2019 13:11	Subtransmission	None	TIE 9211	UNKNOWN/NO DATA
3/8/2019 14:21	3/8/2019 18:05	Subtransmission	None	TRK 3526	UNKNOWN/NO DATA
3/9/2019 7:55	3/9/2019 15:50	Subtransmission	None	TRK 6938	UNKNOWN/NO DATA
3/10/2019 9:25	3/10/2019 22:22	Subtransmission	None	TIE 6602	UNKNOWN/NO DATA
3/10/2019 9:14	3/10/2019 10:26	Subtransmission	Distribution	TIE 6602	UNKNOWN/NO DATA
3/14/2019 20:51	3/14/2019 22:00	Subtransmission	Distribution	TIE 9107	UNKNOWN/NO DATA
3/14/2019 20:51	3/14/2019 22:00	Subtransmission	Distribution	TIE 9107	UNKNOWN/NO DATA
3/14/2019 20:51	3/14/2019 22:00	Subtransmission	Distribution	TIE 9107	UNKNOWN/NO DATA
3/14/2019 23:32	3/15/2019 19:08	Subtransmission	None	TIE 9107	UNKNOWN/NO DATA
3/16/2019 7:32	3/16/2019 16:35	Subtransmission	None	TIE 807	UNKNOWN/NO DATA
3/18/2019 19:11	3/19/2019 6:00	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
3/19/2019 16:01	3/20/2019 0:03	Subtransmission	None	TRK 2918	UNKNOWN/NO DATA
3/26/2019 12:20	3/26/2019 12:57	Subtransmission	None	TIE 810	UNKNOWN/NO DATA
3/26/2019 17:10	3/26/2019 18:38	Subtransmission	None	TRK 7035	UNKNOWN/NO DATA
3/31/2019 16:08	3/31/2019 19:15	Subtransmission	None	TIE 3206	UNKNOWN/NO DATA
3/31/2019 8:33	3/31/2019 15:26	Subtransmission	None	TIE 5843	UNKNOWN/NO DATA
3/31/2019 18:50	3/31/2019 23:51	Subtransmission	None	TRK 1502	UNKNOWN/NO DATA
4/1/2019 21:05	4/2/2019 4:28	Subtransmission	None	TRK 2247	UNKNOWN/NO DATA
4/1/2019 13:58	4/1/2019 17:21	Subtransmission	None	TRK 4962	UNKNOWN/NO DATA
4/3/2019 13:48	4/3/2019 18:13	Subtransmission	None	TIE 3205	UNKNOWN/NO DATA
4/6/2019 9:09	4/6/2019 12:30	Subtransmission	None	TRK 2301	UNKNOWN/NO DATA
4/8/2019 15:14	4/8/2019 18:19	Subtransmission	None	TRK 1243	UNKNOWN/NO DATA
4/12/2019 18:26	4/12/2019 21:22	Subtransmission	None	TIE 5843	UNKNOWN/NO DATA
4/15/2019 17:16	4/15/2019 18:58	Subtransmission	None	TRK 3646	UNKNOWN/NO DATA
4/23/2019 0:32	4/23/2019 11:55	Subtransmission	None	TRK 4601	UNKNOWN/NO DATA
5/3/2019 11:44	5/3/2019 17:18	Subtransmission	None	TRK 2218	UNKNOWN/NO DATA
5/12/2019 11:41	5/12/2019 21:16	Subtransmission	None	TRK 1403	UNKNOWN/NO DATA
5/17/2019 4:46	5/17/2019 17:40	Subtransmission	None	TRK 7114	UNKNOWN/NO DATA
5/23/2019 16:18	5/25/2019 14:44	Subtransmission	None	TRK 6938	UNKNOWN/NO DATA
5/24/2019 8:49	5/24/2019 9:18	Subtransmission	None	TIE 2025	UNKNOWN/NO DATA
5/25/2019 8:54	5/25/2019 14:20	Subtransmission	None	TIE 2025	UNKNOWN/NO DATA
5/25/2019 13:41	5/25/2019 17:50	Subtransmission	None	TRK 7035	UNKNOWN/NO DATA
5/26/2019 1:18	5/26/2019 5:41	Subtransmission	None	TIE 1473	UNKNOWN/NO DATA
5/26/2019 19:21	5/27/2019 7:33	Subtransmission	None	TRK 5853	UNKNOWN/NO DATA
5/28/2019 12:38	5/28/2019 17:36	Subtransmission	None	TRK 2510	UNKNOWN/NO DATA
5/29/2019 12:27	5/29/2019 20:36	Subtransmission	None	TIE 2812	UNKNOWN/NO DATA
6/1/2019 15:24	6/2/2019 5:57	Subtransmission	None	TIE 3203	UNKNOWN/NO DATA
6/2/2019 8:51	6/2/2019 10:23	Subtransmission	None	TRK 7389	UNKNOWN/NO DATA
6/3/2019 20:05	6/4/2019 6:03	Subtransmission	None	TRK 2742	UNKNOWN/NO DATA
6/4/2019 15:32	6/4/2019 17:10	Subtransmission	None	TIE 2812	UNKNOWN/NO DATA
6/7/2019 2:36	6/7/2019 16:14	Subtransmission	None	TIE 6907	UNKNOWN/NO DATA
6/7/2019 18:40	6/7/2019 20:04	Subtransmission	None	TRK 2054	UNKNOWN/NO DATA
6/9/2019 12:14	6/9/2019 20:30	Subtransmission	None	TIE 3402	UNKNOWN/NO DATA
6/10/2019 18:53	6/11/2019 0:24	Subtransmission	None	TIE 226	UNKNOWN/NO DATA
6/10/2019 8:37	6/10/2019 16:18	Subtransmission	None	TIE 6621	UNKNOWN/NO DATA
6/10/2019 14:40	6/11/2019 6:06	Subtransmission	None	TRK 1243	UNKNOWN/NO DATA
6/10/2019 10:41	6/10/2019 14:18	Subtransmission	None	TRK 2466	UNKNOWN/NO DATA
6/12/2019 22:27	6/13/2019 11:48	Subtransmission	None	TRK 1409	UNKNOWN/NO DATA
6/13/2019 8:43	6/13/2019 11:55	Subtransmission	None	TIE 810	UNKNOWN/NO DATA
6/15/2019 18:44	6/16/2019 4:10	Subtransmission	None	TRK 1409	UNKNOWN/NO DATA

6/16/2019 17:03	6/16/2019 20:01	Subtransmission	None	TRK 1232		UNKNOWN/NO DATA
6/19/2019 14:32	6/19/2019 20:36	Subtransmission	None	TRK 2237		UNKNOWN/NO DATA
6/23/2019 8:49	6/23/2019 18:42	Subtransmission	None	TRK 3661		UNKNOWN/NO DATA
6/23/2019 16:42	6/24/2019 6:22	Subtransmission	None	TRK 7389		UNKNOWN/NO DATA
6/26/2019 17:44	6/27/2019 2:44	Subtransmission	None	TRK 7389		UNKNOWN/NO DATA
6/27/2019 2:28	6/27/2019 15:03	Subtransmission	None	TRK 2840		UNKNOWN/NO DATA
6/28/2019 11:30	6/29/2019 13:15	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
6/28/2019 10:46	6/28/2019 11:50	Subtransmission	Distribution	TIE 4109	665	42495 UNKNOWN/NO DATA
6/28/2019 10:46	6/28/2019 12:20	Subtransmission	Distribution	TIE 4109	685	61963 UNKNOWN/NO DATA
6/28/2019 10:46	6/28/2019 11:50	Subtransmission	Distribution	TIE 4109	223	13718 UNKNOWN/NO DATA
6/28/2019 9:14	6/29/2019 10:24	Subtransmission	None	TRK 2038		UNKNOWN/NO DATA
6/30/2019 10:56	6/30/2019 21:36	Subtransmission	None	TRK 5906		UNKNOWN/NO DATA
7/2/2019 21:52	7/3/2019 3:46	Subtransmission	None	TIE 1423		UNKNOWN/NO DATA
7/4/2019 12:07	7/4/2019 18:06	Subtransmission	None	TRK 7106		UNKNOWN/NO DATA
7/5/2019 6:46	7/5/2019 11:35	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
7/5/2019 16:59	7/5/2019 22:05	Subtransmission	None	TRK 446		UNKNOWN/NO DATA
7/6/2019 22:08	7/7/2019 10:09	Subtransmission	None	TIE 1544		UNKNOWN/NO DATA
7/6/2019 2:03	7/7/2019 15:25	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
7/7/2019 11:36	7/7/2019 21:30	Subtransmission	None	TIE 3205		UNKNOWN/NO DATA
7/7/2019 1:54	7/7/2019 12:12	Subtransmission	None	TIE 8033		UNKNOWN/NO DATA
7/11/2019 12:03	7/11/2019 18:24	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
7/11/2019 13:05	7/11/2019 17:20	Subtransmission	None	TIE 817		UNKNOWN/NO DATA
7/11/2019 12:03	7/11/2019 15:49	Subtransmission	None	TRK 3632		UNKNOWN/NO DATA
7/17/2019 19:34	7/18/2019 2:26	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
7/19/2019 20:05	7/20/2019 15:22	Subtransmission	None	TIE 2812		UNKNOWN/NO DATA
7/19/2019 19:45	7/25/2019 15:49	Subtransmission	None	TIE 5843		UNKNOWN/NO DATA
7/19/2019 23:01	7/22/2019 18:32	Subtransmission	None	TIE 7621		UNKNOWN/NO DATA
7/19/2019 22:13	7/21/2019 21:14	Subtransmission	None	TRK 1563		UNKNOWN/NO DATA
7/19/2019 14:12	7/25/2019 14:59	Subtransmission	None	TRK 2826		UNKNOWN/NO DATA
7/19/2019 19:21	7/25/2019 15:42	Subtransmission	None	TRK 6304		UNKNOWN/NO DATA
7/19/2019 19:06	7/20/2019 5:52	Subtransmission	None	TRK 6919		UNKNOWN/NO DATA
7/19/2019 16:15	7/25/2019 11:59	Subtransmission	None	TRK 7756		UNKNOWN/NO DATA
7/20/2019 7:38	7/20/2019 20:29	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
7/20/2019 10:21	7/25/2019 14:57	Subtransmission	None	TIE 7621		UNKNOWN/NO DATA
7/21/2019 0:59	7/21/2019 20:10	Subtransmission	None	TIE 4104		UNKNOWN/NO DATA
7/21/2019 0:56	7/25/2019 12:27	Subtransmission	None	TRK 5404		UNKNOWN/NO DATA
7/22/2019 1:18	7/22/2019 18:50	Subtransmission	None	TIE 9107		UNKNOWN/NO DATA
7/23/2019 16:10	7/26/2019 11:09	Subtransmission	None	TIE 4105		UNKNOWN/NO DATA
7/23/2019 17:48	7/25/2019 14:58	Subtransmission	None	TIE 5823		UNKNOWN/NO DATA
7/23/2019 17:58	7/24/2019 6:47	Subtransmission	None	TRK 6828		UNKNOWN/NO DATA
7/27/2019 7:16	7/28/2019 1:24	Subtransmission	None	TRK 1502		UNKNOWN/NO DATA
7/28/2019 13:29	7/28/2019 16:29	Subtransmission	None	TRK 2628		UNKNOWN/NO DATA
7/29/2019 13:35	7/29/2019 20:30	Subtransmission	None	TIE 5823		UNKNOWN/NO DATA
7/29/2019 16:47	7/29/2019 23:17	Subtransmission	None	TIE 5843		UNKNOWN/NO DATA
8/3/2019 8:27	8/3/2019 19:30	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
8/7/2019 3:43	8/7/2019 23:59	Subtransmission	None	TIE 1531		UNKNOWN/NO DATA
8/8/2019 15:44	8/8/2019 22:32	Subtransmission	None	TIE 1531		UNKNOWN/NO DATA
8/11/2019 21:59	8/11/2019 22:54	Subtransmission	None	TIE 7745		UNKNOWN/NO DATA
8/11/2019 18:33	8/11/2019 22:41	Subtransmission	None	TRK 1303		UNKNOWN/NO DATA
8/17/2019 18:24	8/18/2019 19:46	Subtransmission	None	TIE 3220		UNKNOWN/NO DATA
8/17/2019 23:42	8/18/2019 15:17	Subtransmission	None	TIE 9107		UNKNOWN/NO DATA
8/18/2019 20:44	8/19/2019 3:00	Subtransmission	Subtransmission	TIE 1473	54	19788 UNKNOWN/NO DATA
8/18/2019 20:43	8/19/2019 3:30	Subtransmission	Subtransmission	TIE 1473	105	37489 UNKNOWN/NO DATA
8/18/2019 21:26	8/19/2019 11:53	Subtransmission	None	TIE 810		UNKNOWN/NO DATA
8/18/2019 14:26	8/18/2019 20:58	Subtransmission	None	TRK 7062		UNKNOWN/NO DATA
8/19/2019 0:15	8/19/2019 0:58	Subtransmission	None	TRK 5145		UNKNOWN/NO DATA
8/21/2019 8:09	8/23/2019 13:07	Subtransmission	None	TIE 2819		UNKNOWN/NO DATA
8/21/2019 19:15	8/21/2019 20:24	Subtransmission	Distribution	TIE 3208	263	16847 UNKNOWN/NO DATA
8/21/2019 19:15	8/21/2019 20:24	Subtransmission	Distribution	TIE 3208	134	8672 UNKNOWN/NO DATA
8/21/2019 19:15	8/21/2019 20:28	Subtransmission	Distribution	TIE 3208	380	24590 UNKNOWN/NO DATA
8/21/2019 19:30	8/22/2019 4:53	Subtransmission	None	TIE 3208		UNKNOWN/NO DATA
8/24/2019 11:19	8/24/2019 21:03	Subtransmission	None	TRK 1403		UNKNOWN/NO DATA
8/26/2019 12:29	8/27/2019 10:36	Subtransmission	None	TRK 1134		UNKNOWN/NO DATA
8/27/2019 14:26	8/27/2019 21:39	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
8/28/2019 13:29	8/28/2019 21:30	Subtransmission	None	TRK 1243		UNKNOWN/NO DATA
8/29/2019 7:32	8/31/2019 6:09	Subtransmission	None	TRK 2541		UNKNOWN/NO DATA
9/1/2019 15:11	9/1/2019 19:22	Subtransmission	None	TRK 4301		UNKNOWN/NO DATA
9/2/2019 15:46	9/4/2019 2:19	Subtransmission	None	TIE 8033		UNKNOWN/NO DATA
9/3/2019 18:38	9/3/2019 20:58	Subtransmission	None	TRK 2523		UNKNOWN/NO DATA
9/5/2019 12:51	9/6/2019 1:35	Subtransmission	None	TIE 5513		UNKNOWN/NO DATA
9/7/2019 11:28	9/7/2019 14:20	Subtransmission	None	TIE 3705		UNKNOWN/NO DATA
9/9/2019 12:13	9/9/2019 17:58	Subtransmission	None	TRK 5145		UNKNOWN/NO DATA
9/10/2019 8:29	9/10/2019 14:36	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
9/10/2019 21:11	9/11/2019 6:47	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
9/11/2019 12:51	9/11/2019 15:12	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
9/11/2019 19:01	9/12/2019 11:09	Subtransmission	None	TRK 2087		UNKNOWN/NO DATA
9/11/2019 13:59	9/11/2019 17:18	Subtransmission	None	TRK 346		UNKNOWN/NO DATA
9/11/2019 14:16	9/17/2019 9:16	Subtransmission	None	TRK 6508		UNKNOWN/NO DATA
9/11/2019 16:03	9/11/2019 17:41	Subtransmission	None	TRK 6854		UNKNOWN/NO DATA
9/14/2019 8:33	9/15/2019 14:42	Subtransmission	None	TIE 8014		UNKNOWN/NO DATA
9/17/2019 9:02	9/17/2019 14:54	Subtransmission	None	TRK 2087		UNKNOWN/NO DATA
9/19/2019 4:53	9/21/2019 6:17	Subtransmission	None	TRK 2087		UNKNOWN/NO DATA
9/19/2019 10:58	9/19/2019 19:20	Subtransmission	None	TRK 6919		UNKNOWN/NO DATA
9/20/2019 11:03	9/21/2019 5:00	Subtransmission	Distribution	TIE 4412		UNKNOWN/NO DATA
9/21/2019 20:23	9/22/2019 5:00	Subtransmission	None	TIE 817		UNKNOWN/NO DATA
9/21/2019 19:10	9/22/2019 9:24	Subtransmission	None	TRK 2506		UNKNOWN/NO DATA
9/23/2019 6:52	9/23/2019 23:04	Subtransmission	None	TIE 3205		UNKNOWN/NO DATA
9/23/2019 8:56	9/23/2019 14:29	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
9/23/2019 8:11	9/23/2019 14:19	Subtransmission	None	TIE 5823		UNKNOWN/NO DATA
9/23/2019 17:57	9/24/2019 5:39	Subtransmission	None	TRK 4301		UNKNOWN/NO DATA
9/24/2019 11:28	9/27/2019 14:35	Subtransmission	None	TRK 2523		UNKNOWN/NO DATA
9/25/2019 11:52	9/25/2019 20:22	Subtransmission	None	TIE 3209		UNKNOWN/NO DATA
9/28/2019 15:58	9/28/2019 20:56	Subtransmission	None	TRK 3124		UNKNOWN/NO DATA
10/1/2019 13:56	10/1/2019 22:41	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
10/2/2019 12:19	10/2/2019 17:42	Subtransmission	None	TIE 3206		UNKNOWN/NO DATA
10/2/2019 1:09	10/2/2019 2:35	Subtransmission	None	TIE 4605		UNKNOWN/NO DATA
10/2/2019 10:41	10/2/2019 14:53	Subtransmission	None	TRK 2806		UNKNOWN/NO DATA
10/13/2019 21:52	10/14/2019 5:02	Subtransmission	None	TIE 9205		UNKNOWN/NO DATA
10/13/2019 13:55	10/13/2019 15:06	Subtransmission	None	TRK 6919		UNKNOWN/NO DATA
10/17/2019 20:51	10/18/2019 13:52	Subtransmission	None	TRK 4416		UNKNOWN/NO DATA
10/18/2019 8:47	10/21/2019 4:23	Subtransmission	None	TRK 7324		UNKNOWN/NO DATA
10/23/2019 12:44	10/26/2019 6:47	Subtransmission	None	TRK 1248		UNKNOWN/NO DATA
10/29/2019 22:36	10/30/2019 2:22	Subtransmission	None	TRK 2523		UNKNOWN/NO DATA
10/29/2019 17:13	10/29/2019 22:10	Subtransmission	None	TRK 5510		UNKNOWN/NO DATA
11/4/2019 9:44	11/4/2019 13:54	Subtransmission	None	TRK 1276		UNKNOWN/NO DATA

11/4/2019 5:35	11/15/2019 12:04	Subtransmission	None	TRK 3540	UNKNOWN/NO DATA
11/12/2019 7:24	11/12/2019 10:56	Subtransmission	None	TRK 2439	UNKNOWN/NO DATA
11/17/2019 14:45	11/18/2019 14:39	Subtransmission	None	TRK 3540	UNKNOWN/NO DATA
11/23/2019 11:51	11/23/2019 16:26	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
11/25/2019 13:50	11/25/2019 19:44	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
11/27/2019 12:42	11/29/2019 1:56	Subtransmission	None	TIE 8033	UNKNOWN/NO DATA
11/27/2019 12:18	11/27/2019 19:26	Subtransmission	None	TRK 2826	UNKNOWN/NO DATA
12/6/2019 16:59	12/7/2019 10:39	Subtransmission	None	TRK 7122	UNKNOWN/NO DATA
12/15/2019 18:51	12/16/2019 14:37	Subtransmission	None	TIE 4523	UNKNOWN/NO DATA
12/16/2019 18:56	12/16/2019 23:27	Subtransmission	None	TIE 9205	UNKNOWN/NO DATA
12/17/2019 13:27	12/17/2019 18:10	Subtransmission	None	TRK 2301	UNKNOWN/NO DATA
12/22/2019 7:57	12/24/2019 18:26	Subtransmission	None	TRK 7122	UNKNOWN/NO DATA
12/25/2019 23:49	12/26/2019 13:17	Subtransmission	None	TRK 6919	UNKNOWN/NO DATA
12/30/2019 0:21	12/30/2019 6:25	Subtransmission	None	TRK 2918	UNKNOWN/NO DATA
1/1/2020 8:43	1/3/2020 7:03	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
1/1/2020 12:38	1/1/2020 12:46	Subtransmission	Subtransmission	TIE 5823	UNKNOWN/NO DATA
1/1/2020 4:03	1/1/2020 9:32	Subtransmission	None	TRK 4351	UNKNOWN/NO DATA
1/6/2020 11:00	1/8/2020 9:35	Subtransmission	None	TIE 6931	UNKNOWN/NO DATA
1/9/2020 15:42	1/9/2020 21:23	Subtransmission	None	TIE 3402	UNKNOWN/NO DATA
1/10/2020 14:47	1/10/2020 21:50	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
1/11/2020 12:21	1/11/2020 14:14	Subtransmission	Subtransmission	TIE 4605	UNKNOWN/NO DATA
1/11/2020 12:21	1/11/2020 14:14	Subtransmission	Subtransmission	TIE 4605	UNKNOWN/NO DATA
1/11/2020 23:19	1/12/2020 21:08	Subtransmission	None	TIE 9111	UNKNOWN/NO DATA
1/12/2020 15:47	1/12/2020 19:48	Subtransmission	None	TRK 5917	UNKNOWN/NO DATA
1/14/2020 5:36	1/14/2020 17:12	Subtransmission	None	TRK 8215	UNKNOWN/NO DATA
1/24/2020 7:15	1/24/2020 13:51	Subtransmission	None	TIE 7733	UNKNOWN/NO DATA
2/7/2020 8:24	2/7/2020 10:37	Subtransmission	None	TRK 1134	UNKNOWN/NO DATA
2/15/2020 9:15	2/15/2020 10:27	Subtransmission	None	TRK 7078	UNKNOWN/NO DATA
2/26/2020 11:25	2/26/2020 14:59	Subtransmission	None	TIE 2901	UNKNOWN/NO DATA
3/2/2020 20:00	3/3/2020 13:08	Subtransmission	None	TRK 2218	UNKNOWN/NO DATA
3/2/2020 16:44	3/2/2020 19:50	Subtransmission	Distribution	TRK 2218	UNKNOWN/NO DATA
3/2/2020 16:58	3/2/2020 22:06	Subtransmission	Distribution	TRK 2218	UNKNOWN/NO DATA
3/11/2020 9:01	3/11/2020 19:19	Subtransmission	None	TIE 3220	UNKNOWN/NO DATA
3/11/2020 14:16	3/11/2020 16:24	Subtransmission	None	TRK 2218	UNKNOWN/NO DATA
4/1/2020 13:48	4/1/2020 16:04	Subtransmission	None	TRK 3546	UNKNOWN/NO DATA
4/7/2020 23:06	4/8/2020 14:17	Subtransmission	None	TIE 1473	UNKNOWN/NO DATA
4/7/2020 20:56	4/8/2020 0:41	Subtransmission	None	TIE 2812	UNKNOWN/NO DATA
4/7/2020 21:19	4/8/2020 2:56	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
4/8/2020 9:39	4/8/2020 16:58	Subtransmission	None	TIE 3705	UNKNOWN/NO DATA
4/11/2020 7:13	4/11/2020 10:16	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
4/14/2020 10:57	4/14/2020 16:56	Subtransmission	None	TIE 3800	UNKNOWN/NO DATA
4/16/2020 14:10	4/16/2020 17:31	Subtransmission	None	TRK 5817	UNKNOWN/NO DATA
4/25/2020 19:43	4/26/2020 12:28	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
4/26/2020 12:42	4/26/2020 16:34	Subtransmission	None	TIE 2819	UNKNOWN/NO DATA
4/27/2020 7:49	4/27/2020 14:41	Subtransmission	None	TIE 4428	UNKNOWN/NO DATA
4/29/2020 13:17	4/29/2020 20:54	Subtransmission	None	TRK 5404	UNKNOWN/NO DATA
5/10/2020 8:26	5/10/2020 15:34	Subtransmission	None	TIE 3203	UNKNOWN/NO DATA
5/14/2020 1:59	5/14/2020 14:35	Subtransmission	None	TIE 3205	UNKNOWN/NO DATA
5/14/2020 1:58	5/14/2020 7:01	Subtransmission	None	TIE 3212	UNKNOWN/NO DATA
5/14/2020 16:56	5/14/2020 17:45	Subtransmission	None	TIE 3800	UNKNOWN/NO DATA
5/19/2020 0:29	5/19/2020 4:15	Subtransmission	None	TRK 5817	UNKNOWN/NO DATA
5/20/2020 16:28	5/20/2020 21:02	Subtransmission	None	TIE 2901	UNKNOWN/NO DATA
5/27/2020 12:55	5/29/2020 7:58	Subtransmission	None	TRK 2319	UNKNOWN/NO DATA
5/27/2020 8:25	5/29/2020 7:53	Subtransmission	None	TRK 6508	UNKNOWN/NO DATA
6/3/2020 19:34	6/3/2020 23:10	Subtransmission	None	TRK 2319	UNKNOWN/NO DATA
6/3/2020 15:19	6/3/2020 18:12	Subtransmission	None	TRK 446	UNKNOWN/NO DATA
6/3/2020 3:32	6/3/2020 11:10	Subtransmission	None	TRK 7150	UNKNOWN/NO DATA
6/7/2020 8:41	6/8/2020 8:47	Subtransmission	None	TIE 6138	UNKNOWN/NO DATA
6/9/2020 17:48	6/9/2020 19:41	Subtransmission	None	TIE 5513	UNKNOWN/NO DATA
6/10/2020 21:55	6/11/2020 19:35	Subtransmission	None	TIE 5208	UNKNOWN/NO DATA
6/10/2020 14:03	6/10/2020 23:01	Subtransmission	None	TIE 5829	UNKNOWN/NO DATA
6/11/2020 21:06	6/13/2020 11:00	Subtransmission	None	TIE 6931	UNKNOWN/NO DATA
6/18/2020 22:03	6/19/2020 12:41	Subtransmission	None	TIE 4105	UNKNOWN/NO DATA
6/18/2020 8:18	6/18/2020 17:41	Subtransmission	None	TRK 7130	UNKNOWN/NO DATA
6/19/2020 18:38	6/19/2020 23:01	Subtransmission	None	TRK 7130	UNKNOWN/NO DATA
6/20/2020 23:41	6/21/2020 11:32	Subtransmission	None	TIE 4523	UNKNOWN/NO DATA
6/20/2020 6:49	6/20/2020 12:37	Subtransmission	None	TRK 1276	UNKNOWN/NO DATA
6/23/2020 6:38	6/23/2020 17:22	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
6/23/2020 11:33	6/26/2020 20:03	Subtransmission	None	TIE 3705	UNKNOWN/NO DATA
6/23/2020 11:31	6/23/2020 14:23	Subtransmission	None	TIE 8623	UNKNOWN/NO DATA
6/23/2020 17:56	6/25/2020 15:44	Subtransmission	None	TRK 2918	UNKNOWN/NO DATA
7/1/2020 9:18	7/1/2020 14:17	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
7/1/2020 12:12	7/1/2020 16:28	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
7/2/2020 9:59	7/2/2020 15:30	Subtransmission	None	TRK 3107	UNKNOWN/NO DATA
7/3/2020 16:57	7/3/2020 18:25	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
7/3/2020 19:32	7/3/2020 22:28	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
7/3/2020 16:54	7/3/2020 18:26	Subtransmission	None	TIE 8014	UNKNOWN/NO DATA
7/4/2020 14:58	7/4/2020 19:02	Subtransmission	None	TRK 1229	UNKNOWN/NO DATA
7/4/2020 2:57	7/4/2020 22:36	Subtransmission	None	TRK 315	UNKNOWN/NO DATA
7/7/2020 16:50	7/8/2020 5:18	Subtransmission	None	TIE 3212	UNKNOWN/NO DATA
7/8/2020 14:29	7/8/2020 18:50	Subtransmission	None	TRK 6828	UNKNOWN/NO DATA
7/10/2020 13:14	7/12/2020 17:28	Subtransmission	None	TIE 3206	UNKNOWN/NO DATA
7/11/2020 17:37	7/16/2020 19:52	Subtransmission	None	TRK 5127	UNKNOWN/NO DATA
7/13/2020 18:54	7/14/2020 4:10	Subtransmission	None	TIE 7702	UNKNOWN/NO DATA
7/14/2020 20:56	7/14/2020 22:07	Subtransmission	None	TRK 2218	UNKNOWN/NO DATA
7/14/2020 7:41	7/16/2020 22:30	Subtransmission	None	TRK 4405	UNKNOWN/NO DATA
7/16/2020 11:40	7/17/2020 15:28	Subtransmission	None	TRK 7114	UNKNOWN/NO DATA
7/17/2020 13:37	7/17/2020 20:04	Subtransmission	None	TIE 2621	UNKNOWN/NO DATA
7/17/2020 9:50	7/18/2020 6:36	Subtransmission	None	TRK 2010	UNKNOWN/NO DATA
7/18/2020 17:23	7/19/2020 9:37	Subtransmission	None	TIE 3209	UNKNOWN/NO DATA
7/19/2020 16:49	7/21/2020 17:57	Subtransmission	None	TIE 2025	UNKNOWN/NO DATA
7/20/2020 0:07	7/20/2020 14:40	Subtransmission	None	TRK 6938	UNKNOWN/NO DATA
7/21/2020 12:15	7/21/2020 12:45	Subtransmission	Distribution	TRK 2027	UNKNOWN/NO DATA
7/25/2020 12:03	7/28/2020 12:29	Subtransmission	None	TIE 4708	UNKNOWN/NO DATA
7/29/2020 17:29	7/31/2020 5:56	Subtransmission	None	TRK 1346	UNKNOWN/NO DATA
7/29/2020 20:23	7/29/2020 23:03	Subtransmission	None	TRK 7150	UNKNOWN/NO DATA
7/31/2020 5:33	7/31/2020 10:07	Subtransmission	None	TRK 1303	UNKNOWN/NO DATA
8/2/2020 6:45	8/2/2020 12:38	Subtransmission	None	TRK 824	UNKNOWN/NO DATA
8/2/2020 2:03	8/2/2020 12:08	Subtransmission	None	TRK 824	UNKNOWN/NO DATA
8/3/2020 19:00	8/3/2020 20:00	Subtransmission	Distribution	TRK 1303	UNKNOWN/NO DATA
8/5/2020 9:11	8/7/2020 5:25	Subtransmission	None	TRK 3124	UNKNOWN/NO DATA
8/21/2020 12:05	8/22/2020 6:01	Subtransmission	None	TRK 4405	UNKNOWN/NO DATA
8/23/2020 17:51	8/25/2020 12:13	Subtransmission	None	TIE 8804	UNKNOWN/NO DATA
8/26/2020 6:57	8/26/2020 14:37	Subtransmission	None	TIE 3241	UNKNOWN/NO DATA
8/26/2020 11:05	8/27/2020 13:58	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA

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8/26/2020 11:02	8/27/2020 15:51	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
8/26/2020 11:03	8/27/2020 14:37	Subtransmission	None	TIE 5823	UNKNOWN/NO DATA
8/26/2020 9:02	8/26/2020 14:18	Subtransmission	None	TRK 6741	UNKNOWN/NO DATA
8/28/2020 14:45	8/28/2020 17:33	Subtransmission	None	TIE 9111	UNKNOWN/NO DATA
8/29/2020 17:14	8/30/2020 9:47	Subtransmission	None	TIE 2819	UNKNOWN/NO DATA
9/3/2020 13:39	9/3/2020 22:49	Subtransmission	None	TIE 3209	UNKNOWN/NO DATA
9/4/2020 14:29	9/4/2020 20:07	Subtransmission	None	TIE 4105	UNKNOWN/NO DATA
9/8/2020 10:50	9/8/2020 16:42	Subtransmission	None	TRK 2032	UNKNOWN/NO DATA
9/9/2020 4:23	9/9/2020 11:57	Subtransmission	None	TIE 7520	UNKNOWN/NO DATA
9/11/2020 9:47	9/12/2020 6:55	Subtransmission	None	TRK 4405	UNKNOWN/NO DATA
9/14/2020 15:45	9/14/2020 20:18	Subtransmission	None	TRK 5817	UNKNOWN/NO DATA
9/18/2020 13:49	9/19/2020 14:05	Subtransmission	None	TIE 2819	UNKNOWN/NO DATA
9/23/2020 17:12	9/23/2020 20:26	Subtransmission	None	TRK 2027	UNKNOWN/NO DATA
9/29/2020 22:17	9/30/2020 10:37	Subtransmission	None	TIE 3416	UNKNOWN/NO DATA
10/1/2020 10:02	10/1/2020 15:39	Subtransmission	None	TRK 2016	UNKNOWN/NO DATA
10/1/2020 13:43	10/1/2020 20:45	Subtransmission	None	TRK 7150	UNKNOWN/NO DATA
10/2/2020 16:39	10/2/2020 18:48	Subtransmission	None	TRK 2418	UNKNOWN/NO DATA
10/3/2020 16:19	10/3/2020 21:22	Subtransmission	None	TRK 4351	UNKNOWN/NO DATA
10/7/2020 12:36	10/7/2020 20:18	Subtransmission	Distribution	TIE 1473	UNKNOWN/NO DATA
10/9/2020 9:50	10/9/2020 11:53	Subtransmission	None	TRK 7122	UNKNOWN/NO DATA
10/12/2020 14:12	10/12/2020 17:27	Subtransmission	None	TRK 3646	UNKNOWN/NO DATA
10/14/2020 19:33	10/15/2020 13:51	Subtransmission	None	TRK 5411	UNKNOWN/NO DATA
10/18/2020 4:40	10/18/2020 11:40	Subtransmission	None	TIE 3417	UNKNOWN/NO DATA
10/19/2020 17:08	10/19/2020 19:58	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
10/22/2020 15:29	10/22/2020 16:28	Subtransmission	None	TRK 2719	UNKNOWN/NO DATA
10/22/2020 3:56	10/22/2020 7:21	Subtransmission	None	TRK 5239	UNKNOWN/NO DATA
10/23/2020 15:33	10/24/2020 19:42	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
10/23/2020 15:52	10/24/2020 5:45	Subtransmission	None	TIE 4104	UNKNOWN/NO DATA
10/25/2020 15:04	10/25/2020 18:00	Subtransmission	Distribution	TRK 2038	UNKNOWN/NO DATA
10/26/2020 14:11	10/26/2020 19:25	Subtransmission	None	TRK 5127	UNKNOWN/NO DATA
11/3/2020 12:14	11/15/2020 6:53	Subtransmission	None	TRK 1248	UNKNOWN/NO DATA
11/7/2020 10:57	11/7/2020 11:54	Subtransmission	None	TRK 5510	UNKNOWN/NO DATA
11/12/2020 12:39	11/12/2020 20:04	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
11/15/2020 18:10	11/18/2020 16:15	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
11/15/2020 16:09	11/21/2020 13:27	Subtransmission	None	TRK 2918	UNKNOWN/NO DATA
11/16/2020 9:20	11/16/2020 12:12	Subtransmission	None	TRK 2719	UNKNOWN/NO DATA
11/16/2020 12:13	11/25/2020 17:47	Subtransmission	None	TRK 7150	UNKNOWN/NO DATA
11/17/2020 12:30	11/18/2020 10:47	Subtransmission	None	TRK 3632	UNKNOWN/NO DATA
11/18/2020 18:59	11/18/2020 22:42	Subtransmission	None	TRK 1276	UNKNOWN/NO DATA
11/18/2020 17:03	11/18/2020 19:21	Subtransmission	None	TRK 1276	UNKNOWN/NO DATA
11/18/2020 16:24	11/18/2020 20:29	Subtransmission	None	TRK 3632	UNKNOWN/NO DATA
11/18/2020 8:29	11/18/2020 14:29	Subtransmission	None	TRK 7909	UNKNOWN/NO DATA
11/25/2020 8:03	11/25/2020 16:41	Subtransmission	None	TRK 7150	UNKNOWN/NO DATA
12/3/2020 12:17	12/4/2020 1:12	Subtransmission	None	TIE 7702	UNKNOWN/NO DATA
12/5/2020 8:09	12/5/2020 12:58	Subtransmission	None	TRK 2301	UNKNOWN/NO DATA
12/7/2020 16:57	12/8/2020 15:36	Subtransmission	None	TRK 4316	UNKNOWN/NO DATA
12/7/2020 17:06	12/9/2020 1:15	Subtransmission	None	TRK 4316	UNKNOWN/NO DATA
12/31/2020 17:36	12/31/2020 22:59	Subtransmission	None	TIE 3220	UNKNOWN/NO DATA
1/3/2021 10:42	1/4/2021 1:01	Subtransmission	None	TIE 8033	UNKNOWN/NO DATA
1/6/2021 8:24	1/6/2021 11:25	Subtransmission	None	TRK 620	UNKNOWN/NO DATA
1/17/2021 13:01	1/17/2021 17:25	Subtransmission	None	TIE 2025	UNKNOWN/NO DATA
1/18/2021 0:44	1/18/2021 7:09	Subtransmission	None	TRK 7324	UNKNOWN/NO DATA
1/23/2021 13:59	1/23/2021 16:49	Subtransmission	None	TRK 2506	UNKNOWN/NO DATA
1/26/2021 11:22	1/26/2021 15:12	Subtransmission	None	TRK 1303	UNKNOWN/NO DATA
2/14/2021 9:01	2/14/2021 11:19	Subtransmission	None	TRK 3536	UNKNOWN/NO DATA
2/16/2021 19:58	2/17/2021 0:25	Subtransmission	None	TRK 1346	UNKNOWN/NO DATA
2/21/2021 14:36	2/21/2021 17:54	Subtransmission	None	TRK 7386	UNKNOWN/NO DATA
2/22/2021 7:50	2/23/2021 8:14	Subtransmission	None	TIE 1544	UNKNOWN/NO DATA
3/12/2021 16:39	3/12/2021 21:21	Subtransmission	None	TRK 2032	UNKNOWN/NO DATA
3/17/2021 18:39	3/17/2021 23:25	Subtransmission	None	TRK 2032	UNKNOWN/NO DATA
3/18/2021 13:30	3/18/2021 14:19	Subtransmission	None	TIE 4105	UNKNOWN/NO DATA
3/26/2021 7:56	3/26/2021 20:57	Subtransmission	None	TIE 3323	UNKNOWN/NO DATA
3/28/2021 16:16	3/28/2021 19:26	Subtransmission	None	TIE 4104	UNKNOWN/NO DATA
3/28/2021 17:20	3/29/2021 12:02	Subtransmission	None	TIE 7520	UNKNOWN/NO DATA
3/28/2021 17:37	3/29/2021 12:20	Subtransmission	None	TRK 1251	UNKNOWN/NO DATA
3/28/2021 14:06	3/28/2021 17:53	Subtransmission	None	TRK 1251	UNKNOWN/NO DATA
3/30/2021 17:04	3/31/2021 16:10	Subtransmission	None	TRK 428	UNKNOWN/NO DATA
4/5/2021 11:56	4/5/2021 16:07	Subtransmission	None	TIE 4911	UNKNOWN/NO DATA
4/7/2021 17:24	4/7/2021 23:49	Subtransmission	None	TRK 7324	UNKNOWN/NO DATA
4/9/2021 11:56	4/9/2021 16:55	Subtransmission	None	TRK 6125	UNKNOWN/NO DATA
4/10/2021 11:50	4/10/2021 18:13	Subtransmission	None	TIE 3416	UNKNOWN/NO DATA
4/15/2021 0:03	4/15/2021 11:03	Subtransmission	None	TIE 9107	UNKNOWN/NO DATA
4/16/2021 9:00	4/16/2021 12:41	Subtransmission	None	TRK 1527	UNKNOWN/NO DATA
4/18/2021 6:28	4/19/2021 6:06	Subtransmission	None	TIE 1531	UNKNOWN/NO DATA
4/20/2021 22:48	4/21/2021 14:32	Subtransmission	None	TRK 7106	UNKNOWN/NO DATA
4/25/2021 3:31	4/25/2021 12:10	Subtransmission	None	TRK 4971	UNKNOWN/NO DATA
5/2/2021 1:42	5/2/2021 21:43	Subtransmission	None	TRK 1563	UNKNOWN/NO DATA
5/3/2021 15:41	5/3/2021 20:16	Subtransmission	None	TRK 2319	UNKNOWN/NO DATA
5/3/2021 1:33	5/3/2021 5:25	Subtransmission	None	TRK 467	UNKNOWN/NO DATA
5/4/2021 1:21	5/4/2021 5:30	Subtransmission	None	TIE 7702	UNKNOWN/NO DATA
5/5/2021 17:37	5/6/2021 3:19	Subtransmission	None	TIE 6138	UNKNOWN/NO DATA
5/7/2021 15:50	5/7/2021 20:58	Subtransmission	None	TRK 2305	UNKNOWN/NO DATA
5/8/2021 6:38	5/9/2021 2:01	Subtransmission	None	TIE 1467	UNKNOWN/NO DATA
5/15/2021 12:32	5/15/2021 14:43	Subtransmission	None	TRK 5127	UNKNOWN/NO DATA
5/17/2021 3:00	5/17/2021 7:24	Subtransmission	None	TIE 3417	UNKNOWN/NO DATA
5/19/2021 6:10	5/19/2021 13:28	Subtransmission	None	TIE 1423	UNKNOWN/NO DATA
5/19/2021 13:39	5/19/2021 18:39	Subtransmission	None	TIE 7430	UNKNOWN/NO DATA
5/20/2021 16:17	5/20/2021 20:48	Subtransmission	None	TRK 7122	UNKNOWN/NO DATA
5/21/2021 10:37	5/21/2021 14:20	Subtransmission	None	TRK 5510	UNKNOWN/NO DATA
5/26/2021 21:47	5/27/2021 10:46	Subtransmission	None	TIE 7430	UNKNOWN/NO DATA
5/27/2021 4:21	5/27/2021 15:09	Subtransmission	None	TIE 5829	UNKNOWN/NO DATA
5/28/2021 13:52	5/30/2021 9:00	Subtransmission	None	TRK 1232	UNKNOWN/NO DATA
6/3/2021 16:10	6/3/2021 23:14	Subtransmission	None	TRK 3241	UNKNOWN/NO DATA
6/12/2021 9:09	6/12/2021 17:33	Subtransmission	None	TRK 2010	UNKNOWN/NO DATA
6/13/2021 17:04	6/13/2021 23:19	Subtransmission	None	TIE 1467	UNKNOWN/NO DATA
6/14/2021 3:38	6/14/2021 17:10	Subtransmission	None	TRK 2206	UNKNOWN/NO DATA
6/17/2021 7:49	6/18/2021 15:17	Subtransmission	None	TRK 1276	UNKNOWN/NO DATA
6/18/2021 10:09	6/18/2021 12:41	Subtransmission	None	TRK 2713	UNKNOWN/NO DATA
6/19/2021 6:50	6/19/2021 19:51	Subtransmission	None	TIE 3209	UNKNOWN/NO DATA
6/22/2021 15:25	6/22/2021 20:28	Subtransmission	None	TIE 3208	UNKNOWN/NO DATA
6/22/2021 14:48	6/22/2021 21:35	Subtransmission	None	TIE 9111	UNKNOWN/NO DATA
6/22/2021 14:37	6/22/2021 16:44	Subtransmission	Distribution	TIE 9111	UNKNOWN/NO DATA
6/24/2021 12:03	6/27/2021 20:26	Subtransmission	None	TIE 226	UNKNOWN/NO DATA
6/26/2021 8:16	6/26/2021 20:34	Subtransmission	None	TRK 2107	UNKNOWN/NO DATA
6/27/2021 0:00	6/27/2021 7:47	Subtransmission	None	TIE 7745	UNKNOWN/NO DATA

6/27/2021 9:30	6/28/2021 2:30	Subtransmission	None	TRK 4316		UNKNOWN/NO DATA
6/28/2021 20:13	6/29/2021 12:40	Subtransmission	None	TRK 2002		UNKNOWN/NO DATA
6/29/2021 4:58	6/29/2021 12:07	Subtransmission	None	TRK 2002		UNKNOWN/NO DATA
6/29/2021 5:22	6/29/2021 12:49	Subtransmission	None	TRK 2002		UNKNOWN/NO DATA
6/29/2021 5:01	6/29/2021 14:08	Subtransmission	None	TRK 2002		UNKNOWN/NO DATA
6/29/2021 5:22	6/29/2021 10:55	Subtransmission	None	TRK 2002		UNKNOWN/NO DATA
6/29/2021 5:30	6/30/2021 18:18	Subtransmission	None	TRK 2205		UNKNOWN/NO DATA
6/29/2021 16:26	6/30/2021 20:51	Subtransmission	None	TRK 2205		UNKNOWN/NO DATA
6/29/2021 7:21	6/30/2021 22:09	Subtransmission	None	TRK 2233		UNKNOWN/NO DATA
7/2/2021 12:00	7/6/2021 12:22	Subtransmission	None	TRK 1276		UNKNOWN/NO DATA
7/4/2021 20:22	7/4/2021 23:48	Subtransmission	None	TRK 1232		UNKNOWN/NO DATA
7/4/2021 20:26	7/4/2021 23:52	Subtransmission	None	TRK 1232		UNKNOWN/NO DATA
7/5/2021 5:39	7/5/2021 11:08	Subtransmission	None	TIE 810		UNKNOWN/NO DATA
7/5/2021 10:14	7/5/2021 12:12	Subtransmission	None	TIE 9310		UNKNOWN/NO DATA
7/5/2021 7:53	7/5/2021 16:50	Subtransmission	None	TRK 7035		UNKNOWN/NO DATA
7/6/2021 18:36	7/7/2021 21:20	Subtransmission	None	TRK 1243		UNKNOWN/NO DATA
7/6/2021 17:51	7/6/2021 21:53	Subtransmission	None	TRK 1403		UNKNOWN/NO DATA
7/6/2021 7:33	7/7/2021 20:21	Subtransmission	None	TRK 2205		UNKNOWN/NO DATA
7/6/2021 19:38	7/7/2021 16:25	Subtransmission	None	TRK 4911		UNKNOWN/NO DATA
7/7/2021 15:51	7/12/2021 15:43	Subtransmission	None	TRK 1243		UNKNOWN/NO DATA
7/7/2021 20:16	7/8/2021 2:32	Subtransmission	None	TRK 5938		UNKNOWN/NO DATA
7/8/2021 11:50	7/8/2021 17:34	Subtransmission	None	TIE 4532		UNKNOWN/NO DATA
7/9/2021 7:57	7/9/2021 16:54	Subtransmission	None	TRK 7114		UNKNOWN/NO DATA
7/13/2021 15:06	7/13/2021 18:43	Subtransmission	None	TIE 807		UNKNOWN/NO DATA
7/14/2021 18:50	7/14/2021 21:52	Subtransmission	None	TRK 2218		UNKNOWN/NO DATA
7/17/2021 12:54	7/19/2021 8:36	Subtransmission	None	TIE 2648		UNKNOWN/NO DATA
7/21/2021 10:58	7/22/2021 8:05	Subtransmission	None	TIE 8511		UNKNOWN/NO DATA
7/21/2021 23:54	7/22/2021 8:43	Subtransmission	None	TIE 9107		UNKNOWN/NO DATA
7/21/2021 3:19	7/21/2021 3:39	Subtransmission	None	TRK 5935		UNKNOWN/NO DATA
7/21/2021 6:28	7/21/2021 17:42	Subtransmission	None	TRK 5935		UNKNOWN/NO DATA
7/21/2021 11:02	7/21/2021 15:17	Subtransmission	None	TRK 6919		UNKNOWN/NO DATA
7/22/2021 10:07	7/23/2021 8:43	Subtransmission	Distribution	TIE 8014	777	87445 UNKNOWN/NO DATA
7/22/2021 10:40	7/24/2021 6:41	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
7/22/2021 9:58	7/22/2021 12:51	Subtransmission	None	TRK 2107		UNKNOWN/NO DATA
7/24/2021 16:22	7/24/2021 20:15	Subtransmission	Distribution	TIE 3208	211	41684 UNKNOWN/NO DATA
7/24/2021 19:55	7/25/2021 20:59	Subtransmission	None	TIE 6138		UNKNOWN/NO DATA
7/24/2021 22:37	7/26/2021 12:51	Subtransmission	None	TRK 2443		UNKNOWN/NO DATA
7/24/2021 16:39	7/24/2021 20:25	Subtransmission	None	TRK 3208		UNKNOWN/NO DATA
7/28/2021 9:43	8/2/2021 2:20	Subtransmission	None	TIE 5829		UNKNOWN/NO DATA
7/28/2021 21:32	7/29/2021 16:25	Subtransmission	None	TIE 810		UNKNOWN/NO DATA
7/29/2021 10:09	8/1/2021 14:55	Subtransmission	None	TRK 1232		UNKNOWN/NO DATA
7/29/2021 19:02	7/30/2021 6:49	Subtransmission	None	TRK 1303		UNKNOWN/NO DATA
7/31/2021 9:08	7/31/2021 13:23	Subtransmission	None	TIE 3402		UNKNOWN/NO DATA
8/1/2021 10:01	8/1/2021 17:57	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
8/1/2021 14:51	8/1/2021 19:04	Subtransmission	None	TIE 4605		UNKNOWN/NO DATA
8/1/2021 6:35	8/1/2021 9:36	Subtransmission	None	TIE 7504		UNKNOWN/NO DATA
8/1/2021 16:11	8/2/2021 1:15	Subtransmission	None	TRK 1232		UNKNOWN/NO DATA
8/3/2021 22:55	8/4/2021 0:39	Subtransmission	None	TRK 6854		UNKNOWN/NO DATA
8/7/2021 7:31	8/8/2021 0:13	Subtransmission	None	TRK 2032		UNKNOWN/NO DATA
8/7/2021 9:27	8/7/2021 14:19	Subtransmission	None	TRK 2611		UNKNOWN/NO DATA
8/8/2021 6:39	8/8/2021 13:51	Subtransmission	None	TIE 7408		UNKNOWN/NO DATA
8/9/2021 16:43	8/10/2021 20:10	Subtransmission	None	TRK 3518		UNKNOWN/NO DATA
8/11/2021 1:28	8/11/2021 21:02	Subtransmission	None	TIE 3205		UNKNOWN/NO DATA
8/11/2021 1:20	8/11/2021 6:13	Subtransmission	None	TIE 3212		UNKNOWN/NO DATA
8/11/2021 1:30	8/11/2021 12:45	Subtransmission	None	TIE 3416		UNKNOWN/NO DATA
8/11/2021 15:06	8/13/2021 20:19	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
8/11/2021 22:49	8/12/2021 14:01	Subtransmission	None	TRK 2010		UNKNOWN/NO DATA
8/12/2021 16:16	8/13/2021 19:32	Subtransmission	None	TIE 6621		UNKNOWN/NO DATA
8/12/2021 21:43	8/15/2021 14:25	Subtransmission	None	TRK 2824		UNKNOWN/NO DATA
8/16/2021 14:24	8/21/2021 22:56	Subtransmission	None	TRK 6125		UNKNOWN/NO DATA
8/19/2021 14:01	8/21/2021 23:02	Subtransmission	None	TIE 4109		UNKNOWN/NO DATA
8/23/2021 18:51	8/24/2021 15:26	Subtransmission	None	TRK 3661		UNKNOWN/NO DATA
8/24/2021 22:30	8/25/2021 8:00	Subtransmission	None	TRK 5140		UNKNOWN/NO DATA
8/27/2021 15:07	8/27/2021 20:27	Subtransmission	None	TIE 3323		UNKNOWN/NO DATA
8/27/2021 13:11	8/28/2021 20:01	Subtransmission	None	TRK 1340		UNKNOWN/NO DATA
8/28/2021 5:26	8/28/2021 13:32	Subtransmission	None	TIE 4109		UNKNOWN/NO DATA
8/29/2021 19:45	9/1/2021 9:06	Subtransmission	None	TIE 2812		UNKNOWN/NO DATA
8/29/2021 18:04	8/30/2021 20:21	Subtransmission	None	TIE 3203		UNKNOWN/NO DATA
8/29/2021 18:39	8/30/2021 0:31	Subtransmission	Distribution	TIE 4104	1133	229132 UNKNOWN/NO DATA
8/29/2021 20:31	8/30/2021 3:40	Subtransmission	None	TIE 4104		UNKNOWN/NO DATA
8/29/2021 18:15	8/31/2021 13:12	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
9/1/2021 8:33	9/2/2021 3:31	Subtransmission	None	TIE 3323		UNKNOWN/NO DATA
9/1/2021 22:19	9/3/2021 12:51	Subtransmission	None	TIE 3417		UNKNOWN/NO DATA
9/2/2021 11:35	9/2/2021 16:36	Subtransmission	None	TRK 6125		UNKNOWN/NO DATA
9/3/2021 20:20	9/4/2021 14:20	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
9/4/2021 9:22	9/5/2021 20:18	Subtransmission	None	TIE 4523		UNKNOWN/NO DATA
9/7/2021 20:35	9/8/2021 6:00	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
9/7/2021 18:09	9/10/2021 0:00	Subtransmission	None	TIE 3318		UNKNOWN/NO DATA
9/7/2021 15:25	9/7/2021 22:03	Subtransmission	None	TRK 2918		UNKNOWN/NO DATA
9/7/2021 5:55	9/7/2021 10:23	Subtransmission	None	TRK 4338		UNKNOWN/NO DATA
9/8/2021 8:08	9/8/2021 20:03	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
9/8/2021 17:45	9/11/2021 8:42	Subtransmission	None	TIE 7621		UNKNOWN/NO DATA
9/10/2021 14:33	9/10/2021 20:40	Subtransmission	None	TRK 7104		UNKNOWN/NO DATA
9/11/2021 12:54	9/11/2021 18:44	Subtransmission	None	TRK 3536		UNKNOWN/NO DATA
9/15/2021 10:55	9/16/2021 11:12	Subtransmission	None	TIE 6931		UNKNOWN/NO DATA
9/17/2021 19:42	9/18/2021 1:58	Subtransmission	None	TRK 2005		UNKNOWN/NO DATA
9/17/2021 19:45	9/18/2021 0:26	Subtransmission	None	TRK 2005		UNKNOWN/NO DATA
9/18/2021 4:09	9/18/2021 6:37	Subtransmission	None	TIE 9205		UNKNOWN/NO DATA
9/20/2021 17:20	9/21/2021 4:21	Subtransmission	None	TIE 7520		UNKNOWN/NO DATA
9/20/2021 19:43	9/21/2021 16:46	Subtransmission	None	TIE 7520		UNKNOWN/NO DATA
9/20/2021 11:49	9/21/2021 0:34	Subtransmission	None	TRK 5127		UNKNOWN/NO DATA
9/23/2021 16:11	9/24/2021 17:38	Subtransmission	None	TIE 3323		UNKNOWN/NO DATA
9/23/2021 19:30	9/24/2021 0:05	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
9/24/2021 12:25	9/24/2021 18:37	Subtransmission	None	TRK 2233		UNKNOWN/NO DATA
10/9/2021 15:03	10/10/2021 13:16	Subtransmission	None	TRK 2032		UNKNOWN/NO DATA
10/20/2021 1:14	10/20/2021 5:19	Subtransmission	None	TRK 3650		UNKNOWN/NO DATA
10/20/2021 8:40	10/20/2021 10:15	Subtransmission	None	TRK 5145		UNKNOWN/NO DATA
10/20/2021 10:24	10/21/2021 7:06	Subtransmission	None	TRK 5145		UNKNOWN/NO DATA
10/23/2021 9:27	10/23/2021 14:27	Subtransmission	None	TRK 6125		UNKNOWN/NO DATA
10/30/2021 12:00	10/30/2021 17:56	Subtransmission	None	TIE 3822		UNKNOWN/NO DATA
11/4/2021 15:59	11/4/2021 19:32	Subtransmission	None	TIE 1568		UNKNOWN/NO DATA
11/5/2021 20:59	11/6/2021 3:12	Subtransmission	Distribution	TRK 117	1	84 UNKNOWN/NO DATA
11/11/2021 19:04	11/11/2021 21:13	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
11/11/2021 18:58	11/14/2021 10:09	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA
11/11/2021 18:58	11/12/2021 2:11	Subtransmission	None	TIE 9111		UNKNOWN/NO DATA

11/11/2021 19:00	11/12/2021 3:40	Subtransmission	None	TIE 9111			UNKNOWN/NO DATA
11/11/2021 18:54	11/12/2021 1:43	Subtransmission	None	TIE 9111			UNKNOWN/NO DATA
11/13/2021 6:02	11/13/2021 13:00	Subtransmission	Distribution	TRK 2918	1	418	UNKNOWN/NO DATA
11/14/2021 17:52	11/14/2021 20:15	Subtransmission	None	TRK 4227			UNKNOWN/NO DATA
11/15/2021 23:55	11/16/2021 3:32	Subtransmission	None	TRK 1243			UNKNOWN/NO DATA
11/20/2021 11:47	11/21/2021 15:10	Subtransmission	None	TRK 2035			UNKNOWN/NO DATA
11/21/2021 12:16	11/21/2021 14:10	Subtransmission	None	TRK 1276			UNKNOWN/NO DATA
11/24/2021 17:31	12/27/2021 10:28	Subtransmission	None	TIE 3220			UNKNOWN/NO DATA
11/24/2021 10:57	11/29/2021 6:55	Subtransmission	None	TRK 1303			UNKNOWN/NO DATA
11/24/2021 10:00	11/24/2021 15:41	Subtransmission	None	TRK 6125			UNKNOWN/NO DATA
11/29/2021 9:14	11/29/2021 14:29	Subtransmission	None	TIE 4428			UNKNOWN/NO DATA
12/4/2021 20:28	12/5/2021 3:57	Subtransmission	None	TRK 1276			UNKNOWN/NO DATA
12/10/2021 8:20	12/10/2021 10:27	Subtransmission	None	TRK 3557			UNKNOWN/NO DATA
12/11/2021 13:36	12/13/2021 16:55	Subtransmission	None	TIE 1318			UNKNOWN/NO DATA
12/11/2021 21:31	12/13/2021 19:58	Subtransmission	None	TIE 2812			UNKNOWN/NO DATA
12/11/2021 15:25	12/13/2021 17:20	Subtransmission	None	TIE 7702			UNKNOWN/NO DATA
12/11/2021 12:50	12/12/2021 15:11	Subtransmission	Distribution	TIE 9111	1	1635	UNKNOWN/NO DATA
12/11/2021 11:37	12/12/2021 19:52	Subtransmission	None	TIE 9111			UNKNOWN/NO DATA
12/11/2021 10:43	12/11/2021 11:00	Subtransmission	Subtransmission	TIE 9111	255	3388	UNKNOWN/NO DATA
12/12/2021 8:09	12/14/2021 9:21	Subtransmission	None	TIE 9111			UNKNOWN/NO DATA
12/16/2021 11:36	12/16/2021 18:02	Subtransmission	None	TIE 3205			UNKNOWN/NO DATA
12/25/2021 1:24	12/25/2021 15:24	Subtransmission	None	TRK 1502			UNKNOWN/NO DATA
12/27/2021 6:55	12/30/2021 18:14	Subtransmission	None	TIE 1467			UNKNOWN/NO DATA
12/28/2021 13:05	12/29/2021 15:47	Subtransmission	None	TIE 7702			UNKNOWN/NO DATA
12/30/2021 12:16	12/30/2021 18:13	Subtransmission	None	TIE 7745			UNKNOWN/NO DATA
4/29/2022 15:42	4/30/2022 19:50	Subtransmission	None	TRK 5404			UNKNOWN/NO DATA
5/20/2022 2:10	5/21/2022 4:10	Subtransmission	None	TRK 7913			UNKNOWN/NO DATA
5/26/2022 14:42	5/26/2022 20:06	Subtransmission	None	TRK 2611			UNKNOWN/NO DATA
5/31/2022 20:03	6/1/2022 4:16	Subtransmission	None	TRK 7122			UNKNOWN/NO DATA
6/7/2022 1:52	6/8/2022 10:27	Subtransmission	None	TRK 4419			UNKNOWN/NO DATA
6/7/2022 23:55	6/8/2022 5:14	Subtransmission	None	TRK 7062			UNKNOWN/NO DATA
6/20/2022 10:47	6/20/2022 20:25	Subtransmission	None	TRK 5510			UNKNOWN/NO DATA
6/27/2022 7:39	7/1/2022 6:40	Subtransmission	None	TRK 2010			UNKNOWN/NO DATA
7/1/2022 7:39	7/1/2022 14:18	Subtransmission	None	TRK 7909			UNKNOWN/NO DATA
7/10/2022 6:38	7/10/2022 17:07	Subtransmission	None	TRK 7909			UNKNOWN/NO DATA
7/17/2022 7:33	7/18/2022 5:40	Subtransmission	None	TRK 6125			UNKNOWN/NO DATA
7/22/2022 16:36	7/23/2022 10:17	Subtransmission	None	TRK 4962			UNKNOWN/NO DATA
7/24/2022 0:26	7/24/2022 9:37	Subtransmission	None	TRK 2016			UNKNOWN/NO DATA
7/28/2022 0:07	7/28/2022 5:33	Subtransmission	None	TRK 7062			UNKNOWN/NO DATA
7/30/2022 3:49	7/30/2022 14:53	Subtransmission	None	TRK 2233			UNKNOWN/NO DATA
7/30/2022 3:48	7/30/2022 17:19	Subtransmission	None	TRK 2233			UNKNOWN/NO DATA
7/31/2022 16:28	8/1/2022 6:14	Subtransmission	None	TRK 7035			UNKNOWN/NO DATA
8/4/2022 23:21	8/6/2022 5:22	Subtransmission	None	TRK 2305			UNKNOWN/NO DATA
8/6/2022 23:06	8/7/2022 18:26	Subtransmission	None	TRK 7106			UNKNOWN/NO DATA
8/10/2022 17:31	8/10/2022 21:59	Subtransmission	None	TRK 346			UNKNOWN/NO DATA
8/16/2022 7:40	8/16/2022 11:40	Subtransmission	None	TRK 6919			UNKNOWN/NO DATA
9/15/2022 12:32	9/15/2022 21:08	Subtransmission	None	TRK 2016			UNKNOWN/NO DATA
10/6/2022 18:14	10/7/2022 12:50	Subtransmission	None	TRK 5838			UNKNOWN/NO DATA
10/10/2022 13:17	10/10/2022 16:55	Subtransmission	None	TRK 5510			UNKNOWN/NO DATA
4/6/2023 14:34	4/6/2023 15:00	Subtransmission	Circuit Level	TRK 2611			UNKNOWN/NO DATA
4/6/2023 14:34	4/6/2023 15:01	Subtransmission	Circuit Level	TRK 2611			UNKNOWN/NO DATA
2/18/2022 11:16	2/18/2022 11:51	Subtransmission	None	TRK 8407			WIND
3/23/2022 17:59	3/24/2022 15:31	Subtransmission	None	TIE 9303			WIND
3/31/2022 13:43	4/2/2022 5:11	Subtransmission	None	TRK 7913			WIND
4/14/2022 15:54	4/14/2022 22:34	Subtransmission	None	TIE 6621			WIND
4/15/2022 17:18	4/23/2022 9:59	Subtransmission	None	TIE 6147			WIND
5/8/2022 4:29	5/9/2022 4:29	Subtransmission	None	TIE 2812			WIND
5/9/2022 13:13	5/10/2022 4:26	Subtransmission	None	TIE 6621			WIND
6/3/2022 15:37	6/3/2022 20:52	Subtransmission	None	TIE 9123			WIND
7/20/2022 15:46	7/23/2022 12:58	Subtransmission	None	TIE 7702			WIND
7/25/2022 19:31	7/26/2022 1:15	Subtransmission	None	TRK 1346			WIND
7/28/2022 17:45	7/29/2022 21:29	Subtransmission	None	TRK 1502			WIND
8/2/2022 10:49	8/2/2022 18:07	Subtransmission	None	TIE1467			WIND
8/3/2022 9:14	8/3/2022 19:41	Subtransmission	None	TRK 1502			WIND
8/9/2022 1:02	8/10/2022 23:08	Subtransmission	None	TRK 1473			WIND
8/30/2022 7:46	8/30/2022 15:59	Subtransmission	None	TIE 810			WIND
9/20/2022 18:28	9/21/2022 20:54	Subtransmission	None	TIE 5513			WIND
10/8/2022 11:42	10/8/2022 16:18	Subtransmission	None	TRK 2943			WIND
10/12/2022 11:41	10/13/2022 21:06	Subtransmission	None	TRK 6125			WIND
10/17/2022 18:57	10/17/2022 23:55	Subtransmission	None	TRK 1232			WIND
11/5/2022 14:05	11/6/2022 20:48	Subtransmission	None	TIE 3206			WIND
11/5/2022 19:12	11/6/2022 20:12	Subtransmission	None	TIE 9211			WIND
12/3/2022 8:10	12/7/2022 7:22	Subtransmission	None	TIE 7430			WIND
12/10/2022 16:29	12/10/2022 19:00	Subtransmission	None	TRK 5855			WIND
12/17/2022 12:31	12/17/2022 15:20	Subtransmission	None	TIE 5823			WIND
12/23/2022 6:23	12/24/2022 15:04	Subtransmission	None	TIE 7430			WIND
12/23/2022 7:03	12/24/2022 22:44	Subtransmission	None	TIE 9211			WIND
1/19/2023 7:49	1/19/2023 17:03	Subtransmission	None	TIE 3800			WIND
2/15/2023 13:52	2/16/2023 16:39	Subtransmission	None	TIE 3210			WIND
2/15/2023 13:41	2/15/2023 15:31	Subtransmission	Subtransmission	TIE 3410	222	23158	WIND
2/15/2023 11:34	2/15/2023 15:32	Subtransmission	Subtransmission	TIE 810	3	666	WIND
2/22/2023 18:48	2/23/2023 0:57	Subtransmission	None	TRK 2931			WIND
2/27/2023 15:58	3/3/2023 6:16	Subtransmission	None	TIE 3416			WIND
3/3/2023 17:57	3/5/2023 2:21	Subtransmission	None	TRK 5510			WIND
3/4/2023 2:39	3/4/2023 13:08	Subtransmission	Circuit Level	TIE 807	1	846	WIND
7/18/2023 16:24	7/22/2023 6:28	Subtransmission	None	TRK 1610			WIND
7/28/2023 16:59	7/29/2023 8:31	Subtransmission	Subtransmission	TRK 1340	103	247550	WIND
8/24/2023 23:04	8/25/2023 18:19	Subtransmission	None	TIE 1473			WIND
8/24/2023 23:20	8/25/2023 16:27	Subtransmission	None	TIE 3705			WIND
8/25/2023 2:44	8/29/2023 1:15	Subtransmission	None	TRK 1340			WIND
8/25/2023 3:08	8/29/2023 10:19	Subtransmission	None	TIE 2621			WIND
8/28/2023 8:23	9/4/2023 18:27	Subtransmission	None	TIE 1473			WIND
10/14/2023 9:13	10/15/2023 15:39	Subtransmission	None	TRK 3543			WIND
11/30/2023 11:50	12/3/2023 9:05	Subtransmission	None	TIE 226			WIND
3/26/2021 4:05	3/26/2021 14:57	Subtransmission	None	TRK 4301			EQUIPMENT FAILURE

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Question: 8. Refer to Kryscynski direct, p. 61, lines 4-8:
a. Produce the detailed analyses based on historical data, engineering assessments, and field feedback that were used to quantify each investment's benefits within each impact dimension (to the extent different than the assessments requested in the prior question), including workpapers and source documents.

Answer: DTE Electric objects to the request for the reasons that the request is overly broad, seeks excessive detail, seeks confidential, proprietary research, or commercial information belonging to DTE Electric, the disclosure of which would cause DTE Electric and its customers competitive or commercial harm, seeks information involving Cyber Security, CEII (either critical energy infrastructure information or critical electric infrastructure information), North American Electric Reliability Corporation (NERC) NERC-CIP (including but not limited to BES Cyber Asset information subject to protection under the Information Protection Program pursuant to NERC Reliability Standards CIP-003-6 and CIP-011-2), Supervisory Control and Data Acquisition (SCADA), confidential Midcontinent Independent System Operation (MISO) and ITC Holdings Corp and/or its affiliate companies' information in the possession of DTE Electric, U.S. export control laws and regulations, including but not limited to 10 C.F.R. Part 810 et. seq., or 10 CFR Part 2.390.

Subject to and without waiving this objection the following documents have been designated as containing Critical Energy Infrastructure Information or Critical Electric Infrastructure Information and are being provided subject to the protective order in this case as they include information about DTE Electric's system or assets, whether physical or virtual, the incapacity or destruction of which would negatively affect national security, economic security, public health or safety, or any combination of such matters:

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1. DTE Electric's unredacted GPM
2. DTE Electric's Load Relief Model, which will be made available for review on a read-only portal Link:
<https://dteenergy.sharepoint.com/sites/DiscoveryPortal/Elec/21534CEII/Documents/Forms/AllItems.aspx>
3. DTE Electric's Substation Risk Model, which will be made available for virtual review at a mutually agreeable time.

Please also see WP AJK U-21534 (the Company's Reliability Model), which is an input to the GPM.

A summary of the data and impact dimensions is provided in the table below.

Impact Dimension	Analysis and data provided to quantify benefits
Reduce Electrical Hazards	The full version of the GPM, which is being provided under the protective order, contains historical wiredown information, and the assessed benefit for any projects that will reduce the frequency of wiredowns.
Overload Relief	As stated above, DTEE's Load Relief Model is being provided under the protective order. This Excel file contains the underlying historical loading data and assessment of Overload Relief provided by proposed projects.
SAIDI SAIFI	The GPM workpaper contains historical circuit level reliability data (both SAIDI and SAIFI) and the assessment of the reduction of SAIDI and SAIFI that projects evaluated in the GPM will deliver.
Regulatory Compliance	The GPM workpaper scores two investments as being applicable for a Regulatory Compliance Score: PTMM and CEMI.
Major Event Risk	While the overall Major Event Risk scores are provided in the GPM workpaper, DTEE's underlying substation risk model is discussed below.
Capacity Relief	As stated above, DTEE's Load Relief Model is being provided under the protective order. This Excel file contains the underlying historical loading data and assessment of Capacity Relief provided by proposed projects.

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Impact Dimension	Analysis and data provided to quantify benefits
Investment in EJ Communities	The calculations for this impact dimension, which is a count of customers in census tract with MiEJScreen score above 80 impact by a project, divided by total customer impacted by a project, multiplied by 100, are provided in the GPM workpaper.
O&M Avoidance	The GPM workpaper contains historical circuit level event volume and the assessed reduction in event volume by project or program, which is the basis for O&M Avoidance. The GPM workpaper also contains the calculations for avoided Tree Trim, which contributes to avoided O&M.
Capital Avoidance	The GPM workpaper contains historical circuit level event volume and the assessed reduction in event volume by project or program, which is the basis for Capital Avoidance.

Attachment: NDA CEII U-21534 MNSCDE-1.8a GPM
NDA CEII U-21534 MNSCDE-1.8a DTEE Load Relief Model

GPM Rank	GSN Project	Project/Program Name	A12 Tab	A12 Line Number	Capital Investment (\$)	Reduce Electrical Hazard	Overload Relief	Capacity Relief	Regulatory Compliance	Investment in EIS components	Major Event Risk	SAIDI	SAIFI	GBM Avoidance	Capital Avoidance	Total Score	Reduce Electrical Hazard Checked	Overload Relief Checked	Capacity Relief Checked	Regulatory Compliance Checked	Investment in EIS components Checked	Major Event Risk Checked	SAIDI Checked	SAIFI Checked	GBM Avoidance Checked	Capital Avoidance Checked
1	2005 ADMS: OMS/OMS		A-12 B5.4 Tech	3	91,844,058			0	0	0	53	233	752	277	7	85	1,407									
2	2008 Pole and Pole Top Maintenance and Modernization (PTMM)		A-12 B5.4 Resilience	13	735,450,000	65	0	0	0	200	53	0	291	333	166	132	1,260	x			x	x	x	x	x	x
3	2007 Frequent Outage Program (CEM)		A-12 B5.4 Resilience	15	48,049,745	0	0	0	0	200	53	0	334	367	97	77	1,128				x	x	x	x	x	x
4	20201014 Subtransmission Redesign & Rebuild: Trk 1568		A-12 B5.4 Redesign	16	5	723,145	0	442	448	0	0	108	0	0	0	0	998		x	x						
5	1015 40 KV Automatic Pole Top Switch		A-12 B5.4 Redesign	20	5	31,800,000	0	0	0	0	53	0	356	416	0	48	873				x	x	x	x	x	x
6	20201031 4.8 KV CC: Hawthorne Relief and Circuit Conversion		A-12 B5.4 Redesign	47	5	94,029,812	230	9	8	0	24	19	146	125	191	97	848	x	x	x	x	x	x	x	x	x
7	2001 4.8 KV Hardening		A-12 B5.4 Redesign	12	5	259,000,000	125	0	0	0	173	0	75	126	146	116	761	x	x		x	x	x	x	x	x
8	20191015 CDD: Charlotte Network Upgrade		A-12 B5.4 Redesign	38	5	76,879,246	588	3	2	0	119	20	0	0	0	0	732	x	x	x	x	x				
9	2017 Distribution Automation		A-12 B5.4 Tech	2	5	1,162,788,221	286	0	0	0	53	0	208	138	0	0	685	x				x	x			
10	20191069 Subtransmission Redesign & Rebuild: Trunk 2237-ST		A-12 B5.4 Redesign	9	5	1,533,072	0	417	211	0	0	0	0	0	0	0	628		x	x						
11	20191016 CDD: Garfield Network Upgrade		A-12 B5.4 Redesign	81	5	171,851,783	367	4	1	0	179	24	4	4	9	3	596	x	x	x	x	x	x	x	x	x
12	20202023 Subtransmission Redesign & Rebuild: Trunk 7105		Planned for IRM	5	5	2,647,505	0	302	130	0	0	0	0	0	0	0	554			x	x					
13	20191042 Substation Risk: Savage		A-12 B5.4 Resilience	5	5	2,631,389	0	0	0	0	0	532	0	0	0	0	532						x			
14	20191067 Subtransmission Redesign & Rebuild: Trunk 7106		A-12 B5.4 Redesign	7	5	2,667,402	0	300	197	0	0	0	0	0	0	0	497		x	x						
15	2029 4.8 KV CC: ISO Conversion Program		A-12 B5.4 Redesign	87	5	25,350,000	130	0	0	0	81	0	70	0	100	80	461	x			x	x			x	x
16	20230006 4.8 KV CC: Zenon Circuit Conversion Phase 2		A-12 B5.4 Redesign	83	5	155,800,000	71	0	1	0	195	0	30	36	59	25	417	x		x	x	x	x	x	x	x
17	20201046 Subtransmission Redesign & Rebuild: Trunk 2419		Planned for IRM	5	5	3,267,267	0	196	50	0	165	0	0	0	0	0	410									
18	20191019 CDD: Howard Decommission		A-12 B5.4 Redesign	36	5	115,099,345	213	3	1	0	174	3	0	2	2	1	401	x	x	x	x	x	x	x	x	x
19	20191034 4.8 KV CC: McKinstry Sub Decommission		A-12 B5.4 Redesign	43	5	4,001,399	0	0	0	0	0	0	0	0	0	0	372									
20	20191005 Substation Risk: Port Huron		A-12 B5.4 Resilience	7	5	7,093,864	0	0	0	0	0	351	0	0	0	0	351					x				
21	20191																									

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68	20201064 4-BV CC: Rochester Decommissioning and Tenken Relief	Planned for IRM	5	47,790,000	25	3	2	0	0	0	6	26	11	16	8	97	x	x	x	x	x	x	x
69	20191039 System Loading: Jewett	A-12 BS & Resilience	100	5	45,484,280	8	8	12	0	0	0	26	17	13	9	4	95	x	x	x	x	x	x
70	20230028 Subtransmission Redesign & Rebuild: Tie 3705	Planned for IRM	5	8,942,888	0	94	0	0	0	0	0	0	0	0	0	0	94	x					
71	20230007 4-BV CC: SCOTN	A-12 BS & Redesign	52	5	2,975,622	0	0	0	0	0	0	0	0	0	0	91	0	91					
72	20201021 4-B VV CC: Calla Circuit Conversion and Phase 2	A-12 BS & Redesign	84	5	11,804,072	0	0	21	0	0	0	0	11	15	15	36	6	89			x	x	
73	20201015 Subtransmission Redesign & Rebuild: Tie 6602	Planned for IRM	5	6,000,238	1	0	27	0	0	0	0	6	8	40	3	84	x		x		x	x	
74	20241002 Substation Risk: Sewille	A-12 BS & Resilience	35	5	4,909,000	0	0	4	0	0	0	79	0	0	0	0	83			x			
75	20191068 Subtransmission Redesign & Rebuild: Trunk 4245	A-12 BS & Redesign	75	5	12,744,727	0	0	54	0	0	22	6	0	0	0	0	82			x	x		
76	20201016 Subtransmission Redesign & Rebuild: Trunk 4266	A-12 BS & Redesign	19	5	8,897,277	0	0	18	0	2	61	0	0	0	0	0	81			x			
77	20201060 System Loading: Macomb/Golf	A-12 BS & Redesign	97	5	37,871,153	2	15	25	0	0	0	7	18	5	3	75	x	x	x	x	x	x	
78	20191074 CDO: Cartown Substation	A-12 BS & Redesign	30	5	18,512,911	0	0	12	0	0	0	63	0	0	0	0	75	x	x	x			
79	20201004 Subtransmission Redesign & Rebuild: Badax Transformer 102 Addition	A-12 BS & Redesign	74	5	11,637,905	0	17	56	0	0	0	0	0	0	0	0	73	x		x			
80	20230050 Station Upgrade: Northeast (Relay Replacement)	A-12 BS & Resilience	24	5	19,888,076	0	0	0	0	0	0	0	0	0	72	0	72						
81	20231001 Substation Risk: Hood	A-12 BS & Resilience	26	5	8,145,117	0	0	0	0	0	70	0	0	0	0	0	70						
82	20201001 System Loading: Globe	A-12 BS & Redesign	63	5	2,903,000	0	0	63	0	0	0	0	0	0	3	2	68			x			
83	20201024 System Loading: Richmond/Armada	A-12 BS & Redesign	94	5	54,095,999	1	4	5	0	0	37	4	5	8	2	66	x	x	x	x	x	x	
84	20201006 Subtransmission Redesign & Rebuild: Derby	Planned for IRM	5	8,847,165	0	23	41	0	0	0	0	0	0	0	0	64			x	x			
85	20201018 Subtransmission Redesign & Rebuild: Trunk 4911	A-12 BS & Redesign	76	5	26,471,265	0	38	12	0	0	0	0	0	13	0	63			x	x			
86	20191077 System Loading: Diamond	A-12 BS & Redesign	104	5	3,983,877	0	0	61	0	0	0	0	0	0	0	0	61			x			
87	20241009 System Loading: Kings Point	A-12 BS & Redesign	110	5	84,170,796	5	12	14	0	15	0	4	4	0	3	2	60	x	x	x	x	x	x
88	20191063 Subtransmission Redesign & Rebuild: Cutler Republic	A-12 BS & Redesign	77	5	1,814,728	0	0	0	0	0	60	0	0	0	0	0	60	x			x	x	
89	2021 Subtransmission Redesign & Rebuild: Thumb Electric Fault Isolation	Planned for IRM	5	1,183,107	0	0	0	0	0	0	0	0	0	0	58	58							
90	20191001 System Loading: Port Sanitac	A-12 BS & Redesign	93	5	85,321,374	9	2	1	0	0	0	19	18	6	3	58	x	x	x		x	x	
91	20191045 System Loading: Carleton	A-12 BS & Redesign	58	5	4,201,354	0	48	10	0	0	0	0	0	0	0	0	57	x		x			
92	20201027 Subtransmission Breaker Short Circuit Violations	A-12 BS & Redesign	22	5	4,575,933	0	0	0	0	53	0	0	0	0	0	0	53						
93	20241011 4-B VV CC: Unionville DC 301 B1 Conversion	A-12 BS & Redesign	56	5	2,953,167	12	0	0	0	0	0	6	11	17	6	52	x			x	x	x	
94	20230012 4-BV CC: Pittsfield Substation and Circuit Conversion	Planned for IRM	5	65,820,138	0	0	1	0	0	0	0	0	0	0	21	8	50			x			
95	20191075 4-B VV CC: Almost Relief and Circuit Conversion (Midax)	A-12 BS & Redesign	41	5	30,730,922	2	0	6	0	0	28	5	3	4	1	50	x		x		x	x	
96	20201057 System Loading: Grenada	A-12 BS & Redesign	98	5	67,510,600	4	0	2	0	0	0	11	8	19	3	48	x		x		x	x	
97	20231016 System Loading: New Baltimore/Cheserfield	A-12 BS & Redesign	109	5	46,591,044	11	6	10	0	0	0	3	3	8	4	45	x	x	x		x	x	
98	20230014 System Loading: Tahoe	A-12 BS & Redesign	108	5	7,519,720	0	0	43	0	0	0	0	0	0	0	0	43			x			
99	20191080 System Loading: Lark/Spruce	A-12 BS & Redesign	99	5	10,696,321	2	0	9	0	0	0	6	6	16	3	42	x		x	x	x	x	
100	20201058 4-B VV CC: Unionville Decommissioning and Circuit Conversion	Planned for IRM	5	21,168,712	3	19	5	0	0	0	2	3	3	6	2	41	x	x	x		x	x	
101	20241003 Substation Risk: Imley	A-12 BS & Resilience	36	5	38,766,721	13	0	3	0	0	0	0	0	0	17	6	39	x		x			
102	20201063 System Loading: Disco	A-12 BS & Redesign	107	5	5,146,388	0	16	24	0	0	0	0	0	0	0	0	39			x	x		
103	20191036 System Loading: Wilcox	A-12 BS & Redesign	103	5	65,432,875	0	2	6	0	0	20	3	3	3	2	1	38			x	x	x	
104	20191057 Subtransmission Redesign & Rebuild: Tie 7504	A-12 BS & Redesign	67	5	38,318,301	3	5	10	0	0	0	2	3	14	1	38	x	x	x	x	x	x	
105	20191055 Subtransmission Redesign & Rebuild: Tie 810	A-12 BS & Redesign	66	5	83,331,406	2	2	6	0	0	0	4	5	14	2	35	x	x	x		x	x	
106	20191056 Subtransmission Redesign & Rebuild: Tie 4105	A-12 BS & Redesign	13	5	78,990,459	2	0	0	0	0	0	6	10	16	1	34	x			x	x	x	
107	20201035 Subtransmission Redesign & Rebuild: Storum	A-12 BS & Redesign	23	5	572,879	0	0	0	0	0	0	0	0	0	33	0	33						
108	20230024 Subtransmission Redesign & Rebuild: Tie 5208	Planned for IRM	5	12,213,084	0	26	7	0	0	0	0	0	0	0	0	0	33			x			
109	20191041 System Loading: Goodison	A-12 BS & Redesign	102	5	18,125,405	0	9	16	0	0	0	2	2	2	2	1	32	x	x	x	x	x	
110	20230053 4-B VV CC: GRFIN & WMS7N Conversions	A-12 BS & Redesign	51	5	14,727,443	0	0	1	0	0	0	0	0	0	27	3	31						
111	20191040 4-B VV CC: White Lake Decommissioning and Circuit Conversion	A-12 BS & Redesign	89	5	40,400,000	4	7	4	0	0	0	4	4	6	2	31	x	x	x		x	x	
112	20230048 Station Upgrade: Lincoln	A-12 BS & Resilience	29	5	9,835,596	0	0	0	0	30	0	0	0	0	0	0	30						
113	20191059 Subtransmission Redesign & Rebuild: Tie 4104	A-12 BS & Redesign	73	5	36,624,495	2	0	0	0	0	0	4	4	17	1	29	x		x	x	x	x	
114	20230021 4-B VV CC: Pinegrove Substation Relocation and Conversion	A-12 BS & Redesign	45	5	80,881,749	8	0	0	0	0	0	7	5	4	3	27	x		x	x	x	x	
115	20191038 System Loading: Sterling	A-12 BS & Redesign	106	5	10,882,978	0	0	7	0	0	0	4	8	5	3	27			x	x	x	x	
116	20191004 System Loading: Brown City	A-12 BS & Redesign	92	5	84,509,290	2	13	6	0	0	0	0	2	3	1	27	x	x	x	x			
117	20191013 CDO: Midtown Substation Expansion	A-12 BS & Redesign	34	5	14,421,842	0	6	21	0	0	0	0	0	0	0	0	27			x	x		
118	20201003 System Loading: Mayville	A-12 BS & Redesign	101	5	23,807,623	1	10	7	0	0	0	1	1	2	1	23	x	x	x	x	x	x	
119	20191008 4-B VV CC: Lapeer - Elba Expansion and Circuit Conversion (Apollo)	A-12 BS & Redesign	85	5	69,402,541	2	5	4	0	0	0	3	3	4	1	23	x	x	x		x	x	
120	20230025 Subtransmission Redesign & Rebuild: Trunk 4601	Planned for IRM	5	32,234,935	0	6	16	0	0	0	0	0	0	0	0	23			x	x			
121	20201062 System Loading: Onego/Capac/Shaw	A-12 BS & Redesign	96	5	191,853,771	0	2	2	0	0	0	3	5	9	2	22			x	x	x	x	
122	20191028 CDO: CATO Substation Expansion	A-12 BS & Redesign	79	5	41,541,157	0	13	7	0	0	0	0	0	0	0	0	21			x	x		
123	20201034 Subtransmission Redesign & Rebuild: Pigeon Area Improvement	Planned for IRM	5	51,007,908	0	4	6	0	0	0	0	0	0	9	0	19			x	x			
124	20191030 System Loading: Cody	A-12 BS & Redesign	95	5	71,600,000	0	6	7	0	0	0	1	2	2	1	19			x	x		x	
125	20201040 Subtransmission Redesign & Rebuild: Tie 3205	A-12 BS & Redesign	71	5	53,037,411	2	0	0	0	0	0	0	0	0	13	0	16	x			x	x	
126	20201032 Subtransmission Redesign & Rebuild: STP56	Planned for IRM	5	432,915	0	0	0	0	0	0	0	0	0	13	0	13							
127	20201002 4-B VV CC: Quincy Conversion	A-12 BS & Redesign	44	5	5,403,456	2	0	0	0	0	0	2	1	5	1	10	x				x	x	
128	20201065 System Loading: Spokane/Tenaca	A-12 BS & Redesign	105	5	39,085,914	0	0	10	0	0	0	0	0	0	0	0	10						
129	20201022 Ann Arbor System Improvements	A-12 BS & Redesign	2	5	110,578,343	0	0	1	0	0	1	0	0	1	0	2			x				
130	20230045 4-B VV CC: Ann Arbor AC Network Conversion	Planned for IRM	5	44,237,706	0	0	0	0	0	0	0	0	0	0	0	0	x			x			
131	20230047 4-B VV CC: Power line Conversion of MADSEN 1751-W	A-12 BS & Redesign	50	5	685,201	0	0	0	0	0	0	0	0	0	0	0	0	x		x	x	x	
132	20230044 Substation Risk: Voyager	A-12 BS & Resilience	10	5	202,280	0	0	0	0	0	0	0	0	0	0	0	0			x	x	x	
133	20230043 Subtransmission Redesign & Rebuild: Maxwell Amherst	A-12 BS & Redesign	6	5	9,560,912	0	0	0	0	0	0	0	0	0	0	0	0	x					
134	20230036 Subtransmission Redesign & Rebuild: Small Projects & Reserve	A-12 BS & Redesign	21	5	2,812,000	0	0	0	0	0	0	0	0	0	0	0	0			x			
135	20230031 Subtransmission Redesign & Rebuild: Tempest Phase II	Planned for IRM	5	8,352,729	0	0	0	0	0	0	0	0	0	0	0	0	0	x			x		
136	20230030 Subtransmission Redesign & Rebuild: Praxair	A-12 BS & Redesign	20	5	2,554,617	0	0	0	0	0	0	0	0	0	0	0	0				x	x	
137	20230008 4-B VV CC: Crestwood Substation	A-12 BS & Redesign	48	5	665,152	0	0	0	0	0	0	0	0	0	0	0	0						
138	20201030 Subtransmission Redesign & Rebuild: Mohican	Planned for IRM	5	625,926	0	0	0	0	0	0	0	0	0	0	0	0	0	x					

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-5.4a

Respondent: S. Deol

Page: 1 of 1

- Question:** 4. Refer to U-21534 Testimony - Part 1 S. S. DEOL Page SSD-52, line 9 which states: “Additionally, rebuilding the subtransmission system will also remove aging equipment reducing the probability of equipment failures.”
- a. Please provide the “probability of equipment failures” for each subtransmission line included in the referenced statement. Please include all calculations, workpapers, data used, and data sources.

Answer: DTE Electric objects to the request for the reasons that the request is overly broad, seeks excessive detail, seeks confidential, proprietary research, or commercial information belonging to DTE Electric, the disclosure of which would cause DTE Electric and its customers competitive or commercial harm, seeks information involving Cyber Security, CEII (either critical energy infrastructure information or critical electric infrastructure information), North American Electric Reliability Corporation (NERC) NERC-CIP (including but not limited to BES Cyber Asset information subject to protection under the Information Protection Program pursuant to NERC Reliability Standards CIP-003-6 and CIP-011-2), Supervisory Control and Data Acquisition (SCADA), confidential Midcontinent Independent System Operation (MISO) and ITC Holdings Corp and/or its affiliate companies’ information in the possession of DTE Electric, U.S. export control laws and regulations, including but not limited to 10 C.F.R. Part 810 et. seq., or 10 CFR Part 2.390 and is otherwise not reasonably calculated to lead to the discovery of admissible evidence. Subject to this objection and without waiver thereof, the Company would answer as follows:

Equipment life expectancy is shown in Exhibit 4.3.1.1 Asset Age Summary in Exhibit A-23 Schedule M8.

Additional information is provided in the subtransmission redesign and rebuild projects in Exhibit A-23 Schedule M6.

Attachment: None

Co-respondent: Legal

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-5.4b

Respondent: S. Deol

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- Question:** 4. Refer to U-21534 Testimony - Part 1 S. S. DEOL Page SSD-52, line 9 which states: "Additionally, rebuilding the subtransmission system will also remove aging equipment reducing the probability of equipment failures."
- b. For each subtransmission line proposed for rebuild, provide the probability of equipment failures before the rebuild and the estimated probability of equipment failures after the rebuild. Please include all calculations, workpapers, data used, and data sources.

Answer: See response to MNSCDE5.4a.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-5.4c

Respondent: S. Deol

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- Question:** 4. Refer to U-21534 Testimony - Part 1 S. S. DEOL Page SSD-52, line 9 which states: "Additionally, rebuilding the subtransmission system will also remove aging equipment reducing the probability of equipment failures."
- c. For each subtransmission line proposed for rebuild, estimate the consequences of associated equipment failures in dollars. :

Answer: See response to MNSCDE5.4a.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.5a

Respondent: J. Kryscynski

Page: 1 of 2

- Question:** 5. Refer to Mr. Kryscynski's testimony at page 56, which states "The engineering team evaluates alternatives to meet the system needs and selects the best project or program to move forward. If necessary, a BCA takes place as part of the engineering process to select the best option. The solution which is selected to move forward is scored in the GPM for prioritization." Refer also to NDA U-21534 MNSCDE-1.8a GPM CONFIDENTIAL, which provides GPM scores for 138 different projects in tab "GPM Results".
- a. Provide every benefit-cost analyses completed on any of these particular 138 projects. Please also provide any alternatives to these 138 projects that were considered.

Answer: The Company has performed two benefit-cost analyses, one for PTMM and one for strategic undergrounding, which were provided in MNSC3.10b.

The Company has also provided a provided a prioritization model for Distribution Automation in MNSCDE-12.13 which is not a cost-benefit model but does use costs and benefits as a part of prioritization.

A summary of alternatives considered for many of 138 programs and projects listed in the GPM are provided in the attachment MNSCDE-8.5a Project Alternatives.

While some projects may not have specific alternatives listed in this attachment, alternatives were likely considered during the early phases of the engineering process. During initial planning stages of large projects, multiple design options are often explored as different engineering groups collaborate to brainstorm high-level solutions. An initial set of solutions will be narrowed down if some solutions are determined to be unsuitable for reasons such as, but not limited to, the following:

- Does not adhere to DTE engineering standards and practices
- Availability or lead time of equipment is too long
- An extended outage duration is required to complete project
- Alternative is overly complex and not markedly better than other options

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.5a

Respondent: J. Kryscynski

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In the early stages of project development, alternatives are often not documented because of the high number of proposed solutions and the ability to dismiss some alternatives without significant engineering analysis. Initial engineering investigations narrow down the high number of proposed alternatives to a select few or sometimes single project scope to be further reviewed.

Even if no suitable alternative solution is developed, the proposed solution is reviewed by subject matter experts to confirm that the solution is the best engineering solution to the problem and a reasonable and prudent use of capital funds.

Attachment: U-21534 MNSCDE-8.5a-01 Project Alternatives

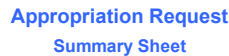
GPM Results - Ranked and Sorted

138				
GPM Ranking	GPM Project ID	Project/Program Name	A12 Tab	Alternatives
1	2005	ADMS: DMS/OMS	A-12 B5.4 Tech	
2	2008	Pole and Pole Top Maintenance and Modernization (PTMM)	A-12 B5.4 Resilience	
3	2007	Frequent Outage Program (CEMI)	A-12 B5.4 Resilience	
4	20201014	Subtransmission Redesign & Rebuild: Tie 1568	A-12 B5.4 Redesign	1. Increase amount of load blocked: Adjust setting at CROWN substation.
5	1015	40 kV: Automatic Pole Top Switch	A-12 B5.4 Resilience	
6	20201053	4.8 kV CC: Hawthorne Relief and Circuit Conversion	A-12 B5.4 Redesign	
7	2001	4.8 kV Hardening	A-12 B5.4 Resilience	
8	20191015	CODI: Charlotte Network Upgrade	A-12 B5.4 Redesign	1. Eliminate AC Network and convert to radial system 2. Rebuild existing system at 4.8kV with direct replacements
9	2017	Distribution Automation	A-12 B5.4 Tech	
10	20191069	Subtransmission Redesign & Rebuild: Trunk 2237-ST	A-12 B5.4 Redesign	
11	20191016	CODI: Garfield Network Upgrade	A-12 B5.4 Redesign	1. Converting to a below grade vault-based system was investigated at the start of the CODI initiative. Peer utility visits were conducted, and analysis was completed comparing cost, operability, and impact on the project schedule
12	20230023	Subtransmission Redesign & Rebuild: Trunk 7105	Planned for IRM	
13	20191042	Substation Risk: Savage	A-12 B5.4 Resilience	1. Build a new substation which was not adopted as footprint was not available. 1. Parallel existing cables with new cables 2. Replace existing cables for only a segment of the line
14	20191067	Subtransmission Redesign & Rebuild: Trunk 7106	A-12 B5.4 Redesign	
15	2029	4.8 kV CC: ISO Conversion Program	A-12 B5.4 Redesign	
16	20230006	4.8 kV CC: Zenon Circuit Conversion Phase 2	A-12 B5.4 Redesign	
17	20201046	Subtransmission Redesign & Rebuild: Trunk 2419	Planned for IRM	
18	20191019	CODI: Howard Conversion	A-12 B5.4 Redesign	1. Eliminate AC Network and convert to radial system. 2. Rebuild existing system at 4.8kV with direct replacements
19	20191034	4.8 kV CC: McKinstry Sub Decommission	A-12 B5.4 Redesign	
20	20191005	Substation Risk: Port Huron	A-12 B5.4 Resilience	1. Transfer all load from PTHUR to Surrounding Substations. 2. Install Switchgear/Reclosers Outside 3. Install new Breakers in Basement of Building 4. Decommission PTHUR and Build a new 13.2kV Substation at a new site 5. Install 9 position indoor switchgear and maintain existing circuit configurations 1. Replace / update 8.3kV substation equipment which was not adopted as voltage class is not compatible with DTE inventory.
21	20191082	8.3 kV CC: Pontiac Overhead/Underground Conversion	A-12 B5.4 Redesign	
22	20191025	4.8 kV CC: Grosse Pointe Substation and Circuit Conversion	Planned for IRM	
23	20191065	Subtransmission Redesign & Rebuild: Trunk 2255	A-12 B5.4 Redesign	
24	20230020	4.8kV CC: Barber Substation and Circuit Conversion	Planned for IRM	1. Property close to existing BUNRT substation was considered, however properties environmental and survey results proved this site less than ideal
25	20231006	Subtransmission Redesign & Rebuild - Trunk 2448	Planned for IRM	
26	2035	CODI: Targeted Network Secondary Cable Replacement	A-12 B5.4 Redesign	
27	20191012	4.8 kV CC: I-94 Substation and Circuit Conversion (Promenade)	A-12 B5.4 Redesign	
28	20191079	Substation Risk: Chestnut	A-12 B5.4 Resilience	
29	2003	Cable Replacement Program	A-12 B5.4 Resilience	
30	20231004	Subtransmission Redesign & Rebuild: Trunk 1444	Planned for IRM	
31	20191023	CODI: Islandview Substation	A-12 B5.4 Redesign	
32	20230052	Subtransmission Redesign & Rebuild: Tie 3416 Reconductoring	Planned for IRM	
33	20201026	Subtransmission Redesign & Rebuild: Bernard	Planned for IRM	1. Reconductor all of tie 3220 to correct voltage issues. This would be a significantly greater scope and cost.
34	20191017	CODI: Kent/Gibson Conversion	A-12 B5.4 Redesign	
35	20230027	Subtransmission Redesign & Rebuild: Trunk 7386	Planned for IRM	
36	2004	URD Replacement Program	A-12 B5.4 Resilience	
37	20191066	Subtransmission Redesign & Rebuild: Trunk 7333	A-12 B5.4 Redesign	1. Replace existing cable of 7333T line.
38	20191014	CODI: Alfred Substation Expansion	A-12 B5.4 Redesign	1. Build a new 13.2kV substation and transfer load from Midtown 1. Parallel existing cable with new cable
39	20201012	Subtransmission Redesign & Rebuild: Trunk 4217	A-12 B5.4 Redesign	
40	20191037	4.8 kV CC: Birmingham Decommissioning and Circuit Conversion	A-12 B5.4 Redesign	
41	20201007	Subtransmission Redesign & Rebuild: Trunk 2455	Planned for IRM	1. Replacing underground cable with overhead cables 2. Reroute cables around conduit crossing at M-10/8-mile
42	20230029	Subtransmission Redesign & Rebuild: Hurst	Planned for IRM	
43	20230005	4.8 kV CC: Cortland / Oakman / Linwood Consolidation	A-12 B5.4 Redesign	1. Like for like replacement of aging infrastructure at 4.8kV & 24kV (rejected due to benefits of consolidation)
44	20191070	Subtransmission Redesign & Rebuild: Tie 6907	Planned for IRM	1. Relocate portions of circuit to underground 2. Decommission TRK 6941 and reroute as TIE 6907
45	20230042	Subtransmission Redesign & Rebuild: Cortland Station Expansion	A-12 B5.4 Redesign	
46	2002	Breaker Replacement Program	A-12 B5.4 Resilience	
47	20230011	Substation Risk: McGraw	A-12 B5.4 Resilience	1. Change source side of station from 40kV to 120kV 2. Convert distribution side to 13.2kV 3. Construct new 120/13.2kV substation 1. Construct class T substation on existing property 2. Construct Class A substation on existing property
48	20201054	4.8 kV CC: Belleville Substation and Circuit Conversion	Planned for IRM	
49	20191062	Subtransmission Redesign & Rebuild: Sandusky Transformer 101 Breaker	A-12 B5.4 Redesign	1. Add section breaker to reduce outage window

50	20230033	Subtransmission Redesign & Rebuild: Waterman	Planned for IRM	
51	20191044	4.8 kV CC: Buckler Circuit Conversion	A-12 B5.4 Redesign	1. Keeping ARGO Substation and the circuits at 4.8kV
52	20230004	4.8 kV CC: MAUME 8241 Downtown Clawson Conversion	A-12 B5.4 Redesign	
53	20201050	Subtransmission Redesign & Rebuild: Trunk 3546	Planned for IRM	
54	20201011	Subtransmission Redesign & Rebuild: Trunk 3509	A-12 B5.4 Redesign	1. Replace section of TRK 3509 cable
55	20230026	Subtransmission Redesign & Rebuild: Oak Beach Capacitor	A-12 B5.4 Redesign	
56	20230019	4.8kV CC: Yale-Slater Decommissioning and Circuit Conversion	Planned for IRM	1. Upgrade existing YALE and SLATR substations 2. Installing an STDF substation at YALE
57	20241001	Substation Risk: Savage Switchgear Replacement	A-12 B5.4 Resilience	1. Construct new substation
58	20191024	4.8 kV CC: Royal Oak Substation and Circuit Conversion	Planned for IRM	
59	20230049	Station Upgrade: Navarre	A-12 B5.4 Resilience	
60	20191029	Substation Risk: Apache	A-12 B5.4 Resilience	1. Construct new substation
61	20230062	Station Upgrade: Warren (Relay Replacement)	A-12 B5.4 Resilience	
62	20191058	Subtransmission Redesign & Rebuild: Boyne	A-12 B5.4 Redesign	1. Non wire alternative – New 5MW Solar or Battery generation at Selfridge 2. Reconductor TRK 7909 only
63	20230013	4.8kV CC: Hemlock Decommissioning and Circuit Conversion	A-12 B5.4 Redesign	1. Decommission neighboring substations - SPRUC, and PDMNT. 2. Acquire property between HEMLK and JAKSN for new substation
64	20230054	4.8 kV CC: Hilton Substation and Circuit Conversion	A-12 B5.4 Redesign	
65	20201013	Subtransmission Redesign & Rebuild: Trunk 2308	A-12 B5.4 Redesign	1. Adjust blocking setting at Benson Substation resulting in more load shed.
66	20230016	Substation Risk: Belleville Switchgear Decommission	A-12 B5.4 Resilience	1. Replace Switchgear, rejected due to increased cost and goal to convert area to 13.2kV. 2. Replace TRF #1 with 13.2kV transformer and convert portions of 4.8kV circuits to 13.2kV
67	20230037	Subtransmission Redesign & Rebuild: 40kV Capacitor Banks at Armada and Adair	A-12 B5.4 Redesign	
68	20201064	4.8kV CC: Rochester Decommissioning and Tienken Relief	Planned for IRM	
69	20191039	System Loading: Jewell	A-12 B5.4 Redesign	1. Load transfers to Washington substation 2. Not enough capacity to utilize spare positions at Jewell substation. 3. Evaluated for Non Wire Alternatives. was determined not to be a candidate.
70	20230028	Subtransmission Redesign & Rebuild: Tie 3705	Planned for IRM	
71	20230007	4.8kV CC: SCOTN	A-12 B5.4 Redesign	1. EPPM to replace all (36) breakers at SCOTN substation with no circuit level work
72	20201021	4.8 kV CC: Calla Circuit Conversion and Phase 2	A-12 B5.4 Redesign	1. Pole top maintenance and/or line clearance
73	20201015	Subtransmission Redesign & Rebuild: Tie 6602	Planned for IRM	
74	20241002	Substation Risk: Seville	A-12 B5.4 Resilience	1. Do nothing. Rejected since the circuits are in an abnormal configuration putting increased risk on other circuits/substations.
75	20191068	Subtransmission Redesign & Rebuild: Trunk 4245	A-12 B5.4 Redesign	1. Alternative routes were considered that would result in more cable and conduit 2. Only replace the two sections("D" & "G") of cable which are over emergency ratings 2. Installing 650 EPR for all cable replacements
76	20201016	Subtransmission Redesign & Rebuild: Trunk 4266	A-12 B5.4 Redesign	
77	20201060	System Loading: Macomb/Golf	A-12 B5.4 Redesign	1. MEDNA New Split Double Bus Class A Sub conversion 2. Evaluated for Non Wire Alternatives. was determined not to be a candidate.
78	20191074	CODI: Corktown Substation	A-12 B5.4 Redesign	
79	20201004	Subtransmission Redesign & Rebuild: Badax Transformer 102 Addition	A-12 B5.4 Redesign	
80	20230050	Station Upgrade: Northeast (Relay Replacement)	A-12 B5.4 Resilience	
81	20231001	Substation Risk: Hood	A-12 B5.4 Resilience	1. Construct new substation 1. Build new STDF substation at Globe
82	20201001	System Loading: Globe	A-12 B5.4 Redesign	2. Replace 2.5 MVA Transformer with 7.5MVA Transformer (New Class T Sub) 3. Install a Skid-mount Substation or Class R at the recent acquired property 4. Evaluated Non Wire Alternative (NWA) options either thru EWR or install a battery unit.
83	20201024	System Loading: Richmond/Armada	A-12 B5.4 Redesign	1. Install a new class A substation at new GRAMER station site 2. Richmond substation upgrade project is not a potential NWA candidate 3. Evaluated for Non Wire Alternatives. was determined not to be a candidate.
84	20201006	Subtransmission Redesign & Rebuild: Derby	Planned for IRM	1. Reconductor all of TIE 9107, Tie 9111, and Tie 9123.
85	20201018	Subtransmission Redesign & Rebuild: Trunk 4911	A-12 B5.4 Redesign	1. Reconductor all of Trunk 4911 2. Construct new 40kV trunk line from Boyne station to feed Chesterfield Transformer 3 and Cotton Transformer 1
86	20191077	System Loading: Diamond	A-12 B5.4 Redesign	1. Load transfers to neighboring areas 2. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
87	20241009	System Loading: Kings Point	A-12 B5.4 Redesign	1. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
88	20191063	Subtransmission Redesign & Rebuild: Custer Republic	A-12 B5.4 Redesign	
89	2021	Subtransmission Redesign & Rebuild: Thumb Electric Fault Isolation	Planned for IRM	
90	20191001	System Loading: Port Sanilac	A-12 B5.4 Redesign	1. Build new substation at existing PTSAN property, converting everything from 4.8kV to 13.2kV 2. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
91	20191045	System Loading: Carleton	A-12 B5.4 Redesign	
91	20191045	System Loading: Carleton	A-12 B5.4 Redesign	1. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
92	20201027	Subtransmission Breaker Short Circuit Violations	A-12 B5.4 Redesign	
93	20241011	4.8 kV CC: Unionville DC 301 B1 Conversion	A-12 B5.4 Redesign	1. Convert Downstream of B4 Fuse 2. Reconductor ~6.1 Miles of OH 3. Feed Complainin Customers from Quail 312
94	20230012	4.8kV CC: Pittsfield Substation and Circuit Conversion	Planned for IRM	1. Crown Substation Transformer Replacement and PDC Replacement. 2. Purchase New Substation property between Wolverine and Crown Substations.

95	20191075 4.8 kV CC: Almont Relief and Circuit Conversion (Midas)	A-12 B5.4 Redesign	1. Build MIDAS as Class A Substation 2. Feed MIDAS with 40kV - 120kV feed chosen due to close proximity of transmission lines (approx. ¼ MI) and improved reliability 3. Skidmounted Substation - Costly to expand to Class A substation if needed in the future
96	20201057 System Loading: Grenada	A-12 B5.4 Redesign	1. A 120-13.2kV substation scope was analyzed with ITC 2. The scope for a 40kV Class 'B' substation was also analyzed and will be revisited in the future at time of third transformer installation. 3. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
97	20231016 System Loading: New Baltimore/Chesterfield	A-12 B5.4 Redesign	1. Installing third TRF at NBALT 13.2 but limited space. 2. Moving all NBALT load to JACOB 3. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
98	20230014 System Loading: Tahoe	A-12 B5.4 Redesign	1. Use capacity at Wixom after upgrade to transfer load off of TAHOE 2. Multiple Reconfigurion alternatives for TRK 5906 at the intersection of 10 mile and Novi Road 3. Evaluated for Non Wire Alternatives. was determined not to be a candidate.
99	20191080 System Loading: Lark/Spruce	A-12 B5.4 Redesign	1. Building a new substation in an alternate location on new property and installing a third transformer at SPRUC. 2. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
100	20201058 4.8 kV CC: Unionville Decommissioning and Circuit Conversion	Planned for IRM	1. Upgrade UNVIL substation was considered but choosing to relocate at Randolph Station allowed us to take load off FGROV as well
101	20241003 Substation Risk: Imlay	A-12 B5.4 Resilience	
102	20201063 System Loading: Disco	A-12 B5.4 Redesign	1. Building 3 new distribution circuits on BRONC and upgrading DISCO XFMR 1 2. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
103	20191036 System Loading: Wixom	A-12 B5.4 Redesign	1. Construct New substation 2. Utilize TAHOE Substation 3. Use HANCK and/or WALLK substations 4. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
104	20191057 Subtransmission Redesign & Rebuild: Tie 7504	A-12 B5.4 Redesign	1. Alternate routes were not found to be advantageous
105	20191055 Subtransmission Redesign & Rebuild: Tie 810	A-12 B5.4 Redesign	1. Reconductor or replace all non-standard specified conductor/cable with standard specified 636AL OH conductor and 650 EPR UG cable. 2. New 345kV / 40 kV Station Split tie 810 into three separate tie lines. 3. New 120kV / 13.2kV Substation
106	20191056 Subtransmission Redesign & Rebuild: Tie 4105	A-12 B5.4 Redesign	1. Build a class B station (switching station) next to CROSW or APLGT and split TIE4105 into 2 tie lines. 2. Reconfigure TIE4105 3. Alternative routes have been considered for rebuilding the different sections of TIE4105 in the case we are not able to obtain easements or ROW for the routes proposed.
107	20201035 Subtransmission Redesign & Rebuild: Slocum	A-12 B5.4 Redesign	
108	20230024 Subtransmission Redesign & Rebuild: Tie 5208	Planned for IRM	
109	20191041 System Loading: Goodison	A-12 B5.4 Redesign	1. Using DTE Gas property – DTE gas property is limited due to gas lines going through ITC corridor. 2. Build new ITC station and DTE substation from 345KV to 120kV to 13.2kV 3. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
110	20230053 4.8 kV CC: GRFIN & WMSTN Conversions	A-12 B5.4 Redesign	1. Building underneath existing subtransmission lines 2. Build new STDF at GRFIN substation or on new property.
111	20191040 4.8 kV CC: White Lake Decommissioning and Circuit Conversion	A-12 B5.4 Redesign	
112	20230048 Station Upgrade: Lincoln	A-12 B5.4 Resilience	
113	20191059 Subtransmission Redesign & Rebuild: Tie 4104	A-12 B5.4 Redesign	1. Two alternative line routes were evalauted.
114	20230021 4.8 kV CC: Pinegrove Substation Relocation and Conversion	A-12 B5.4 Redesign	
115	20191038 System Loading: Sterling	A-12 B5.4 Redesign	1. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
116	20191004 System Loading: Brown City	A-12 B5.4 Redesign	1. 120-13.2kV Class T at BENET 2. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
117	20191013 CODI: Midtown Substation Expansion	A-12 B5.4 Redesign	1. Build a new 13.2kV substation and transfer load from Midtown 2. This project was considered for higher voltage distribution pilot substation. 3. Peaker Sites in the area for property usage of new substation were evaluated. 3. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
118	20201003 System Loading: Mayville	A-12 B5.4 Redesign	
119	20191008 4.8 kV CC: Lapeer - Elba Expansion and Circuit Conversion (Apollo)	A-12 B5.4 Redesign	1. Feed new Apollo substation with 40kV instead of 120kV 2. Upgrade Fawn Class "R" substation to Class "A" instead of build new Apollo substation
120	20230025 Subtransmission Redesign & Rebuild: Trunk 4601	Planned for IRM	
121	20201062 System Loading: Otsego/Capac/Shaw	A-12 B5.4 Redesign	1. Evaluated for Non Wire Alternatives, was determined not to be a candidate. 1. Architecturally expand Cato substation into the parking lot to accomodate the third 120kV feed/circuit switcher proposed by ITC 2. Convert Cato 4.8kV in Project 1 to nearby 13.2kV circuits to avoid additional cable cutover/conversions in Project 4
122	20191028 CODI: CATO Substation Expansion	A-12 B5.4 Redesign	
123	20201034 Subtransmission Redesign & Rebuild: Pigeon Area Improvement	Planned for IRM	1. Multiple powerflow analysis were competed using PSSE and TARA to study a wide spread area and propose the most beneficial solution for the system.
124	20191030 System Loading: Cody	A-12 B5.4 Redesign	1. Use neighboring substations TAHOE & NITRO to reduce loading on CODY 2. NWA considered while using neighboring substation to decrease loading on CODY
125	20201040 Subtransmission Redesign & Rebuild: Tie 3205	A-12 B5.4 Redesign	
126	20201032 Subtransmission Redesign & Rebuild: STPS6	Planned for IRM	

127	20201002 4.8 kV CC: Quincy Conversion	A-12 B5.4 Redesign	1. Replace with 4.8 kV transformer within the existing fence 2. Install 3-833 kVA 4.8 kV overhead STDF 3. Replace with 13.2 kV 5 MVA or 7.5 MVA STDF at existing site and install 4 ISO's 4. Install 13.2 kV skid mount STDF closer to Kilgore to reduce/eliminate the 40kV tap distance 5. Evaluated against a traditional class T substation
128	20201065 System Loading: Spokane/Seneca	A-12 B5.4 Redesign	1. Evaluated for Non Wire Alternatives, was determined not to be a candidate.
129	20201022 Ann Arbor System Improvements	A-12 B5.4 Redesign	1. Keeping ARGO Substation and the circuits at 4.8kV was not considered due to the new customer load growth in the area and inability to support load growth at 4.8kV.
130	20230045 4.8 kV CC: Ann Arbor AC Network Conversion	Planned for IRM	1. Removal of the AC Network System in downtown Ann Arbor and conversion to traditional URD construction.
131	20230047 4.8 kV CC: Power line Conversion of MADSN 175L-W	A-12 B5.4 Redesign	
132	20230044 Substation Risk: Voyager	A-12 B5.4 Resilience	1. Considered having both underground and OH work completed consecutively.
133	20230043 Subtransmission Redesign & Rebuild: Maxwell Amherst	A-12 B5.4 Redesign	
134	20230036 Subtransmission Redesign & Rebuild: Small Projects & Reserve	A-12 B5.4 Redesign	
135	20230031 Subtransmission Redesign & Rebuild: Tempest Phase II	Planned for IRM	
136	20230030 Subtransmission Redesign & Rebuild: Praxair	A-12 B5.4 Redesign	1. ITC to install in-and-out (normally-closed breakers) 2. DTE to install main-tie-main configuration with a normally-open section breakers and line breakers 3. Customer to install automatic throw-over at Praxair distribution level
137	20230008 4.8 kV CC: Crestwood Substation	A-12 B5.4 Redesign	
138	20201030 Subtransmission Redesign & Rebuild: Mohican	Planned for IRM	



* Corporate Development indicates that Corporate Staff Review is complete. See page 2 for any comments from Corporate Staff.



Appropriation Request
Corporate Staff Review

U-21534 | July 26, 2024
Direct Testimony of D. Stephens obo AG, MEC & NRDC
Ex MEC-20 | Source: MNSCDE-8.5c(S1)-04
Page 2 of 2

Project Name: Midas Subs - Below grade, ConduitMidas Subs - Above		Capital Budget / Project #: I-000404-0027 (MEP)-I-000801-0001	
Executive Sponsor: Joi Harris / Sharon Pfeuffer			
Corporate Staff Review		Comments and Issues	
Natalie Graves Corporate Finance and Development	4/20/2021 Date	☒ Support	☐ Do Not Support
Chris Allen Business Unit Controllers	4/20/2021 Date	☒ Support	☐ Do Not Support
Jill Farris Corporate Accounting	4/15/2021 Date	☒ Support	☐ Do Not Support
John D Miller Corporate Tax	4/20/2021 Date	☒ Support	☐ Do Not Support
Todd Baker Environmental	4/19/2021 Date	☒ Support	☐ Do Not Support
Matthew Misiak Legal	4/16/2021 Date	☒ Support	☐ Do Not Support
Lori Taylor-Wallace Purchasing	4/15/2021 Date	☒ Support	☐ Do Not Support
Habeeb Maroun Regulatory Affairs	19-Apr Date	☒ Support	☐ Do Not Support
Jeff Fowler Risk Management	4/20/2021 Date	☒ Support	☐ Do Not Support

This project had an estimated spend of \$13.2M 2019-2021 in U-20561 while current proposal projecting \$21.3M in 2020-2021. Project team should be prepared to support increased spend from the last case in our next electric rate case.



Appropriation Request Summary Sheet

Project Name: RELI0366-01 Tie4105 Reconductoring APLGT to CARSN		Capital Budget / Project #: I-000827-0001-0021						
Utility/Non-Utility: Utility		Project Type: Infrastructure Redesign						
Business Segment: Electric Utility		Business unit within budget?: Yes						
Business Unit: Distribution Operations		Project Start Date: 08/01/2020						
Project Sponsor: Sharon Pfeuffer / Heather Rivard		In-Service Date: 3/31/2022						
		Post Investment Evaluation Date: 11/21/2023						
Current Approval Request (\$000s): \$12,333								
Previous Request(s) (\$000s): \$0								
Total Project (\$000s): \$12,333								
Financial Summary (\$000s)								
	Prior Years	2020	2021	2022	2023	2024	Beyond	Total
Current Capital Approval Request	\$0	\$100	\$12,233	\$0	\$0	\$0	\$0	\$12,333
Previous Request(s)	0	0	0	0	0	0	0	0
Total Project Request	0	100	12,233	0	0	0	0	12,333
Operating After-Tax Cash Flow	0	0	0	0	0	0	0	0
Net Income	0	0	0	0	0	0	0	0
Hurdle Rate	IRR	NPV	Payback(years)		First 5 Yrs Avg. Net Income		Customer cost (savings)*	
6.1%	6.1%	\$152	15		\$495		\$12.0	
Project Description and Approval								
TIE 4105 has experienced frequent outages resulting in escalated customer complaints. The existing conductor and poles are near end of life and the tie line is currently built in deep right of way resulting in longer patrol and repair durations. Routine maintenance on this tie line has not resulted in an overall improvement in circuit performance. Approximately 35 miles of TIE4105 has been proposed to be rebuilt using current design standards and planned for relocation to road right of way wherever possible. This initiative to rebuild TIE4105 will be split up into 5 separate projects. The worst performing section of TIE4105 has been identified as the section between Applegate Substation and Carsonville Substation and is being prioritized as the first of five projects for rebuild/relocation. Approximately 6.7 miles of TIE4105 will be rebuilt under this project planned for construction in 2021. Once the initiative is completed, circuit performance should be greatly improved as 77% of the outages over the last 5 years are in the sections planned for rebuild, TIE4105 will be more accessible for maintenance and trouble events, the circuit will have adequate lightning protection, the voltage violations on TIE4105 will be resolved, and customer satisfaction will be improved.								
Major Risk and Risk Mitigants								
Input								
Approval Level (per FC20)								
		Required		Final Approval Signatures				
		yes						
		no						
Business Unit President		yes		Project Sponsor				
Corporate Staff Review		yes		Date				
Ed Solomon		12/21/2020		Heather Rivard				
Corporate Development *		Date		1/7/2021				
		yes		Business Unit President				
				Date				
DTE Controller Review		Date		Chief Financial Officer				
		no		Date				
				Chief Executive Officer / Chief Operating Officer				
				Date				
Growth & Value Creation Committee Review		yes						
Chief Financial Officer		yes						
Chief Operating Officer		yes						
Chief Executive Officer		yes						
Finance Committee		yes						
Board of Directors		no						

* Corporate Development indicates that Corporate Staff Review is complete. See page 2 for any comments from Corporate Staff

Project Name:		RELI0366-01 Tie4105 Reconducting APLGT to CARS		Capital Budget / Project #:		I-000827-0001-0021	
Executive Sponsor:		Sharon Pfeuffer / Heather Rivard					
Corporate Staff Review				Comments and Issues			
Gregory Rocco 12/18/2020 ☒ Support ☐ Do Not Support							
Corporate Finance and Development							
Chris Allen 12/18/2020 ☒ Support ☐ Do Not Support							
Business Unit Controllers							
Jill Farris 12/16/2020 ☒ Support ☐ Do Not Support							
Corporate Accounting							
John D Miller 12/17/2020 ☒ Support ☐ Do Not Support							
Corporate Tax							
Robert J Lee 12/16/2020 ☒ Support ☐ Do Not Support				EM&S team to coordinate with DO's design team and owner's engineer to support environmental permitting needs and review			
Environmental							
Matthew Misiak 12/18/2020 ☒ Support ☐ Do Not Support							
Legal							
Lori Taylor-Wallace 12/16/2020 ☒ Support ☐ Do Not Support							
Purchasing							
Habeeb Maroun 12/17/2020 ☒ Support ☐ Do Not Support				Projected risk-based capital carries risk of disallowance in a rate case unless the spend is adequately supported; this would result in a regulatory lag to the following case after the spend occurs.			
Regulatory Affairs							
Jeff Fowler 12/16/2020 ☒ Support ☐ Do Not Support							
Risk Management							



Project Name:	REL10366-03 TIE4105 Reconductoring APLGT	Capital Budget / Project #:	I-000827-0001-0040
Utility/Non-Utility:	Utility	Project Type:	Infrastructure Redesign
Business Segment:	Electric Utility	Business unit within budget?:	Yes
Business Unit:	Distribution Operations	Project Start Date:	10-1-2022
Project Sponsor:	Sharon G. Pfeuffer, Ryan Stowe/ Matthew T. Paul	In-Service Date:	7-30-2025
		Post Investment Evaluation Date:	7/20/2027

Current Approval Request (\$000s):	<u>\$16.2</u>	
Previous Request(s) (\$000s):	\$0	
Total Project (\$000s):	\$16.2	

	Prior Years	2022	2023	2024	2025	2026	Beyond	Total
Current Capital Approval Request	\$0	\$0	\$2.9	\$10.1	\$3.3	\$0	\$0	\$16.2
Previous Request(s)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Project Request	0	0	2.9	10.1	3.3	0	0	\$16.2
Operating After-Tax Cash Flow	(2,688)	(9,183)	(1,832)	1,519	1,460	1,405	23,997	\$14,678
Net Income	69	376	680	731	701	671	8,776	\$12,004

Hurdle Rate	IRR	NPV	Payback(years)	First 5 Yrs Avg. Net Income	Customer cost (savings)*
6.1%	6.1%	\$212	15	\$ 371	\$20,534

This project will rebuild 6.7 miles of 40KV overhead construction and relocate the tie line out of deep easement to improve accessibility for future maintenance and repairs. Install 6.7 miles of 636 Al conductor with 1/0 ACSR shield wire for lightning protection. New steel poles will be installed per DTE standards, install 2 new SEECO automatic switches. All new infrastructure we be built to Distribution Operation standards and modernize the distribution system. This supports the long term strategy for the thumb area by recondernizing to 636 Al

Shut downs and weather conditions.

* Corporate Development indicates that Corporate Staff Review is complete. See page 2 for any comments from Corporate Staff.

DTE Energy

Appropriation Request Corporate Staff Review

Project Name: REL0366-03 TIE4105 Reconductoring APLGT		Capital Budget / Project #: I-000827-0001-0040	
Executive Sponsor: Sharon G. Pfeuffer, Ryan Stowe/ Matthew T. Paul			
Corporate Staff Review		Comments and Issues	
Chad Detrich Corporate Finance and Development	11/17/2022 Date	☒ Support	☐ Do Not Support
Case Lancaster Business Unit Controllers	11/15/2022 Date	☒ Support	☐ Do Not Support
Matt Przybysz Corporate Accounting	11/17/2022 Date	☒ Support	☐ Do Not Support
John Miller Corporate Tax	11/15/2022 Date	☒ Support	☐ Do Not Support
Amanda Kosch Environmental	11/15/2022 Date	☒ Support	☐ Do Not Support
Matthew Misiak Legal	11/15/2022 Date	☒ Support	☐ Do Not Support
Lori Wallace Purchasing	11/15/2022 Date	☒ Support	☐ Do Not Support
Habeeb Maroun Regulatory Affairs	11/15/2022 Date	☒ Support	☐ Do Not Support
Logan Morgan IT Cybersecurity	11/18/2022 Date	☒ Support	☐ Do Not Support
Daniel Northey Risk Management	11/17/2022 Date	☒ Support	☐ Do Not Support
Mick Darin Corporate Insurance	11/15/2022 Date	☒ Support	☐ Do Not Support

Project is included in DTEE's long-term capital plan

No accounting issues noted.

Please ensure an environmental change checklist is submitted for this project and an action plan is in place.

Most Recent Regulatory Capital Info by Year		*To be completed by project team	
2020	2021	2022	2023 Beyond
\$-	5.8	10.0	19.9 \$-

Project team should be prepared to demonstrate prudence of projected capital spend in the Company's upcoming rate case. There is a risk of delay in recovery of contingency in the next case until the funds are spent and prudence demonstrated in the subsequent case.

*Note if the project is an acquisition, physical security must also approve

ERM has evaluated this project and noted no risk categories rated above low



Appropriation Request Summary Sheet

Project Name: RELI0366-04 TIE4105 Sandusky & Carsonville		Capital Budget / Project #: I-000827-0001-00XX						
Utility/Non-Utility: Utility		Project Type: Infrastructure Redesign and Modernization						
Business Segment: Electric Utility		Business unit within budget?: Yes						
Business Unit: DO/ MEP		Project Start Date: 8/8/2022						
Project Sponsor: Renee M. Tomina, Ryan Stowe - Matthew T. Paul		In-Service Date: 3/16/2028						
		Post Investment Evaluation Date: 9/7/2029						
Current Approval Request (\$000s): \$25,702								
Previous Request(s) (\$000s): \$0								
Total Project (\$000s): \$25,702								
Financial Summary (\$000s)								
	Prior Years	2023	2024	2025	2026	2027	Beyond	Total
Current Capital Approval Request	\$0	\$0	\$8,084	\$12,217	\$5,401	\$0	\$0	\$25,702
Previous Request(s)	0	0	0	0	0	0	0	0
Total Project Request	0	0	8,084	12,217	5,401	0	0	25,702
Operating After-Tax Cash Flow	0	(7,747)	(10,629)	(3,033)	2,500	2,405	41,700	25,195
Net Income	0	198	681	1,076	1,161	1,113	15,103	19,334
Hurdle Rate	IRR	NPV	Payback(years)		First 5 Yrs Avg. Net Income		Customer cost (savings)*	
6.5%	6.7%	\$398	13		\$ 846		\$32,648	
Project Description and Approval								
Segment 4 (SANDU to CARSN) will rebuild approximately 7.5 miles built to the new 40kV standard with 4.8kV under build (built to 13.2kV standard). Utilize 40kV steel pole construction standards. Update 1 pole top switch. Rebuild 7.5 miles of 4.8kV. distribution under-build on the new steel poles. This distribution will be built to the 13.2kV standard. Relocate Tie 4105 segment 4 from deep easement to Road ROW to allow the timeline to be truck accessible for future maintenance								
Major Risk and Risk Mitigants								
RISK : Challenges coordinating with Thumb Electric customers (TEC) that could lead to delays in construction MITIGATION: Communication will be utilized to coordinate and receive feedback from customers throughout project execution including mailers, emails, paid and organic social media, Empowering Michigan blogs, door hangers, customer e-publications/newsletters Regional Relations and Community Engagement will work with city and community leaders to share project plans, milestones and other project information to build positive relationships RISK:Delays in Permits and/or Easement acquisition. MITIGATION: Leverage Regional relations to facilitate permitting discussions with City of Croswell and Sandusky prior to customer engagement Identify potential easements/land use requirements early in project and evaluate alternate route/solution with Engineering Maintain engagement with DTE ROW facilitator throughout project design Break out railroad easements with separate work orders								
Approval Level (per FC20)			UC (CEO & CFO)		Final Approval Signatures			
			Required					
			yes no					
Business Unit President			yes		Renee Tomina (email) 3/18/2024			
Corporate Staff Review			yes		Project Sponsor Date			
Corporate Development *			yes		Matt Paul (email) 3/18/2024			
Date					Business Unit President Date			
DTE Controller Review			no		Chief Financial Officer Date			
Date					Chief Executive Officer / Chief Operating Officer Date			
Growth & Value Creation Committee Review			yes					
Chief Financial Officer			yes					
Chief Operating Officer			yes					
Chief Executive Officer			no					
Finance Committee			no					
Board of Directors			no					

* Corporate Development indicates that Corporate Staff Review is complete. See page 2 for any comments from Corporate Staff

DTE Energy

Appropriation Request Corporate Staff Review

Project Name: <u>RELI0366-04 TIE4105 Sandusky & Carsonville</u>		Capital Budget / Project #: <u>I-000827-0001-00XX</u>	
Executive Sponsor: <u>Renee M. Tomina, Ryan Stowe - Matthew T. Paul</u>			
Corporate Staff Review		Comments and Issues	
Tim Lepczyk	2/29/2024	☒ Support	☐ Do Not Support
Corporate Finance and Development	Date		
Case Lancaster	2/28/2024	☒ Support	☐ Do Not Support
Business Unit Controllers	Date		
Jill Farris	3/4/2024	☒ Support	☐ Do Not Support
Corporate Accounting	Date		
John Miller	2/29/2024	☒ Support	☐ Do Not Support
Corporate Tax	Date		
Todd Baker	2/28/2024	☒ Support	☐ Do Not Support
Environmental	Date		
Onnie Jacque	3/1/2024	☒ Support	☐ Do Not Support
Legal	Date		
Lori Wallace	2/27/2024	☒ Support	☐ Do Not Support
Purchasing	Date		
Thomas Lacey	2/28/2024	☒ Support	☐ Do Not Support
Regulatory Affairs	Date		
		Most Recent Regulatory Capital Info by Year *To be completed by project team 2020 2021 2022 2023 Beyond \$- \$- \$- \$- \$- Project team should be prepared to demonstrate prudence or project spend and ready to explain differences between rate case projections and forecast. If contingency is included in the rate case, there is a risk of delay in recovery until the subsequent case after the amounts are spent and prudence is demonstrated.	
		*Note if the project is an acquisition, physical security must also approve	
Logan Morgan	3/4/2024	☒ Support	☐ Do Not Support
IT Cybersecurity	Date		
Daniel Northey	3/1/2024	☒ Support	☐ Do Not Support
Risk Management	Date		
		ERM has evaluated this project and each risk category received a low score.	
Mick Darin	2/28/2024	☒ Support	☐ Do Not Support
Corporate Insurance	Date		

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.18di

Respondent: J. Kryscynski

Page: 1 of 1

- Question:** 18. Refer to Exhibit A-12, Schedule B5.4, page 14-16, and to the 4.8kV circuit conversions and related projects listed on lines 28-56 and 79-91. Refer also to Exhibit A-33, Schedule X1, line 1, and to “Conversions” budgets proposed for the IRM in 2026 and 2027.
- d. Refer to the responses to subparts (a) and (b) above. Explain how the Conversions program budget was established for each of the following years, and provide a list of circuits or projects and capital dollars budgeted by circuit for each year:
- i. 2023

Answer: The Company develops the long-term vision for the grid and 5-year investment plans for distribution programs and projects using the process described in the 2021 and 2023 Distribution Grid Plans (DGP). The DGP investments address aging infrastructure, improvements to reliability, resiliency, and safety, and current and projected future capacity constraints. Investments are prioritized using the GPM as well as other considerations, as discussed in Witness Kryscynski’s testimony.

The 5-year investment plan is a key reference when developing the annual distribution budgets. The annual budget planning process includes the 5-year DGP plan, updated information on grid needs including reliability data, and regulatory feedback obtained through rate cases. For 2023 investments, the 2021 DGP is the supportive grid planning reference.

The capital investment associated with each conversion project for 2023 where the Company is seeking recovery through the current case can be found in Exhibit A-12, Schedule B5.4, page 14-16, lines 28-56 and 79-91.

In addition, the Commission’s Order in Case No. U-21297 authorized IRM treatment for additional program investment as part of “IRM Year 1” which runs from December 1, 2023, through December 31, 2024. The Company was not required to identify what portion of that investment was to occur in December 2023 vs. calendar year 2024. The investments associated with the IRM Year 1 were presented in the Company’s 2024 IRM Investment Plan.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.18dii

Respondent: J. Kryscynski

Page: 1 of 1

- Question:** 18. Refer to Exhibit A-12, Schedule B5.4, page 14-16, and to the 4.8kV circuit conversions and related projects listed on lines 28-56 and 79-91. Refer also to Exhibit A-33, Schedule X1, line 1, and to “Conversions” budgets proposed for the IRM in 2026 and 2027.
- d. Refer to the responses to subparts (a) and (b) above. Explain how the Conversions program budget was established for each of the following years, and provide a list of circuits or projects and capital dollars budgeted by circuit for each year:
- ii. 2024

Answer: The Company develops the long-term vision for the grid and 5-year investment plans for distribution programs and projects using the process described in the 2021 and 2023 Distribution Grid Plans (DGP). The DGP investments address aging infrastructure, improvements to reliability, resiliency, and safety, and current and projected future capacity constraints. Investments are prioritized using the GPM as well as other considerations, as discussed in Witness Kryscynski’s testimony.

The 5-year investment plan is a key reference when developing the annual distribution budgets. The annual budget planning process includes the 5-year DGP plan, updated information on grid needs including reliability data, and regulatory feedback obtained through rate cases. For 2024 investments, the 2023 DGP is the supportive grid planning reference.

A portion of the 2024 Conversions budget was authorized for IRM treatment in Case No. U-21297 as reflected in Exhibit A-33, Schedule X1, Page 1, Line 2. The projects associated with this investment were presented in the Company’s 2024 IRM Investment Plan. The remaining planned capital investment is being proposed for recovery in this case as reflected in Exhibit A-12, Schedule B5.4, Pages 14-15, lines 28-56 and 79-91.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.18diii

Respondent: J. Kryscynski

Page: 1 of 1

- Question:** 18. Refer to Exhibit A-12, Schedule B5.4, page 14-16, and to the 4.8kV circuit conversions and related projects listed on lines 28-56 and 79-91. Refer also to Exhibit A-33, Schedule X1, line 1, and to “Conversions” budgets proposed for the IRM in 2026 and 2027.
- d. Refer to the responses to subparts (a) and (b) above. Explain how the Conversions program budget was established for each of the following years, and provide a list of circuits or projects and capital dollars budgeted by circuit for each year:
- iii. 2025

Answer: The Company develops the long-term vision for the grid and 5-year investment plans for distribution programs and projects using the process described in the 2021 and 2023 Distribution Grid Plans (DGP). The DGP investments address aging infrastructure, improvements to reliability, resiliency, and safety, and current and projected future capacity constraints. Investments are prioritized using the GPM as well as other considerations, as discussed in Witness Kryscynski’s testimony.

The 5-year investment plan is a key reference when developing the annual distribution budgets. The annual budget planning process includes the 5-year DGP plan, updated information on grid needs including reliability data, and regulatory feedback obtained through rate cases. For 2025 investments, the 2023 DGP is the supportive grid planning reference.

A portion of the 2025 Conversions budget was authorized for IRM treatment in Case No. U-21297 as reflected in Exhibit A-33, Schedule X1, Page 1, Line 2. The projects associated with this investment will be presented in the Company’s 2025 IRM Investment Plan, consistent with the Commission’s Order authorizing the IRM in Case No. U-21297. The remaining planned capital investment is being proposed for recovery in this case as reflected in Exhibit A-12, Schedule B5.4, Pages 14-15, lines 28-56 and 79-91.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.18div

Respondent: J. Kryscynski

Page: 1 of 1

- Question:** 18. Refer to Exhibit A-12, Schedule B5.4, page 14-16, and to the 4.8kV circuit conversions and related projects listed on lines 28-56 and 79-91. Refer also to Exhibit A-33, Schedule X1, line 1, and to “Conversions” budgets proposed for the IRM in 2026 and 2027.
- d. Refer to the responses to subparts (a) and (b) above. Explain how the Conversions program budget was established for each of the following years, and provide a list of circuits or projects and capital dollars budgeted by circuit for each year:
- iv. 2026

Answer: The Company develops the long-term vision for the grid and 5-year investment plans for distribution programs and projects using the process described in the 2021 and 2023 Distribution Grid Plans (DGP). The DGP investments address aging infrastructure, improvements to reliability, resiliency, and safety, and current and projected future capacity constraints. Investments are prioritized using the GPM as well as other considerations, as discussed in Witness Kryscynski’s testimony.

The 5-year investment plan is a key reference when developing the annual distribution budgets. The annual budget planning process includes the 5-year DGP plan, updated information on grid needs including reliability data, and regulatory feedback obtained through rate cases. For 2026 investments, the 2023 DGP is the supportive grid planning reference.

The Company has proposed in this case that \$190.0 million of 2026 Conversions investment be authorized for IRM treatment as reflected in Exhibit A-33, Schedule X1, Page 1, Line 2. If approved, a list of projects associated with the IRM investment will be presented as part of the Company’s 2026 IRM Investment Plan, consistent with the Commission’s Order authorizing the IRM in Case No. U-21297. Remaining conversion investment for 2026 is outside this rate case scope.

Attachment: None

MPSC Case No: U-21534

Requester: MNSC

Question No.: MNSCDE-8.18dv

Respondent: J. Kryscynski

Page: 1 of 1

- Question:** 18. Refer to Exhibit A-12, Schedule B5.4, page 14-16, and to the 4.8kV circuit conversions and related projects listed on lines 28-56 and 79-91. Refer also to Exhibit A-33, Schedule X1, line 1, and to “Conversions” budgets proposed for the IRM in 2026 and 2027.
- d. Refer to the responses to subparts (a) and (b) above. Explain how the Conversions program budget was established for each of the following years, and provide a list of circuits or projects and capital dollars budgeted by circuit for each year:
- v. 2027

Answer: The Company develops the long-term vision for the grid and 5-year investment plans for distribution programs and projects using the process described in the 2021 and 2023 Distribution Grid Plans (DGP). The DGP investments address aging infrastructure, improvements to reliability, resiliency, and safety, and current and projected future capacity constraints. Investments are prioritized using the GPM as well as other considerations, as discussed in Witness Kryscynski’s testimony.

The 5-year investment plan is a key reference when developing the annual distribution budgets. The annual budget planning process includes the 5-year DGP plan, updated information on grid needs including reliability data, and regulatory feedback obtained through rate cases. For 2027 investments, the 2023 DGP is the supportive grid planning reference.

The Company has proposed in this case that \$240.0 million of 2027 Conversions investment be authorized for IRM treatment as reflected in Exhibit A-33, Schedule X1, Page 1, Line 2. If approved, a list of projects associated with the IRM investment will be presented as part of the Company’s 2027 IRM Investment Plan, consistent with the Commission’s Order authorizing the IRM in Case No. U-21297. Remaining conversion investment for 2027 is outside this rate case scope.

Attachment: *None*

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the Application of **DTE ELECTRIC COMPANY** for authority to increase its rates, amend its rate schedules and rules governing the distribution and supply of electric energy, and for miscellaneous accounting authority.

Case No. U-21534

Proof of Service

On the date below, an electronic copy of **Direct Testimony and Exhibits of Dennis Stephens on behalf of Attorney General Dana Nessel, Michigan Environmental Council, and Natural Resources Defense Council (Exhibits MEC-10 through MEC-22)** was served on the following:

Name/Party	E-mail Address
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The statements above are true to the best of my knowledge, information and belief.

Troposphere Legal, PLC
Counsel for MEC, NRDC, SC & CUB

Date: July 26, 2024

By:



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STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the Application of **DTE ELECTRIC COMPANY** for authority to increase its rates, amend its rate schedules and rules governing the distribution and supply of electric energy, and for miscellaneous accounting authority.

Case No. U-21534

Confidential Proof of Service

On the date below, an electronic copy of **Direct Testimony and Exhibits of Dennis Stephens on behalf of Attorney General Dana Nessel, Michigan Environmental Council, and Natural Resources Defense Council** was served on the following:

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The statements above are true to the best of my knowledge, information and belief.

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