Clark Hill

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November 14, 2025

VIA ELECTRONIC CASE FILING

Executive Secretary
Michigan Public Service Commission
7109 W. Saginaw Highway
Lansing, Michigan 48917

Re: Case No. U-21870 – In the matter of the application of CONSUMERS ENERGY COMPANY for authority to increase its rates for the generation and distribution of electricity and for other relief.

Dear Executive Secretary:

Enclosed for filing please find the ***Association of Businesses Advocating Tariff Equity's Official Exhibits [AB-1 to AB-21]*** and ***Proof of Service*** in the above-referenced proceeding.

Sincerely,

CLARK HILL PLC

Stephen A. Campbell

Digitally signed by: Stephen A. Campbell
DN: CN = Stephen A. Campbell email = SCampbell@clarkhill.com C = US O = Clark Hill PLC
Date: 2025.11.14 11:16:12 -05'00'

Stephen A. Campbell

SAC/lkd

cc: Parties of Record

Question:

21859-DCC-CE-0013. Please refer to Connolly Direct at 4:7-8. "The Company has data center inquiries that total over 15 gigawatts of electric load in the economic development pipeline." Please provide a spreadsheet or other document listing each of the referenced "data center inquiries," and identify, for each inquiry: a) the proposed location; b) the associated electric load and/or contract capacity; and c) the timeline for energization and delivery of requested capacity, including any proposed load ramp.

Response:

See attached

Witness: Laura M. Connolly
Date: May 13, 2025

Id	Location	Load (MW)	Requested in-service year	50% of peak year	Peak demand reached year	Date of Inquiry	Description
A	East Central Region	400	As soon as possible	Unknown	Unknown	10/7/2024	Data Center
B	South Central Region	1,000	Q1 2026	Q2 2033	Q1 2040	10/4/2024	Data Center
C	Unknown	300	Unknown	Unknown	Unknown	11/6/2024	Data Center
D	East Central Region	300	As soon as possible	Unknown	Unknown	7/15/2024	Data Center
E	Unknown	200	As soon as possible	Unknown	Within 36 months	5/7/2024	Data Center
F	Southwest Region	Unknown	Unknown	Unknown	Unknown	12/3/2024	Data Center
G	Unknown	200	Unknown	Unknown	Unknown	11/19/2024	Data Center
H	Unknown	250	As soon as possible	Unknown	Unknown	3/10/2025	Data Center
I	East Central Region	1,000	As soon as possible	Unknown	Within 36 months	2/26/2025	Data Center
J	West Region	300	Q1 2029	Q4 2030	Q4 2033	3/1/2024	Data Center
K	Unknown	300	Q4 2029	Q2 2030	Q4 2033	6/6/2024	Data Center
L	East Region	100	Unknown	Unknown	Unknown	1/9/2025	Data Center
M	Unknown	300	Unknown	Unknown	Q1 2030	12/4/2024	Data Center
N	East Region	700	Unknown	Unknown	Unknown	2/4/2025	Data Center
O	Unknown	1,000	Within 2-3 years	Unknown	Within 5-10 years	2/28/2025	Data Center
P	East Central Region	300	Unknown	Unknown	Unknown	3/10/2025	Data Center
Q	Unknown	Unknown	Unknown	Unknown	Unknown	7/29/2024	Data Center
R	Unknown	500	Unknown	Unknown	Unknown	8/7/2024	Data Center
S	South Central Region	100	Unknown	Unknown	Unknown	10/4/2024	Data Center
T	Unknown	Unknown	Q1 2027	Unknown	Q1 2031	10/31/2024	Data Center
U	Southwest Region	50	Unknown	Unknown	Unknown	12/19/2024	Data Center
V	Unknown	1,200	Q1 2028	Q2 2029	Q4 2030	10/16/2024	Data Center
W	Unknown	300	Unknown	Unknown	Unknown	8/19/2024	Data Center

Id	Location	Load (MW)	Requested in-service year	50% of peak year	Peak demand reached year	Date of Inquiry	Description
X	Southwest Region	4	2024	2024	2024	7/25/2024	Data Center
Y	Unknown	300	Unknown	Unknown	Unknown	1/15/2025	Data Center
Z	Unknown	Unknown	Unknown	Unknown	Unknown	10/31/2024	Data Center
AA	Unknown	500	Unknown	Unknown	Unknown	9/10/2024	Data Center
AB	Unknown	1,000	Q1 2029	Unknown	Unknown	10/31/2024	Data Center
AC	Unknown	500	Q1 2026	Unknown	Q1 2029	7/12/2024	Data Center
AD	Unknown	Unknown	Unknown	Unknown	Unknown	10/29/2024	Data Center
AE	Unknown	500	Q3 2026	Q3 2027	Q3 2029	7/25/2024	Data Center
AF	Unknown	500	Unknown	Unknown	Unknown	10/10/2024	Data Center
AG	Unknown	600	Q4 2027	Unknown	2030	12/11/2024	Data Center
AH	Unknown	145	Unknown	Unknown	Unknown	7/31/2024	Data Center
AI	Unknown	1,000	2027	Unknown	Unknown	2/4/2025	Data Center
AJ	Southeasterly Region	500	Unknown	Unknown	Q1 2029	1/6/2025	Data Center
AK	Unknown	900	Q4 2027	Q4 2028	Q4 2029	9/11/2024	Data Center
AL	East Central	Unknown	Unknown	Unknown	Unknown	11/21/2024	Data Center

Question:

Request 7:

Referring to Exhibit A-13 (PDD-41), Schedule C-5, for each O&M expense item listed on this exhibit, please provide the following:

a. The projected test year amount approved in Case No. U-20963.
b. The actual amount spent in the test year from Case No. U-20963.
c. The projected test year amount approved in Case No. U-21224.
d. The actual amount spent in the test year from Case No. U-21224.
e. The projected test year amount approved in Case No. U-21389.
f. The actual amount spent in the test year from Case No. U-21389.
g. The projected test year amount approved in Case No. U-21585.
h. The actual amount spent to date in the test year from Case No. U-21585.

Response:

Please see U21870-AB-CE-0173_ATT_1.

Witness: Patrick D. Daly
Date: August 4, 2025

Consumers Energy Company
O&M Expense Comparison
U21870-AB-CE-0173_ATT_1
($000)

Line No.	(a) Description	(b) U-21585 Approved O&M Expense 12 Months Ending 2/28/2026	(c) U-21585 Actual O&M Expense {1} 3/1/2025 through 6/30/2025	(d) U-21389 Approved O&M Expense 12 Months Ended 2/28/2025	(e) U-21389 Actual O&M Expense 12 Months Ended 2/28/2025	(f) U-21224 Approved O&M Expense {2} 12 Months Ended 12/31/2023	(g) U-21224 Actual O&M Expense 12 Months Ended 12/31/2023	(h) U-20963 Approved O&M Expense 12 Months Ended 12/31/2022	(i) U-20963 Actual O&M Expense 12 Months Ended 12/31/2022
1	Electric Division - Electric & Common	$ 258,881	$ 100,307	$ 201,779	$ 213,340	$ -	$ 276,945	$ 166,801	$ 214,032
2	Forestry	125,087	38,327	118,483	119,189	-	109,093	93,991	102,003
3	Generation	108,455	45,461	144,671	129,147	-	118,849	155,169	150,031
4	Operations Support	14,592	4,931	16,135	15,160	-	15,939	14,260	17,651
5	Information Technology Operations	38,129	18,784	44,016	43,855	-	40,821	47,060	42,043
6	Information Technology Investments	8,558	2,450	11,211	7,337	-	7,471	14,706	11,028
7	Information Technology - Security Operations	7,287	3,350	8,978	9,576	-	7,116	-	8,784
8	Information Technology - Security Investments	1,104	319	733	645	-	660	-	921
9	Customer Interactions	24,598	6,898	18,244	20,232	-	24,071	28,131	18,212
10	Billing & Payment	9,733	3,748	18,602	10,674	-	15,671	19,626	25,769
11	Demand Response	34,536	8,912	41,120	32,902	-	35,247	39,204	37,882
12	Pension Plans A/B	(53,469)	(15,997)	(43,191)	(51,137)	-	(41,166)	(8,868)	(29,860)
13	Defined Company Contribution Plan	14,967	5,386	14,836	14,977	-	14,612	12,081	14,105
14	401(k) Employees' Savings Plan	12,121	4,425	13,641	11,525	-	11,830	11,528	12,974
15	Active Health Care/Life Insurance/LTD	28,218	10,459	27,793	29,090	-	28,488	21,196	26,332
16	Retiree Health Care and Life Insurance	(50,333)	(16,441)	(39,484)	(47,823)	-	(42,398)	(63,057)	(69,030)
17	Other Benefits	3,286	951	3,483	2,649	-	3,213	1,837	3,279
18	Pension/OPEB Volatility Mechanism {3}	(241)	(575)	-	17,170	-	(11,836)	-	-
19	Corporate Services	29,155	8,414	42,606	39,177	-	37,035	60,551	38,247
20	Uncollectible Expense	18,998	5,380	14,990	17,544	-	21,668	14,136	18,817
21	Injuries & Damages	4,138	1,676	3,872	7,645	-	5,246	1,773	6,652
22	Incentive Compensation	2,196	1,054	978	2,483	-	2,452	1,959	2,218
23	Job Work Expense	1,253	472	2,193	1,323	-	1,253	11,531	2,200
24	Interest expense on security deposits	286	106	257	302	-	286	370	258
25	DR Incentive/Recon	5,568	922	(5,389)	(5,406)	-	-	1,010	-
26	Inflation	-	-	-	-	-	-	(5,376)	-
27	Total operation and maintenance expenses	647,104	239,718	660,559	641,572	-	682,566	639,620	654,549

Notes

{1} The projected test year in Case No. U-21585 is March 1, 2025 - February 28, 2026; therefore, the actual amount spent to date in the test year encompasses March 1, 2025 - June 30, 2025. The spending for the first four months of t
should not be used to project spending for the entire test year as spending may not occur on a straight-line basis. Additionally, these amounts do not reflect adjustments for unusual and one-time items typically addressed in a gener

{2} Case No. U-21224 resulted in a settlement agreement that did not state the approved O&M expense for all spending categories

Question:

Request 12:

Please explain whether or not Consumers makes an effort on an ongoing basis to improve processes and reduce costs as much as possible while still providing safe and reliable service to its customers.

Response:

Consumers Energy does make an effort, on an ongoing basis, to improve processes and reduce costs as much as possible while still providing safe and reliable service to its customers. For more details see the direct testimony of Company witness Heidi Myers pages 29-31.

Witness: Heidi J. Myers
Date: August 4, 2025

Question:

15. Referring to Exhibit A-43 (RTB-4), page 2 of 3, in column (i), please explain in detail how the Company determined/calculated the following costs for Other Adjustments (column (i)) (why did the Company not use only the inflation rate?):

a) Labor: -$18.402 million
b) Material: -$1.378 million
c) Contractor: -$5.715 million
d) Non-Labor Overheads: -$0.025 million
e) Non-Labor Other: -$6.105 million

Response:

As discussed in my direct testimony beginning on page 104, line 11, the Other Adjustments simply reflect the difference between the test year amounts by subcategory that were calculated using the inflation rate and the test year amounts that were developed based upon the future maintenance needs of each unit and the supporting organizations. The Company's generating fleet is in a period of significant change with the retirement of coal units and the addition of Covert and renewables. The use of the inflation rate would not yield reasonable results and would harm customers by not returning the savings realized from the generation fleet changes which were approved in the Company's 2021 Integrated Resource Plan case U-21090.

a. The historical year amount for Labor was $74.738 million and the projected test year amount based upon the inflation rate is $78.139 million. Based upon the future maintenance needs of the generating fleet and supporting personnel, Labor is only $60.362 million, which is a reduction of $18.402 million versus that obtained through simple escalation.

b. The historical year amount for Material was $5.597 million and the projected test year amount based upon the inflation rate is $5.852 million. Based upon the future maintenance needs of the generating fleet and supporting personnel, Material is $4.520 million, which is a reduction of $1.378 million versus that obtained through simple escalation.

c. The historical year amount for Contractor was $23.210 million and the projected test year amount based upon the inflation rate is $24.266 million. Based upon the future maintenance needs of the generating fleet and supporting personnel, Contractor is only $18.745 million, which is a reduction of $5.715 million versus that obtained through simple escalation.

d. The historical year amount for Non-Labor Overheads was $0.100 million and the projected test year amount based upon the inflation rate is $0.137 million. Based upon the future maintenance needs of the generating fleet and supporting personnel, Non-Labor Overheads is only $0.081 million, which is a reduction of $0.025 million versus that obtained through simple escalation.

e. The historical year amount for Non-Labor Other was $24.793 million and the projected test year amount based upon the inflation rate is $25.921 million. Based upon the future maintenance needs

of the generating fleet and supporting personnel, Non-Labor Other is only $20.024 million, which is a reduction of $6.105 million versus that obtained through simple escalation.

Witness: RICHARD T. BLUMENSTOCK
Date: July 15, 2025

MICHIGAN PUBLIC SERVICE COMMISSION Case No.: U-21870
Consumers Energy Company WP-PDD-21
Development of Projected Utility Plant
Plant In Service
($000)

Line No.	(a) Description	(b) 12 Months Ending December 31, 2024	(c) 13 Month Average Balance Ending April 30, 2027
1	Distribution	11,979,082	14,110,243
2	Production (Hydro)	247,368	257,460
3	Production (Hydro Ludington)	620,164	630,876
4	Production (Steam)	420,979	440,912
5	Production (Solar)	-	-
6	Production (Other)	1,567,273	1,906,468
7	Intangibles	505,861	566,466
8	E-GP Structures	176,932	194,933
9	E-GP Computers	14,240	12,887
10	E-GP Transportation	114,999	162,953
11	E-GP Other	66,361	75,885
12	C-GP Structures	172,098	177,141
13	C-GP Computers	47,235	51,698
14	C-GP Transportation	82,762	80,500
15	C-GP Other	101,181	118,040
16	Production Acq Adjustment	584,035	584,035
17	0	-	-
18	0	-	-
19	Total Plant In Service	16,700,569	19,370,498

MICHIGAN PUBLIC SERVICE COMMISSION Case No. U-21870
Consumers Energy Company WP-RTB-15
Generation Capital Summary Page 1 of 9
2021 Project Actual Capital Expenditures

Row Labels	Sum of $
Alcona	$ 1,869,097
2019 Alcona Tailrace & Canoe Portage	$ 455,442
Alcona 2 Wicket Gate & Bearing Rplcmt	$ 142,559
Alcona 2 Wicket Gate Replacement	$ (370)
Alcona Corewall Replacement	$ 258,051
Alcona Emergency Spillway	$ 925,608
Alcona Legacy Ladder	$ (14,266)
Alcona Plant Lighting Replacements	$ (8,150)
Alcona Powerhouse Window Replacement	$ 2,905
Alcona Relief Well Install 2021-2022	$ 74,582
Alcona Spill Valve Control	$ 10,079
Alcona Trash Rack Ergonomics	$ 22,655
Allegan	$ 516,387
Allegan 2 Turbine Guide Bearing	$ 42,098
Allegan 3 Wicket Gate Replacement	$ 186
Caulkins Bridge Electrical Station	$ 408,702
Caulkins Bridge U1 Headgate	$ 68,251
Cobb 1-5 - Cmns-Clean Air	$ -
BCC Bottom Ash Pond Closure	$ -
Cobb 4-Clean Air	$ 375,142
BCC Landfill Perimeter Fence	$ 375,142
Combustion Turbines-Plt Mods	$ -
CT Fleet Retirement & Decommissioning	$ -
Cooke	$ 235,419
Cooke Governor Replacement	$ 2,109
Cooke Infrastructure Improvements	$ (12,382)
Cooke Powerhouse Mod to Pass PMF	$ 8,352
Cooke Roadway Replacement	$ 172,773
Cooke Spillway Gate Hoist Concrete Repla	$ 67,655
Cooke Trash Rack Ergonomics	$ (3,088)
Croton	$ 2,627,315
Croton 1 & 2 Wicket Gate	$ 28,448
Croton 2 Generator Rewind	$ 396,144
Croton Capital Projects	$ (3,275)
Croton Governor Replacement	$ 1,550,430
Croton Remote Spill Control	$ 43,712
Croton Right Abutment Replacement	$ 347,728
Croton Sand Valves	$ 265,497
Croton Tools	$ (522)
Rebuild Croton Unit 4	$ (848)
Environmental Services	$ 15,259
2010 ENVIRONMENTAL SERVICES OFFICE EQUIP	$ 15,259
Equipment Services	$ 84,794
ESD Engineering Small Tools Capital	$ 84,794
Five Channels	$ 2,623,004
5 Channels Powerhouse Mod to Pass PMF	$ 17,457
5CH Storage Building Roof Replacement	$ 36,961
FC 1 Wicket Gates	$ 604
FC Plant Lighting Project	$ 47,120
FC Roadway Replacement	$ 159,090
FC Trash Rack Ergonomics Project	$ 24,450
Five Channels Corewall Replacement	$ 1,987,024
Five Channels Electrical Safety	$ 107,728
Five Channels Governor Replacement	$ 11,645
Five Channels Headgate Project	$ 243,118
Five Channels PW-5 Replacement Project	$ 56,421
Five Channels Tools	$ (321)
Hydro Security Additions	$ (39,792)
Five Channels Headquarters	$ 286,237
FC Dead Bay and Log Chute Replacement	$ 286,237

MICHIGAN PUBLIC SERVICE COMMISSION Case No. U-21870
Consumers Energy Company WP-RTB-15
Generation Capital Summary Page 2 of 9
2021 Project Actual Capital Expenditures

Foote	$	904,196
Foote ADA Ramp Replacement	$	26,077
Foote EAP Headwater Gauges	$	(1,614)
Foote Governor Replacement	$	853,353
Foote Legacy Ladder	$	(7,511)
Foote Spillway Chamber Fill	$	(682)
Foote Trash Rack Ergonomics	$	34,573
Hardy	$	7,911,081
Hardy Auxiliary Spillway	$	5,177,475
Hardy Dam Safety Monitoring Integration	$	403,738
Hardy EAP Headwater Gauges	$	(1,239)
Hardy Emergency Gate Replacement	$	411,676
Hardy Intake Tower Bridge Replacement	$	54,427
Hardy Legacy Ladder Intake Tower	$	(4,666)
Hardy Lighting Replacement Project	$	127,811
Hardy Penstock Fill Valve Replacement	$	958,602
Hardy Relief Well Area Reverse Filter	$	80,657
Hardy Relief Well Area Walkway Project	$	(12,831)
Hardy Relief Well for JE	$	(128,462)
Hardy Reverse Filter	$	(45,558)
Hardy Reverse Filter 2019	$	123,182
Hardy Road Replacement	$	172,452
Hardy Splash Wall Replacement	$	453,146
Hardy Station Battery Replacement	$	143,920
Hardy Weir Box Installation	$	-
RH Part 12D Remediation Capital Prj 2017	$	(3,250)
Hodenpyl	$	2,719,572
Hodenpyl 1 Generator Rewind	$	26,584
Hodenpyl Downstream Wall Replacement	$	319,258
Hodenpyl EAP Headwater Gauges	$	(1,443)
Hodenpyl Electrical Safety	$	1,390,892
Hodenpyl Emergency Spillway Evaluation	$	127,163
Hodenpyl Gate Hoist	$	480,362
Hodenpyl Legacy Ladder	$	(1,001)
Hodenpyl Piezometer Installation	$	70,600
Hodenpyl Transformer & Foundation	$	306,907
Hodenpyl Wooden Walkway	$	250
Hydros	$	598,707
Alcona New Auxillary Generator	$	157,773
Croton 246 OCB and Booster Xfmr Replace	$	125,120
Hardy Rt Embankment Toe Drain	$	7,218
Hydro Small Equipment 2021	$	104,846
Loud Station Battery Replacement	$	203,750
Jackson Generating Station	$	26,243,832
Generation Capital	$	(36,884)
Jackson Generating Station-Small Tools	$	131,244
Jackson Site Generating Water	$	2,001,707
JGS - 2019 Circ Pump and Aux Circ Motor	$	(2,474)
JGS - Cooling Tower Maintenance Platform	$	462,591
JGS - Glycol Pump Rebuild	$	394,326
JGS - HRSG Duct Burner Replacements	$	644,881
JGS - HRSG Valve Rack Replacement	$	99,090
JGS - LM6000 Beckwith Relay Replacement	$	103,722
JGS - Lube Oil Motor Monorail	$	24,200
JGS - Oil Water Separator Replacement	$	723
JGS - Plmouth St. Sub Line Relay Replace	$	95,096
JGS - RO Resin Tank Capacity	$	109
JGS - Warehouse	$	94,509
JGS - Waste Water Sump Project	$	85,121
JGS 1-6 Steam Injection Isolation	$	(3,731)

MICHIGAN PUBLIC SERVICE COMMISSION Case No. U-21870
Consumers Energy Company WP-RTB-15
Generation Capital Summary Page 3 of 9
2021 Project Actual Capital Expenditures

JGS 2018 GE LTSA Historical Extra Work	$	4,191,660
JGS 2019 Base Outage-Many Small Projects	$	-
JGS 2021 Small Valves & Instrumentation	$	624,296
JGS 7EA 52G Breaker	$	199,456
JGS 7EA BREAKER REPLACEMENT	$	2,454
JGS 7EA Turbine Casing	$	375,195
JGS- Circ Pump & Aux Circ Motor Overhaul	$	474,215
JGS Combus Turbine Inlet Canister Filter	$	264,843
JGS Cooling Tower Motor VFD	$	479,621
JGS CTW Acid Feed System	$	1,288,253
JGS F Chiller Compress Replacement	$	204,405
JGS Fall Protection	$	1,021,041
JGS Gutter Deicing System	$	468,821
JGS Increase Stack Height	$	723
JGS LM2 Sprint nozzle replacement	$	167,215
JGS LTSA spend with GE	$	6,148,830
JGS MCT & ACT Debris Screens Replacement	$	159,856
JGS Multimedia filtration Pilot Skid	$	2,539,508
JGS New Roadways and Sidewalks	$	1,349,043
JGS NOx Desuperheating Stations	$	3,617
JGS Permenant Cold Storage Building	$	44,063
JGS -Small Pumps and Motors 2021	$	92,256
JGS ST U8 Generator Rotor Rewind	$	1,180,983
JGS STG U9 BREAKER REPLACEMENT	$	87,665
JGS Task Force Lockers Replacement	$	24,147
JGS Turbine Control System Replacement	$	54,254
JGS U9 Exciter Replacement	$	91,734
JGS-2021 Base Outage	$	477,497
JGS-Condenser Air Ejector Vlv Automation	$	4,340
JGS-Turbine Bldg Temp Control Replacemen	$	129,613
JHC 1 Clean Air	$	956,557
JHC 1 PJFF Filter Bag Replacement	$	956,557
JHC 1 Plt Mods	$	2,158,663
5473 -JHC 1 B Condensate Pump Overhaul	$	224,776
JHC 1 1A & 1B Vacuum Pump Repl. Study	$	50,524
JHC 1 A Hydraulic Coupling Brake Replace	$	(59)
JHC 1 APH Basket and Seal Replacement	$	1,210,006
JHC 1 B Hydraulic Coupling Brake Replace	$	438
JHC 1 Boiler Feed Pump Overhaul	$	18,885
JHC 1 C Mill Exhauster Wheel Replacement	$	151,542
JHC 1 DCS and Simulator Upgrade	$	4,166
JHC 1 E Mill Exhauster Wheel Replacement	$	190,360
JHC 1 HP Turbine Blading Replacement	$	(7,387)
JHC 1 Hydrojet Control Replacement	$	95,265
JHC 1 LP Turbine Blading Repl (Row L-O)	$	(119,205)
JHC 1 SH Outlet Pendant (Partial Repl)	$	(973)
JHC 1 Spare BCWP Motor Purchase	$	(0)
JHC 1 Upgrade Exciter Controls	$	106,180
JHC 1D Mill	$	59,569
JHC U1 C Mill Exhauster Wheel & Bearing	$	181,363
JHC1 Turbine Lube Oil Cooler Replacement	$	(6,784)
JHC 1&2 Cmns-316b	$	(51,087)
JHC 1&2 316B FISH ENTRAINMENT	$	(51,087)
JHC 1&2 Cmns-Clean Air	$	-
JHC Site Btm Ash Pond Closure GndrMonito	$	-
JHC 1&2 Cmns-Plt Mods	$	382,111
JHC 1&2 8 AH Water Booster Pump Rebuild	$	47,228
JHC 1&2 Hoist Rplmt (SN BEH7891SR)	$	4,179
JHC 1&2 Joy House Serv Air Compr Rmvl	$	-
JHC 1&2 New UV Angel Lighting	$	129,152
JHC 1&2 Plant Heating System	$	22,004
JHC 1&2 Small Tools and Work Eq	$	63,468
JHC Exhauster Vacuum Assembly	$	48,798
JHC MDC & Warehouse Lighting	$	-
JHC Site Radio Repeaters	$	(55)
JHC Site Small Tools and Work Equipment	$	49,830
JHC Site Yard Drainage System - Annex	$	958
JHC1 and 2 DME Install NERC Required	$	16,548

MICHIGAN PUBLIC SERVICE COMMISSION Case No. U-21870
Consumers Energy Company WP-RTB-15
Generation Capital Summary Page 4 of 9
2021 Project Actual Capital Expenditures

JHC 1&2 F/H-Plt Mods	$	30,845
JHC 1&2 Dumper Lighting Replacement	$	30,069
JHC FH #8 Waster Booster Pump Rewind	$	(5)
JHC FH 1&2 Dumper Level Indc Replmt	$	781
JHC 1-3 Cmns-Clean Air	$	561,163
JHC 1&2 Ash Piping Project	$	484,978
JHC Site UBAS Capital Replmts (2021)	$	76,185
JHC 1-3 Cmns-Plt Mods	$	7,887,039
10714 -JHC FH 24B Gearbox Emergency	$	65,907
10719 - JHC Site N&S Pigeon Lake Jetties	$	28,446
JHC 3 Control Room HVAC Replacement	$	2,397
JHC FH Rail Replacements	$	162,596
JHC Fire Alarm Panel	$	16,629
JHC Leachate	$	277,485
JHC MCC 77E Transformer	$	(5,182)
JHC MDC Fire System Wireless Link	$	46,674
JHC Site Btm Ash Tanks Chem Tmt System	$	514,241
JHC Site Campbell UBAS Upgrades	$	9,945
JHC Site Dry Ash Landfill Cell Cnst/Pmtg	$	5,629,667
JHC Site Fire Hydrant and PIV Replmts	$	(8,448)
JHC Site Phase 1 Potable Water Study	$	165,865
JHC Site RAP System for Landfill	$	364,114
JHC Site Rev Osmosis Membrane Rplmt	$	(68)
JHC Site SEEG WW Treatment & Closed Loop	$	520,447
JHC Steam Tie Line Replacement	$	96,326
JHC 1-3 F/H-Clean Air	$	(1,188)
JHC Coal Pile Runoff	$	(908)
JHC FH Dust Collector Bag Rpmt (2020)	$	(118)
JHC FH Silo Sump Discharge Relocation	$	(163)
JHC 1-3 F/H-Plt Mods	$	899,861
10692 -JHC 3 Dumper Sump Pumps	$	57,291
5480 -JHC FH Repl FH Conv Belts (2021)	$	164,630
JHC FH - Transfer House Control Room	$	11,253
JHC FH 10B Dumper Conveyor Gearbox Repla	$	(811)
JHC FH 31 B Conveyor Power Feed Replacmt	$	9,390
JHC FH 3-30 Hydrant Replacement	$	(1,501)
JHC FH Dust Coll Bag Replmts (1,2,9)	$	150,894
JHC FH Replace Conveyor Belts (2020)	$	(0)
JHC FH Shelving Rplmts in Warehouse	$	(81)
JHC Site FH Dust Coll Cyclone CO Monitor	$	508,796
JHC 2 Clean Air	$	154,350
JHC2 Catalyst Replacement	$	154,350
JHC 2 Plt Mods	$	28,705,206
JHC 2 4160 Volt Switchgear (AQCS)	$	(2,576)
JHC 2 6 Comb. Air Heat Exchng Banks	$	444,666
JHC 2 A CCWP Overhaul	$	341,429
JHC 2 B CCWP Overhaul	$	347,169
JHC 2 B Condensate Pump Overhaul	$	237,300
JHC 2 Beckwith Relay	$	18,080
JHC 2 BFP Recirc Flow Ctrl/Iso Vlv Repla	$	244,428
JHC 2 DCS Replacement	$	(157)
JHC 2 Fluid Drive Auto Oil Level Ctrl	$	1,078,423
JHC 2 Furnace Fluid Outlet Sfty Vlv Repl	$	106,714
JHC 2 Generator Rewedge	$	2,104,566
JHC 2 GSU Transformer Bushing Replacemt	$	34,342
JHC 2 HP-IP Rotor Blade Replacement	$	4,099,920
JHC 2 Hydrogen Dryer	$	32,161
JHC 2 Low Pressure Turbine Blade Replmt	$	6,301,624
JHC 2 Main Boiler Feedpump Overhaul	$	701,501
JHC 2 PJFF Bag Replacement	$	2,100,462
JHC 2 Rebuild Startup BFP Gearbox	$	263,267
JHC 2 Replace Air/Flue Gas Expan. Joints	$	(2,025)
JHC 2 RH Drying	$	(43,506)
JHC 2 RH Safety Valve Replacement	$	442,815
JHC 2 Sec Air Duct Insul Lag & Exp Joint	$	2,338,079
JHC 2 Turbine Auxiliary Oil Pump OH	$	279,198
JHC 2 Vacuum Dehydrator Skid Replacement	$	173,241
JHC 2A Mill	$	(185,732)
JHC 2G Mill	$	152,901
JHC Furnance Fluid Outlet Safety Valve	$	(8,140)
JHC U2 Air In Leakage Probe	$	14,872
JHC U2 Powdex Lift	$	19,020
JHC2 SAH Replace baskets and seals	$	4,221,167

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JHC 3 Clean Air	$	100,128
JHC 3 AQCS Byprodct Press Blow Mtr Rewnd	$	92,968
JHC 3 AQCS Surge Tanks for Water Hammer	$	2,201
JHC 3 PJFF Filter Bag Replacements	$	3,389
JHC 3 SCR Catalyst Managment (2019)	$	1,569
JHC 3 F/H-Plt Mods	$	158,200
JHC 3 Dumper Lighting Replacement	$	158,200
JHC 3 Plt Mods	$	10,339,724
10709-JHC3 Chimney Liner Exp Jt Replmt	$	46,306
5691 -JHC 3 Replace O2 Monitors	$	374,248
9526 -JHC 3 Replace ABB Damper Drives	$	241,176
JHC 10B Conveyor Table Cover Replacement	$	186,555
JHC 3 Stack Repl Aviation Obstr Lightg	$	(158)
JHC 3 7A HP Feedwater Heater Replacement	$	13,326
JHC 3 8A HP Feedwater Heater Replacement	$	(13,589)
JHC 3 A Mill Complete Overhaul	$	353,675
JHC 3 Axis Water Canon Controllers	$	49,216
JHC 3 Boiler Feed Pump Element Overhaul	$	161,014
JHC 3 Boiler Power Electmagnetic Rel Vlv	$	248,518
JHC 3 CO2 Skid Replacement	$	68,919
JHC 3 Cross-tie 8-1 and 8-2 Trsfmrs	$	70,937
JHC 3 D Mill Class Bearing Asmbly Repmt	$	76,725
JHC 3 DI Process Wells 9 & 10 Relocation	$	246,997
JHC 3 Diesel Generator Controls	$	593,922
JHC 3 EHC Fluid Purification Sys Replmt	$	91,164
JHC 3 FD Fan CEE Motor Removal	$	-
JHC 3 FD Fan Vibration Monitor Equipment	$	137,772
JHC 3 HSAC Replacement	$	716,906
JHC 3 Hydrogen Dryer Replacement	$	84,548
JHC 3 Hydrogen Seal Vacuum Pump Repmt	$	18,064
JHC 3 LP A, B & C Turbine Replacements	$	(8)
JHC 3 Main Sewage Line Replacement	$	(139,027)
JHC 3 New UV Angle Lighting	$	148,295
JHC 3 Primary Air Fan Motor Foundations	$	(7,758)
JHC 3 Primary Air Fan Motor Vibr Monitor	$	173,100
JHC 3 Reheat Sootblower	$	1,407,121
JHC 3 Replace 480V cables to MCC 33C2	$	58,853
JHC 3 Replace 8-1 138kV Pole	$	6,497
JHC 3 Replace Burner Flame Sensor Ctrlrs	$	824,812
JHC 3 Replace Lake MI Intake Screens	$	1,118,939
JHC 3 RO Sump Pump (installed backup)	$	(336)
JHC 3 Sample Conditioning System	$	264
JHC 3 Small Tools and Work Eq	$	68,715
JHC 3 Sodium Analyzer Replacement	$	32,905
JHC 3 Turbine Drains Erosion Damage Engi	$	1,231
JHC 3 UBAS Silo Sfty Relief Valve Rpl	$	108,556
JHC 3 Windbox Seal & Front Wtrwall Tubes	$	1,005,169
JHC 3A Mail Sump Pump & Motor Overhaul	$	(235)
JHC U3 Air-In-Leakage Probe	$	3,197
JHC U3 Ash Pit Clinker Grinder A Replace	$	73,840
JHC U3 Boiler Valve & Actuator Replace	$	32,170
JHC U3 Gate Valves	$	26,538
JHC U3 Hg CEMS Analyzer and Server	$	36,739
JHC U3 Mill Gearbox Overhaul	$	281,540
JHC Unit 3 G Mill Dynamic Classifier VFD	$	17,631
JHC3 8 Bank 6 9kV non-seg bus insulators	$	(7)
JHC3 8-2 Line Switch Replacement	$	101,385
JHC3 Ash Silo Secondary Elec Source	$	247,110
JHC3 Number 8 Trans Bushings replacement	$	7,761
JHC3 Repl FD fan lube-hydraulic oil skid	$	(27,902)
JHC3 Replace Burner Primary Air Tubes	$	8,682
JHC3 Sootblowing Air Compressor OH(2020)	$	950,097
JHC3 Superheat Terminal Tube Replacement	$	(138)
JHC3 Trans & 345kV Line Relay Protection	$	7,747
K/W F/H Cmns-Plt Mods	$	54,991
K/W F/H Small Tools and Work Eq	$	54,991
K/W Site-Plt Mods	$	878,573
Karn (Generation) Cyber Security PWCS	$	410,398
Karn GW & Corrective Action Monitoring	$	-
Karn Landfill RAP	$	-
Karn Site Firewall & Switch Replacements	$	50,995
Karn Sm Valves and Instrumentation-2021	$	236,409
Karn Small Pumps and Motors 2021	$	164,634
Karn Warehouse Circuit Board	$	(282)
Karn Warehouse Garage Door Replacement	$	16,419

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Karn 1 - Clean Air	$	124
Karn 1 Opacity Monitor Replacement	$	124
Karn 1 - Plt Mods	$	270,594
K1 Reheat Drying System	$	(27,276)
K2 Feeder / Mill Coal Isolation Valve	$	(0)
Karn 1 Balance of Plant Equipment Replac	$	38,032
Karn 1 Major Motor and Pump Overhauls	$	165,606
Karn 1 Mill Exhauster Wheel Replacement	$	89,238
Karn 1 SCR 2nd Layer Catalyst Replacemen	$	49
Karn 1D BCWP	$	4,944
Karn 1&2 Cmns-Clean Air	$	141,245
DEK Bottom Ash Pond Closure	$	-
K1&2 Double Lined Pond	$	421
Karn 1&2 RCRA	$	-
Karn 2 SDA Recycle Filter Bag Replace	$	140,823
Karn Pond A West 2 & C2 Capping 2017	$	-
Karn 1&2 Cmns-Plt Mods	$	283,048
Karn 1&2 CAUSTIC RM HYDRONIC HTRS RPL	$	2,203
K1&2 #7 Transformer CT Replacement	$	(53,967)
K1&2 Office HVAC Radiant Heat Replacemen	$	(36,274)
K1&2 Rail Track Replacement	$	94,383
K12 Plant Vacuum Cleaning System	$	(51,590)
Karn 1&2 Centric Clutch Coupler	$	2,750
Karn 1&2 Hydrogen Coolers Rebuild	$	367
Karn 1&2 SBAC "B" Overhaul	$	262,997
Karn 1&2 Small Tools and Work Eq	$	13,788
Karn 1-4 CO2 tank and compressor	$	(20)
Karn Small Pumps and Motors - 2020	$	48,412
Karn 1&2 F/H-Plt Mods	$	(3,189)
Karn FH Tank Farm Oil Station Liner	$	(3,189)
Karn 2 - Clean Air	$	46,673
K2 - Fabric Filter Bag Replacement	$	(29,358)
K2 SCR Catalyst Layer Replacement	$	76,031
Karn 2 - Plt Mods	$	(8,580)
K2 B BFP Remachine Barrel and Element	$	65
K2 Boiler Stm Drum Level Controls	$	(61,173)
K2 Mill Discharge Valve Replacement	$	15,412
K2 MILL DISCHARGE VALVE STUDY	$	(16,223)
K2 NOx Analyzers & PLC Controls Rplcmt	$	11,926
KARN 2 SPRING CAN REPLACEMENTS	$	41,412
Karn 3 - Plt Mods	$	(475,583)
K3 A Fan Insulation	$	(5,068)
K3 Exciter Cubicle Hydrogen Monitors	$	16,572
K3 N. Stator Cooling Water Cooler Retube	$	51,833
K3 Retube S. Stator Cooling Water Cooler	$	72,415
Karn 1&2 Fuel Handling/Infrastructure	$	82,595
Karn 3 Breeching ID Fan to Stack	$	(851,132)
Karn 3 Cooling Tower Fan #7 Replacement	$	157,202
Karn 3&4 Cmns-Clean Air	$	70,349
Karn 3&4 Bulk Hydrogen Supply Line	$	69,120
Karn 3&4 Generating Cooling Fan Panels	$	1,229
Karn 3&4 Cmns-Plt Mods	$	3,339,250
K3&4 Tank Farm Fire Pond Sump Pumps	$	0
Karen 3&4 Condensate Conductivity Meter	$	3,574
Karn 3 and 4 Oil Forwarding Line Heat Tr	$	3,969
Karn 3 Cooling Tower Riser Replacements	$	663,018
Karn 3&4 8th Floor Lighting Replacement	$	42,214
Karn 3&4 Screen Drive Replacement	$	913,890
Karn 3&4 Small Tools and Work Eq	$	21,000
Karn 3&4 Startup Optimization	$	1,467,710
Karn 3&4 Sump Line Replacement	$	195,101
Karn 3&4 Sync Wire Replacement	$	3,430
Karn 3&4 Tank Farm Tank Heating Line	$	4,549
Karn Warehouse Lift Station Piping	$	20,795
Karn 4 - Plt Mods	$	4,655,564
K4 - 2010 Fan Lube Oil Instruments	$	(4,057)
K4 EHC System Retrofit	$	270,688
K4 Rplc Cooling Tower Internal Structure	$	(1,732)
Karn 3<(>&<)>4 Ductwork Expansion Joint	$	1,391,849
KARN 4 B CONDENSATE PUMP REPLACEMENT	$	139,251
Karn 4 B ID Fan Rotor Replacement	$	2,356,541
Karn 4 Boiler Lagging/Insulation Replace	$	89
Karn 4 Cooling Tower Riser Replacement	$	502,936
Lab Services	$	594,816
ESD Lab Services Capital 2015	$	594,816

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Loud	$	4,404,349
Loud Chamber Fill	$	207,030
Loud Plant Lighting Project	$	101,201
Loud Powerhouse Window Replacement	$	83
Loud Roadway Replacement	$	112,839
Loud Spillway Gate Hoist Replacement	$	70,724
Loud Training Wall	$	3,817,577
Loud Trash Rack Ergonomics	$	94,895
Ludington 1-6	$	18,235,604
LPS - Main Transformer Bank Project	$	14,764
LPS - Upper Reservoir Asphalt & Liner	$	5,807,910
LPS 16-401 Sequence of Events Recorder	$	(4,943)
LPS 18-401 CO2 Fire Protection Systm Rpl	$	(3,062)
LPS 19-420 Station Battery Replacement	$	1,891
LPS 480V MCC for DLC	$	898,005
LPS Annunciator Panel Upgrade	$	1,140,893
LPS Barrier Net Anchor Pile Rplc 2021-22	$	46,196
LPS Barrier Net Anchors	$	74,733
LPS Cooling Water Pressure Surge Correct	$	331,157
LPS Cooling Water Strainer Replacement	$	12,961
LPS Crane Lighting Replacements	$	17,471
LPS Dam Safety Monitoring Integration	$	140,104
LPS DCS Control Relay Replacement	$	62,230
LPS Depreciation Rate Case Eng Study	$	(174)
LPS Design & Install Net Barrier (AMP)	$	609,847
LPS Emergency Diesel Generator & Bus 4	$	1,233,524
LPS Global 480V Weld Receptacle Replace	$	12,679
LPS HVAC Replacement	$	36,547
LPS Intake Gate & Gate House	$	4,901
LPS Kristler Road Parking lot	$	16,432
LPS Pigeon Lake Boardwalk Rip Rap	$	346
LPS Powerhouse Roof	$	51,779
LPS Re-Licensing	$	(1,797)
LPS Replace Barrier Net Panels	$	0
LPS Replace Barrier Net Panels 2021	$	234,994
LPS Replace Lower Penstock Expansion	$	5,619,621
LPS Replace Station Air Compressors	$	481,552
LPS Replacement of LPS DAC 1&2	$	415,623
LPS Reservoir Level Signal Replacement	$	1,401
LPS Small Equipment 2020	$	18,382
LPS Spare breaker procurement	$	108,402
LPS Station Power Transformer U Bushing	$	42,576
LPS Tailrace Boat Launch	$	19,223
LPS U2 South Trash Rack Replacement	$	227,396
LPS U3 South Trash Rack Replacement	$	285,663
LPS-Depressing Air Compressor Controls	$	448
Small Equipment 2018 - LPS	$	(6,477)
Small Equipment 2019 - LPS	$	1,897
Small Equipment 2021 - LPS	$	280,510
Ludington Major Overhauls	$	6,858,347
02785 LPS MAJOR OVERHAULS-ALL SIX UNITS	$	6,858,347
Major Projects & Construction	$	190
MPC Computer Equipment	$	190
Mio	$	1,802,915
Mio 2 Bearings Replacement	$	75,460
Mio Capital Projects	$	(919)
Mio Downstream Reverse Filter	$	43,181
Mio Electrical Safety Project	$	464,267
Mio Left Retaining Wall Replacement	$	90,791
Mio Middle Embankment Erosion Protection	$	38,372
Mio Plant Lighting Replacements	$	(10,285)
Mio Spill Valve Control	$	163,997
Mio Spillway Gate Hoist Concrete Replace	$	939,815
Mio Station Battery Replacement	$	6,592
MIO-Legacy Ladder Upgrade	$	(8,355)
Plant Operations / Admin	$	2,611,903
EPMO TRANSFORMATION PROJ CAPITAL	$	2,124,046
Generation Capital	$	486,722
Misc Office Equipment & Computers	$	1,142
Plant Ops Capital Equipment	$	(7)
Rogers	$	614,842
Hydro - Oil Water Seperators	$	554
Rogers EAP Headwater Gauges	$	(1,350)
Rogers Electrical Safety	$	20,300
Rogers Governor Replacement	$	3,677
Rogers Legacy Ladder Upgrades	$	(4,282)
Rogers Lighting Replacement Project	$	83,278
Rogers PMF Study Improvements	$	315,877
Rogers Remote Spill Control	$	177,158
Rogers Spill Containment	$	19,630

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Solar - General	$	22,826,387
Angus Solar	$	26,749
Blissfield/Palmyra Solar	$	431,223
Mustang Mile Solar Energy Center	$	2,689,464
Solar 2021 Bid Event IRP	$	278,121
Solar Chapin Area	$	501,639
Solar Karn Area	$	584,901
Spring Creek Solar	$	15,837,401
Washtenaw Solar - IRP	$	2,476,890
Tippy	$	100,331
Tippy EAP Headwater Gauges	$	(1,734)
Tippy Legacy Ladder	$	(508)
Tippy Lighting Replacement Project	$	102,573
Weadock 7&8 Cmns-Clean Air	$	-
JCW 7&8 RCRA	$	-
JCW Bottom Ash RCRA Compliance	$	-
Weadock 7&8 Cmns-Plt Mods	$	(1,785)
JCW BAP Monitoring Wells (RCRA)	$	(1,785)
JCW GW & Corrective Action Monitoring	$	-
Webber	$	27,956
Overhaul Webber Unit 1	$	21,544
Webber Downstream Training Wall	$	21,300
Webber EAP Headwater Gauges	$	(2,258)
Webber Governor Replacement	$	178
Webber Legacy Ladder Upgrades	$	(6,577)
Webber Plant Lighting	$	(6,232)
Whiting 1-3 - Cmns-Clean Air	$	-
JRW Ashponds 1&2 Closure	$	-
Whiting 1-3 - Cmns-Plt Mods	$	-
JRW GW & Corrective Action Monitoring	$	-
Zeeland 1&2-Cmns-Plt Mods	$	136,570
ZGS - Base Outage Capital	$	(14,253)
ZGS - AC Replacement Ph1	$	124,093
ZGS - Fire Panel Replacement	$	25,124
ZGS Phase 1 Station & GT Battery Replace	$	1,606
Zeeland 1-3-Cmns-Plt Mods	$	10,033,503
Zeeland GE LTSA Pmts -Combine Cycle	$	3,970,197
Zeeland Site Small Pumps and Motors	$	146,462
Zeeland Small Tools	$	62,355
ZGS - 345V Breaker Failure Replacement	$	223,478
ZGS - AC Replacement Cooling Towers	$	8,247
ZGS - Cooling Tower Fill	$	19,441
ZGS - Gas Line Metering System	$	663,814
ZGS - HRSG Casing Replacement	$	308,214
ZGS - LED Lighting Upgrade	$	6,593
ZGS - LTSA Extras not incl in contract	$	463,807
ZGS - NERC Relay Replacement	$	(190,609)
ZGS - Phase 1 LCI Upgrade	$	988,310
ZGS - Replace brush holders & H2 Seals	$	330,001
ZGS - Replace RO System Analyzer	$	45,762
ZGS - RO Controls and VFD Replacement	$	1,342,291
ZGS - Rplce ManagAir Compressor Monitor	$	11,934
ZGS - Site BOP DCS Upgrade - Evergreen	$	(5,290)
ZGS - Sliding P2 Pressure Phase I	$	593,859
ZGS - Smart Signal	$	(52,936)
ZGS 480V Circuit Breaker Coord Sys Rplc	$	234,754
ZGS 500 Breaker CT and Meter Replacement	$	189
ZGS Annunciator Panel Install for Xfmrs	$	318,928
ZGS Base Outage Capital	$	274,382
ZGS Fire Panel Replacement	$	15,261
ZGS Site Commons Safety Platforms	$	242,024
ZGS Small Valves and Instrumentation	$	12,034
Zeeland 1-Plt Mods	$	1,222,301
Zeeland GE LTSA Pmts - Unit 1A	$	854,643
ZGS - 1A GSU Replacement	$	367,652
ZGS - Phase 1 345kV Surge Arrester Repla	$	6
Zeeland 2-Plt Mods	$	1,095,566
Zeeland GE LTSA Payments - Unit 1B	$	1,095,566

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Zeeland 3-Plt Mods	$	5,769,254
ZGS - AC Replacement Ph2	$	100,150
ZGS - Amine System Replacement	$	63
ZGS - Aurora Breaker Project	$	(13,415)
ZGS - Boiler Feedwater Pump Overhaul	$	351,072
ZGS - CEMS Replacement	$	260,382
ZGS - Chemistry Lab	$	82,146
ZGS - Duct Burners 2A & 2B Controls Repl	$	428,203
ZGS - HRSG 3 HPSH Header Temp Indication	$	(39,741)
ZGS - HRSG Attic Doors Replacement	$	34,632
ZGS - Hydrogen Instrumentation	$	21,415
ZGS - Install New 4160V Cross Tie	$	1,865,783
ZGS - Phase 2 345kV Surge Arrester Repla	$	12,759
ZGS - Phase 2 Deepwell Controls Replace	$	686,347
ZGS - Replace Auxiliary Boiler	$	(99,530)
ZGS - Revenue Grade Metering System 2A-C	$	9,224
ZGS - Sample Line Replacement	$	2,116,370
ZGS - Site - Small Valves & Instruments	$	(29,684)
ZGS - Stack Damper Removal	$	-
ZGS - Substation Stone Replacement	$	(4,035)
ZGS 2C DC Station Battery Replacement	$	(15,309)
ZGS HRSG Fill Bootstrap System	$	(8)
ZGS Phase 2 GT Battery Replacement	$	(1,224)
ZGS Phase 2 Pipe Bridge Platform	$	3,654
Grand Total	$	182,027,717

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Row Labels	Sum of Cost
Alcona	**$ 1,063,130.88**
2019 Alcona Tailrace & Canoe Portage	$ 15,275.84
Alcona 2 Wicket Gate & Bearing Rplcmt	$ 4,276.78
Alcona Corewall Replacement	$ 47,791.55
Alcona Emergency Spillway	$ 168,215.00
Alcona Powerhouse Window Replacement	$ (6,591.78)
Alcona Relief Well Install 2021-2022	$ 811,434.24
Alcona Relief Well Installation 2018-19	$ (50,566.19)
Alcona Spill Valve Control	$ 44,503.12
Alcona Trash Rack Ergonomics	$ 28,792.32
Allegan	**$ 126,960.02**
Allegan 2 Turbine Guide Bearing	$ 911.63
Allegan U2 Exciter Rewind	$ 112,229.37
Calkins Bridge Fishing Pier	$ (36,905.30)
Calkins Bridge Head Gates	$ (10,205.04)
Caulkins Bridge Electrical Station	$ 60,929.36
Battery Storage	**$ 23,124.40**
Cadiilac Battery Storage	$ 23,124.40
Cadillac Headquarters	**$ (32,936.33)**
River Hydro Trash Rack Ergonomics	$ (18,355.56)
Small Equipment 2018 - Hydros	$ (7,295.53)
Small Equipment 2020	$ (7,285.24)
Cobb 1-5 - Cmns-Clean Air	**$ -**
BCC Bottom Ash Pond Closure	$ -
Cobb 1-5 - Cmns-Plt Mods	**$ -**
BCC GROUNDWATER & CORR ACTION MONITORING	$ -
Cobb 4-Clean Air	**$ -**
BCC Landfill Perimeter Fence	$ -
Combustion Turbines-Plt Mods	**$ -**
CT Fleet Retirement & Decommissioning	$ -
Cooke	**$ 609,985.11**
Cooke 2 Wicket Gates	$ 22,316.04
Cooke Governor Replacement	$ (201,686.76)
Cooke Headgate Replacement	$ 104,036.10
Cooke Midslope Retaining Wall Replacemen	$ 219,331.03
Cooke Plant Lighting Project	$ 6,166.03
Cooke Roadway Replacement	$ 114.88
Cooke Spillway Gate Hoist Concrete Repla	$ 616,210.19
Cooke Trash Rack Ergonomics	$ (130,519.03)
Replace Cooke Wicket Gates & Bushings	$ (25,983.37)

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Cresent Wind	**$**	**101,093.58**
Crescent Wind Small Equipment 2022	$	101,093.58
Cresent Wind Farm	**$**	**(2,102.92)**
Crescent GBX Debris Monitoring System	$	10,615.05
Crescent Wind Project	$	(12,717.97)
Cross Winds Energy Park	**$**	**306,381.96**
00959 Wind Energy Project Development	$	15,748.73
Cross Winds GE Wind SCADA Server	$	290,496.01
LWE Gearbox Debris Monitoring System	$	137.22
T-11 WIND FARM - TUSCOLA COUNTY	$	-
Croton	**$**	**2,707,430.07**
Croton 1 & 2 Wicket Gate	$	4,072,083.18
Croton 2 Generator Rewind	$	(45,466.38)
Croton Governor Replacement	$	(196,186.26)
Croton Main Cable Replacement	$	(13,780.30)
Croton Right Abutment Replacement	$	(955,503.74)
Croton Sand Valves	$	(17,879.95)
Croton U3 & 4 Trust Bearing Oil Coolers	$	-
Replace Croton Trash Racks	$	(135,836.48)
Croton Headquarters	**$**	**(2,984.21)**
Croton Lighting	$	(2,984.21)
CWEP	**$**	**6,284,735.20**
Cross Winds Gearboxes	$	1,842,456.62
Cross Winds Pitch Motor	$	8,592.87
Cross Winds Pitch Motor 2022	$	124,896.46
Cross Winds Small Equipment 2022	$	88,183.70
Cross Winds Substation Animal Fencing	$	(46,710.51)
Cross Winds T3 Gearbox Replacement	$	14,614.34
Cross Winds Transfomer Vault Pads	$	76,404.22
Cross Winds Ultracapacitors	$	1,107,574.87
Cross Winds WEPA Boards	$	76,049.52
Cross Winds WETA Boards	$	33,569.16
CWEP Blade Bearing and Blade Work	$	22,592.05
CWEP T64 Generator Replacement	$	(0.01)
Small Equipment 2021 - CWEP	$	15,532.39
Wind Arc Flash Suits	$	69,000.00
Wind Onyx Vibration Monitoring Project	$	2,851,979.52
Environmental Services	**$**	**4,547,294.22**
2010 ENVIRONMENTAL SERVICES OFFICE EQUIP	$	4,547,294.22

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Equipment Services	**$**	**63,732.70**
ESD Engineering Small Tools Capital	$	63,732.70
Five Channels	**$**	**310,473.75**
5CH Storage Building Roof Replacement	$	(2,090.24)
FC 1 Wicket Gates	$	11.56
FC Plant Lighting Project	$	61,381.74
FC Right or South Side Erosion	$	(3,980.07)
FC Trash Rack Ergonomics Project	$	13,584.53
Five Channels Corewall Replacement	$	44,790.11
Five Channels Governor Replacement	$	(81,774.92)
Five Channels Headgate Project	$	203,952.00
Five Channels PW-5 Replacement Project	$	13,976.42
Hydro Seal Heater Replacement	$	60,622.62
Five Channels Headquarters	**$**	**407,913.84**
FC Dead Bay and Log Chute Replacement	$	98,298.07
Hydro Standard Barrier Replacements	$	309,615.77
Foote	**$**	**1,925,345.07**
Foote ADA Ramp Replacement	$	291,489.82
Foote Emergency Generator Replacement	$	(18,600.40)
Foote Governor Replacement	$	697,163.15
Foote Roadway Replacement	$	124,872.03
Foote Spillway Gate Hoist Concrete Repla	$	33,903.87
Foote Station Battery Replacement	$	3,064.62
Foote Trash Rack Ergonomics	$	793,451.98
Gratiot Wind	**$**	**480,828.90**
Gratiot Farms Small Equipment 2022	$	48,323.78
Wind Onyx Vibration Monitoring Project	$	432,505.12
Gratiot Wind Farm	**$**	**279,678.74**
Gratiot Farms Wind Project	$	266,675.05
Gratiot GBX Debris Monitoring System	$	13,003.69
GVSU Solar Garden	**$**	**63,280.01**
Solar Cleaning Robot	$	63,280.01
Hardy	**$**	**2,567,354.98**
Hardy Auxiliary Spillway	$	3,095,883.93
Hardy Dam Safety Monitoring Integration	$	310,802.72
Hardy Dormer Door Replacement	$	42,417.96
Hardy Intake Tower Bridge Replacement	$	30,301.86
Hardy Penstock Fill Valve Replacement	$	14,215.51
Hardy Relief Well Area Walkway Project	$	3,797.66
Hardy Road Replacement	$	633,271.66
Hardy Spill Tube Remediation Project	$	(2,559,581.59)
Hardy Splash Wall Replacement	$	327,515.24
Hardy Station Battery Replacement	$	184,153.32
Hardy Tipping Weir Wall	$	(33,955.46)
Hardy U2 Penstock Valve Replacement	$	197,041.58
Hardy Unit 1 Drain Line Valve Repalce	$	126,763.60
RH Part 12D Remediation Capital Prj 2017	$	194,726.99

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Hartland Wind Farms	**$ 186,848,286.35**
Heartland Farms Wind Project	$ 186,848,286.35
Hodenpyl	**$ 6,679,685.21**
Hodenpyl 1 Generator Rewind	$ 14,613.09
Hodenpyl Buoys	$ 7,743.81
Hodenpyl Downstream Wall Replacement	$ 31,745.11
Hodenpyl Electrical Safety	$ 3,169,747.28
Hodenpyl Emergency Spillway Evaluation	$ (2,290.27)
Hodenpyl Gate Hoist	$ 1,711,979.78
Hodenpyl Transformer & Foundation	$ 1,746,146.41
Hydros	**$ 621,206.44**
Alcona New Auxillary Generator	$ 134,536.40
Croton 246 OCB and Booster Xfmr Replace	$ 271,647.20
Hardy Rt Embankment Toe Drain	$ (928.68)
Hydro Small Equipment 2021	$ (2,837.05)
Hydro Small Equipment 2022	$ 136,896.06
Loud Station Battery Replacement	$ 81,892.51
Jackson Generating Station	**$ 32,540,180.39**
Jackson Generating Station-Small Tools	$ 119,312.01
Jackson Site Generating Water	$ 756,862.68
JGS - 2019 Circ Pump and Aux Circ Motor	$ -
JGS - HRSG Duct Burner Replacements	$ 204,278.10
JGS - LM1 & LM6 expansion joint replacem	$ 88,374.17
JGS - LM6000 Beckwith Relay Replacement	$ 75,256.87
JGS - Plmouth St. Sub Line Relay Replace	$ 654,094.35
JGS - Waste Water Sump Project	$ 6,771.35
JGS 2018 GE LTSA Historical Extra Work	$ (180,920.67)
JGS 2019 Base Outage-Many Small Projects	$ (1,873.51)
JGS 2021 Small Valves & Instrumentation	$ (13,627.83)
JGS 2022 Base Outage-Capital	$ 687,761.21
JGS 7EA 52G Breaker	$ 4,865.03
JGS 7EA BREAKER REPLACEMENT	$ (4,865.03)
JGS 7EA Turbine Casing	$ (37,099.84)
JGS Chiller "A" Dual Compressor Overhaul	$ 384,290.26
JGS- Circ Pump & Aux Circ Motor Overhaul	$ 44,915.16
JGS -Control room and WTB HVAC controls	$ 130,698.45
JGS Cooling Tower Foundation and Support	$ 244,469.55
JGS Cooling Tower Motor VFD	$ 3,593.51
JGS CTW Acid Feed System	$ 117,941.32
JGS Engine Trolley Beam System	$ 16,163.39
JGS F Chiller Compress Replacement	$ -
JGS Fall Protection	$ 241.00
JGS Garage Door Safety Stops	$ 22,929.66
JGS GE LTSA Historical Extra Work-2022	$ 3,919,897.35
JGS Gutter Deicing System	$ 345,151.97
JGS Gutter System on Admin Bldg	$ 38,090.01
JGS LTSA spend with GE	$ 7,734,127.05
JGS- MCE Protection Covers	$ 132,607.05
JGS MCT & ACT Debris Screens Replacement	$ 122,986.53
JGS Multimedia filtration Pilot Skid	$ 16,237,010.50
JGS New Roadways and Sidewalks	$ (94,433.62)
JGS NOx Umbilical Replacements	$ 91,377.18
JGS Permenant Cold Storage Building	$ 101,151.86
JGS PLANT EMERGENCY LIGHTS	$ 35,199.13
JGS RO A/B/C 1st Membrane Replacement	$ 171,847.70
JGS -Small Pumps and Motors 2022	$ 69,560.11
JGS ST U8 Generator Rotor Rewind	$ (70,225.70)
JGS Turbine Control System Replacement	$ 92,887.10
JGS WTB 10-ton AC Unit/Electrical room	$ 46,711.64
JGS-2021 Base Outage	$ (1,521.39)
JGS-SMALL VALVES & INSTRUMENTATION 2022	$ 229,359.36
JGS-Turbine Bldg Vent Damper Operate Sys	$ 7,685.21
JGS-U7 LOAD TUNNEL VIBRATION SYSTEM	$ 19,507.03
Small Valves and Instrumentation	$ (13,226.87)

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JHC 1 Clean Air	**$**	**1,039,709.33**
JHC 1 PJFF Filter Bag Replacement	$	1,039,709.33
JHC 1 Plt Mods	**$**	**2,592,222.50**
5473 -JHC 1 B Condensate Pump Overhaul	$	(0.01)
JHC 1 1-17-FV-08 Valve Replacement	$	11,448.03
JHC 1 1A & 1B Vacuum Pump Repl. Study	$	15,922.17
JHC 1 APH Basket and Seal Replacement	$	1,819,220.43
JHC 1 B Hydraulic Coupling Brake Replace	$	32,083.16
JHC 1 DCS and Simulator Upgrade	$	82,701.81
JHC 1 HPH DRAIN PUMP A	$	17,483.18
JHC 1 Hydrojet Control Replacement	$	11,088.55
JHC 1 IKPC SB VFD Replacement	$	9,001.16
JHC 1 Upgrade Exciter Controls	$	(74,938.33)
JHC 1A Condensate Pump Overhaul	$	170,094.05
JHC 1A Mill Exhstr Whl & Brng Rplcmnt	$	159,835.89
JHC 1B Mill Exhauster	$	(2,078.02)
JHC 1B Mill Exhstr Whl & Brng Rplcmnt	$	204,954.28
JHC 1D Milll Wheel & Pedestal Bearing	$	150,255.09
JHC 1E Mill Exhauster	$	(14,848.94)
JHC 1&2 Cmns-Clean Air	**$**	**-**
JHC Site Btm Ash Pond Closure GndrMonito	$	-
JHC 1&2 Cmns-Plt Mods	**$**	**121,787.82**
JHC 1&2 DW Dischg Alt Feed Trnsmr Rplcmn	$	29,651.73
JHC 1&2 HPHS Water Pump 6	$	11,179.76
JHC 1&2 New UV Angel Lighting	$	15,211.80
JHC 1&2 Potable Water Line Insulation	$	47,947.51
JHC 1&2 Small Tools and Work Eq	$	150.40
JHC 2 N FEGT PROBE REPLACEMENT	$	13,895.45
JHC Site Small Tools and Work Equipment	$	3,751.17
JHC 1-3 Cmns-Clean Air	**$**	**101,968.25**
JHC Site UBAS Capital Replmts (2021)	$	101,968.25
JHC 1-3 Cmns-Plt Mods	**$**	**1,952,321.25**
10719 - JHC Site N&S Pigeon Lake Jetties	$	1,003,267.75
JHC FH Dust Collector Bag Replacement	$	50,645.19
JHC Leachate	$	91,547.43
JHC MDC Fire System Wireless Link	$	(156.06)
JHC Site "D" Deepwater Discharge Pump OH	$	0.35
JHC Site Btm Ash Tanks Chem Tmt System	$	159,276.01
JHC Site Dry Ash Landfill Cell Cnst/Pmtg	$	85,804.61
JHC Site Phase 1 Potable Water Study	$	83,891.04
JHC Site Potable Water Wells 4 and 6	$	92,146.90
JHC Site RAP System for Landfill	$	372,508.23
JHC Site SEEG WW Treatment & Closed Loop	$	13,389.80
JHC 1-3 F/H-Plt Mods	**$**	**13,890.07**
5480 -JHC FH Repl FH Conv Belts (2021)	$	12,099.39
JHC Design & Construct Ash Cell #5	$	(134.47)
JHC Site FH Dust Coll Cyclone CO Monitor	$	1,925.15
JHC 2 Plt Mods	**$**	**495,392.81**
JHC 2 6 Comb. Air Heat Exchng Banks	$	(7,626.04)
JHC 2 A CCWP Overhaul	$	2,728.78
JHC 2 B CCWP Overhaul	$	2,729.03
JHC 2 BFP Recirc Flow Ctrl/Iso Vlv Repla	$	2,670.66
JHC 2 Clean & Dirty Oil Tank Vac Dehydra	$	72,823.18
JHC 2 Fluid Drive Auto Oil Level Ctrl	$	110,593.62
JHC 2 Furnace Fluid Outlet Sfty Vlv Repl	$	2,141.21
JHC 2 Generator Rewedge	$	12,658.21
JHC 2 HP-IP Rotor Blade Replacement	$	97,979.87
JHC 2 Low Pressure Turbine Blade Replmt	$	365,923.75
JHC 2 Main Boiler Feedpump Overhaul	$	221,834.62
JHC 2 PJFF Bag Replacement	$	(322,304.30)
JHC 2 RH Drying	$	(4,130.25)
JHC 2 RH Safety Valve Replacement	$	(21,667.52)
JHC 2 Sec Air Duct Insul Lag & Exp Joint	$	52,591.29
JHC 2 Turbine Auxiliary Oil Pump OH	$	(0.60)
JHC 2 Vacuum Dehydrator Skid Replacement	$	1,234.78
JHC 2B Mill	$	(70,061.49)
JHC 2E Mill	$	(48,994.40)
JHC 2F Mill Capital Overhaul	$	(19,813.39)
JHC 2H Mill Capital Overhaul	$	(1,762.94)
JHC2 SAH Replace baskets and seals	$	45,844.74

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JHC 3 316b	**$**	**0.01**
JHC 3 Replace Layers 2&3 Catalyst (2016)	$	0.01
JHC 3 Clean Air	**$**	**1,234,543.09**
JHC 3 AQCS Byprodct Press Blow Mtr Rewnd	$	230.07
JHC 3 Catalyst Replacement ('22-'23)	$	1,195,901.04
JHC 3 PJFF Filter Bag Replacements	$	294.89
JHC 3 UBAS Replacements (2022)	$	38,117.09
JHC 3 Plt Mods	**$**	**7,164,780.83**
5691 -JHC 3 Replace O2 Monitors	$	896,987.39
9526 -JHC 3 Replace ABB Damper Drives	$	369,031.13
JHC 10B Conveyor Table Cover Replacement	$	5,893.52
JHC 3 #4 Potable Water & Well Pump	$	(4,597.88)
JHC 3 3A1-1 Top Gate Valve Replacement	$	29,732.87
JHC 3 8A HP Feedwater Heater Replacement	$	(1,053.79)
JHC 3 A Mill Complete Overhaul	$	0.01
JHC 3 AQCS Vacuum Exhauster E	$	49,416.05
JHC 3 Boiler Feed Pump Element Overhaul	$	(143,305.26)
JHC 3 Boiler Power Electmagnetic Rel Vlv	$	21,443.63
JHC 3 Bottom Ash Pipe Replacement	$	218,690.74
JHC 3 CO2 Skid Replacement	$	140,150.07
JHC 3 Cooling Water Make Up Pump B Rplcm	$	19,041.92
JHC 3 Cross-tie 8-1 and 8-2 Trsfmrs	$	692.15
JHC 3 DI Process Wells 9 & 10 Relocation	$	609,632.51
JHC 3 Diesel Generator Controls	$	1,172,322.13
JHC 3 DME PC Replacement	$	11,005.09
JHC 3 EHC Fluid Purification Sys Replmt	$	197,372.14
JHC 3 FD Fan Vibration Monitor Equipment	$	13,086.99
JHC 3 HSAC Replacement	$	1,207,207.05
JHC 3 Hydrogen Dryer Replacement	$	543.88
JHC 3 Loading Dock Entry Door Rplcmnt	$	10,596.46
JHC 3 Main Boiler Feed Pump B Replacemen	$	973,863.70
JHC 3 Mill Gearbox and Mill Overhaul	$	908,603.75
JHC 3 New UV Angle Lighting	$	15,357.09
JHC 3 PA Heater Finite Element Analysis	$	(0.29)
JHC 3 Primary Air Fan Motor Vibr Monitor	$	(3,764.88)
JHC 3 Reheat Sootblower	$	1,625.60
JHC 3 Replace Burner Flame Sensor Ctrlrs	$	(42,219.64)
JHC 3 Replace Lake MI Intake Screens	$	193,863.68
JHC 3 Small Tools and Work Eq	$	952.25
JHC 3 Sodium Analyzer Replacement	$	(280.56)
JHC 3 UBAS Silo Sfty Relief Valve Rpl	$	553.20
JHC 3 Water Qlty Chloride Analyzer Rplcm	$	31,523.42
JHC U3 C Mill Gearbox and Mill Overhaul	$	-
JHC U3 Mill Gearbox Overhaul	$	(313,625.09)
JHC3 8-2 Line Switch Replacement	$	(2,433.49)
JHC3 Ash Silo Secondary Elec Source	$	194,425.72
JHC3 Dearator Level Control Bypass Valve	$	41,377.99
JHC3 Emergency Reclaim Sump Pumps	$	88,595.56
JHC3 Sootblowing Air Compressor OH(2020)	$	252,474.02
K/W Site-Plt Mods	**$**	**13,927.32**
EPM Building Booster Pump	$	4,808.82
Karn (Generation) Cyber Security PWCS	$	31,035.53
Karn Annex Light Circuts - C&D	$	13,864.65
Karn Cyber Security Upgrade (PWCS)	$	(30,532.12)
Karn GW & Corrective Action Monitoring	$	-
Karn Landfill RAP	$	-
Karn Site Trailer Safety Upgrades	$	(0.01)
Karn Small Pumps and Motors 2021	$	(5,611.11)
Karn Warehouse Garage Door Replacement	$	361.56
Karn 1 - Clean Air	**$**	**(93,506.77)**
K1 Fabric Filter Bag Replacement	$	(93,506.76)
K1 PJFF Clean Air Blowers	$	(0.01)

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Karn 1 - Plt Mods	**$**	**(298,574.81)**
DEK 1 FAC COR ACM	$	0.01
Exhauster Gates Rpl	$	(14.86)
K1 1D Condensate Motor Rebuild	$	(3,033.44)
K1 2016 Boiler Project	$	(60,606.94)
K1 Air Heater Magnetic Couplings	$	(5,960.33)
K1 BCWP Rebuild	$	(6,674.33)
K1 BFP Min Flow Valves & MOV	$	(0.05)
K1 Boiler Tube Replacement	$	(23,124.82)
K1 Burner Tilts	$	-
K1 C Mill Shaft Replacement	$	(46,843.49)
K1 DCS - Evergreen	$	(62,807.90)
K1 Economizer Drag Conveyor Valve Replac	$	(25,920.88)
K1 Mill Damper Drives	$	(2,305.10)
K1 Mill Exhauster Slide Gate Automation	$	(17,909.91)
K1 Mill Hoist System Replacement	$	(0.18)
K2 Feeder / Mill Coal Isolation Valve	$	-
Karn 1 Balance of Plant Equipment Replac	$	3,156.34
Karn 1 FAC	$	(0.01)
Karn 1 RH Ash Pit Overhaul	$	0.01
Karn 1A CCWP	$	(0.01)
Karn 1B BCWP Replacement	$	(3,536.43)
Karn 1B CCWP	$	(23,096.29)
Karn 1C Mill Whizzer Wheel Failure	$	(11,404.94)
Karn 3 O2 Probe Replacement	$	-
Karn Water Box - Ash Pit	$	(8,491.26)
Karn 1&2 Cmns-316b	**$**	**(1,347,848.25)**
06886 K1&2 316B FISH STUDY - FEDERAL	$	(1,347,848.25)
Karn 1&2 Cmns-Clean Air	**$**	**(12,109.32)**
K1&2 Ammonia Tanks Relief Valves	$	(0.02)
K1&2 Double Lined Pond	$	2,878,273.91
Karn 2 SDA Recycle Filter Bag Replace	$	(12,109.29)
Karn Pond A West 2 & C2 Capping 2017	$	-
KW SEEG - Low Vol Wastewater Chara Study	$	(2,878,273.92)
Karn 1&2 Cmns-Plt Mods	**$**	**(962,359.26)**
Dumper Control Rm Explosion Proof Window	$	2,062.26
K 1&2 UPS Battery Bank Replacement	$	(0.01)
K1&2 "A" SBAC Rebuild	$	(17,987.84)
K1&2 #7 Transformer CT Replacement	$	-
K1&2 Caustic Dilution Piping	$	(0.01)
K1&2 DI South Mixed Bed Controller	$	291.82
K1&2 DI System	$	(165,640.87)
K1&2 Dumper Roadway Lighting Upgrade	$	(3,549.59)
K1&2 Economizer Ash System	$	(549,266.02)
K1&2 Fish Fence - Electrode Replacement	$	(18,080.26)
K1&2 HS Waterline Replacement	$	(69,957.90)
K1&2 Hydrogen Cooler Retube	$	0.01
K1&2 Lighting Projects 2012 Phase 2	$	-
K1&2 Rail Track Replacement	$	(33,469.59)
K1&2 Vento Heater Replacement	$	942.70
Karn - Small Pumps & Motors	$	-
Karn 1&2 Ash Jet Booster Pump Wiring Rep	$	(59,608.83)
Karn 1&2 HVAC Compressor	$	26.42
Karn 1&2 Hydrogen Coolers Rebuild	$	(15,049.17)
Karn 1&2 SBAC "B" Overhaul	$	(28,445.06)
Karn 1&2 Small Tools and Work Eq	$	(4,947.00)
Karn Small Pumps and Motors - 2019	$	-
Karn Small Valves and Instrumentation	$	319.68
Karn 1&2 F/H-Plt Mods	**$**	**(455,411.50)**
K A Conveyor Belt and Pulley Replacement	$	(294,024.08)
K1&2 A Conveyor Return Training Rollers	$	(49,821.11)
K1&2 FH Dumper Lighting Upgrade	$	(56,935.74)
Karn FH Dumper Dust Collector Heater	$	6,262.12
Karn FH Dumper Dust Collector Heaters	$	(6,957.91)
Karn FH Hydrant Replacement	$	-
Karn FH Tank Farm Oil Station Liner	$	(19,027.65)
KW FH DCS Upgrades - Evergreen	$	(13,187.04)
Telescopic Chute Replacement	$	(21,720.09)

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Karn 2 - Clean Air	**$**	**(48,952.86)**
KARN 2 SDA REC ASH UNIT HEATERS REPLACE	$	14.11
K2 - Fabric Filter Bag Replacement	$	(48,967.25)
K2 PJFF Clean Air Blower	$	(0.01)
K2 PJFF Pipes and Manifold Arms	$	0.30
K2 SCR Catalyst Layer Replacement	$	(0.01)
Karn 2 - Plt Mods	**$**	**(1,707,026.83)**
K2 2A BFP overhaul	$	6,708.95
K2 2A&2B Turning Gear Wiring	$	(0.02)
K2 B BFP Remachine Barrel and Element	$	(13,527.44)
K2 Burner Air Register Replacement	$	(6,434.61)
K2 C Mill Overhaul	$	(0.08)
K2 Coal Nozzle Assembly Replacement	$	(255,301.27)
K2 Coal Pipe Adjustable Orifice Rplcmt	$	0.05
K2 Condenser Outlet Water Box Exp. Joint	$	(35,685.28)
K2 DCS Upgrade - Evergreen	$	(63,877.41)
K2 FAC Asbestos Removal	$	556.93
K2 ID Fan to Stack Expansion Joint	$	(82,968.39)
K2 INSTALL BUNKER LINERS & RPCMT BLASTER	$	(925,870.92)
K2 McDaniels Tee Stop Valve	$	0.19
K2 Mill Classifier VFD Replacement	$	(2,152.26)
K2 NOx Analyzers & PLC Controls Rplcmt	$	1,128.32
K2 Reheat Drying	$	(64,222.98)
K2 SCR 2nd Layer Catalyst Replacement	$	(0.10)
K2 Screen Drive Replacement	$	0.83
K2 Superheat Spray Valve Replacement	$	(144,931.56)
Karn 1&2 Divisional Wall Installation	$	(46,067.56)
Karn 2 Replace 2-3 LPH Level Ctr Valve	$	(28,566.93)
KARN 2 SPRING CAN REPLACEMENTS	$	(45,815.29)
Karn 3 - Plt Mods	**$**	**(321,981.71)**
K3 DCS Upgrade	$	(406,917.52)
K3 Torrivent Heaters Cooling Bundles	$	0.01
Karn 1&2 Fuel Handling/Infrastructure	$	(52,212.76)
Karn 3 Boiler Wash Drain Line	$	156.51
Karn 3 Hotwell Piping and Pump Install	$	136,992.05
Karn 3&4 Cmns-Plt Mods	**$**	**791,705.84**
K 3&4 HSW Expansion Joint	$	577.47
Karn 3 Cooling Tower Riser Replacements	$	1,624.41
Karn 3&4 Aux Boiler 480V Transformer	$	375,513.07
Karn 3&4 Aux Boiler DA Overflow Piping I	$	19,740.33
Karn 3&4 Mini Split PS Office	$	8,291.61
Karn 3&4 Small Tools and Work Eq	$	8,934.02
Karn 3&4 Startup Optimization	$	(2,397.15)
Karn 3&4 Sump Line Replacement	$	114.88
Karn 3&4 Tank Farm Oil Insulation	$	33,980.80
Karn 3&4 Tank Farm Tank Heating Line	$	(4,753.87)
KARN 3&4 UNIT HEATERS - 2022	$	6,244.98
Karn SM PUMPS & MOTORS-2022	$	251,225.84
Karn Small Valves & Instrumentation-2022	$	92,609.45
Karn 4 - Plt Mods	**$**	**(145,782.61)**
K4 EHC System Retrofit	$	14,094.36
Karn 3<(>&<)>4 Ductwork Expansion Joint	$	119,324.95
Karn 4 B ID Fan Rotor Replacement	$	7,046.94
Karn 4 DCS	$	(286,248.86)
Lab Services	**$**	**767,606.34**
ESD LAB SERVICES 2014 CAPITAL	$	-
ESD Lab Services Capital 2015	$	767,606.34
Lake Winds Energy Park	**$**	**202,492.81**
00959 Wind Energy Project Development	$	7,374.26
LAKE WINDS FARM - MASON COUNTY	$	2,000.00
Lake Winds Yaw Drive Replacements	$	193,118.55
Loud	**$**	**731,577.91**
Loud Chamber Fill	$	18,866.85
Loud Governor Replacement	$	30,682.50
Loud Plant Lighting Project	$	16,452.15
Loud Powerhouse Window Replacement	$	(1,048.57)
Loud Spillway Gate Hoist Replacement	$	631,438.81
Loud Training Wall	$	25,707.79
Loud Trash Rack Ergonomics	$	9,478.38

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Ludington 1-6	**$**	**11,757,297.05**
LPS - Upper Reservoir Asphalt & Liner	$	(571.65)
LPS 18-401 CO2 Fire Protection Systm Rpl	$	100,026.38
LPS 19-420 Station Battery Replacement	$	174,587.94
LPS 480V MCC for DLC	$	1,538,171.47
LPS Annunciator Panel Upgrade	$	24,969.96
LPS Barrier Net Anchor Pile Rplc 2021-22	$	(3,442.64)
LPS Centralized Grease System Rplcmt	$	35,160.17
LPS Cooling Water Pressure Surge Correct	$	71,687.46
LPS Cooling Water Strainer Replacement	$	(0.01)
LPS Dam Safety Monitoring Integration	$	(133,683.14)
LPS DCS Control Relay Replacement	$	36,642.19
LPS Design & Install Net Barrier (AMP)	$	576,508.10
LPS Emergency Diesel Generator & Bus 4	$	194,526.32
LPS Global 480V Weld Receptacle Replace	$	5,039.66
LPS Governor Replacement	$	82,424.68
LPS HVAC Replacement	$	177,219.67
LPS Instrument Air Dryer Skid Rplmt	$	59,398.01
LPS Intake Battery Replacement	$	6,330.39
LPS Intake Gate & Gate House	$	112,506.46
LPS No Load Switches on Exciter PPTs	$	17,803.50
LPS OxyChem Doc Fence Install	$	23,019.33
LPS Powerhouse Roof	$	2,325,390.40
LPS Replace Barrier Net Panels	$	270,148.41
LPS Replace Lower Penstock Expansion	$	4,223,455.68
LPS Replace Sewage Ejector Pump	$	228,411.16
LPS Replace Station Air Compressors	$	64,905.11
LPS Replacement of LPS DAC 1&2	$	619,201.27
LPS Small Equipment 2020	$	10,504.67
LPS Small Equipment 2022	$	231,059.90
LPS Spare breaker procurement	$	20,726.98
LPS Station Power Transformer U Bushing	$	19,933.77
LPS Station Water Dschrg Isolation Valve	$	143,787.13
LPS Tailrace Boat Launch	$	259,521.05
LPS U2 South Trash Rack Replacement	$	111,965.32
LPS U3 South Trash Rack Replacement	$	105.11
LPS Unit Real Time Oil Condition Monitor	$	17,292.78
LPS Unit TB Strainer & DP Transmitter Re	$	764.65
Small Equipment 2021 - LPS	$	111,799.41
Ludington Major Overhauls	**$**	**8,795,507.22**
02785 LPS MAJOR OVERHAULS-ALL SIX UNITS	$	8,795,507.22
LWEP	**$**	**2,286,824.79**
Lake Winds Nitrogen Filling Equipment	$	107,003.81
Lake Winds Small Equipment 2022	$	450,487.57
Lake Winds Temperature Monitors	$	444,667.25
Lake Winds Transformer Bushing Rplcmt	$	71,023.14
LWEP Blade Bearing Replacement	$	705,554.25
LWEP Gearbox Replacements	$	99,235.33
LWEP Generator Replacement	$	367,448.83
LWEP T27 Generator Bearing Rplcmt	$	42,889.63
Smaill Equipment 2021 - Lakewinds	$	(533.01)
Small Equipment 2021 - Crescent	$	(952.01)
Mio	**$**	**7,655,456.57**
Mio Downstream Reverse Filter	$	1,058,457.55
Mio Electrical Safety Project	$	1,677,336.10
Mio Governor Replacement	$	(173,097.98)
Mio Left Retaining Wall Replacement	$	4,300,276.70
Mio Middle Embankment Erosion Protection	$	427,678.49
Mio Spill Valve Control	$	178,169.79
Mio Spillway Gate Hoist Concrete Replace	$	31,057.53
Mio Station Battery Replacement	$	149,999.80
MIO-Legacy Ladder Upgrade	$	5,578.59
Plant Operations / Admin	**$**	**3,064,773.34**
EPMO TRANSFORMATION PROJ CAPITAL	$	950,998.58
Generation Capital	$	1,942,430.13
Misc Office Equipment & Computers	$	165,644.52
Plant Ops Capital Equipment	$	5,700.11

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Rogers	**$**	**64,054.14**
Hydro - Oil Water Seperators	$	18.09
Rogers 4 Generator Rewind	$	41,202.41
Rogers Left Powerhouse Wall Replacement	$	88,515.52
Rogers PMF Study Improvements	$	26,303.30
Rogers Remote Spill Control	$	51,053.15
Rogers Spill Containment	$	6,335.64
Rogers Spill Gate Hoists	$	(102,442.51)
Rogers Unit 1 Thrust Bearing Replacement	$	(46,931.46)
Solar - General	**$**	**30,412,765.78**
Angus Solar	$	-
Blissfield/Palmyra Solar	$	81,010.44
Liberty Farms Solar	$	2,437,990.16
Muskegon Solar 2021 Bid Event	$	22,788,538.69
Mustang Mile Solar - 2019 Bid Event IRP	$	162,467.98
Solar Butterworth	$	72,649.61
Solar Caledonia	$	121,043.21
Solar Chapin Area	$	1,454,767.09
Solar Gladwin Township	$	46,467.96
Solar Gustin Township	$	199,579.46
Solar Karn Area	$	910,410.91
Solar Kochville Township	$	33,633.30
Solar Napoleon Township	$	40,565.99
Solar Olive	$	22,385.34
Solar Ovid	$	22,755.45
Solar Portsmouth Township	$	46,014.01
Solar Sumner Township	$	14,655.39
Solar Sunfield	$	36,197.20
Solar Thetford/Samsung IRP	$	163,694.03
Spring Creek Solar	$	1,610,243.00
Washtenaw Solar - 2020 Bid Event IRP	$	147,696.56
Solar Garden III	**$**	**10,787.20**
Cadillac Solar Garden	$	10,787.20
Tippy	**$**	**899,632.95**
Tippy Intake Deck Door Replacement	$	40,311.19
Tippy Seal Heater	$	50,968.57
Tippy Spill Gate Hoists	$	(232,848.26)
Tippy Stop Log Project	$	160,763.40
Tippy U1 Thrust Bearing Replacement	$	880,438.05
Tippy Headquarters	**$**	**(22,130.78)**
Tippy Upwelling System	$	(22,130.78)
Weadock 7&8 Cmns-Clean Air	**$**	**(119,812.88)**
JCW 7&8 RCRA	$	-
JCW Fire Pond Reroute: JCW Landfill	$	(119,812.88)
Weadock 7&8 Cmns-Plt Mods	**$**	**-**
JCW GW & Corrective Action Monitoring	$	-
Webber	**$**	**233,078.13**
Overhaul Webber Unit 1	$	1,536.52
Webber 2 Unit Overhaul	$	(136,772.11)
Webber Fish Pond Overflow Spillway	$	(4,927.49)
Webber Governor Replacement	$	(146,875.36)
Webber L DS Spillway Abutment Wall	$	329,718.87
Webber Septic Holding Tank Rplcmt	$	190,397.70
Whiting 1-3 - Cmns-Clean Air	**$**	**-**
JRW Ashponds 1&2 Closure	$	-
Whiting 1-3 - Cmns-Plt Mods	**$**	**-**
JRW GW & Corrective Action Monitoring	$	-
Zeeland 1&2-Cmns-Plt Mods	**$**	**41,920.98**
ZGS - Base Outage Capital	$	(7,075.23)
ZGS - AC Replacement Ph1	$	21,460.81
ZGS - Fire Panel Replacement 2020/2021	$	(27,934.62)
ZGS -Condensate Make-up Overflow	$	38,859.95
ZGS SITE SPARE GSU	$	16,612.47
ZGS-P1 Fast Acting Fuel Gas Shutoff Valv	$	(2.40)

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Zeeland 1-3-Cmns-Plt Mods	**$**	**8,075,727.43**
Zeeland GE LTSA Pmts -Combine Cycle	$	5,144,365.72
Zeeland Site Small Pumps and Motors	$	49,797.97
Zeeland Small Tools	$	37,629.01
ZGS - 2019 Base Outage Capital	$	(15,336.98)
ZGS - 345V Breaker Failure Relay Replace	$	22,818.44
ZGS - AC Replacement Cooling Towers	$	8,309.42
ZGS - Gas Line Metering System	$	129,347.09
ZGS - HRSG Casing Replacement	$	266,550.25
ZGS - HVAC System	$	(4,683.25)
ZGS - LED Lighting Upgrade	$	67,771.74
ZGS - LTSA Extras not incl in contract	$	521,749.42
ZGS - Phase 1 LCI Upgrade	$	37,506.77
ZGS - Replace brush holders & H2 Seals	$	462,157.57
ZGS - RO Controls and VFD Replacement	$	85,496.49
ZGS - Rplce ManagAir Compressor Monitor	$	14,410.43
ZGS 480V Circuit Breaker Coord Sys Rplc	$	58,792.49
ZGS Annunciator Panel Install for Xfmrs	$	22,698.09
ZGS Base Outage Capital	$	545,048.59
ZGS Fire Panel Replacement	$	28,251.91
ZGS Site Commons Safety Platforms	$	59,633.08
ZGS Small Valves and Instrumentation	$	106,199.49
ZGS WD2123 ZEELAND GEN ANALOG MULTI-DROP	$	67,397.17
ZGS-299 345kV Breaker Replacement	$	100,115.02
ZGS-Cathodic Protection Deepwell Replace	$	186,477.11
ZGS-Main Stream Nonreturn Valve Replcmnt	$	80,012.03
ZGS-Sulfuric Acid Tank for Cooling Tower	$	(6,787.64)
Zeeland 1-Plt Mods	**$**	**9,939,959.02**
Zeeland GE LTSA Pmts - Unit 1A	$	1,061,970.11
ZGS - 1A GSU Replacement	$	8,878,263.22
ZGS - Phase 1 345kV Surge Arrester Repla	$	(274.31)
Zeeland 2-Plt Mods	**$**	**1,392,728.70**
Zeeland GE LTSA Payments - Unit 1B	$	1,393,125.14
ZGS 1B Battery Charger #1	$	(396.44)
Zeeland 3-Plt Mods	**$**	**2,139,486.85**
ZGS - AC Replacement Ph2	$	9,674.15
ZGS - Boiler Feedwater Pump Overhaul	$	(68,295.85)
ZGS - Chemistry Lab	$	940.25
ZGS - Duct Burners 2A & 2B Controls Repl	$	26,725.37
ZGS - Install New 4160V Cross Tie	$	(52,632.30)
ZGS - Phase 2 345kV Surge Arrester Repla	$	(753.25)
ZGS - Phase 2 Deepwell Controls Replace	$	8,114.86
ZGS - Sample Line Replacement	$	67,387.99
ZGS - Site - Small Valves & Instruments	$	(2,986.10)
ZGS - Stack Damper Removal	$	-
ZGS 2C GSU TRANSFORMER REWIND	$	1,451,771.14
ZGS 2C transformer bushing replacements	$	364,785.51
ZGS Battery Charger Replacement	$	332.89
ZGS Heat Trace Inlet Guide Vanes	$	(2,350.92)
ZGS Small Pumps & Motors - 1B CCWP Motor	$	(646.48)
ZGS-2B BOILER FEEDWATER PUMP REPLACE	$	215,299.20
ZGS-2C VRLA Battery Monitoring System	$	51,908.50
ZGS-P2 599 699 345kV Breaker Replcmnt	$	70,119.85
ZGS-P2 Fast Acting Fuel Gas Shutoff Valv	$	92.04
Grand Total	**$**	**346,978,507.11**

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Row Labels	Sum of Cost	
Alcona	**$**	**73,591.10**
Alcona 2 Wicket Gate & Bearing Rplcmt	$	11.61
Alcona Corewall Replacement	$	22,080.44
Alcona Emergency Spillway	$	59,241.80
Alcona Relief Well Install 2021-2022	$	(13,687.69)
Alcona Spill Valve Control	$	6,188.16
Alcona Trash Rack Ergonomics	$	162.94
Alcona Upstream Tuff Boom Barrier	$	(406.16)
Allegan	**$**	**(7,257.13)**
Allegan 1 Steady & Turbine Bearing	$	(51,019.50)
Allegan 1 Wicket Gate Replacement	$	55,385.91
Allegan 3 Wicket Gate Replacement	$	0.02
Caulkins Bridge Electrical Station	$	(0.06)
Caulkins Bridge Legacy Ladder Upgrades	$	(7,960.84)
Caulkins Bridge U1 Headgate	$	(3,662.66)
Battery Storage	**$**	**35,471.22**
Cadiilac Battery Storage	$	35,471.22
Battery Storage - General	**$**	**73,581.26**
BESS Iosco	$	12,353.45
BESS Weadock	$	61,227.81
Cadillac Headquarters	**$**	**7,006.98**
Small Equipment 2018 - Hydros	$	7,006.98
Circuit West solar project	**$**	**19,779.27**
Solar Small CAP	$	19,779.27
Cobb 1-5 - Cmns-Clean Air	**$**	**-**
BCC Bottom Ash Pond Closure	$	-
Cobb 1-5 - Cmns-Plt Mods	**$**	**-**
BCC GROUNDWATER & CORR ACTION MONITORING	$	-
Cooke	**$**	**561,473.14**
Cooke Governor Replacement	$	0.02
Cooke Headgate Replacement	$	103,428.17
Cooke Infrastructure Improvements	$	12,023.87
Cooke Midslope Retaining Wall Replacemen	$	54,892.24
Cooke Plant Lighting Project	$	9,340.20
Cooke Remote Spill Control	$	1,379.96
Cooke Spillway Gate Hoist Replace	$	394,846.44
Cooke Trash Rack Ergonomics	$	62,492.94
Replace Cooke Wicket Gates & Bushings	$	(76,930.70)
Covert 2	**$**	**532,231.85**
CGS 2A Circulating Water Pump	$	78,653.49
CGS Circuling Water Pump Overhaul	$	453,578.36

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Covert Common	**$**	**679,772,920.34**
CGS BASE OUTAGE CAPITAL -2023	$	788,725.46
CGS DOUBLE WIDE TRAILER	$	98,534.23
CGS SWITCHYARD MOD399 REPLACEMENT	$	40,795.96
CGS Unit 3 Cooling Tower Gearbox ReplacE	$	79,876.79
CGS-SAMPLE PANEL CHILLER UNIT	$	108,378.32
COVERT- BOP- SMALL SITE CAPITAL - 2023	$	180,070.97
COVERT DIESEL FIRE PUMP REPLACEMENT	$	45,107.82
Covert Electrical PDC HVAC Replacement	$	30,428.96
COVERT GENERATING FACILITY	$	663,141,597.34
Covert Information Technology Room	$	2,059,520.93
COVERT LONG TERM SERVICE AGREEMENT	$	9,182,029.47
Covert -Non LTSA Capital - Extras	$	86,688.16
Covert Security and Network	$	2,208,169.08
Covert Spare GSU	$	1,722,987.31
Covert Umbilical Replacements	$	9.54
Cresent Wind	**$**	**357,111.40**
Crescent UltraCapacitors	$	246,874.83
Crescent Wind Small Capital 2023	$	107,346.94
Crescent Wind Small Equipment 2022	$	2,889.63
Cresent Wind Farm	**$**	**521,605.28**
Crescent Eagle Take Permits	$	45,117.75
Crescent LEP	$	173,202.32
Crescent Wind Project	$	303,285.21
Cross Winds Energy Park	**$**	**1,303,364.73**
00959 Wind Energy Project Development	$	(33,465.76)
Cross Winds GE Wind SCADA Server	$	250,483.01
Cross Winds LEPs	$	333,719.11
CWE Gearbox Bearing Replacement	$	(130.77)
CWEP Pitch Motor Replacements	$	8,021.01
CWEP T63 Main Bearing Replacement	$	382,845.10
Wind Development	$	361,893.03
Cross Winds Phase III	**$**	**(300,560.29)**
Cross Winds Phase III	$	(300,560.29)
Croton	**$**	**4,108,895.95**
Croton 1 & 2 Wicket Gate	$	4,329,768.76
Croton 2 Generator Rewind	$	-
Croton Air Compressor Building -New	$	(11,705.72)
Croton Electrical Replacements	$	(207,513.10)
Croton Governor Replacement	$	175.50
Croton Legacy Ladder Upgrades	$	(6,913.57)
Croton Spillway Apron Remediation	$	2,035.01
Croton Training Wall Replacement	$	3,049.08
Croton U3&U4 Grease System Removal	$	-
Rebuild Croton Unit 4	$	(0.01)

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CWEP	**$**	**3,171,858.53**
Cross Winds Gearboxes	$	661,664.46
Cross Winds Generator Bearing Rpcmt	$	27,820.83
Cross Winds Pitch Motor	$	254,206.62
Cross Winds Small Capital 2023	$	148,792.58
Cross Winds Small Equipment 2022	$	41,687.86
Cross Winds Ultracapacitors	$	907,479.53
Cross Winds WEPA Boards	$	(190.43)
Cross Winds WETA Boards	$	(206.48)
CWEP Blade Bearing and Blade Work	$	1,191,572.70
CWEP Capital Tools	$	(43,025.38)
CWEP Normal Maintenance	$	-
CWEP T45 Gearbox Replacement	$	(164.26)
Wind Onyx Vibration Monitoring Project	$	(17,779.50)
Decommissioning	**$**	**15,524.87**
BC COBB DECOMMISSIONING	$	-
JC WEADOCK - DECOMMISSIONING	$	-
JHC Decommissioning 1&2	$	-
JHC Decommissioning Site Commons	$	-
JHC Decommissioning UNIT 3	$	-
JR WHITING - DECOMMISSIONING	$	-
Karn Decommissioning	$	15,524.87
Environmental Services	**$**	**(14,668.35)**
2010 ENVIRONMENTAL SERVICES OFFICE EQUIP	$	(14,668.35)
Equipment Services	**$**	**12,241.15**
ESD Engineering Small Tools Capital	$	12,241.15
Five Channels	**$**	**2,038,751.30**
5 Channels Wicket Gate Bushings/Linkage	$	(16,899.58)
FC 1 Wicket Gates	$	(49.52)
FC Plant Lighting Project	$	(6,803.06)
FC Trash Rack Ergonomics Project	$	849.29
Five Channels AVR	$	(1,053.59)
Five Channels Corewall Replacement	$	21,929.71
Five Channels Electrical Safety	$	0.07
Five Channels Headgate Project	$	1,686,312.51
Five Channels U1 Wicket Gate Replacement	$	(1,096.39)
Hydro Control & Monitoring Software	$	219,392.41
Hydro Seal Heater Replacement	$	0.38
Hydro Small Equipment 2023	$	136,169.07
Five Channels Headquarters	**$**	**(321,524.99)**
FC Dead Bay and Log Chute Replacement	$	(331,235.49)
Hydro Standard Barrier Replacements	$	9,710.50

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Foote	**$**	**1,132,120.12**
Foote #1,2,3 Auto Voltage Regulators	$	(25,098.44)
Foote ADA Ramp Replacement	$	7,807.11
Foote Governor Replacement	$	72,393.55
Foote Legacy Ladder	$	133.61
Foote Roadway Replacement	$	(1,197.41)
Foote Spillway Gate Hoist Concrete Repla	$	650,966.04
Foote Station Battery Replacement	$	47,535.02
Foote Trash Rack Ergonomics	$	379,580.64
Gratiot Wind	**$**	**2,062,449.76**
Gratiot Farms Pad Mount Transformer	$	1,011,075.23
Gratiot Farms Small Capital 2023	$	216,675.33
Gratiot Farms Small Equipment 2022	$	111.15
Gratiot Farms WEPA Boards	$	43,334.54
Wind Onyx Vibration Monitoring Project	$	791,253.51
Gratiot Wind Farm	**$**	**924,121.02**
Graiot Farms Eagle Take Permit	$	45,118.00
Gratiot Farms T24 Blade Replacement	$	678,542.95
Gratiot Farms Wind Project	$	(22,008.04)
Gratiot LEP	$	222,468.11
GVSU Solar Garden	**$**	**349.99**
Solar Cleaning Robot	$	349.99
Hardy	**$**	**2,635,434.03**
Hardy Auxiliary Spillway	$	2,591,434.40
Hardy Dam Safety Monitoring Integration	$	1,457.39
Hardy Dormer Door Replacement	$	(2,659.35)
Hardy Emergency Gate Replacement	$	(0.01)
Hardy Intake Tower Bridge Replacement	$	10,716.13
Hardy Lighting Replacement Project	$	(9,841.39)
Hardy Penstock Fill Valve Replacement	$	(84,368.72)
Hardy Road Replacement	$	(13,277.66)
Hardy Spill Tube Reliability	$	-
Hardy Spill Tube Remediation Project	$	(0.01)
Hardy Splash Wall Replacement	$	60,279.40
Hardy Station Battery Replacement	$	8,709.60
Hydro West Plant Fence Replacement	$	6,294.71
RH Part 12D Remediation Capital Prj 2017	$	66,689.54
Hartland Wind Farms	**$**	**176,104,821.46**
Heartland Additional Scope	$	6,732,607.72
Heartland Farms Wind Project	$	169,372,213.74

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Hodenpyl	**$**	**5,749,042.97**
Hodenpyl 1 Generator Rewind	$	3,285,461.48
Hodenpyl Downstream Wall Replacement	$	19,439.57
Hodenpyl Electrical Safety	$	104,653.23
Hodenpyl Emergency Spillway Evaluation	$	125,256.67
Hodenpyl Gate Hoist	$	2,153,123.41
Hodenpyl Transformer & Foundation	$	61,108.61
Hydros	**$**	**6,949.51**
Alcona New Auxillary Generator	$	(2,043.84)
Croton 246 OCB and Booster Xfmr Replace	$	(23,748.07)
Hardy Rt Embankment Toe Drain	$	185.35
Hydro Small Equipment 2022	$	14,440.70
Loud Station Battery Replacement	$	18,115.37
Jackson Generating Station	**$**	**20,978,931.69**
JGS LM2 & LM4 Safety Platform Replaceme	$	83,416.51
JGS -Small Pumps and Motors 2023	$	85,556.62
Jackson Generating Station-Small Tools	$	93,411.27
Jackson Site Generating Water	$	492,770.33
JGS - Aux Cooling Tower Bleach System	$	166,387.72
JGS - Plmouth St. Sub Line Relay Replace	$	4,921.13
JGS - Reverse Osmosis Reject Reroute	$	212,928.07
JGS 2022 Base Outage-Capital	$	26,823.33
JGS 2023 Base Outage-Many Small Projects	$	957,128.06
JGS 7EA Turbine Casing	$	2,558,084.59
JGS Aux Makeup Line to Aux Cooling Tower	$	164,868.91
JGS -Control room and WTB HVAC controls	$	11,473.22
JGS Cooling Tower Foundation and Support	$	126,647.78
JGS CTW Acid Feed System	$	7,294.55
JGS Frame 7 Water Wash Controls Replace	$	46,202.72
JGS GE LTSA Historical Extra Work-2022	$	496,530.56
JGS GLYCOL PUMP B INLET AND OUTLET VLVS	$	336,363.65
JGS LTSA spend with GE	$	8,907,615.51
JGS MCT & ACT Debris Screens Replacement	$	0.40
JGS Multimedia filtration Pilot Skid	$	2,441,755.18
JGS New Roadways and Sidewalks	$	(0.16)
JGS NOx Umbilical Replacements	$	297,441.40
JGS PLANT EMERGENCY LIGHTS	$	(0.01)
JGS Power Block Safety Showers	$	389,069.67
JGS Small Valves and Instrumentation2023	$	459,911.52
JGS Unit 9 Generator Breaker Replacement	$	116,216.92
JGS WTB Door Replacements	$	9,334.98
JGS WTB Sump Line Replacement	$	235,114.72
JGS-2021 Base Outage	$	(0.12)
JGS-HRSG BURNER ISOLATION VALVES	$	2,210,238.70
JGS-U7 LOAD TUNNEL VIBRATION SYSTEM	$	42,934.62
Small Valves and Instrumentation	$	(1,510.66)

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JHC 1 Plt Mods	**$**	**(2,468,116.75)**
1D BCWP Motor Rewind	$	(7,751.25)
5473 -JHC 1 B Condensate Pump Overhaul	$	(4,188.31)
JHC 1 1A & 1B Vacuum Pump Repl. Study	$	(0.01)
JHC 1 A CCW Pump & Motor OH	$	182.21
JHC 1 A Hydraulic Coupling Brake Replace	$	(50,867.88)
JHC 1 APH Basket and Seal Replacement	$	0.14
JHC 1 B CCW Pump & Motor OH	$	(11,278.23)
JHC 1 B Hydraulic Coupling Brake Replace	$	(52,668.78)
JHC 1 B Mill Overhaul	$	(16,324.68)
JHC 1 Boiler O2 & CO Instrument Install	$	-
JHC 1 Bottom Ash Piping	$	(0.21)
JHC 1 C Mill Exhauster Wheel Replacement	$	(3,306.33)
JHC 1 Condenser Retube	$	(239,871.41)
JHC 1 DA Heater Asbestos Abatement	$	(33,017.13)
JHC 1 DCS and Simulator Upgrade	$	(4,430.55)
JHC 1 E Mill Exhauster Wheel Replacement	$	(1,199.04)
JHC 1 Econ Inlet Blowdown Valve Rplcmnt	$	14,601.93
JHC 1 Hg CEMS M&C Probe Rplcmnt	$	33,478.74
JHC 1 HP Turbine Blading Replacement	$	(561,140.00)
JHC 1 LP Turbine Blading Repl (Row L-O)	$	(0.04)
JHC 1 Main Transformer Coolers	$	(9,400.70)
JHC 1 Replace Blowdown Valves	$	109,513.91
JHC 1 Replace Burner Assemblies	$	(350,007.60)
JHC 1 RH Spray and Block Valves	$	(66,568.69)
JHC 1 Rplc 1-17-FV-053 Vlve & Actuator	$	7,259.77
JHC 1 SH Outlet Pendant (Partial Repl)	$	269.56
JHC 1 Upgrade Exciter Controls	$	(47,877.39)
JHC 1&2 Fly Ash System	$	(634,671.23)
JHC 1A BFP Overhaul	$	(6,297.69)
JHC 1A Condensate Pump Overhaul	$	71,659.50
JHC 1A Mill Exhstr Whl & Brng Rplcmnt	$	(2,399.83)
JHC 1B Mill Exhstr Whl & Brng Rplcmnt	$	(3,921.03)
JHC 1C Condensate Pump	$	(2,781.87)
JHC 1D Milll Wheel & Pedestal Bearing	$	(1,407.11)
JHC1 4160V Swithchgear & AQCS	$	(538,211.96)
JHC1 HP Htr FW Inlet Valve Replacement	$	(0.04)
JHC1 Replace FD Fan Varialbe Inlet Vanes	$	(55,493.52)
JHC 1&2 Cmns-Clean Air	**$**	**(48,839.67)**
JHC 1&2 In-plant Flyash Piping Replacmt	$	(12,053.81)
JHC 1&2 Replace 4160V DWD Power Box	$	(36,785.86)
JHC Site Btm Ash Pond Closure GndrMonito	$	-

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JHC 1&2 Cmns-Plt Mods	**$**	**600,191.31**
JHC 1&2 Auxillary Operator Building	$	4,865.62
JHC 1&2 CENTAC Air Compressor Overhaul	$	(0.10)
JHC 1&2 DW Dischg Alt Feed Trnsmr Rplcmn	$	31,983.41
JHC 1&2 High Pressure HSWP #6	$	25,563.78
JHC 1&2 Plant Heating System	$	21,395.17
JHC 1&2 Potable Water Line Insulation	$	-
JHC 1&2 Small Tools and Work Eq	$	6,289.98
JHC 1&2 Spare UCC Ash Blower Motor Rebui	$	(10,718.42)
JHC FH Dust Collector Bag Rplcmnt 2023	$	137,039.76
JHC Site Pigeon Lake Inlet Channel	$	400,440.17
JHC Site Small Tools and Work Equipment	$	9,654.43
JHC1&2 DC Diesel Gen to Battery Chargers	$	(26,322.49)
JHC 1&2 F/H-Clean Air	**$**	**(3,264.42)**
JHC FH Conveyor Belt Replcmt 9A	$	(3,264.42)
JHC 1&2 F/H-Plt Mods	**$**	**(1,843.75)**
03597 JHC FH FUEL MANAGEMENT OPTIMIZ	$	(1,843.75)
JHC 1-3 Cmns-Clean Air	**$**	**(1,120,888.31)**
JHC Landfill Leachate Collection System	$	(942,685.05)
JHC Site DI Well Pump Study	$	(95,599.86)
JHC Site UBAS Capital Replmts (2021)	$	(8,720.60)
JHC UBAS Upgrades	$	(73,882.80)
JHC 1-3 Cmns-Plt Mods	**$**	**(1,870,739.98)**
10714 -JHC FH 24B Gearbox Emergency	$	(1,971.11)
10719 - JHC Site N&S Pigeon Lake Jetties	$	(108,529.13)
JHC 3 Control Room HVAC Replacement	$	(271,051.10)
JHC Ash Road Culvert Repl	$	(0.01)
JHC Biological Field Station Removal	$	-
JHC FH 10B Conveyor Gearbox Rebuild	$	(363.37)
JHC FH Rail Replacements	$	(23,007.52)
JHC FH Rail Replacements in Rail Yard	$	(18,555.25)
JHC FH Transfer Hse HVAC breaker room	$	(5,008.85)
JHC Leachate	$	(4,720.79)
JHC Pigeon Lake North Pier Replacement	$	(105,389.42)
JHC Site "D" Deepwater Discharge Pump OH	$	8,978.46
JHC Site AV Server Replacement	$	(262.89)
JHC Site B-K Landfill Removal	$	(1,579,161.24)
JHC Site Btm Ash Tanks Chem Tmt System	$	10,802.35
JHC Site Drinking Fountains	$	265.66
JHC Site Dry Ash Landfill Cell Cnst/Pmtg	$	492,115.22
JHC Site Phase 1 Potable Water Study	$	47,677.57
JHC Site Potable Water Wells 4 and 6	$	7,659.57
JHC Site Rev Osmosis Membrane Rplmt	$	(4,913.55)
JHC Site SEEG WW Treatment & Closed Loop	$	(736,630.39)
JHC UBAS Backup Steam Supply	$	(667.40)
JHC Wastewater Treatment System	$	713,232.76
Replace Fuel Handling Conveyor Belts	$	(6,239.55)

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JHC 1-3 F/H-Plt Mods	**$**	**868,155.90**
5480 -JHC FH Repl FH Conv Belts (2021)	$	58,764.92
JHC 1&2 Dumper Outdoor Lighting Replacem	$	(18,526.54)
JHC Design & Construct Ash Cell #5	$	414,781.43
JHC FH 10B Conv. Loading Zone Replacemt	$	-
JHC FH 2017 Conveyor Belts Repl	$	(4,750.13)
JHC FH Control Room HVAC	$	(8,692.57)
JHC FH Dust Coll Bag Replmts (1,2,9)	$	(2,981.73)
JHC FH Hot Water Heater	$	254.90
JHC FH Lighting-Transfer House	$	(6,448.92)
JHC FH Pedestal Replacement	$	(13,776.03)
JHC FH Replace Conveyor Belts (2020)	$	(58,046.34)
JHC FH Replace Conveyor Belts (2023)	$	222,397.38
JHC FH Spare 300 HP ConveyorMotors	$	(941.14)
JHC FH Train Rail Replacements	$	286,090.56
JHC Site FH Dust Coll Cyclone CO Monitor	$	30.11
JHC 2 Clean Air	**$**	**(54,033.61)**
JHC2 Catalyst Replacement	$	(40,782.76)
Replace JHC2 burner assemblies -6	$	(13,250.85)
JHC 2 Plt Mods	**$**	**590,700.32**
JHC 2 6 Comb. Air Heat Exchng Banks	$	(34,341.38)
JHC 2 A CCWP Overhaul	$	(10,009.54)
JHC 2 A Control Air Comp Lube Oil Cooler	$	(8,211.04)
JHC 2 B Condensate Pump Overhaul	$	(1,654.52)
JHC 2 BFP Recirc Flow Ctrl/Iso Vlv Repla	$	(14,690.43)
JHC 2 BOILER SUPERHEAT SPRAY BLOCK VALVE	$	(0.01)
JHC 2 Clean & Dirty Oil Tank Vac Dehydra	$	44,110.37
JHC 2 DCS Replacement	$	121,362.86
JHC 2 Flash Tank Vent Pipe Replacement	$	(2,451.87)
JHC 2 Furnace Fluid Outlet Sfty Vlv Repl	$	(10,772.26)
JHC 2 Generator Rewedge	$	(0.21)
JHC 2 HP-IP Rotor Blade Replacement	$	(146,155.80)
JHC 2 Hydrogen Dryer	$	10,114.73
JHC 2 LCC Transformer and LCC 22A & 22B	$	(117,040.33)
JHC 2 Low Pressure Turbine Blade Replmt	$	(0.22)
JHC 2 Main Boiler Feedpump Overhaul	$	(0.02)
JHC 2 Rebuild Startup BFP Gearbox	$	(2,480.06)
JHC 2 Replace Air/Flue Gas Expan. Joints	$	(38,820.25)
JHC 2 Replace Glycol Heat Exchanger Tube	$	-
JHC 2 RH Safety Valve Replacement	$	(31,493.94)
JHC 2 Start-Up Boiler Feed Pump (SUBFP)	$	(5,384.38)
JHC 2 Startup Boiler FP Rebuild	$	636,619.30
JHC 2 Vacuum Dehydrator Skid Replacement	$	(7,171.00)
JHC 2A Condensate Pump Rebuild	$	174,514.32
JHC 2A Condenser Vacuum Pump	$	77,228.53
JHC 2C Condensate Pump Overhaul	$	(1,288.26)
JHC 2C Mill	$	0.26
JHC 2G Mill	$	(20,810.12)
JHC FH Breaker House Electric Room HVAC	$	(19,508.86)
JHC2 TT Nuva Fdr 1 UCC Valve	$	(965.55)

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JHC 3 Clean Air	**$**	**2,051,087.81**
JHC 3 Catalyst Layer 1 Replacement	$	(72,669.36)
JHC 3 Catalyst Replacement ('22-'23)	$	2,254,487.51
JHC 3 SCR Catalyst Managment (2019)	$	(213,881.76)
JHC 3 SCR Nox Analyzers	$	(1,976.00)
JHC 3 UBAS Replacements (2022)	$	85,127.42
JHC 3 F/H-Clean Air	**$**	**(570.88)**
JHC FH Dust Coll. #3 & #7 Bag Replacmts	$	(570.88)
JHC 3 F/H-Plt Mods	**$**	**(44,168.56)**
JHC FH Trf 88G Replace Dumper Thaw Shed	$	(416.48)
JHC FH U3 Chute Replacement/Cracker Rmvl	$	(20,799.75)
JHC FH U3 Dumper Controls	$	(22,952.33)
JHC 3 Plt Mods	**$**	**(1,402,902.65)**
5691 -JHC 3 Replace O2 Monitors	$	178,025.37
9526 -JHC 3 Replace ABB Damper Drives	$	524.09
JHC 10B Conveyor Table Cover Replacement	$	(19,714.44)
JHC 3 - 3C Sump Pump Motor	$	97,756.15
JHC 3 #4 LP Feed Water Heater	$	(306,016.21)
JHC 3 #4 Potable Water & Well Pump	$	(621.32)
JHC 3 11th Stage Stm Nonret Chk Valv Rep	$	(9,346.86)
JHC 3 3A Sootblowing Air Compressor	$	14,952.77
JHC 3 3B Sootblowing Air Compressor	$	15,318.70
JHC 3 3C Condensate Pump Rebuild	$	782.05
JHC 3 60kVA Uninterrupted Power System	$	(7,371.27)
JHC 3 6A HP Feed Water Heater	$	(269,431.73)
JHC 3 7A HP Feedwater Heater Replacement	$	(325,958.85)
JHC 3 8A HP Feedwater Heater Replacement	$	-
JHC 3 A Mill Complete Overhaul	$	(78,780.45)
JHC 3 AQCS Instr Air Compr B	$	124,610.07
JHC 3 AQCS Lime Slurry Tank B Agitator	$	62,118.30
JHC 3 AQCS Vacuum Exhauster E	$	76,411.92
JHC 3 Boiler Cleaning System	$	(0.01)
JHC 3 Bottom Ash Piping	$	295,356.56
JHC 3 Bottom Ash Piping Replacements	$	(1,076.21)
JHC 3 Chem Clean Piping Modifications	$	(0.04)
JHC 3 Condenser Vac Pump Overhaul	$	(5,806.56)
JHC 3 D Mill Class Bearing Asmbly Repmt	$	(4,961.28)
JHC 3 DCS Power Supplies Replacement	$	(3,180.55)
JHC 3 DI Process Wells 9 & 10 Relocation	$	87,835.87
JHC 3 Diesel Generator Controls	$	600,486.40
JHC 3 Digital Cntrl Valve for Wtr Htr Ex	$	25,122.15
JHC 3 DME PC Replacement	$	(68.19)
JHC 3 EHC Fluid Purification Sys Replmt	$	123,813.98
JHC 3 F3 Water Cannon Y Axis	$	18,765.95
JHC 3 FD Fan Vibration Monitor Equipment	$	(10,756.97)
JHC 3 House Service Air Compressor Motor	$	(5,621.05)
JHC 3 HSAC Replacement	$	242,999.00
JHC 3 Install Boiler Tube Leak Detection	$	(4,074.68)
JHC 3 Loading Dock Entry Door Rplcmnt	$	2,160.52
JHC 3 Mill Gearbox and Mill Overhaul	$	289,050.61
JHC 3 Milton Roy Pump Replacement	$	14,506.11

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JHC 3 New UV Angle Lighting	$	(2.82)
JHC 3 Primary Air Fan Motor Vibr Monitor	$	(13,308.54)
JHC 3 R6 Watre Cannon Y Axis	$	21,572.39
JHC 3 Regulating Transformer Replacement	$	119,603.29
JHC 3 Reheat Sootblower Shields	$	662,464.57
JHC 3 Replace air & flue gas expan Joint	$	0.14
JHC 3 Safety Relief Valves	$	335,188.10
JHC 3 SDA Gearbox	$	86,301.36
JHC 3 Silica Analyzers	$	(432.23)
JHC 3 Small Tools and Work Eq	$	1,161.66
JHC 3 Steel Door	$	(3,054.05)
JHC 3 Turb Exhaust Neck Expansion Joint	$	0.01
JHC 3 Turbine Drain Line Replacement	$	(2,703,439.33)
JHC 3 Turbine EHC Pump	$	(0.12)
JHC 3 Turbine Op Sys (Bently)	$	45,907.75
JHC 3 UBAS Silo Sfty Relief Valve Rpl	$	(7,307.14)
JHC 3 Water Cannon Skid Pump Rebuild	$	69,285.67
JHC 3 Water Qlty Chloride Analyzer Rplcm	$	(2,115.89)
JHC 3A Main Boiler Feed Pump	$	(20,047.15)
JHC 3A SBAC Motor	$	(30,057.86)
JHC 3B Condensate Pump & Motor	$	(5,529.48)
JHC Deminieralizer Resin Rplcmnt	$	294,985.25
JHC Sewage Lagoon Liner	$	(96,721.46)
JHC U3 Ash Pit Clinker Grinder A Replace	$	0.01
JHC U3 C Mill Gearbox and Mill Overhaul	$	0.02
JHC3 Emergency Reclaim Sump Pumps	$	3,423.82
JHC3 FD fan outlet damper drive replacmt	$	(14,147.30)
JHC3 Repl FD fan lube-hydraulic oil skid	$	0.02
JHC3 Repl primary combustion air heaters	$	0.03
JHC3 Replace Burner Primary Air Tubes	$	(622,659.50)
JHC3 Sootblowing Air Compressor OH(2020)	$	2,355.33
JHC3 Superheat Terminal Tube Replacement	$	(720,902.43)
JHC3 Turbine Main Stop Valve	$	(23,236.67)
K/W Site-Plt Mods	**$**	**1,557.13**
Karn GW & Corrective Action Monitoring	$	-
Karn Landfill RAP	$	-
Karn Sm Valves and Instrumentation-2021	$	1,557.13
KARN TANK DECOMM B/E/F	$	-
Karn 1&2 Cmns-Plt Mods	**$**	**(88,694.98)**
K1&2 Auxiliary Operator's Room	$	(30,311.62)
K1&2 Battery Bank Replacement	$	(44,081.54)
Karn Small Pumps and Motors - 2020	$	(14,301.82)
Karn 2 - Plt Mods	**$**	**7,347.85**
K2 GSU Transformer HV Bushings	$	7,347.85
Karn 3 - Clean Air	**$**	**(15,673.17)**
Karn 3 ID and FD Fan Vibration Systems	$	(15,673.17)
Karn 3 - Plt Mods	**$**	**6,794,081.81**
Karn 3 DCS Evergreen	$	317,080.00
Karn 1&2 Fuel Handling/Infrastructure	$	(3,497.48)
Karn 3 Cooling Tower Internal Structure	$	5,439,365.88
Karn 3 Exciter Rewind	$	1,038,719.51
Karn 3 Hotwell Piping and Pump Install	$	2,413.90

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Karn 3&4 Cmns-Plt Mods	**$**	**5,751,633.39**
K3&4 BOP tooling/valves/instr/pump/motor	$	367,026.41
Karn 3&4 Aux Boiler 480V Transformer	$	(11,661.68)
Karn 3&4 Aux Boiler DA Overflow Piping I	$	(1,825.39)
KARN 3&4 BOILER PLANT HEATING	$	4,836,052.41
Karn 3&4 Fire Protect Line Replacement	$	251,242.16
Karn 3&4 Mini Split PS Office	$	-
Karn 3&4 Sync Wire Replacement	$	136,715.18
KARN 3&4 TANK FARM HEATING LINE REPLACE	$	155,314.24
Karn 3&4 Tank Farm Oil Insulation	$	0.41
KARN 3&4 UNIT HEATERS - 2022	$	18,769.71
Karn Small Valves & Instrumentation-2022	$	(0.06)
Karn 4 - Plt Mods	**$**	**388,769.30**
Karn 4 DCS Evergreen	$	262,567.41
K4 EHC System Retrofit	$	138,658.94
Karn 3<(>&<)>4 Ductwork Expansion Joint	$	(11,894.57)
Karn 4 ID and FD Fan Vibration Systems	$	(562.48)
Lab Services	**$**	**466,416.31**
ESD Lab Services Capital 2015	$	466,416.31
Lake Winds Energy Park	**$**	**518,440.81**
00959 Wind Energy Project Development	$	(659.73)
Lake Winds Small Capital 2023	$	90,798.48
Lake Winds Yaw Drive Replacements	$	367,210.63
LWEP Blade Sensor Replacements	$	61,091.43
Loud	**$**	**1,063,145.77**
Loud Governor Replacement	$	205,924.76
Loud Plant Lighting Project	$	(7,706.30)
Loud Remote Spill Control	$	99,924.66
Loud Spillway Gate Hoist Replacement	$	846,937.63
Loud Training Wall	$	(127,755.42)
Loud Trash Rack Ergonomics	$	45,820.44
Ludington 1-6	**$**	**9,389,233.73**
LPS 18-401 CO2 Fire Protection Systm Rpl	$	43,528.05
LPS 19-420 Station Battery Replacement	$	196,099.18
LPS 480V MCC for DLC	$	863,140.52
LPS Annunciator Panel Upgrade	$	11,379.15
LPS Centralized Grease System Rplcmt	$	2,965.72
LPS Cooling Water Pressure Surge Correct	$	21,819.04
LPS DCS Control Relay Replacement	$	62,763.68
LPS Design & Install Net Barrier (AMP)	$	137,397.54
LPS Draft Tube Water Level Sensing Rpcmt	$	388,802.55
LPS Emergency Diesel Generator & Bus 4	$	8,925.06
LPS Governor Replacement	$	215,246.70
LPS HVAC Replacement	$	36,879.47
LPS Instrument Air Dryer Skid Rplmt	$	12,676.65
LPS Intake Battery Replacement	$	95,402.16
LPS Intake Gate & Gate House	$	172,824.18
LPS Oil Water Separator Replacement	$	(37,031.61)
LPS OxyChem Doc Fence Install	$	(159.85)
LPS Powerhouse Roof	$	2,021,311.27
LPS Replace Barrier Net Panels	$	705,769.45
LPS Replace Lower Penstock Expansion	$	3,327,558.66

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LPS Replace Sewage Ejector Pump	$	31,150.14
LPS Replace Station Air Compressors	$	25,274.81
LPS Replacement of LPS DAC 1&2	$	829,923.27
LPS Small Equipment 2020	$	1,241.48
LPS Small Equipment 2022	$	43,103.63
LPS Small Equipment 2023	$	150,670.55
LPS Station Water Dschrg Isolation Valve	$	167,055.13
LPS U2 South Trash Rack Replacement	$	2,346.67
LPS Unit #1 Pony Motor Breaker	$	(59,925.70)
LPS Unit #1 Pony Motor Reactor	$	(4,195.10)
LPS Unit #6 Pony Motor Breaker	$	(77,615.76)
LPS Unit #6 Pony Motor Reactor	$	(5,005.21)
LPS Unit Real Time Oil Condition Monitor	$	35.79
LPS Unit TB Strainer & DP Transmitter Re	$	(17.64)
LPS-Upgrade Powerhouse Crane Controls	$	(21,723.10)
Small Equipment 2021 - LPS	$	19,617.20
Ludington Major Overhauls	**$**	**2,536,844.33**
02785 LPS MAJOR OVERHAULS-ALL SIX UNITS	$	1,252,401.33
LPS Overhaul Warranty Project	$	1,284,443.00
LWEP	**$**	**920,362.51**
Lake Winds Eagle Take Permit	$	45,145.28
Lake Winds Generator Bearing Replacement	$	197,178.89
Lake Winds Nitrogen Filling Equipment	$	(565.64)
Lake Winds Small Equipment 2022	$	17,744.34
Lake Winds Temperature Monitors	$	65,959.27
LakeWinds Blade Bearings 2017	$	(173,651.73)
LWEP Blade Bearing Replacement	$	850,813.48
LWEP Capital Tools	$	(37,687.70)
LWEP Gearbox Replacements	$	(25,237.07)
LWEP Generator Replacement	$	(18,171.97)
LWEP Small Equipment 2020	$	(580.45)
LWEP T12 Generator Replacement	$	(272.40)
Smaill Equipment 2021 - Lakewinds	$	(311.79)
M-7 Energy Park	**$**	**-**
M-7 WIND FARM - MASON COUNTY	$	-
Mio	**$**	**2,437,517.78**
Mio Downstream Reverse Filter	$	35,254.82
Mio Electrical Safety Project	$	2,376,076.64
Mio Left Retaining Wall Replacement	$	20,065.55
Mio Middle Embankment Erosion Protection	$	8,016.57
Mio Spill Valve Control	$	(21,489.73)
Mio Spillway Gate Hoist Concrete Replace	$	7,151.45
Mio Station Battery Replacement	$	19,076.16
Replace Mio Wicket Gates & Bushings	$	(6,633.68)
Plant Operations / Admin	**$**	**79,825.54**
EPMO TRANSFORMATION PROJ CAPITAL	$	522,543.49
Generation Capital	$	(442,717.95)
Misc Office Equipment & Computers	$	-

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Rogers	**$**	**2,066,159.72**
Replace Rogers Wicket Gates & Bushings	$	-
Rogers 4 Generator Rewind	$	1,965,478.71
Rogers Governor Replacement	$	(255,092.15)
Rogers Left Powerhouse Wall Replacement	$	151,290.38
Rogers Lighting Replacement Project	$	(8,957.09)
Rogers Mid Embankment Toe Reverse Filter	$	(1,821.99)
Rogers Remote Spill Control	$	1,455.34
Rogers Spillway Replacement	$	225,723.35
Rogers Unit 2 Thrust Bearing Replacement	$	(11,916.83)
Solar - General	**$**	**88,567,254.67**
(13626) Solar Project 4	$	707,080.89
(13627) Solar Project 5	$	477,796.56
(13628) Solar Project 6	$	604,947.74
(13631) Solar Project 12	$	-
(13634) Solar Project 15	$	-
(13635) Solar Project 16	$	-
(13637) Solar Project 18	$	-
(13641) Solar Project 22	$	(1,061,387.75)
(13645) Solar VGP Project 3	$	779,665.74
Blissfield/Palmyra Solar	$	(646,244.00)
Muskegon Solar 2021 Bid Event	$	87,070,130.10
Mustang Mile Solar - 2019 Bid Event IRP	$	313,305.55
Solar Arcada	$	253,544.49
Solar Butterworth	$	720.00
Solar Dover	$	158,020.06
Solar Garden Development VGP	$	467,599.06
Solar Gladwin Township	$	18,788.08
Solar Hudson	$	38,275.22
Solar Karn Area	$	6,825,445.91
Solar LNDC Development	$	3,319,919.08
Solar Munro	$	272,251.46
Solar Sumner Township	$	-
Solar Sunfield	$	-
Solar Thetford/Samsung IRP	$	(179,271.47)
Solar Wheatland	$	19,429.05
Spring Creek Solar	$	10,149,166.33
Sunfish II Solar Energy Project	$	7,469,551.51
Washtenaw Solar - 2020 Bid Event IRP	$	8,521.06
Tippy	**$**	**204,896.12**
Tippy Intake Deck Door Replacement	$	(24,542.66)
Tippy Lighting Replacement Project	$	(10,669.05)
Tippy Seal Heater	$	32,142.74
Tippy U1 Thrust Bearing Replacement	$	207,965.09
Weadock 7&8 Cmns-Clean Air	**$**	**304,864.66**
JCW 7&8 RCRA	$	304,864.66
Weadock 7&8 Cmns-Plt Mods	**$**	**-**
JCW GW & Corrective Action Monitoring	$	-

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Webber	**$**	**3,773,372.49**
Overhaul Webber Unit 1	$	4,649.83
Webber 2 Unit Overhaul	$	0.05
Webber Downstream Training Wall	$	(155,889.27)
Webber Governor Replacement	$	-
Webber L DS Spillway Abutment Wall	$	3,974,031.87
Webber Septic Holding Tank Rplcmt	$	(49,419.99)
Whiting 1-3 - Cmns-Plt Mods	**$**	**-**
JRW GW & Corrective Action Monitoring	$	-
Zeeland 1&2-Cmns-Plt Mods	**$**	**1,263,769.76**
ZGS - Gas Blowdown Vents	$	(34,810.32)
ZGS 345kV 199 499 Breaker Replacement	$	540,266.45
ZGS SITE SPARE GSU	$	758,313.63
Zeeland 1-3-Cmns-Plt Mods	**$**	**21,254,962.51**
Zeeland GE LTSA Pmts -Combine Cycle	$	4,522,352.19
Zeeland Small Tools	$	10,255.12
ZGS - Gas Line Metering System	$	492.55
ZGS - HRSG Casing Replacement	$	699,676.12
ZGS - LTSA Extras not incl in contract	$	15,184,014.12
ZGS - Rplce ManagAir Compressor Monitor	$	-
ZGS 480V Circuit Breaker Coord Sys Rplc	$	28,766.77
ZGS 500 Breaker CT and Meter Replacement	$	(244.59)
ZGS BASE OUTAGE CAPITAL	$	547,911.72
ZGS Small Pumps and Motors - 2023	$	60,587.73
ZGS Small Valves and Instrumentation	$	(11,087.64)
ZGS U2 BOP Repair Raw Water 12" Line	$	(7,699.76)
ZGS-299 345kV Breaker Replacement	$	93,429.72
ZGS-Cathodic Protection Deepwell Replace	$	8,161.11
ZGS-Main Stream Nonreturn Valve Replcmnt	$	126,286.77
ZGS-U1 RTU Replacement	$	(7,939.42)
Zeeland 1-Plt Mods	**$**	**3,332,503.87**
Zeeland GE LTSA Pmts - Unit 1A	$	1,004,382.34
ZGS - 1A GSU Replacement	$	2,328,121.53
Zeeland 2-Plt Mods	**$**	**1,129,776.46**
Zeeland GE LTSA Payments - Unit 1B	$	1,129,776.46
Zeeland 3-Plt Mods	**$**	**14,461,648.42**
Milestone Outage Capital to GE	$	(721,303.58)
ZGS - Amine System Replacement	$	(131,950.34)
ZGS - Boiler Feedwater Pump	$	241,139.17
ZGS - CEMS Replacement	$	(111.51)
ZGS - Install New 4160V Cross Tie	$	(1,137.48)
ZGS - Site - Small Valves & Instruments	$	(2,548.14)
ZGS 2C GSU TRANSFORMER REWIND	$	13,884,854.19
ZGS Small Valves and Instrumentation2023	$	78,828.40
ZGS-2C VRLA Battery Monitoring System	$	(1,707.72)
ZGS-P2 599 699 345kV Breaker Replcmnt	$	598,108.59
ZGS-Replace HP Econ Level Control Valves	$	517,476.84
Total	**$**	**1,065,545,401.71**

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
Operations & Engineering													
Generation Renewables													
Capital													
CAP - Renewables - Battery IRP													
CAP - IRP Battery Development													
PB-00002: BESS Iosco													
5101780: N-Stck Matl-Excl OH				$571,324			$571,324						$1,142,648
5201200: General Travel-Other					$36				$70	$112			$218
5231300: OPEB Exp Capitalized	$34	$25	$44	$72	$41	$34	$24	$673	$47	$46	$33	$5,318	$6,392
5250000: PP Capitallo AFUDC								$23,784	$10,720	$10,900	$10,950	$31,428	$87,782
5251000: PP Capitallo Pension	$259	$187	$333	$541	$310	$258	$194	$5,346	$375	$368	$262	$51,482	$59,915
5252000: PP Capitalc Oth Cost	$752	$543	$964	$1,567	$899	$748	$552	$15,307	$1,068	$1,046	$746	$127,152	$151,244
5253000: PP Capital A&G Labor	$202	$146	$259	$421	$242	$201	$178	$4,912	$345	$338	$241	$40,725	$48,210
5254000: PP Capital E&S Labor	$418	$700	$536	$2,220	$682	$524	$344	$65,205	$696	$804	$1,004	$631,122	$704,254
5254003: PP Capitalc Min E&S	$135	$226	$173	$717	$224	$172	$113	$21,370	$194	$320	$399	$262,216	$286,368
5361000: IT SDvlp Chgbk-Labor			$397	$1,484	$1,005	$729	$861	$886	$1,371	$1,164	$481	$193	$8,570
5503500: Other O/S Services		$4,549		$15,400	$895	$346		$542,349			$3,529	$6,000,207	$6,567,274
A1500: Exempt Direct Labor	$4,224	$2,525	$5,017	$5,537	$1,798	$3,328	$2,027	$4,706	$4,123	$4,051	$2,635	$2,258	$44,230
PB-00003: BESS Meadock													
5101780: N-Stck Matl-Excl OH				$658,579			$658,579						$1,317,158
5200400: Airfare	$949												$949
5200800: Lodging	$347					$119							$466
5201200: General Travel-Other		$195			$36	$63			$70	$112			$477
5201600: Meals & Ent-50%	$46					$115							$160
5231300: OPEB Exp Capitalized	$35	$22	$70	$62	$41	$48	$54	$718	$50	$54	$35	$7,990	$9,180
5250000: PP Capitallo AFUDC							$30,244	$30,509	$12,548	$12,756	$12,815	$43,615	$122,488
5251000: PP Capitallo Pension	$263	$166	$525	$465	$312	$362	$433	$5,708	$399	$433	$281	$77,347	$86,694
5252000: PP Capitalc Oth Cost	$763	$482	$1,521	$1,348	$903	$1,051	$1,231	$16,239	$1,134	$1,231	$800	$191,036	$217,739
5253000: PP Capital A&G Labor	$205	$130	$409	$362	$243	$282	$398	$5,246	$366	$398	$259	$61,186	$69,482
5254000: PP Capital E&S Labor	$542	$355	$3,223	$750	$802	$1,006	$3,336	$70,067	$738	$944	$1,192	$949,554	$1,032,608
5254003: PP Capitalc Min E&S	$175	$115	$1,042	$242	$295	$330	$1,093	$22,963	$301	$375	$474	$394,517	$421,922
5361000: IT SDvlp Chgbk-Labor			$440	$2,037	$919	$1,461	$1,072	$886	$1,499	$1,609	$481	$158	$10,561
5503500: Other O/S Services		$800	$27,162			$5,815	$25,000	$585,412			$4,706	$9,029,517	$9,676,414
5509000: Contract Cost- Labor					$1,000	($3,000)							
A1500: Exempt Direct Labor	$4,131	$2,594	$4,957	$5,537	$1,620	$3,879	$1,958	$4,500	$4,335	$4,533	$2,704	$1,621	$44,368
PB-00004: BESS Armstrong													
5101700: NonStock Material										$14,756			$14,756
5200800: Lodging										$853			$853
5201200: General Travel-Other										$1,260			$1,260
5201600: Meals & Ent-50%										$565			$565
5227000: Indirect Lbr Cr/Adj										$107,370			$107,370
5231300: OPEB Exp Capitalized									$10	$1,754	$9	$1	$1,773
5251000: PP Capitallo Pension									$75	$13,936	$70	$11	$14,093
5252000: PP Capitalc Oth Cost									$215	$39,646	$199	$27	$40,087
5253000: PP Capital A&G Labor									$69	$12,807	$64	$9	$12,949
5254000: PP Capital E&S Labor									$138	$93,847	$150	$17	$94,154
5254003: PP Capitalc Min E&S									$56	$37,290	$60	$7	$37,414
5361000: IT SDvlp Chgbk-Labor									$246	$176	$431	$35	$887
5503500: Other O/S Services										$481,089			$481,089
5509000: Contract Cost- Labor										$6,298			$6,298
5670000: Utilities-Cellular										$150			$150
5890000: Oth Non3Lbr Exp										$7,385			$7,385
A1500: Exempt Direct Labor									$861	$1,310	$566	$131	$2,868
C1010: Store Loading Labor										$285			$285
PB-00005: Incremental 300MW BESS													
5231300: OPEB Exp Capitalized										$32	$24	$1	$57
5251000: PP Capitallo Pension										$258	$189	$7	$453
5252000: PP Capitalc Oth Cost										$733	$538	$16	$1,287
5253000: PP Capital A&G Labor										$237	$174	$5	$416
5254000: PP Capital E&S Labor										$3,180	$2,308	$10	$5,498
5254003: PP Capitalc Min E&S										$1,263	$917	$4	$2,185
5503500: Other O/S Services										$21,058	$15,253		$36,311
A1500: Exempt Direct Labor											$33	$98	$131
Generation Non-Renewables													
Capital													
CAP - Coal													
CAP - Campbell 1													
PT-01891: JHC Landfill Leachate Collection System													
5895400: Int Own Cr-MPPA-Lbr	$724												$724
5895500: Int Own Cr-MPPA-Nlbr	$23,202												$23,202
5895600: Int Own Cr-Wolv-Lbr	$285												$285
5895700: Int Own Cr-Wolv-Nlbr	$9,136												$9,136
PT-02443: JHC 1 LP Turbine Blading Repl (Row L-O)													
5227000: Indirect Lbr Cr/Adj	($107)												($107)
5231300: OPEB Exp Capitalized	($1,730)												($1,730)
5251000: PP Capitallo Pension	($12,968)												($12,968)
5252000: PP Capitalc Oth Cost	($37,590)												($37,590)
5253000: PP Capital A&G Labor	($10,102)												($10,102)
5254000: PP Capital E&S Labor	($102,540)												($102,540)
5254003: PP Capitalc Min E&S	($33,144)												($33,144)
5380659: Lab PCS Chgbk-Lbr	($2,317)	($0)											($2,317)
5503500: Other O/S Services	($851,262)	($0)											($851,262)
5508000: Cntrct Cst-Other	($1,363)												($1,363)
A1000: OM&C Direct Labor	($30,928)												($30,928)
A3000: Non-Exmpt Direct Lbr	($9,861)												($9,861)
A1500: Exempt Direct Labor	($59,879)												($59,879)
C8061: LAB SERVICES LBR	($42)	($0)											($42)
PT-02635: JHC FH 31 B Conveyor Power Feed Replacmt													
5231300: OPEB Exp Capitalized	($40)												($40)
5251000: PP Capitallo Pension	($303)												($303)
5252000: PP Capitalc Oth Cost	($879)												($879)
5253000: PP Capital A&G Labor	($236)												($236)
5254000: PP Capital E&S Labor	($1,845)												($1,845)
5254003: PP Capitalc Min E&S	($596)												($596)
5503500: Other O/S Services	($15,384)												($15,384)
5508000: Cntrct Cst-Other	($130)												($130)
A3000: Non-Exmpt Direct Lbr	($20)												($20)
A1500: Exempt Direct Labor	($3,120)												($3,120)
PT-02636: JHC 1 Boiler Feed Pump Overhaul													
5231300: OPEB Exp Capitalized		($38)											($38)
5251000: PP Capitallo Pension		($286)											($286)
5252000: PP Capitalc Oth Cost		($830)											($830)
5253000: PP Capital A&G Labor		($223)											($223)
5254000: PP Capital E&S Labor		($461)											($461)
5254003: PP Capitalc Min E&S		($149)											($149)
A1000: OM&C Direct Labor		($4,186)											($4,186)
A1500: Exempt Direct Labor		($474)											($474)
PT-02708: JHC 1 APH Basket and Seal Replacement													
5231300: OPEB Exp Capitalized		($427)											($427)
5251000: PP Capitallo Pension		($3,220)											($3,220)
5252000: PP Capitalc Oth Cost		($9,334)											($9,334)
5253000: PP Capital A&G Labor		($2,508)											($2,508)
5254000: PP Capital E&S Labor		($33,860)											($33,860)
5254003: PP Capitalc Min E&S		($10,954)											($10,954)
5380659: Lab PCS Chgbk-Lbr		($209)											($209)
5503500: Other O/S Services		($327,126)											($327,126)
5508000: Cntrct Cst-Other		($743)											($743)
A1500: Exempt Direct Labor		($14,159)											($14,159)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02778: S480- JHC Flt Regl FH Conv Belts (2021)													
5227000: Indirect Lbr Cr/Adj	($28)												($28)
5231300: OPEB Exp Capitalized	($5)												($5)
5251000: PP Capitallz Pension	($38)												($38)
5252000: PP Capitalz Oth Cost	($111)												($111)
5253000: PP Capital A&G Labor	($30)												($30)
5254000: PP Capital E&S Labor	($512)												($512)
5254003: PP Capitalz Mkt E&S	($165)												($165)
5503500: Other O/S Services	($5,143)												($5,143)
5895500: Int Own Cr-MPPA-Nlbr	$1,245							($243)					$1,002
5895600: Int Own Cr-Wolv-Lbr	$490												$490
5895700: Int Own Cr-Wolv-Nlbr								($96)					($96)
PT-02867: JHC 1 Econ Inlet Blowdown Valve Rplcmnt													
5101500: Matl Stk Issues		$41	$25										$66
5231300: OPEB Exp Capitalized		$9	$85	$1									$96
5251000: PP Capitallz Pension		$66	$643	$11									$721
5252000: PP Capitalz Oth Cost		$193	$1,864	$32		$0							$2,089
5253000: PP Capital A&G Labor		$52	$501	$9									$561
5254000: PP Capital E&S Labor		$111	$1,161	$153		$0							$1,425
5254003: PP Capitalz Mkt E&S		$96	$375	$50									$461
5380659: Lab PCS Chgbk-Lbr			$3,776			$0							$3,777
5390659: Lab PCS Chgbk-Nlbr			$1,397										$1,397
5503500: Other O/S Services				$1,549									$1,549
A1000: OM&C Direct Labor		$1,076	$6,531			$0							$7,607
C1010: Store Loading Labor		$1	$0										$1
PT-02891: JHC 1B Mill Exhstr Whl & Bmg Rplcmnt													
5231300: OPEB Exp Capitalized		($10)											($10)
5251000: PP Capitallz Pension		($73)											($73)
5252000: PP Capitalz Oth Cost		($212)											($212)
5253000: PP Capital A&G Labor		($57)											($57)
5254000: PP Capital E&S Labor		($118)											($118)
5254003: PP Capitalz Mkt E&S		($38)											($38)
A1000: OM&C Direct Labor		($1,190)											($1,190)
PT-02920: JHC 1 Rplc 1-17-FV-053 Vlve & Actuator													
5101500: Matl Stk Issues			$121										$121
5101700: NonStock Material		$9,007	$34										$9,042
5231300: OPEB Exp Capitalized		$10	$26										$36
5251000: PP Capitallz Pension		$75	$200										$274
5252000: PP Capitalz Oth Cost		$217	$578										$795
5253000: PP Capital A&G Labor		$58	$155										$214
5254000: PP Capital E&S Labor		$909	$335										$1,244
5254003: PP Capitalz Mkt E&S		$294	$108										$402
A1000: OM&C Direct Labor			$3,228			$0							$3,228
C1010: Store Loading Labor		$174	$3										$177
PT-02925: JHC 1D BCWP Overhaul													
5101700: NonStock Material		$2,527				$870	$328						$3,725
5227000: Indirect Lbr Cr/Adj		$3,920											$3,920
5231300: OPEB Exp Capitalized		$413				$3	$3						$420
5251000: PP Capitallz Pension		$3,117				$22	$27						$3,165
5252000: PP Capitalz Oth Cost		$9,014				$63	$76						$9,174
5253000: PP Capital A&G Labor		$2,428				$17	$25						$2,470
5254000: PP Capital E&S Labor		$40,376				$290	$344						$41,010
5254003: PP Capitalz Mkt E&S		$13,051				$95	$113						$13,259
5503500: Other O/S Services		$401,344				$1,550	$2,554						$405,448
C1010: Store Loading Labor		$69				$17	$6						$72
PT-02927: JHC 1 Replace Blowdown Valves													
5101500: Matl Stk Issues			$578										$578
5101700: NonStock Material			$554	$1,092									$1,646
5231300: OPEB Exp Capitalized			$108	$14									$122
5251000: PP Capitallz Pension			$815	$105									$919
5252000: PP Capitalz Oth Cost			$2,361	$304									$2,665
5253000: PP Capital A&G Labor			$635	$82									$716
5254000: PP Capital E&S Labor			$1,507	$1,239									$2,746
5254003: PP Capitalz Mkt E&S			$487	$400									$888
5380659: Lab PCS Chgbk-Lbr			$1,634		($2)	$0							$1,634
5390659: Lab PCS Chgbk-Nlbr			$605										$605
5503500: Other O/S Services				$11,133									$11,133
5890000: Oth Non3dr Exp			$477										$477
A1000: OM&C Direct Labor			$11,150	$269	$0								$11,419
C1010: Store Loading Labor			$22	$21									$43
CAP - Campbell 1 &2													
PT-01929: JHC 1&2 Fly Ash System													
5231300: OPEB Exp Capitalized				($29)									($29)
5251000: PP Capitallz Pension				($220)									($220)
5252000: PP Capitalz Oth Cost				($638)									($638)
5253000: PP Capital A&G Labor				($171)									($171)
5254000: PP Capital E&S Labor				($3,064)									($3,064)
5254003: PP Capitalz Mkt E&S				($990)									($990)
5503500: Other O/S Services				($30,948)									($30,948)
PT-02903: JHC 1&2 High Pressure HSWP #6													
5101500: Matl Stk Issues								$1,691					$1,691
5227000: Indirect Lbr Cr/Adj								$10,540					$10,540
5231300: OPEB Exp Capitalized								$91					$91
5251000: PP Capitallz Pension								$726					$726
5252000: PP Capitalz Oth Cost								$2,064					$2,064
5253000: PP Capital A&G Labor								$667					$667
5254000: PP Capital E&S Labor								$1,459					$1,459
5254003: PP Capitalz Mkt E&S								$478					$478
C1010: Store Loading Labor								$33					$33
PT-02944: JHC 1&2 Air Compressor													
5101700: NonStock Material				$7,398									$7,398
5227000: Indirect Lbr Cr/Adj				$407									$407
5231300: OPEB Exp Capitalized				$14									$14
5251000: PP Capitallz Pension				$102									$102
5252000: PP Capitalz Oth Cost				$297									$297
5253000: PP Capital A&G Labor				$80									$80
5254000: PP Capital E&S Labor				$1,009									$1,009
5254003: PP Capitalz Mkt E&S				$326									$326
5503500: Other O/S Services				$2,246									$2,246
C1010: Store Loading Labor				$143									$143
PT-02966: JHC 1&2 #3 Sump Pump Rebuild													
5101500: Matl Stk Issues								$69					$69
5101700: NonStock Material								$80,745					$80,745
5227000: Indirect Lbr Cr/Adj								$7,051					$7,051
5231300: OPEB Exp Capitalized								$166					$166
5251000: PP Capitallz Pension								$1,318					$1,318
5252000: PP Capitalz Oth Cost								$3,748					$3,748
5253000: PP Capital A&G Labor								$1,211					$1,211
5254000: PP Capital E&S Labor								$10,639					$10,639
5254003: PP Capitalz Mkt E&S								$3,487					$3,487
C1010: Store Loading Labor								$1,560					$1,560
CAP - Campbell 2													
PT-02071: JHC 2 Aux Oil Pump & Motor													
5231300: OPEB Exp Capitalized		($61)											($61)
5251000: PP Capitallz Pension		($461)											($461)
5252000: PP Capitalz Oth Cost		($1,336)											($1,336)
5253000: PP Capital A&G Labor		($359)											($359)
5254000: PP Capital E&S Labor		($905)											($905)
5254003: PP Capitalz Mkt E&S		($292)											($292)
5380659: Lab PCS Chgbk-Lbr		($138)											($138)
5503500: Other O/S Services		($1,843)											($1,843)
A1000: OM&C Direct Labor		($5,954)											($5,954)
A1500: Exempt Direct Labor		($1,203)											($1,203)
PT-02133: JHC 2 Hydrogen Dryer													
5231300: OPEB Exp Capitalized			($16)										($16)
5251000: PP Capitallz Pension			($124)										($124)
5252000: PP Capitalz Oth Cost			($360)										($360)
5253000: PP Capital A&G Labor			($97)										($97)
5254000: PP Capital E&S Labor			($485)										($485)
5254003: PP Capitalz Mkt E&S			($157)										($157)
5380659: Lab PCS Chgbk-Lbr			($106)										($106)
5503500: Other O/S Services			($1,250)										($1,250)
A1000: OM&C Direct Labor			($1,539)										($1,539)
PT-02264: Replace JHC2 burner assemblies -6													
A1500: Exempt Direct Labor						$0							$0

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PT-02267: JHC3 SAH Replace baskets and seals													
5252000: PP Capitalz Oth Cost			$0										$0
5503500: Other O/S Services			($0)										($0)
A1500: Exempt Direct Labor			$0										$0
PT-02452: JHC 2 PJFF Bag Replacement													
5231300: OPEB Exp Capitalized	$0												$0
5251000: PP Capitalz Pension	$1												$1
5252000: PP Capitalz Oth Cost	$2												$2
5253000: PP Capital A&G Labor	$1												$1
5254000: PP Capital E&S Labor	$9												$9
5254003: PP Capitalz Mkt E&S	$3												$3
5503500: Other O/S Services	$94												$94
PT-02453: JHC 2 Sec Air Duct Insul Lag & Exp Joint													
5231300: OPEB Exp Capitalized		($134)											($134)
5251000: PP Capitalz Pension		($1,011)											($1,011)
5252000: PP Capitalz Oth Cost		($2,931)											($2,931)
5253000: PP Capital A&G Labor		($788)											($788)
5254000: PP Capital E&S Labor		($9,890)											($9,890)
5254003: PP Capitalz Mkt E&S		($3,197)											($3,197)
5503500: Other O/S Services		($94,275)	($0)										($94,275)
5508000: Cntrct Cst-Other		($91)											($91)
A1500: Exempt Direct Labor		($5,534)											($5,534)
PT-02461: JHC 2 Fluid Drive Auto Oil Level Ctrl													
5231300: OPEB Exp Capitalized	($160)												($160)
5251000: PP Capitalz Pension	($1,208)												($1,208)
5252000: PP Capitalz Oth Cost	($3,503)												($3,503)
5253000: PP Capital A&G Labor	($941)												($941)
5254000: PP Capital E&S Labor	($8,039)												($8,039)
5254003: PP Capitalz Mkt E&S	($2,598)												($2,598)
5503500: Other O/S Services	($69,520)	$0											($69,520)
5508000: Cntrct Cst-Other	($64)												($64)
A1000: OM&C Direct Labor	($138)												($138)
A1000: Non-Exmpt Direct Lbr	($205)												($205)
A1500: Exempt Direct Labor	($11,274)												($11,274)
PT-02819: JHC 2 Turbine Auxiliary Oil Pump OH													
5231300: OPEB Exp Capitalized			($21)										($21)
5251000: PP Capitalz Pension			($157)										($157)
5252000: PP Capitalz Oth Cost			($455)										($455)
5253000: PP Capital A&G Labor			($122)										($122)
5254000: PP Capital E&S Labor			($2,185)										($2,185)
5254003: PP Capitalz Mkt E&S			($706)										($706)
5503500: Other O/S Services			($22,067)										($22,067)
PT-02929: JHC 2 Startup Boiler FP Rebuild													
5101500: Matl Stk Issues					$1,256								$1,256
5101700: NonStock Material					$37,689								$37,689
5203200: Postage/Mail Service	$135	$104			$189								$428
5227000: Indirect Lbr Cr/Adj					$17,224								$17,224
5231300: OPEB Exp Capitalized	$9	$0		$79	$199								$288
5251000: PP Capitalz Pension	$71	$1		$596	$1,503								$2,171
5252000: PP Capitalz Oth Cost	$206	$2		$1,728	$4,355								$6,292
5253000: PP Capital A&G Labor	$55	$1		$464	$1,171								$1,691
5254000: PP Capital E&S Labor	$990	$10		$8,298	$6,884								$16,183
5254003: PP Capitalz Mkt E&S	$320	$3		$2,682	$2,256								$5,262
5380659: Lab PCS Chgbk-Lbr					$555								$555
5380659: Lab PCS Chgbk-Nlbr					$185								$185
5503500: Other O/S Services	$630			$83,821									$84,451
5890000: Oth Nonlbr Exp	$9,232												$9,232
C1010: Store Loading Labor					$752								$752
PT-02948: JHC 2 MBFP Coupling Circuit Oil Cooler													
5101500: Matl Stk Issues								$2,419	$441				$2,861
5101700: NonStock Material								$96					$96
5201200: General Travel-Other								$1,640					$1,640
5227000: Indirect Lbr Cr/Adj								$8,658	$7,159				$15,817
5231300: OPEB Exp Capitalized								$143	$66				$209
5251000: PP Capitalz Pension								$1,136	$523				$1,660
5252000: PP Capitalz Oth Cost								$3,293	$1,489				$4,722
5253000: PP Capital A&G Labor								$1,044	$481				$1,525
5254000: PP Capital E&S Labor								$8,200	$1,317				$9,517
5254003: PP Capitalz Mkt E&S								$2,688	$537				$3,225
5503500: Other O/S Services								$56,048	$2,923				$58,972
C1010: Store Loading Labor								$49	$9				$57
CAP - Campbell 3													
PT-01685: JHC3 Superheat Terminal Tube Replacement													
5895400: Int Own Cr-MPPA-Lbr										$276			$276
5895500: Int Own Cr-MPPA-Nlbr										($3,669)			($3,669)
5895600: Int Own Cr-Wolv-Lbr										$109			$109
5895700: Int Own Cr-Wolv-Nlbr										($1,444)			($1,444)
PT-02120: JHC 3A SBAC Capital Overhaul													
5227000: Indirect Lbr Cr/Adj		($132)											($132)
5231300: OPEB Exp Capitalized		($133)											($133)
5251000: PP Capitalz Pension		($1,007)											($1,007)
5252000: PP Capitalz Oth Cost		($2,918)											($2,918)
5253000: PP Capital A&G Labor		($784)											($784)
5254000: PP Capital E&S Labor		($2,688)											($2,688)
5254003: PP Capitalz Mkt E&S		($869)											($869)
5380659: Lab PCS Chgbk-Lbr		($29)											($29)
5503500: Other O/S Services		($12,163)											($12,163)
A1000: OM&C Direct Labor		($14,429)											($14,429)
A1000: Non-Exmpt Direct Lbr		($394)											($394)
PT-02274: JHC3 Trans & 345kV Line Relay Protection													
5231300: OPEB Exp Capitalized			($95)										($95)
5251000: PP Capitalz Pension			($715)										($715)
5252000: PP Capitalz Oth Cost			($2,072)										($2,072)
5253000: PP Capital A&G Labor			($557)										($557)
5254000: PP Capital E&S Labor			($5,148)										($5,148)
5254003: PP Capitalz Mkt E&S			($1,664)										($1,664)
5503500: Other O/S Services			($43,415)										($43,415)
5508000: Cntrct Cst-Other			($2,238)										($2,238)
A1500: Exempt Direct Labor			($6,352)										($6,352)
PT-02276: JHC3 Number 8 Trans Bushings replacement													
5231300: OPEB Exp Capitalized	($145)												($145)
5251000: PP Capitalz Pension	($1,096)												($1,096)
5252000: PP Capitalz Oth Cost	($3,177)												($3,177)
5253000: PP Capital A&G Labor	($854)												($854)
5254000: PP Capital E&S Labor	($3,764)												($3,764)
5254003: PP Capitalz Mkt E&S	($1,217)												($1,217)
5503500: Other O/S Services	($22,490)												($22,490)
5508000: Cntrct Cst-Other	($130)												($130)
A1000: OM&C Direct Labor	($12,017)												($12,017)
A1500: Exempt Direct Labor	($3,188)												($3,188)
PT-02277: JHC3 B Bank E 9kV non-segbus insulators													
5231300: OPEB Exp Capitalized		($122)											($122)
5251000: PP Capitalz Pension		($919)											($919)
5252000: PP Capitalz Oth Cost		($2,664)											($2,664)
5253000: PP Capital A&G Labor		($716)											($716)
5254000: PP Capital E&S Labor		($10,056)											($10,056)
5254003: PP Capitalz Mkt E&S		($3,251)											($3,251)
5380659: Lab PCS Chgbk-Lbr		($29)											($29)
5503500: Other O/S Services		($97,463)											($97,463)
5508000: Cntrct Cst-Other		($500)											($500)
A1000: OM&C Direct Labor		($59)											($59)
A1500: Exempt Direct Labor		($3,528)											($3,528)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02280: JHC3 Repl Clsd Loop Cooling Htt Exchanger													
5231300: OPEB Exp Capitalized				($374)									($374)
5251000: PP Capitallz Pension				($2,823)									($2,823)
5252000: PP Capitalz Oth Cost				($6,182)									($6,182)
5253000: PP Capital A&G Labor				($2,199)									($2,199)
5254000: PP Capital E&S Labor				($20,671)									($20,671)
5254003: PP Capitalz Mtn E&S				($6,681)									($6,681)
5380000: Lab CHM Chgbk-Ubr				($162)									($162)
5380659: Lab PCS Chgbk-Ubr				($1,916)									($1,916)
5501500: Other O/S Services				($184,047)									($184,047)
5508000: Cntrct Cst-Other				($118)									($118)
A1000: OM&C Direct Labor				($361)									($361)
A3000: Non-Exempt Direct Ubr				($291)									($291)
A3500: Exempt Direct Labor				($21,648)									($21,648)
C8061: LAB SERVICES UBR				($251)									($251)
PT-02401: JHC 3 Mill Gearbox Replacement													
5231300: OPEB Exp Capitalized		($31)											($31)
5251000: PP Capitallz Pension		($237)											($237)
5252000: PP Capitalz Oth Cost		($687)											($687)
5253000: PP Capital A&G Labor		($185)											($185)
5254000: PP Capital E&S Labor		($1,301)											($1,301)
5254003: PP Capitalz Mtn E&S		($1,067)											($1,067)
5501500: Other O/S Services		($13,341)											($13,341)
PT-02456: JHC 3 B Main Boiler FW Pump Barrel Repla													
5227000: Indirect Ubr Cr/Adj					($6,733)								($6,733)
5231300: OPEB Exp Capitalized					($63)								($63)
5251000: PP Capitallz Pension					($462)								($462)
5252000: PP Capitalz Oth Cost					($1,426)								($1,426)
5253000: PP Capital A&G Labor					($383)								($383)
5254000: PP Capital E&S Labor					($1,802)								($1,802)
5254003: PP Capitalz Mtn E&S					($525)								($525)
5380659: Lab PCS Chgbk-Ubr					($33)								($33)
5501500: Other O/S Services					($6,530)								($6,530)
A1000: OM&C Direct Labor					($75)								($75)
A3500: Exempt Direct Labor					($89)								($89)
PT-02457: JHC 3 Boiler Power Electmagnetic Rel Viv													
5231300: OPEB Exp Capitalized	($97)												($97)
5251000: PP Capitallz Pension	($735)												($735)
5252000: PP Capitalz Oth Cost	($2,129)												($2,129)
5253000: PP Capital A&G Labor	($572)												($572)
5254000: PP Capital E&S Labor	($2,360)												($2,360)
5254003: PP Capitalz Mtn E&S	($764)												($764)
5380659: Lab PCS Chgbk-Ubr	($1,069)												($1,069)
5501500: Other O/S Services	($13,327)												($13,327)
5508000: Cntrct Cst-Other	($140)												($140)
A1000: OM&C Direct Labor	($85)												($85)
A3500: Exempt Direct Labor	($9,248)												($9,248)
PT-02458: JHC 3 D3 Process Wells 9 & 10 Relocation													
5252000: PP Capitalz Oth Cost		($0)											($0)
5895500: Int Own Cr-MPPA-Nlbr											$74	$718	$792
5895700: Int Own Cr-Wolv-Nlbr											$423	$283	$706
A3500: Exempt Direct Labor		($0)											($0)
PT-02460: JHC 3 Diesel Generator Controls													
5251000: PP Capitallz Pension		$0											$0
5252000: PP Capitalz Oth Cost		$0											$0
5253000: PP Capital A&G Labor		$0											$0
5254000: PP Capital E&S Labor		$0											$0
5501500: Other O/S Services		$0											$0
5508000: Cntrct Cst-Other		$0											$0
A1000: OM&C Direct Labor		($0)											($0)
A3500: Exempt Direct Labor		$0											$0
PT-02467: JHC 3 Sample Conditioning System													
5227000: Indirect Ubr Cr/Adj		($6)											($6)
5231300: OPEB Exp Capitalized		($35)											($35)
5251000: PP Capitallz Pension		($267)											($267)
5252000: PP Capitalz Oth Cost		($774)											($774)
5253000: PP Capital A&G Labor		($208)											($208)
5254000: PP Capital E&S Labor		($1,261)											($1,261)
5254003: PP Capitalz Mtn E&S		($1,054)											($1,054)
5380659: Lab PCS Chgbk-Ubr		($92)											($92)
5501500: Other O/S Services		($12,335)											($12,335)
A1000: OM&C Direct Labor		($331)											($331)
A3500: Exempt Direct Labor		($175)											($175)
PT-02493: JHC 3 HSAC Replacement													
5252000: PP Capitalz Oth Cost		($0)											($0)
5254000: PP Capital E&S Labor		($0)											($0)
5501500: Other O/S Services		$0											$0
5895500: Int Own Cr-MPPA-Nlbr	($12)												($12)
5895700: Int Own Cr-Wolv-Nlbr	($5)												($5)
A1000: OM&C Direct Labor		($0)											($0)
A3500: Exempt Direct Labor		($0)											($0)
PT-02694: JHC 3 Reheat Sootblower													
5231300: OPEB Exp Capitalized	$235												$235
5251000: PP Capitallz Pension	$1,775												$1,775
5252000: PP Capitalz Oth Cost	$5,144												$5,144
5253000: PP Capital A&G Labor	$1,382												$1,382
5254000: PP Capital E&S Labor	$14,936												$14,936
5254003: PP Capitalz Mtn E&S	$4,828												$4,828
5380659: Lab PCS Chgbk-Ubr	$553												$553
5501500: Other O/S Services	$136,103												$136,103
5508000: Cntrct Cst-Other	$1,850												$1,850
A3000: Non-Exempt Direct Ubr	$215												$215
A3500: Exempt Direct Labor	$12,149												$12,149
PT-02724: JHC 3 Windbox Seal & Front Wirwall Tubes													
5895500: Int Own Cr-MPPA-Nlbr			$5,061										$5,061
PT-02727: JHC 3 EHC Fluid Purification Sys Replmt													
5231300: OPEB Exp Capitalized		($92)											($92)
5251000: PP Capitallz Pension		($696)											($696)
5252000: PP Capitalz Oth Cost		($2,016)											($2,016)
5253000: PP Capital A&G Labor		($542)											($542)
5254000: PP Capital E&S Labor		($2,259)											($2,259)
5254003: PP Capitalz Mtn E&S		($730)											($730)
5380659: Lab PCS Chgbk-Ubr		($99)											($99)
5501500: Other O/S Services		($12,986)											($12,986)
A1000: OM&C Direct Labor		($476)											($476)
A3500: Exempt Direct Labor		($9,244)											($9,244)
PT-02728: JHC 3 PJFF Filter Bag Replacements													
5895500: Int Own Cr-MPPA-Nlbr			$190										$190
5895700: Int Own Cr-Wolv-Nlbr			$75										$75
PT-02732: JHC 3 Hydrogen Seal Vacuum Pump Repmt													
5895400: Int Own Cr-MPPA-Ubr						($5,061)							($5,061)
PT-02734: JHC 3 Replace Burner Flame Sensor Ctrlrs													
5231300: OPEB Exp Capitalized	($86)												($86)
5251000: PP Capitallz Pension	($649)												($649)
5252000: PP Capitalz Oth Cost	($1,881)												($1,881)
5253000: PP Capital A&G Labor	($506)												($506)
5254000: PP Capital E&S Labor	($2,329)												($2,329)
5254003: PP Capitalz Mtn E&S	($753)												($753)
5501500: Other O/S Services	($13,782)												($13,782)
5508000: Cntrct Cst-Other	($880)												($880)
A1000: OM&C Direct Labor	($3,524)												($3,524)
A3500: Exempt Direct Labor	($5,344)												($5,344)
PT-02762: 9526 -JHC 3 Replace ABB Damper Drives													
5501500: Other O/S Services		($0)											($0)
A3000: Non-Exempt Direct Ubr			($0)										($0)
A3500: Exempt Direct Labor		($0)											($0)
PT-02789: JHC U3 Mill Gearbox Overhaul													
5895500: Int Own Cr-MPPA-Nlbr												($1,651)	($1,651)
5895700: Int Own Cr-Wolv-Nlbr												($630)	($630)
PT-02798: JHC3 Ash Silo Secondary Elec Source													
5231300: OPEB Exp Capitalized	($35)	($5)											($40)
5251000: PP Capitallz Pension	($263)	($36)											($299)
5252000: PP Capitalz Oth Cost	($781)	($104)											($886)
5253000: PP Capital A&G Labor	($205)	($28)											($233)
5254000: PP Capital E&S Labor	($3,619)	($502)											($4,120)
5254003: PP Capitalz Mtn E&S	($1,170)	($162)											($1,332)
5380659: Lab PCS Chgbk-Ubr	($48)												($48)
5501500: Other O/S Services	($36,506)	($5,066)			($0)								($41,571)
5895500: Int Own Cr-MPPA-Nlbr			$315										$315
5895700: Int Own Cr-Wolv-Nlbr			$124										$124
PT-02814: JHC 3 Boiler Feed Pump Element Overhaul													
5895600: Int Own Cr-Wolv-Ubr	$341												$341

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02822: JHC 3 Catalyst Replacement ('22-'23)													
5231300: OPEB Exp Capitalized			($303)										($303)
5251000: PP Capitalz Pension		$0	($2,287)										($2,287)
5252000: PP Capitalz Oth Cost		$0	($6,629)										($6,629)
5253000: PP Capital A&G Labor			($1,781)										($1,781)
5254000: PP Capital E&S Labor		$0	($17,513)										($17,513)
5254003: PP Capitalz Mtn E&S			($5,661)										($5,661)
5503500: Other O/S Services		$0	($157,935)										($157,935)
5508000: Cntrct Cst-Other			($29)										($29)
5895500: Int Dwn Cr-MPPA-Nlbr		$107											$107
5895700: Int Dwn Cr-Wolv-Nlbr		$40											$40
A1000: OM&C Direct Labor			($4,449)										($4,449)
A1005: Non-Exempt Direct Lbr			($16)										($16)
A1500: Exempt Direct Labor		$0	($14,475)										($14,475)
PT-02829: JHC 3 CO2 Skid Replacement													
5231300: OPEB Exp Capitalized		($5)											($5)
5251000: PP Capitalz Pension		($39)											($39)
5252000: PP Capitalz Oth Cost		($112)											($112)
5253000: PP Capital A&G Labor		($30)											($30)
5254000: PP Capital E&S Labor		($509)											($509)
5254003: PP Capitalz Mtn E&S		($164)											($164)
5380659: Lab PCS Chgbk-Lbr		($37)											($37)
5503500: Other O/S Services		($5,103)											($5,103)
PT-02832: JHC 3 UBAS Replacements (2022)													
5231300: OPEB Exp Capitalized	$2		($35)										($33)
5251000: PP Capitalz Pension	$16		($263)										($247)
5252000: PP Capitalz Oth Cost	$45		($762)										($717)
5253000: PP Capital A&G Labor	$12		($205)										($193)
5254000: PP Capital E&S Labor	$25		($466)										($441)
5254003: PP Capitalz Mtn E&S	$8		($151)										($143)
5503500: Other O/S Services			($484)										($484)
5895400: Int Dwn Cr-MPPA-Lbr	($60)	($12)		($75)									($147)
5895500: Int Dwn Cr-MPPA-Nlbr	($81)	($5)		($163)									($249)
5895600: Int Dwn Cr-Wolv-Lbr	($24)	($5)		($30)									($58)
5895700: Int Dwn Cr-Wolv-Nlbr	($32)	($2)		($64)									($98)
A1500: Exempt Direct Labor	$254		($4,225)	$0	($0)								($3,971)
PT-02842: JHC3 Emergency Reclaim Sump Pumps													
5895400: Int Dwn Cr-MPPA-Lbr		($35)											($35)
5895500: Int Dwn Cr-MPPA-Nlbr		($72)											($72)
5895600: Int Dwn Cr-Wolv-Lbr		($14)											($14)
5895700: Int Dwn Cr-Wolv-Nlbr		($28)											($28)
PT-02858: JHC 3 Main Boiler Feed Pump B Replacemen													
5227000: Indirect Lbr Cr/Adj			($6,200)										($6,200)
5231300: OPEB Exp Capitalized			($111)										($111)
5251000: PP Capitalz Pension			($835)										($835)
5252000: PP Capitalz Oth Cost			($2,421)										($2,421)
5253000: PP Capital A&G Labor			($651)										($651)
5254000: PP Capital E&S Labor			($2,282)										($2,282)
5254003: PP Capitalz Mtn E&S			($738)										($738)
5380659: Lab PCS Chgbk-Lbr			($78)										($78)
5503500: Other O/S Services			($10,682)										($10,682)
A1000: OM&C Direct Labor			($5,456)										($5,456)
A1500: Exempt Direct Labor			($630)										($630)
PT-02880: JHC 3 Safety Relief Valves													
5895500: Int Dwn Cr-MPPA-Nlbr			$859										$859
PT-02882: JHC 3 Mill Gearbox and Mill Overhaul													
5227000: Indirect Lbr Cr/Adj		$0											$0
5895500: Int Dwn Cr-MPPA-Nlbr			($772)										($772)
PT-02888: JHC 3 Loading Dock Entry Door Rplcmnt													
5503500: Other O/S Services					($0)								($0)
PT-02901: JHC 3 Digital Cntrl Valve for Wtr Htr Ex													
5231300: OPEB Exp Capitalized	$11												$11
5251000: PP Capitalz Pension	$81												$81
5252000: PP Capitalz Oth Cost	$235												$235
5253000: PP Capital A&G Labor	$63												$63
5254000: PP Capital E&S Labor	$1,131												$1,131
5254003: PP Capitalz Mtn E&S	$365												$365
5503500: Other O/S Services	$11,419												$11,419
5895500: Int Dwn Cr-MPPA-Nlbr		($639)											($639)
5895700: Int Dwn Cr-Wolv-Nlbr		($251)											($251)
PT-02904: JHC 3 - 3C Sump Pump Motor													
5227000: Indirect Lbr Cr/Adj								$6,268					$6,268
5231300: OPEB Exp Capitalized								$59					$59
5251000: PP Capitalz Pension								$471					$471
5252000: PP Capitalz Oth Cost								$1,339					$1,339
5253000: PP Capital A&G Labor								$432					$432
5254000: PP Capital E&S Labor								$1,390					$1,390
5254003: PP Capitalz Mtn E&S								$456					$456
5890000: Oth Non1br Exp								$5,416					$5,416
5895400: Int Dwn Cr-MPPA-Lbr									($301)				($301)
5895500: Int Dwn Cr-MPPA-Nlbr	($3,656)								($459)				($4,115)
5895600: Int Dwn Cr-Wolv-Lbr									($118)				($118)
5895700: Int Dwn Cr-Wolv-Nlbr	($1,439)								($181)				($1,620)
PT-02912: JHC 3 Bottom Ash Piping													
5227000: Indirect Lbr Cr/Adj					($489)								($489)
5231300: OPEB Exp Capitalized					($43)								($43)
5251000: PP Capitalz Pension					($328)								($328)
5252000: PP Capitalz Oth Cost					($950)								($950)
5253000: PP Capital A&G Labor					($255)								($255)
5254000: PP Capital E&S Labor					($624)								($624)
5254003: PP Capitalz Mtn E&S					($204)								($204)
5503500: Other O/S Services					($34)								($34)
5895400: Int Dwn Cr-MPPA-Lbr	($25)												($25)
5895500: Int Dwn Cr-MPPA-Nlbr	($20)												($20)
5895600: Int Dwn Cr-Wolv-Lbr	($10)												($10)
5895700: Int Dwn Cr-Wolv-Nlbr	($8)												($8)
A1000: OM&C Direct Labor					($4,718)								($4,718)
PT-02914: JHC 3 Reheat Sootblower Shields													
5227000: Indirect Lbr Cr/Adj	($24)												($24)
5231300: OPEB Exp Capitalized	($53)												($53)
5251000: PP Capitalz Pension	($402)												($402)
5252000: PP Capitalz Oth Cost	($1,165)												($1,165)
5253000: PP Capital A&G Labor	($313)												($313)
5254000: PP Capital E&S Labor	($5,578)												($5,578)
5254003: PP Capitalz Mtn E&S	($1,803)												($1,803)
5503500: Other O/S Services	($56,319)												($56,319)
PT-02923: JHC 3 Milton Roy Pump Replacement													
5895500: Int Dwn Cr-MPPA-Nlbr					($192)								($192)
5895700: Int Dwn Cr-Wolv-Nlbr					($76)								($76)
PT-02937: JHC 3 MOV-264 BAT Valve													
5227000: Indirect Lbr Cr/Adj							$4,415						$4,415
5231300: OPEB Exp Capitalized							$48						$48
5251000: PP Capitalz Pension							$383						$383
5252000: PP Capitalz Oth Cost							$1,080						$1,080
5253000: PP Capital A&G Labor							$352						$352
5254000: PP Capital E&S Labor							$2,404						$2,404
5254003: PP Capitalz Mtn E&S							$788						$788
5503500: Other O/S Services							$16,790						$16,790
5895400: Int Dwn Cr-MPPA-Lbr								($164)					($164)
5895500: Int Dwn Cr-MPPA-Nlbr								($1,049)					($1,049)
5895600: Int Dwn Cr-Wolv-Lbr								($65)					($65)
5895700: Int Dwn Cr-Wolv-Nlbr								($413)					($413)
PT-02945: JHC 3 HVAC Controls													
5231300: OPEB Exp Capitalized					$20								$20
5251000: PP Capitalz Pension					$352								$352
5252000: PP Capitalz Oth Cost					$440								$440
5253000: PP Capital A&G Labor					$118								$118
5254000: PP Capital E&S Labor					$2,104								$2,104
5254003: PP Capitalz Mtn E&S					$680								$680
5503500: Other O/S Services					$17,681								$17,681
5895500: Int Dwn Cr-MPPA-Nlbr						($1,131)							($1,131)
5895700: Int Dwn Cr-Wolv-Nlbr						($445)							($445)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02950: JHC 3 Bottom Ash Piping													
5101500: Matl Stk Issues								$119,823	$51,694				$171,517
5227000: Indirect Lbr Cr/Adj								$57,631	$13,520	$5,097			$76,248
5231300: OPEB Exp Capitalized								$646	$191	$45			$882
5251000: PP Capitalz Pension								$1,133	$1,538	$358			$7,009
5252000: PP Capitalz Oth Cost								$14,602	$4,318	$1,018			$19,938
5253000: PP Capital A&G Labor								$4,717	$1,395	$329			$6,441
5254000: PP Capital E&S Labor								$23,504	$8,276	$770			$30,550
5254003: PP Capitalz Min E&S								$7,047	$3,177	$106			$10,730
5503500: Other O/S Services								$937				($0)	$937
5895400: Int Own Cr-MPPA-Lbr									($3,185)	($769)	($272)		($4,225)
5895500: Int Own Cr-MPPA-Nlbr									($8,527)	($3,434)	($151)		($12,111)
5895600: Int Own Cr-Wolv-Lbr									($1,254)	($303)	($107)		($1,664)
5895700: Int Own Cr-Wolv-Nlbr									($3,358)	($1,352)	($59)		($4,769)
C1010: Store Loading Labor								$2,313	$998				$3,310
CAP - Campbell Site Commons													
PT-01326: JHC SEEG - U 1-2-3 Wastewater Management													
5101500: Matl Stk Issues				($344)									($344)
5101700: NonStock Material				($72,584)									($72,584)
5201400: Airfare				($4,084)									($4,084)
5201200: General Travel-Other				($2,970)									($2,970)
5201600: Meals & Ent-50%				($493)									($493)
5203900: Other Business Exp				($462)									($462)
5203200: Postage/Mail Service				($7)									($7)
5227000: Indirect Lbr Cr/Adj				($289,609)									($289,609)
5231300: OPEB Exp Capitalized				($3,628)									($3,628)
5251000: PP Capitalz Pension				($27,358)									($27,358)
5252000: PP Capitalz Oth Cost				($79,304)									($79,304)
5253000: PP Capital A&G Labor				($21,312)									($21,312)
5254000: PP Capital E&S Labor				($154,266)									($154,266)
5254003: PP Capitalz Min E&S				($49,864)									($49,864)
5380000: Lab CHM Chgbk-Lbr				($8,693)									($8,693)
5390000: Lab CHM Chgbk-Nlbr				($5,795)									($5,795)
5502000: O/S Temp Help				($751)									($751)
5503500: Other O/S Services				($1,112,163)									($1,112,163)
5508000: Cntrct Cst-Other				($5,700)									($5,700)
5509000: Contract Cost- Labor				($1,670)									($1,670)
5890000: Oth NonLbr Exp				($51,514)									($51,514)
5895400: Int Own Cr-MPPA-Lbr					$14,386								$14,386
5895500: Int Own Cr-MPPA-Nlbr					$76,525								$76,525
5895600: Int Own Cr-Wolv-Lbr					$5,665								$5,665
5895700: Int Own Cr-Wolv-Nlbr					$30,132								$30,132
C1010: Store Loading Labor				($1,408)									($1,408)
PT-01828: JHC Coal Pile Runoff													
5231300: OPEB Exp Capitalized			($111)										($111)
5251000: PP Capitalz Pension			($841)										($841)
5252000: PP Capitalz Oth Cost			($2,437)										($2,437)
5253000: PP Capital A&G Labor			($655)										($655)
5254000: PP Capital E&S Labor			($7,791)										($7,791)
5254003: PP Capitalz Min E&S			($2,518)										($2,518)
5502000: O/S Temp Help			($17)										($17)
5503500: Other O/S Services			($73,468)										($73,468)
5508000: Cntrct Cst-Other			($44)										($44)
A1000: OM&C Direct Labor			($31)										($31)
A3000: Non-Exempt Direct Lbr			($318)										($318)
A3500: Exempt Direct Labor			($4,817)										($4,817)
M1081: ENVIRONMENTAL LBR			($5)										($5)
PT-02061: JHC A&B Flyash Silo Air Compressors													
5231300: OPEB Exp Capitalized	($173)												($173)
5251000: PP Capitalz Pension	($1,304)												($1,304)
5252000: PP Capitalz Oth Cost	($3,780)												($3,780)
5253000: PP Capital A&G Labor	($1,016)												($1,016)
5254000: PP Capital E&S Labor	($9,625)												($9,625)
5254003: PP Capitalz Min E&S	($3,111)												($3,111)
5380659: Lab PCS Chgbk-Lbr	($66)												($66)
5503500: Other O/S Services	($81,057)												($81,057)
5508000: Cntrct Cst-Other	($2,893)												($2,893)
A3000: Non-Exmpt Direct Lbr	($32)												($32)
A3500: Exempt Direct Labor	($11,178)												($11,178)
PT-02087: JHC UBAS Upgrades													
5895400: Int Own Cr-MPPA-Lbr		($2,035)											($2,035)
5895500: Int Own Cr-MPPA-Nlbr		($6,197)											($6,197)
5895600: Int Own Cr-Wolv-Lbr		($801)											($801)
5895700: Int Own Cr-Wolv-Nlbr		($2,460)											($2,460)
PT-02201: JHC Site Phase 1 Potable Water Study													
5231300: OPEB Exp Capitalized		($0)							$4				$4
5251000: PP Capitalz Pension		($0)							$31				$31
5252000: PP Capitalz Oth Cost									$87				$87
5253000: PP Capital A&G Labor		$0							$28				$28
5254000: PP Capital E&S Labor		($0)							$375				$375
5254003: PP Capitalz Min E&S		($0)							$153				$153
5503500: Other O/S Services									$3,000				$3,000
5895400: Int Own Cr-MPPA-Lbr	$4,774												$4,774
5895500: Int Own Cr-MPPA-Nlbr	$47,911		($22,880)							($101)			$24,931
5895600: Int Own Cr-Wolv-Lbr	$1,880												$1,880
5895700: Int Own Cr-Wolv-Nlbr	$18,865		($8,898)							($40)			$9,928
PT-02323: JHC Site AV Server Replacement													
5231300: OPEB Exp Capitalized			($13)										($13)
5251000: PP Capitalz Pension			($95)										($95)
5252000: PP Capitalz Oth Cost			($274)										($274)
5253000: PP Capital A&G Labor			($74)										($74)
5254000: PP Capital E&S Labor			($1,317)										($1,317)
5254003: PP Capitalz Min E&S			($426)										($426)
5504000: O/S Hardware Mtc			($13,298)										($13,298)
5895500: Int Own Cr-MPPA-Nlbr				$424									$424
5895700: Int Own Cr-Wolv-Nlbr				$167									$167
PT-02360: JHC Fit Belt Conveyor Scrapers													
5227000: Indirect Lbr Cr/Adj			($6,443)										($6,443)
5231300: OPEB Exp Capitalized			($55)										($55)
5251000: PP Capitalz Pension			($416)										($416)
5252000: PP Capitalz Oth Cost			($1,205)										($1,205)
5253000: PP Capital A&G Labor			($324)										($324)
5254000: PP Capital E&S Labor			($917)										($917)
5254003: PP Capitalz Min E&S			($296)										($296)
5503500: Other O/S Services			($2,821)										($2,821)
PT-02526: JHC Site Campbell UBAS Upgrades													
5231300: OPEB Exp Capitalized	($35)												($35)
5251000: PP Capitalz Pension	($244)												($244)
5252000: PP Capitalz Oth Cost	($707)												($707)
5253000: PP Capital A&G Labor	($206)												($206)
5254000: PP Capital E&S Labor	($929)												($929)
5254003: PP Capitalz Min E&S	($300)												($300)
5503500: Other O/S Services	($5,654)												($5,654)
5508000: Cntrct Cst-Other	($93)												($93)
A3500: Exempt Direct Labor	($3,640)												($3,640)
PT-02567: JHC FH 36B Conveyor Pulley Replacement													
5231300: OPEB Exp Capitalized		($15)											($15)
5251000: PP Capitalz Pension		($110)											($110)
5252000: PP Capitalz Oth Cost		($319)											($319)
5253000: PP Capital A&G Labor		($86)											($86)
5254000: PP Capital E&S Labor		($1,533)											($1,533)
5254003: PP Capitalz Min E&S		($495)											($495)
5503500: Other O/S Services		($15,482)											($15,482)
5895600: Int Own Cr-Wolv-Lbr		($11)											($11)
5895700: Int Own Cr-Wolv-Nlbr		($800)											($800)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02584: JHC FH Dust Coll. #3 & #7 Bag Replacmts													
5895500: Int Dwn Cr-MPPA-Nlbr			($603)										($603)
5895700: Int Dwn Cr-Wolv-Nlbr			($237)										($237)
PT-02861: JHC Site Dry Ash Landfill Cell Cnst/Pmtg													
5895400: Int Dwn Cr-MPPA-Lbr							$571						$571
5895500: Int Dwn Cr-MPPA-Nlbr							$25,221						$25,221
5895600: Int Dwn Cr-Wolv-Lbr							$225						$225
5895700: Int Dwn Cr-Wolv-Nlbr							$9,931						$9,931
PT-02731: JHC Site U3AG Capital Replmts (2021)													
5895500: Int Dwn Cr-MPPA-Nlbr			($1,537)										($1,537)
5895700: Int Dwn Cr-Wolv-Nlbr			($605)										($605)
PT-02777: JHC FH Dust Coll Bag Replmts (1,2,9)													
5231300: OPEB Exp Capitalized		($4)											($4)
5251000: PP Capitalz Pension		($45)											($45)
5252000: PP Capitalz Oth Cost		($132)											($132)
5253000: PP Capital A&G Labor		($35)											($35)
5254000: PP Capital E&S Labor		($633)											($633)
5254003: PP Capitalz Mtn E&S		($204)											($204)
5503500: Other O/S Services		($6,389)											($6,389)
PT-02808: JHC Leachate													
5231300: OPEB Exp Capitalized			($32)										($32)
5251000: PP Capitalz Pension			($238)										($238)
5252000: PP Capitalz Oth Cost			($689)										($689)
5253000: PP Capital A&G Labor			($185)										($185)
5254000: PP Capital E&S Labor			($2,567)										($2,567)
5254003: PP Capitalz Mtn E&S			($830)										($830)
5503500: Other O/S Services			($24,954)										($24,954)
A3920: Exempt Direct Labor			($977)										($977)
PT-02845: JHC Site Potable Water Wells 4 and 6													
5503500: Other O/S Services	$0					($0)							
5895500: Int Dwn Cr-MPPA-Nlbr												($2,259)	($2,259)
5895700: Int Dwn Cr-Wolv-Nlbr												($890)	($890)
PT-02896: JHC FH Dust Collector Bag Rplcmnt 2023													
5101500: Matl Stk Issues				$785									$785
5101700: NonStock Material	$986			$31,421									$32,407
5231300: OPEB Exp Capitalized	$1			$35	$260								$296
5251000: PP Capitalz Pension	$8			$267	$1,959								$2,234
5252000: PP Capitalz Oth Cost	$24			$775	$5,678								$6,477
5253000: PP Capital A&G Labor	$6			$208	$1,526								$1,741
5254000: PP Capital E&S Labor	$100			$3,250	$3,521								$6,870
5254003: PP Capitalz Mtn E&S	$32			$1,050	$1,314								$2,397
5855000: Job Work Exp					($1,814)								($1,814)
5895400: Int Dwn Cr-MPPA-Lbr		($1)			($10)	($1,675)							($1,705)
5895500: Int Dwn Cr-MPPA-Nlbr		($56)		($56)		($667)				($12)			($791)
5895600: Int Dwn Cr-Wolv-Lbr		($0)			($12)	($659)							($672)
5895700: Int Dwn Cr-Wolv-Nlbr		($22)		($22)	($714)	($263)				($31)			($1,052)
A1000: OM&C Direct Labor					$31,402		($0)						$31,402
C1010: Store Loading Labor	$19			$622									$641
PT-02908: JHC FH Train Rail Replacements													
5895500: Int Dwn Cr-MPPA-Nlbr	($100)		($100)	$100									($100)
5895700: Int Dwn Cr-Wolv-Nlbr	($118)		($118)	$118									($118)
PT-02916: JHC Site Pigeon Lake Inlet Channel													
5231300: OPEB Exp Capitalized	($24)		$396	$148									$521
5251000: PP Capitalz Pension	($181)		$2,987	$1,120									$3,925
5252000: PP Capitalz Oth Cost	($535)		$8,658	$3,245									$11,379
5253000: PP Capital A&G Labor	($141)		$2,327	$872									$3,058
5254000: PP Capital E&S Labor	($2,520)		$41,570	$15,582									$54,632
5254003: PP Capitalz Mtn E&S	($815)		$13,437	$5,037									$17,659
5503500: Other O/S Services	($25,456)		$419,900	$157,397									$551,841
A4000: RE EXEMPT SURVEY LBR					$0								$0
PT-02919: JHC Demineralizer Resin Rplcmnt													
5231300: OPEB Exp Capitalized	($7)				($20)								($27)
5251000: PP Capitalz Pension	($51)				($152)								($203)
5252000: PP Capitalz Oth Cost	($147)				($441)								($587)
5253000: PP Capital A&G Labor	($39)				($118)								($158)
5254000: PP Capital E&S Labor	($709)				($2,060)								($2,769)
5254003: PP Capitalz Mtn E&S	($227)				($675)								($903)
5380659: Lab PCS Chgbk-Lbr					($63)								($63)
5503500: Other O/S Services	($7,105)				($17,252)								($24,357)
5895500: Int Dwn Cr-MPPA-Nlbr		$397				($112)							($115)
5895700: Int Dwn Cr-Wolv-Nlbr		$156				($202)							($45)
PT-02941: JHC Ash Landfill Elevator Wiring													
5231300: OPEB Exp Capitalized				$25									$25
5251000: PP Capitalz Pension				$185									$185
5252000: PP Capitalz Oth Cost				$537									$537
5253000: PP Capital A&G Labor				$144									$144
5254000: PP Capital E&S Labor				$2,579									$2,579
5254003: PP Capitalz Mtn E&S				$833									$833
5503500: Other O/S Services				$26,046									$26,046
5895500: Int Dwn Cr-MPPA-Nlbr					($323)								($323)
5895700: Int Dwn Cr-Wolv-Nlbr					($363)								($363)
PT-95857: JHC Site Small Tools and Work Equipment													
5101700: NonStock Material		$2,279											$2,279
5895500: Int Dwn Cr-MPPA-Nlbr			$4			($145)							($141)
5895700: Int Dwn Cr-Wolv-Nlbr			$2			($57)							($55)
CAP - Karn 3&4													
PT-02535: Karn 3&4													
5101500: Matl Stk Issues	($2,193)												($2,193)
5101700: NonStock Material			$481,992										$481,992
5227000: Indirect Lbr Cr/Adj			$297,421										$297,421
5231300: OPEB Exp Capitalized	($7)		$8,254										$8,247
5251000: PP Capitalz Pension	($49)		$62,246										$62,197
5252000: PP Capitalz Oth Cost	($143)		$180,434										$180,291
5253000: PP Capital A&G Labor	($38)		$48,490										$48,452
5254000: PP Capital E&S Labor	($756)		$634,001										$633,245
5254003: PP Capitalz Mtn E&S			$206,035										$206,035
5503500: Other O/S Services			$5,529,959										$5,529,959
5508000: Cntrct Csl-Other			$15,614										$15,614
5509000: Contract Cost- Labor			$93,851										$93,851
C1010: Store Loading Labor			$9,471										$9,471
C1030: MDC Labor	($73)		($292)										($365)
C1040: MDC Non Labor	($24)		($96)										($120)
C1050: CSC Labor	($73)		($292)										($365)
C1060: CSC Non Labor	($24)		($96)										($120)
C5070: EI Indirect Mat Lbr	($1)		($2)										($3)
C5080: EI Indirect Mat Nlb	($63)		($40)										($103)
CAP - Gas & Gas/Oil													
CAP - Covert Site Commons													
PP-00523: COVERT GENERATING FACILITY													
5670000: Utilities-Cellular			$53	$52		($105)				$44			$44
5760000: Workers Comp Exp										($44)			($44)
PP-00524: COVERT LONG TERM SERVICE AGREEMENT													
5101700: NonStock Material											$526,490		$526,490
5231300: OPEB Exp Capitalized	$325	$293	$196	$300	$388	$148	$403	$317	$480	$475	$699	$532	$4,458
5251000: PP Capitalz Pension	$2,453	$2,213	$1,479	$2,264	$2,175	$1,117	$3,203	$2,520	$3,811	$3,776	$5,552	$5,150	$35,714
5252000: PP Capitalz Oth Cost	$7,112	$6,414	$4,287	$6,564	$6,305	$3,238	$9,111	$7,168	$10,843	$10,741	$15,795	$12,721	$100,300
5253000: PP Capital A&G Labor	$1,911	$1,724	$1,152	$1,764	$1,694	$870	$2,943	$2,316	$3,503	$3,470	$5,102	$4,074	$30,523
5254003: PP Capitalz Mtn E&S	$45,183	$40,750	$27,239	$41,703	$40,058	$20,572	$55,217	$43,445	$65,715	$65,096	$90,623	$88,244	$623,845
5503500: Other O/S Services	$1,411,973	$1,273,453	$851,227	$1,303,217	$1,027,121	$527,491	$1,415,811	$1,113,984	$1,288,528	$1,084,930	$978,781	$2,018,708	$14,395,224
A3500: Exempt Direct Labor												$1,373	$1,373
C1010: Store Loading Labor											$5,107		$5,107
PP-00525: Covert Information Technology Room													
5101700: NonStock Material	$5,526		($180)	($0)									$5,346
5201200: General Travel-Other		$173											$173
5204000: Office Supplies		$323											$323
5231300: OPEB Exp Capitalized	$92	$16	$20	$36	$20	$10	$9	$5	$5	$4	$3	($11)	$228
5251000: PP Capitalz Pension	$692	$270	$150	$273	$150	$78	$73	$37	$38	$31	$21	($105)	$1,710
5252000: PP Capitalz Oth Cost	$2,005	$782	$435	$793	$435	$225	$208	$105	$108	$89	$60	($254)	$4,980
5253000: PP Capital A&G Labor	$539	$210	$117	$213	$117	$61	$67	$34	$35	$29	$19	($81)	$1,359
5254000: PP Capital E&S Labor	$4,286	$2,348	$711	$2,343	$1,117	$395	$470	$287	$285	$204	$78	($1,445)	$11,078
5254003: PP Capitalz Mtn E&S	$1,385	$759	$230	$757	$366	$129	$154	$94	$116	$81	$31	($408)	$3,923
5361000: IT SDvlp Chgbk-Labor	$4,744												$4,744
5374000: IT SDvlp Chgbk-Cont	$186					$7							$192
5503500: Other O/S Services	$6,213	$8,046	$1,350	$21,729	$361	$2,403	$2,341	$2,159	$2,029	$1,099	$265	($13,998)	$33,996
5508000: Cntrct Csl-Other	$2,801	$1,140	$50		$318								$4,309
5509000: Contract Cost- Labor	$21,494	$12,171	$4,138		$7,424		$974						$46,201
A3500: Exempt Direct Labor	$2,218	$1,862	$1,824	$1,936	$1,282	$908	$635	$254	$254	$254	$254	$254	$11,934
C1010: Store Loading Labor	$107		($3)										$103

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
MICHIGAN PUBLIC SERVICE COMMISSION													
Consumers Energy Company													
Generation Capital Summary													
2024 Project Actual Capital Expenditures													
PP-00535: Covert Security and Network													
5231300: OPEB Exp Capitalized	$2	$6	$1		$2					$45			$56
5251000: PP Capitalio Pension	$17	$46	$10		$15					$354			$442
5252000: PP Capitalc Oth Cost	$49	$134	$30		$44					$1,006			$1,262
5253000: PP Capital A&G Labor	$13	$36	$8		$12					$325			$394
5254000: PP Capital E&S Labor	$27	$74	$17		$28					$4,365			$4,511
5254003: PP Capitals Min E&S	$9	$24	$5		$9					$1,734			$1,782
5503500: Other O/S Services										$28,905			$28,905
A1000: Exempt Direct Labor	$273	$751	$171		$339								$1,433
PP-00536: COVERT DIESEL FIRE PUMP REPLACEMENT													
5231300: OPEB Exp Capitalized				($9)	$11								$2
5251000: PP Capitalio Pension				($72)	$86								$15
5252000: PP Capitalc Oth Cost				($208)	$250								$43
5253000: PP Capital A&G Labor				($56)	$67								$12
5254000: PP Capital E&S Labor				($996)	$1,198								$201
5254003: PP Capitals Min E&S				($132)	$393								$70
5503500: Other O/S Services				($10,065)	$10,065								
PP-00541: CGS BASE OUTAGE CAPITAL -2023													
5101700: NonStock Material	($0)	($36,500)											($36,500)
5231300: OPEB Exp Capitalized	$0	($6)											($5)
5251000: PP Capitalio Pension	$3	($43)											($40)
5252000: PP Capitalc Oth Cost	$10	($125)											($115)
5253000: PP Capital A&G Labor	$3	($34)											($31)
5254000: PP Capital E&S Labor	$48	($70)											($22)
5254003: PP Capitals Min E&S	$16	($23)											($7)
5503500: Other O/S Services	$484	$36,500											$36,984
C1010: Store Loading Labor		($706)											($706)
PP-00542: Covert Spare GSU													
5101700: NonStock Material	$1,001,610												$1,001,610
5231300: OPEB Exp Capitalized	$95	$0	$2	$1	$1	$1	$10	$3	$36	$11	$10	$4	$163
5251000: PP Capitalio Pension	$714	$3	$12	$6	$7	$9	$79	$25	$127	$85	$79	$37	$1,183
5252000: PP Capitalc Oth Cost	$2,069	$8	$34	$17	$20	$27	$225	$71	$363	$243	$224	$91	$3,392
5253000: PP Capital A&G Labor	$556	$2	$9	$5	$5	$7	$73	$23	$117	$78	$72	$29	$977
5254000: PP Capital E&S Labor	($4,674)	$16	$162	$81	$97	$130	$252	$44	$234	$183	$169	$59	($3,225)
5254003: PP Capitals Min E&S	($1,511)	$12	$52	$26	$32	$43	$83	$15	$95	$73	$67	$24	($989)
5503500: Other O/S Services	($1,068,880)												($1,068,880)
5509000: Contract Cost- Labor	$728	$364	$1,638	$819	$819	$1,092	$1,092						$6,552
A1500: Exempt Direct Labor							$1,028	$374	$1,869	$1,215	$1,121	$561	$6,166
C1010: Store Loading Labor	$19,331												$19,331
PP-00544: COVERT - BOP- SMALL SITE CAPITAL - 2023													
5503500: Other O/S Services	($3,154)				$1,374	$17,215							$17,435
PP-00545: Covert -LTSA Capital - Extra Work U2													
5231300: OPEB Exp Capitalized					$219		$14				$932	$224	$1,388
5251000: PP Capitalio Pension					$1,853		$111				$7,402	$1,165	$11,531
5252000: PP Capitalc Oth Cost					$4,791		$315				$21,058	$5,347	$31,511
5253000: PP Capital A&G Labor					$1,288		$102				$6,802	$1,713	$9,904
5254000: PP Capital E&S Labor					$22,926		$1,439				$90,993	$26,612	$141,970
5254003: PP Capitals Min E&S					$7,514		$472				$36,156	$11,057	$55,198
5503500: Other O/S Services		$27,800			$192,655		$12,095				$402,131	$253,106	$1,087,787
A1000: OM&C Direct Labor											$472		$472
PP-00546: CGS SWITCHYARD MOD389 REPLACEMENT													
5231300: OPEB Exp Capitalized	($8)				$17								$9
5251000: PP Capitalio Pension	($63)				$131								$68
5252000: PP Capitalc Oth Cost	($181)				$380								$198
5253000: PP Capital A&G Labor	($49)				$102								$53
5254000: PP Capital E&S Labor	($871)				$1,818								$946
5254003: PP Capitals Min E&S	($282)				$596								$314
5503500: Other O/S Services	($8,798)				$15,274								$6,475
PP-00549: CGS 2A Circulating Water Pump													
5101500: Matl Stk Issues						$2,817		$62,398				$64,953	$130,168
5231300: OPEB Exp Capitalized			$7	$2	$13	$25	$61	$82	$47	$2		$33	$312
5251000: PP Capitalio Pension			$54	$18	$401	$185	$482	$653	$372	$14		$319	$2,498
5252000: PP Capitalc Oth Cost			$157	$52	$1,163	$536	$1,372	$1,857	$1,060	$40		$787	$7,023
5253000: PP Capital A&G Labor			$42	$16	$312	$144	$443	$600	$342	$13		$252	$2,163
5254000: PP Capital E&S Labor			$754	$249	$5,564	$2,522	$6,264	$7,569	$4,561	$172		$3,919	$31,573
5254003: PP Capitals Min E&S			$244	$80	$1,823	$827	$2,053	$2,480	$1,861	$68		$1,628	$11,065
5503500: Other O/S Services			$7,620	$2,513	$46,753	$18,325	$52,637		$36,489	$1,138		($27,680)	$137,793
C1010: Store Loading Labor						$54		$1,204				$1	$1,259
PP-00553: CGS-U2 FDC Battery Replacement													
5101700: NonStock Material				$103,299									$103,299
5231300: OPEB Exp Capitalized				$114	$46								$159
5251000: PP Capitalio Pension				$857	$343								$1,200
5252000: PP Capitalc Oth Cost				$2,485	$995								$3,480
5253000: PP Capital A&G Labor				$668	$267								$935
5254000: PP Capital E&S Labor				$10,424	$4,582								$15,006
5254003: PP Capitals Min E&S				$3,369	$1,502								$4,871
5503500: Other O/S Services					$35,875								$35,875
5508000: Cntrct Cst-Other					$201								$201
5509000: Contract Cost- Labor					$2,191								$2,191
A1000: OM&C Direct Labor					$236								$236
C1010: Store Loading Labor				$1,994									$1,994
PP-00555: CGS-Aux Gas Line Isolation Vlvs Replace													
5101500: Matl Stk Issues						$276							$276
5101700: NonStock Material		$3,524		$43,700	$25,276		$659						$73,159
5231300: OPEB Exp Capitalized		$4		$48	$149	$0	($35)		$3				$169
5251000: PP Capitalio Pension		$29		$363	$1,122	$3	($279)		$23				$1,261
5252000: PP Capitalc Oth Cost		$85		$1,051	$3,254	$8	($794)		$66				$3,669
5253000: PP Capital A&G Labor		$23		$283	$874	$2	($216)		$21				$947
5254000: PP Capital E&S Labor		$356		$4,410	$15,201	$33	($3,633)		$282				$16,649
5254003: PP Capitals Min E&S		$115		$1,425	$4,982	$11	($1,191)		$115				$5,458
5503500: Other O/S Services					$101,979		($31,202)		$2,259				$73,035
C1010: Store Loading Labor		$68		$843	$488	$5	$13						$1,417
PP-00556: CGS Circuling Water Pump Overhaul 3B													
5101500: Matl Stk Issues				$69,950					$107,299			($127,351)	$49,898
5101700: NonStock Material							$573	$51,501	($0)			$481,797	$533,871
5231300: OPEB Exp Capitalized		$5	$178	$109	$50	$40	$29	$79	($84)		$13	$313	$733
5251000: PP Capitalio Pension		$38	$1,343	$825	$379	$301	$233	$629	($666)		$101	$1,032	$6,225
5252000: PP Capitalc Oth Cost		$110	$3,893	$2,391	$1,100	$871	$664	$1,791	($1,895)		$288	$7,488	$16,700
5253000: PP Capital A&G Labor		$29	$1,046	$643	$296	$234	$214	$578	($612)		$93	$2,398	$4,920
5254000: PP Capital E&S Labor		$527	$18,691	$10,460	$5,261	$4,170	$3,021	$7,425	($9,629)		$218	$37,267	$77,411
5254003: PP Capitals Min E&S		$170	$6,042	$3,381	$1,724	$1,367	$990	$2,433	($3,928)		$86	$15,484	$27,749
5503500: Other O/S Services		$5,320	$188,799	$34,357	$44,214	$35,042	$24,801	$9,900	($186,399)				$156,033
A1000: OM&C Direct Labor											$1,440		$1,440
C1010: Store Loading Labor				$1,350			$11	$994	$2,071			$4	$4,429
PP-00560: CGS SMALL SITE CAPITAL-2024													
5101500: Matl Stk Issues			$2,404	$20,220	$14,092				$39,428	$8,771			$84,916
5101700: NonStock Material					$10,640	$5,449	($324)	$1,617	$55,981	$0	$62,036	$20,850	$156,250
5203200: General Travel-Other				$105									$105
5231300: OPEB Exp Capitalized			$3	$42	$86	$32	$15	$2	$306	$51	$116	$17	$671
5251000: PP Capitalio Pension			$20	$320	$850	$245	$120	$17	$2,431	$403	$925	$165	$5,296
5252000: PP Capitalc Oth Cost			$58	$927	$1,884	$709	$340	$48	$6,936	$1,146	$2,633	$409	$15,071
5253000: PP Capital A&G Labor			$16	$249	$506	$191	$110	$16	$2,234	$370	$850	$131	$4,673
5254000: PP Capital E&S Labor			$243	$2,347	$8,657	$3,316	$812	$196	$18,358	$2,145	$10,487	$2,033	$48,593
5254003: PP Capitals Min E&S			$78	$758	$2,837	$1,087	$266	$64	$7,490	$852	$4,167	$845	$18,445
5380659: Lab PCS Chgbk-Ukr				$1,681									$1,681
5390659: Lab PCS Chgbk-Nkbr				$590									$590
5503500: Other O/S Services		$6,872			$47,541	$22,309	$6,160		$35,385	$28,699	$14,051	$127,516	$288,533
A1000: OM&C Direct Labor							$990		$14,225	$3,781	$720		$19,717
A1500: Exempt Direct Labor				$716									$716
C1010: Store Loading Labor			$46	$390	$477	$105	($6)	$31	$1,841	$169	$580	$0	$3,635
PP-00563: CGS Cathodic Protection Replacement													
5101700: NonStock Material									$893			$101	$993
5231300: OPEB Exp Capitalized							$60	$6	$2	$3	$0	$5	$76
5251000: PP Capitalio Pension							$473	$49	$13	$28	$3	$48	$615
5252000: PP Capitalc Oth Cost							$1,347	$140	$37	$78	$8	$120	$1,730
5253000: PP Capital A&G Labor							$435	$45	$12	$25	$2	$38	$559
5254000: PP Capital E&S Labor							$6,148	$638	$149	$340	$33	$86	$7,396
5254003: PP Capitals Min E&S							$2,015	$209	$61	$135	$13	$36	$2,469
5503500: Other O/S Services							$44,836	$5,364	$284	$2,253	$206		$52,943
5508000: Cntrct Cst-Other							$1,270						$1,270
5509000: Contract Cost- Labor							$5,561				$15		$5,576
A1000: OM&C Direct Labor												$720	$720
C1010: Store Loading Labor									$17				$17
PP-00565: CGS BASE OUTAGE - 2024													
5101500: Matl Stk Issues				$122,356	$618						$11,745	$13,706	$148,425
5101700: NonStock Material									$5,607				$5,607
5231300: OPEB Exp Capitalized				$135	$1	$6			$8		$58	$12	$220
5251000: PP Capitalio Pension				$1,035	$6	$46			$65		$462	$117	$1,711
5252000: PP Capitalc Oth Cost				$2,943	$18	$133			$184		$1,313	$290	$4,881
5253000: PP Capital A&G Labor				$791	$5	$36			$59		$424	$93	$1,408
5254000: PP Capital E&S Labor				$12,347	$75	$638			$714		$2,457	$1,441	$17,672
5254003: PP Capitals Min E&S				$3,991	$25	$209			$291		$976	$599	$6,091
5503500: Other O/S Services						$5,361							$5,361
A1000: OM&C Direct Labor											$4,411		$4,411
C1010: Store Loading Labor				$2,361	$12				$108		$114	$0	$2,596

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PP-00567: CGS U2 Condensate Pump/Motor Replace													
5101500: Matl Stk Issues		$85,009											$85,009
5231300: OPEB Exp Capitalized		$94	$17	$8								$5	$124
5251000: PP Capitallo Pension		$705	$129	$62								$49	$945
5252000: PP Capitallo Oth Cost		$2,045	$374	$178								$120	$2,717
5253000: PP Capital A&G Labor		$550	$100	$48								$39	$736
5254000: PP Capital E&S Labor		$8,578	$1,795	$854								$598	$11,825
5254003: PP Capitalo Min E&S		$2,773	$580	$280								$249	$3,881
5503500: Other O/S Services			$18,130	$7,176								$5,690	$30,996
C1010: Store Loading Labor		$1,641											$1,641
PP-00569: CGS - LVDT Positioning Sensor - Unit 2													
5200800: Lodging								$269				$121	$410
5201200: General Travel-Other								$188				$104	$291
5201600: Meals & Ent-50%								$15				$9	$24
5231300: OPEB Exp Capitalized							$137	$12	$30	$10	$12	$15	$216
5251000: PP Capitallo Pension							$1,092	$99	$236	$79	$92	$144	$1,741
5252000: PP Capitallo Oth Cost							$3,108	$281	$671	$224	$261	$355	$4,900
5253000: PP Capital A&G Labor							$1,004	$91	$217	$72	$84	$114	$1,582
5254000: PP Capital E&S Labor							$11,575	$225	$432	$169	$198	$251	$12,850
5254003: PP Capitallo Min E&S							$1,794	$74	$176	$67	$78	$104	$4,264
5503500: Other O/S Services							$93,806						$93,806
A1500: Exempt Direct Labor							$3,465	$1,401	$3,457	$1,121	$1,308	$2,149	$12,902
PP-00575: CGS-Flame Detectors-Gas Turbine Wheel													
5231300: OPEB Exp Capitalized							$65						$65
5251000: PP Capitallo Pension							$517						$517
5252000: PP Capitallo Oth Cost							$1,472						$1,472
5253000: PP Capital A&G Labor							$476						$476
5254000: PP Capital E&S Labor							$6,719						$6,719
5254003: PP Capitallo Min E&S							$2,202						$2,202
5503500: Other O/S Services							$56,464						$56,464
PP-00577: CGS - Cooling Tower Gearboxes													
5231300: OPEB Exp Capitalized												$185	$185
5251000: PP Capitallo Pension												$3,728	$3,728
5252000: PP Capitallo Oth Cost												$9,207	$9,207
5253000: PP Capital A&G Labor												$2,949	$2,949
5254000: PP Capital E&S Labor												$45,827	$45,827
5254003: PP Capitallo Min E&S												$19,040	$19,040
5503500: Other O/S Services												$435,863	$435,863
PP-00579: CGS-Netmation(MMPSA Operating System)													
5231300: OPEB Exp Capitalized										$3,791		$2,174	$5,965
5251000: PP Capitallo Pension										$30,118		$21,049	$51,167
5252000: PP Capitallo Oth Cost										$85,680		$51,988	$137,668
5253000: PP Capital A&G Labor										$27,677		$16,651	$44,328
5254000: PP Capital E&S Labor										$371,611		$258,751	$630,362
5254003: PP Capitallo Min E&S										$147,660		$107,505	$255,165
5503500: Other O/S Services										$2,461,000		$2,461,000	$4,922,000
PP-00580: CGS Heat Trace Panel Replacements													
5101700: NonStock Material									$7,501	$226	($0)	$117,714	$125,440
5231300: OPEB Exp Capitalized									$36	$23		$128	$186
5251000: PP Capitallo Pension									$283	$180		$1,239	$1,702
5252000: PP Capitallo Oth Cost									$805	$513	($0)	$3,059	$4,377
5253000: PP Capital A&G Labor									$260	$166		$980	$1,405
5254000: PP Capital E&S Labor									$1,316	$1,253	($0)	$12,746	$15,315
5254003: PP Capitallo Min E&S									$537	$498	($0)	$5,296	$6,330
5503500: Other O/S Services										$6,719			$6,719
A1000: OM&C Direct Labor									$2,881	$1,350		$3,511	$7,743
C1010: Store Loading Labor									$145	$4		$1	$150
PP-00582: CGS Plant Gutter Drain System													
5231300: OPEB Exp Capitalized								$1	$2	$62			$65
5251000: PP Capitallo Pension								$6	$15	$495			$516
5252000: PP Capitallo Oth Cost								$17	$43	$1,408			$1,468
5253000: PP Capital A&G Labor								$5	$14	$455			$474
5254000: PP Capital E&S Labor								$13	$36	$6,108			$6,157
5254003: PP Capitallo Min E&S								$4	$15	$2,427			$2,446
5380659: Lab PCS Chgbk-Ubr								$84	$211				$295
5390659: Lab PCS Chgbk-Nibr								$29	$74				$103
5503500: Other O/S Services										$40,448			$40,448
PP-00584: CGS HRSG Expansion Joint Replacements													
5101700: NonStock Material									$7,306	$10,959			$18,265
5231300: OPEB Exp Capitalized									$11	$1,047	$525	($15)	$1,567
5251000: PP Capitallo Pension									$84	$8,318	$4,172	($146)	$12,425
5252000: PP Capitallo Oth Cost									$240	$23,663	$11,869	($589)	$35,402
5253000: PP Capital A&G Labor									$77	$7,644	$3,834	($118)	$11,437
5254000: PP Capital E&S Labor									$931	$102,478	$51,479	($1,836)	$153,052
5254003: PP Capitallo Min E&S									$180	$40,720	$20,455	($703)	$60,792
5503500: Other O/S Services										$659,519	$327,695	($17,465)	$979,749
5890000: Oth NonLbr Exp										$7,974	$3,228		$11,202
C1010: Store Loading Labor									$141	$212			$353
PP-00586: Covert 3 Attemperator Assembly Replace													
5101500: Matl Stk Issues									$353				$353
5231300: OPEB Exp Capitalized									$950				$950
5251000: PP Capitallo Pension									$7,550				$7,550
5252000: PP Capitallo Oth Cost									$21,479				$21,479
5253000: PP Capital A&G Labor									$6,939				$6,939
5254000: PP Capital E&S Labor									$74,912				$74,912
5254003: PP Capitallo Min E&S									$30,564				$30,564
5380659: Lab PCS Chgbk-Ubr									$24,695				$24,695
5390659: Lab PCS Chgbk-Nibr									$7,439				$7,439
5503500: Other O/S Services									$553,438				$553,438
5890000: Oth NonLbr Exp									$13,365				$13,365
C1010: Store Loading Labor									$7				$7
PP-00587: Covert Multilin Relay Replacements													
5101500: Matl Stk Issues										$24,698	($24,171)		$527
5101700: NonStock Material										$40,505		$40,505	$81,010
5231300: OPEB Exp Capitalized										$112	$23	$11	$146
5251000: PP Capitallo Pension										$886	$183	$108	$1,178
5252000: PP Capitallo Oth Cost										$2,522	$522	$267	$3,311
5253000: PP Capital A&G Labor										$815	$169	$86	$1,069
5254000: PP Capital E&S Labor										$10,036	$2,431	$1,330	$13,797
5254003: PP Capitallo Min E&S										$3,988	$866	$553	$5,506
5503500: Other O/S Services											$40,505	($27,856)	$12,649
C1010: Store Loading Labor										$1,258	($234)	$0	$1,024
PP-00589: CGS DCS Evergreen Replacement													
5231300: OPEB Exp Capitalized											$643		$643
5251000: PP Capitallo Pension											$5,108		$5,108
5252000: PP Capitallo Oth Cost											$14,532		$14,532
5253000: PP Capital A&G Labor											$4,694		$4,694
5254000: PP Capital E&S Labor											$63,026		$63,026
5254003: PP Capitallo Min E&S											$25,044		$25,044
5503500: Other O/S Services											$417,394		$417,394
PP-00590: CGS U1/U3 Cooling Tower Casing Replace													
5231300: OPEB Exp Capitalized												$337	$337
5251000: PP Capitallo Pension												$3,267	$3,267
5252000: PP Capitallo Oth Cost												$8,070	$8,070
5253000: PP Capital A&G Labor												$2,585	$2,585
5254000: PP Capital E&S Labor												$40,163	$40,163
5254003: PP Capitallo Min E&S												$16,687	$16,687
5503500: Other O/S Services												$377,885	$377,885
5508000: Contract Cost- Labor												$4,130	$4,130
PP-00591: CGS BOP VAVLES - UNIT 2													
5101700: NonStock Material											$14,379	$48,408	$62,787
5231300: OPEB Exp Capitalized											$23	$43	$66
5251000: PP Capitallo Pension											$186	$414	$600
5252000: PP Capitallo Oth Cost											$528	$1,023	$1,551
5253000: PP Capital A&G Labor											$171	$328	$498
5254000: PP Capital E&S Labor											$2,192	$5,090	$7,282
5254003: PP Capitallo Min E&S											$871	$2,115	$2,986
C1010: Store Loading Labor											$139	$0	$140
PP-00593: CGS CONTRACTOR OFFICE BLDG PROJECT													
5101700: NonStock Material												$219,305	$219,305
5201200: General Travel-Other											$164		$164
5201600: Meals & Ent-50%												$25	$25
5231300: OPEB Exp Capitalized											$16	$182	$198
5251000: PP Capitallo Pension											$129	$3,700	$3,829
5252000: PP Capitallo Oth Cost											$368	$9,139	$9,507
5253000: PP Capital A&G Labor											$119	$2,927	$3,046
5254000: PP Capital E&S Labor											$328	$45,485	$45,813
5254003: PP Capitallo Min E&S											$130	$18,898	$19,028
5380659: Lab PCS Chgbk-Ubr											$688		$688
5390659: Lab PCS Chgbk-Nibr											$242		$242
5503500: Other O/S Services												$202,537	$202,537
5508000: Cntrct Cst-Other												$400	$400
5509000: Contract Cost- Labor												$10,338	$10,338
A1000: OM&C Direct Labor											$1,080		$1,080
C1010: Store Loading Labor												$2	$2

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PP-00595: Covert Ammonia Dilution System U2													
5231300: OPEB Exp Capitalized												$203	$203
5251000: PP Capitalio Pension												$1,962	$1,962
5252000: PP Capitalc Oth Cost												$4,845	$4,845
5253000: PP Capital A&G Labor												$1,552	$1,552
5254000: PP Capital E&S Labor												$24,116	$24,116
5254003: PP Capitalc Min E&S												$10,020	$10,020
5503500: Other O/S Services												$229,373	$229,373
CAP - Jackson Site Commons													
PP-00242: JGS LTSA spend with GE													
5231300: OPEB Exp Capitalized	$174	$75	$299	$75	$217	$170	$206	$257	$308	$318	$320	$193	$2,612
5251000: PP Capitalio Pension	$1,313	$566	$2,257	$565	$1,609	$1,284	$1,637	$2,039	$2,446	$2,525	$2,544	$1,865	$20,679
5252000: PP Capitalc Oth Cost	$3,806	$1,639	$6,541	$1,639	$4,750	$3,721	$4,658	$5,801	$6,958	$7,182	$7,238	$4,607	$58,539
5253000: PP Capital A&G Labor	$1,023	$441	$1,758	$440	$1,276	$1,000	$1,505	$1,874	$2,248	$2,320	$2,338	$1,476	$17,698
5254000: PP Capital E&S Labor	$6,437	$1,887	$10,656										$18,779
5254003: PP Capitalc Min E&S	$17,745	$8,729	$30,902	$10,412	$30,177	$23,639	$28,228	$35,157	$42,169	$43,527	$43,864	$32,455	$347,005
5503500: Other O/S Services	$554,535	$272,772	$965,686	$325,379	$773,764	$606,140	$723,797	$901,472	$826,843	$725,451	$731,066	$742,967	$8,149,870
PP-00254: JGS Feed Pump Upgrade & Overhaul													
5231300: OPEB Exp Capitalized		($20)											($20)
5251000: PP Capitalio Pension		($152)											($152)
5252000: PP Capitalc Oth Cost		($439)											($439)
5253000: PP Capital A&G Labor		($118)											($118)
5254000: PP Capital E&S Labor		($2,109)											($2,109)
5254003: PP Capitalc Min E&S		($682)											($682)
5503500: Other O/S Services		($21,298)											($21,298)
PP-00257: JGS LM1 Combustion Turbine control cards													
5103700: NonStock Material							($28,306)						($28,306)
5231300: OPEB Exp Capitalized							($37)						($37)
5251000: PP Capitalio Pension							($296)						($296)
5252000: PP Capitalc Oth Cost							($461)						($461)
5253000: PP Capital A&G Labor							($272)						($272)
5254000: PP Capital E&S Labor							($1,433)						($1,433)
5254003: PP Capitalc Min E&S							($1,125)						($1,125)
C1010: Store Loading Labor							($546)						($546)
PP-00289: Small Valves and Instrumentation													
5231300: OPEB Exp Capitalized		($0)										($2)	($2)
5251000: PP Capitalio Pension		($1)										($21)	($21)
5252000: PP Capitalc Oth Cost		($3)										($53)	($56)
5253000: PP Capital A&G Labor		($1)										($17)	($18)
5254000: PP Capital E&S Labor		($2)										($264)	($265)
5254003: PP Capitalc Min E&S		($1)										($110)	($110)
5503500: Other O/S Services												($2,507)	($2,507)
A1000: OM&C Direct Labor		($16)											($16)
PP-00290: JGS 9030 CEMS PLC upgrade													
5231300: OPEB Exp Capitalized			($1)										($1)
5251000: PP Capitalio Pension			($11)										($11)
5252000: PP Capitalc Oth Cost			($32)										($32)
5253000: PP Capital A&G Labor			($9)										($9)
5254000: PP Capital E&S Labor			($153)										($153)
5254003: PP Capitalc Min E&S			($50)										($50)
5503500: Other O/S Services			($1,548)										($1,548)
PP-00296: JGS Cooling Tower Actuators													
5231300: OPEB Exp Capitalized						($0)							($0)
5251000: PP Capitalio Pension						($0)							($0)
5252000: PP Capitalc Oth Cost						($0)							($0)
5253000: PP Capital A&G Labor						($0)							($0)
5254000: PP Capital E&S Labor						($1)							($1)
5254003: PP Capitalc Min E&S						($0)							($0)
5503500: Other O/S Services						($5)							($5)
PP-00305: JGS 2018 Base Outage-Many Small Projects													
5231300: OPEB Exp Capitalized			($2)										($2)
5251000: PP Capitalio Pension			($19)										($19)
5252000: PP Capitalc Oth Cost			($45)										($45)
5253000: PP Capital A&G Labor			($12)										($12)
5254000: PP Capital E&S Labor			($215)										($215)
5254003: PP Capitalc Min E&S			($70)										($70)
5503500: Other O/S Services			($2,172)										($2,172)
PP-00367: JGS - 2019 Circ Pump and Aux Circ Motor													
5503500: Other O/S Services								$0					$0
PP-00407: Jackson Site Generating Water													
5231300: OPEB Exp Capitalized	($3)	($7)											($11)
5251000: PP Capitalio Pension	($26)	($56)											($82)
5252000: PP Capitalc Oth Cost	($75)	($162)											($237)
5253000: PP Capital A&G Labor	($20)	($44)											($64)
5254000: PP Capital E&S Labor	($259)	($778)											($1,137)
5254003: PP Capitalc Min E&S	($3.16)	($2.5)											($3.66)
5503500: Other O/S Services	($7,707)	($7,860)											($15,567)
5505500: O/S Environm Svcs	$4,079												$4,079
PP-00409: JGS CTW Acid Feed System													
5252000: PP Capitalc Oth Cost								($0)					($0)
A1500: Exempt Direct Labor								($0)					($0)
PP-00412: JGS Multimedia filtration Pilot Skid													
5231300: OPEB Exp Capitalized	$33	($13)	$9										$28
5251000: PP Capitalio Pension	$247	($100)	$66										$213
5252000: PP Capitalc Oth Cost	$716	($290)	$192										$618
5253000: PP Capital A&G Labor	$192	($78)	$52										$166
5254000: PP Capital E&S Labor	$773	($3,768)	$107										($2,888)
5254003: PP Capitalc Min E&S	$250	($1,218)	$35										($934)
5380000: Lab CHM Chgbk-Ibr	$783												$783
5390000: Lab CHM Chgbk-Nibr	$421												$421
5503500: Other O/S Services	$3,858	($41,201)											($37,343)
A1500: Exempt Direct Labor	$2,745	$1,142	$1,079										$6,966
PP-00434: JGS - LM6000 Beckwith Relay Replacement													
5200800: Lodging										$1,082	$52		$1,134
5201200: General Travel-Other		$42			$82		$267	$189	$190	$145	$290		$1,406
5201600: Meals & Ent-50%										$222	$23		$244
5231300: OPEB Exp Capitalized	$10	$11	$16	$27	$32	$24	$36	$59	$199	$449	$153	$9	$1,024
5251000: PP Capitalio Pension	$75	$80	$122	$200	$241	$182	$290	$469	$1,579	$3,566	$1,215	$87	$8,106
5252000: PP Capitalc Oth Cost	$216	$231	$355	$580	$699	$528	$825	$1,394	$4,492	$10,144	$3,458	$215	$23,075
5253000: PP Capital A&G Labor	$58	$62	$95	$156	$188	$142	$266	$431	$1,451	$3,277	$1,117	$69	$7,312
5254000: PP Capital E&S Labor	$120	$132	$199	$122	$465	$345	$541	$872	$13,982	$30,949	$13,933	$154	$62,015
5254003: PP Capitalc Min E&S	$39	$43	$64	$104	$152	$113	$177	$286	$5,705	$12,298	$5,536	$64	$24,581
5503500: Other O/S Services									$104,037	$167,414	$90,423	$174	$362,048
5508000: Cntrct Csl-Other									$32	$70			$101
5509000: Contract Cost- Labor			$14					$14		$17,789			$17,817
A1000: OM&C Direct Labor									$1,278	$4,120			$5,398
A1500: Exempt Direct Labor	$1,215	$1,291	$1,992	$3,256	$3,826	$2,896	$4,279	$6,928	$6,257	$14,110	$1,485	$1,295	$48,829
PP-00446: JGS ST UB Generator Rotor Rewind													
5503500: Other O/S Services								($0)					($0)
PP-00453: JGS 7EA Turbine Casing													
5103500: Matl Stk Issues						($1,536)							($1,536)
5231300: OPEB Exp Capitalized						($2)							($2)
5251000: PP Capitalio Pension						($15)							($15)
5252000: PP Capitalc Oth Cost						($44)							($44)
5253000: PP Capital A&G Labor						($12)							($12)
5254000: PP Capital E&S Labor						($186)							($186)
5254003: PP Capitalc Min E&S						($61)							($61)
5380659: Lab PCS Chgbk-Ibr	($0)												($0)
5503500: Other O/S Services	($0)												($0)
C1010: Store Loading Labor						($30)							($30)
PP-00468: JGS-HRSG BURNER ISOLATION VALVES													
5231300: OPEB Exp Capitalized	$33	$15	($4)	$24	$20	$22	$18	$2	$18	$14	$341	$65	$568
5251000: PP Capitalio Pension	$250	$116	($34)	$182	$150	$164	$144	$15	$144	$113	$2,708	$628	$4,579
5252000: PP Capitalc Oth Cost	$725	$335	($98)	$527	$434	$475	$409	$42	$411	$320	$7,703	$1,551	$12,835
5253000: PP Capital A&G Labor	$195	$90	($26)	$142	$117	$128	$132	$14	$133	$104	$2,488	$497	$4,012
5254000: PP Capital E&S Labor	$1,086	$254	($2,653)	$361	$333	$564	$292	$26	$1,005	$554	$33,207	$7,421	$42,451
5254003: PP Capitalc Min E&S	$351	$82	($857)	$117	$109	$185	$96	$9	$410	$220	$13,195	$3,083	$16,999
5503500: Other O/S Services	$3,581	($0)	($30,602)		$0		$0		$6,900	$2,500	$219,636	$41,789	$243,804
5508000: Cntrct Csl-Other												$2,475	$2,475
5509000: Contract Cost- Labor	$4,225	$773	$917	$770	$482	$2,467	$364		$62			$25,902	$35,962
A1500: Exempt Direct Labor	$3,167	$1,795	$2,889	$2,872	$2,317	$2,271	$2,091	$220	$1,074	$1,168	$280	$420	$20,565
PP-00470: JGS NOx Umbilical Replacements													
5231300: OPEB Exp Capitalized	$10	$11	$2										$24
5251000: PP Capitalio Pension	$79	$86	$15		$0								$180
5252000: PP Capitalc Oth Cost	$228	$249	$45		$0								$522
5253000: PP Capital A&G Labor	$61	$67	$13		$0								$140
5254000: PP Capital E&S Labor	$127	$139	$25		$0								$290
5254003: PP Capitalc Min E&S	$41	$45	$8										$94
5503500: Other O/S Services					$0			($0)					$0
A1000: OM&C Direct Labor					$0								$0
A1500: Exempt Direct Labor	$1,282	$1,400	$252		$0								$2,934

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PP-00473: JGS Frame 7 Water Wash Controls Replace													
5101700: NonStock Material			($573)										($573)
5231300: OPEB Exp Capitalized	$4	$2	$8	$19									$33
5251000: PP Capitallo Pension	$33	$12	$63	$140									$249
5252000: PP Capitalc Oth Cost	$97	$35	$184	$406									$721
5253000: PP Capital A&G Labor	$26	$9	$49	$109									$194
5254000: PP Capital E&S Labor	$56	$19	$52	$226									$351
5254003: PP Capitalc Min E&S	$17	$6	$17	$73									$113
A1500: Exempt Direct Labor	$543	$197	$1,109	$2,281									$4,130
C1010: Store Loading Labor			($11)										($11)
PP-00492: JGS Engine Trolley Beam System													
5231300: OPEB Exp Capitalized					($14)								($14)
5251000: PP Capitallo Pension					($107)								($107)
5252000: PP Capitalc Oth Cost					($31)								($31)
5253000: PP Capital A&G Labor					($84)								($84)
5254000: PP Capital E&S Labor					($1,488)								($1,488)
5254003: PP Capitalc Min E&S					($488)								($488)
5503500: Other O/S Services					($12,500)								($12,500)
PP-00510: Jackson Major Motor and Pump Replace2023													
5101500: Matl Stk Issues	$27,880												$27,880
5101700: NonStock Material					$20,625								$20,625
5231300: OPEB Exp Capitalized	$51				$33	$3		$1	$116	($14)			$191
5251000: PP Capitallo Pension	$383				$247	$25		$11	$925	($106)			$1,483
5252000: PP Capitalc Oth Cost	$1,111				$715	$72		$31	$2,633	($307)			$4,255
5253000: PP Capital A&G Labor	$299				$192	$19		$10	$850	($99)			$1,271
5254000: PP Capital E&S Labor	$3,058				$2,586	$346		$143	$9,583	($1,155)			$14,541
5254003: PP Capitalc Min E&S	$989				$848	$113		$47	$3,902	($459)			$5,439
5503500: Other O/S Services						$2,906		$1,198	$74,014	($7,401)			$70,716
A1000: OM&C Direct Labor	$2,474				$712				$2,492	($249)			$5,428
C1010: Store Loading Labor	$538				$388								$926
PP-00511: JGS Small Valves and Instrumentation 2023													
5101700: NonStock Material							$4					$1,837	$1,841
5231300: OPEB Exp Capitalized	($57)	$61	$15	$0								$19	$38
5251000: PP Capitallo Pension	($430)	$460	$114	$3			$0					$180	$326
5252000: PP Capitalc Oth Cost	($1,247)	$1,332	$329	$7			$0					$445	$867
5253000: PP Capital A&G Labor	($335)	$358	$89	$2			$0					$143	$256
5254000: PP Capital E&S Labor	($5,998)	$6,396	$1,581	$35			$1					$455	$2,480
5254003: PP Capitalc Min E&S	($1,935)	$2,067	$511	$11			$0					$189	$844
5503500: Other O/S Services	($60,484)	$64,607	$15,974	$352									$20,449
A1000: OM&C Direct Labor												$2,492	$2,492
C1010: Store Loading Labor							$0					$0	$0
PP-00512: JGS 2023 Base Outage-Many Small Projects													
5101700: NonStock Material								$1,683		($0)			$1,683
5231300: OPEB Exp Capitalized		($4)						$2					($2)
5251000: PP Capitallo Pension		($31)						$18					($13)
5252000: PP Capitalc Oth Cost		($89)						$50					($39)
5253000: PP Capital A&G Labor		($24)						$16					($8)
5254000: PP Capital E&S Labor		($426)						$304					($122)
5254003: PP Capitalc Min E&S		($138)						$67					($71)
5380659: Lab PCS Chgbk-Ubr								($0)					($0)
5503500: Other O/S Services		($4,302)											($4,302)
A1500: Exempt Direct Labor		$0						($0)					
C1010: Store Loading Labor								$32					$32
PP-00514: JGS GLYCOL PUMP & INLET AND OUTLET VLVS													
5231300: OPEB Exp Capitalized					($37)								($37)
5251000: PP Capitallo Pension					($279)								($279)
5252000: PP Capitalc Oth Cost					($807)								($807)
5253000: PP Capital A&G Labor					($217)								($217)
5254000: PP Capital E&S Labor					($3,641)								($3,641)
5254003: PP Capitalc Min E&S					($1,193)								($1,193)
5503500: Other O/S Services					($30,282)								($30,282)
5508000: Cntrct Cst-Other					($20)								($20)
A1000: OM&C Direct Labor					($268)								($268)
A1500: Exempt Direct Labor					($27)								($27)
PP-00519: JGS - Aux Cooling Tower Bleach System													
5231300: OPEB Exp Capitalized		$2											$2
5251000: PP Capitallo Pension		$17											$17
5252000: PP Capitalc Oth Cost		$49											$49
5253000: PP Capital A&G Labor		$13											$13
5254000: PP Capital E&S Labor		$235											$235
5254003: PP Capitalc Min E&S		$76											$76
5503500: Other O/S Services		$2,377											$2,377
PP-00520: JGS - Reverse Osmosis Reject Reroute													
5231300: OPEB Exp Capitalized			$0										$0
5251000: PP Capitallo Pension			$0										$0
5252000: PP Capitalc Oth Cost			$1										$1
5253000: PP Capital A&G Labor			$0										$0
5254000: PP Capital E&S Labor			$3										$3
5254003: PP Capitalc Min E&S			$1										$1
5508000: Contract Cost- Labor			$28										$28
PP-00526: JGS Power Block Safety Showers													
5101700: NonStock Material			$213										$213
5231300: OPEB Exp Capitalized	$2		$0										$2
5251000: PP Capitallo Pension	$12		$2										$13
5252000: PP Capitalc Oth Cost	$33		$5										$39
5253000: PP Capital A&G Labor	$9		$1										$10
5254000: PP Capital E&S Labor	$160		$21										$182
5254003: PP Capitalc Min E&S	$52		$7										$59
5503500: Other O/S Services	$1,550												$1,550
5508000: Contract Cost- Labor	$70												$70
C1010: Store Loading Labor			$4										$4
PP-00543: JGS ML-17H Breaker Replacements													
5231300: OPEB Exp Capitalized	$210	$70	$2				$7	$14	$3	$31	$4	$8	$350
5251000: PP Capitallo Pension	$1,582	$529	$16				$58	$111	$21	$248	$33	$80	$2,679
5252000: PP Capitalc Oth Cost	$4,586	$1,532	$48				$165	$315	$60	$707	$95	$199	$7,706
5253000: PP Capital A&G Labor	$1,233	$412	$13				$53	$102	$19	$228	$31	$64	$2,154
5254000: PP Capital E&S Labor	$22,020	$7,357	$229				$755	$1,437	$257	$3,065	$411	$989	$36,519
5254003: PP Capitalc Min E&S	$7,118	$2,378	$74				$248	$471	$105	$1,218	$163	$411	$12,185
5503500: Other O/S Services	$222,425	$74,313	$2,310				$6,346	$12,074	$2,053	$20,297	$2,720	$9,406	$351,944
PP-00547: JGS CEMS Server Replacement													
5231300: OPEB Exp Capitalized				$22		$12							$33
5251000: PP Capitallo Pension				$164		$87							$251
5252000: PP Capitalc Oth Cost				$475		$252							$727
5253000: PP Capital A&G Labor				$128		$68							$195
5254000: PP Capital E&S Labor				$2,279		$1,016							$3,295
5254003: PP Capitalc Min E&S				$737		$333							$1,070
5503500: Other O/S Services				$23,024		$8,283							$31,307
A1500: Exempt Direct Labor						$255							$255
PP-00551: JGS Small Site Capital													
5101500: Matl Stk Issues		$111,927	$23,003		$13,324	$6,419		$44,528		$32,724	$27,218	$47,790	$306,932
5101700: NonStock Material			$4,496		($0)		$24,755	$7,564	$1,575	$11,624	$2,165	$18,467	$70,646
5227000: Indirect Str Cy/Adj		$390	$780										$1,170
5231300: OPEB Exp Capitalized	$16	$171	$48	$55	$5	$5	($8)	$72	$33	$112	$47	$72	$628
5251000: PP Capitallo Pension	$123	$1,292	$364	$411	$38	$36	($67)	$576	$261	$888	$377	$697	$4,997
5252000: PP Capitalc Oth Cost	$357	$3,744	$1,056	$1,193	$110	$104	($195)	$1,659	$743	$2,527	$1,072	$1,722	$14,075
5253000: PP Capital A&G Labor	$96	$1,006	$284	$321	$30	$28	($62)	$529	$240	$816	$346	$552	$4,186
5254000: PP Capital E&S Labor	$199	$11,970	$2,706	$5,726	$72	$727	($779)	$6,925	$3,200	$9,746	$4,462	$6,877	$51,830
5254003: PP Capitalc Min E&S	$64	$3,869	$875	$1,851	$24	$238	($255)	$2,269	$1,306	$3,873	$1,773	$2,857	$18,763
5503500: Other O/S Services		$1,036	$6,207	$57,839				$18,288	$27,578	$18,624	$2,064	$24,018	$155,454
A1000: OM&C Direct Labor	$2,005	$5,396	$1,901		$805	($632)		($17)		$799		$2,397	$12,654
A1500: Exempt Direct Labor										$42			$42
C1010: Store Loading Labor		$2,160	$444			$124	($124)	$756		$854	$264	$0	$4,478
PP-00554: JGS - 1-6 Feedwater Desuperheater Valve													
5101500: Matl Stk Issues										$2,845	$868		$3,713
5101700: NonStock Material								$309,065	$119,126	($0)	($0)	$29,276	$457,467
5200800: Lodging										$1,082	$52		$1,134
5201200: General Travel-Other		$36			$82		$89	$231		$145	$290		$873
5201600: Meals & Ent-50%										$222	$23		$244
5227000: Indirect Str Cy/Adj										$4,178			$4,178
5231300: OPEB Exp Capitalized	$8	$21	$23	$30	$40	$44	$53	$440	$876	$864	$36	$76	$2,511
5251000: PP Capitallo Pension	$57	$156	$177	$225	$301	$331	$423	$3,498	$6,958	$6,866	$287	$737	$20,016
5252000: PP Capitalc Oth Cost	$166	$452	$513	$651	$871	$960	$1,205	$9,950	$19,795	$19,533	$817	$1,820	$56,733
5253000: PP Capital A&G Labor	$45	$121	$138	$175	$234	$258	$389	$3,214	$6,394	$6,310	$264	$583	$18,125
5254000: PP Capital E&S Labor	$93	$255	$285	$362	$577	$643	$791	$37,961	$80,113	$66,277	$785	$7,490	$195,631
5254003: PP Capitalc Min E&S	$30	$82	$92	$117	$189	$211	$259	$12,441	$32,686	$36,335	$312	$3,112	$75,866
5380659: Lab PCS Chgbk-Ubr										$7,569			$7,569
5390659: Lab PCS Chgbk-Nlbr										$3,129			$3,129
5503500: Other O/S Services									$507,111	$386,755		$39,322	$933,188
5508000: Cntrct Cst-Other										$967			$967
5509000: Contract Cost- Labor						$155	$309	($201)	$7,500	$18,006	$108	$418	$26,294
A1000: OM&C Direct Labor									$2,243	$435			$2,678
A1500: Exempt Direct Labor	$934	$2,535	$2,879	$3,659	$4,770	$5,246	$6,250	$3,937	$2,628	$13,532	$3,846	$2,219	$52,436
C1010: Store Loading Labor								$5,965	$2,299	$55	$8	$0	$8,328

CAP: 2024 Actual Result Review - Supplemental	Jan - 2024	Feb - 2024	Mar - 2024	Apr - 2024	May - 2024	Jun - 2024	Jul - 2024	Aug - 2024	Sep - 2024	Oct - 2024	Nov - 2024	Dec - 2024	2024
	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
MICHIGAN PUBLIC SERVICE COMMISSION													
Consumers Energy Company													
Generation Capital Summary													
2024 Project Actual Capital Expenditures													
PP-00558: JGS 480V Breaker (WavePro) Replacement													
5101500: Matl Stk Issues			$11,745					$14,624					$26,369
5231300: OPEB Exp Capitalized			$13					$168		$76		($151)	$106
5251000: PP Capitalzu Pension			$97					$1,331		$602		($1,457)	$573
5252000: PP Capitalz Oth Cost			$283					$3,786		$1,714		($3,600)	$2,183
5253000: PP Capital A&G Labor			$76					$1,223		$554		($1,153)	$700
5254000: PP Capital E&S Labor			$1,185					$17,069		$6,516		($17,916)	$6,854
5254003: PP Capitalz Mtn E&S			$383					$5,594		$2,589		($7,446)	$1,123
5503500: Other O/S Services								$128,531		$41,874		($170,405)	
A1000: OM&C Direct Labor										$857			$857
A3500: Exempt Direct Labor										$424			$424
C1010: Store Loading Labor			$227					$282					$509
PP-00566: JGS - 1-6 LM HP Start-up Vent Silencer R													
5101700: NonStock Material									$114,406	$3,550			$117,956
5227000: Indirect Ubr Cr/Adj										$4,424			$4,424
5231300: OPEB Exp Capitalized									$192	$206		($2)	$396
5251000: PP Capitalzu Pension									$1,528	$1,636		($19)	$3,146
5252000: PP Capitalz Oth Cost									$4,348	$4,654		($46)	$8,956
5253000: PP Capital A&G Labor									$1,404	$1,503		($15)	$2,893
5254000: PP Capital E&S Labor									$17,025	$14,927		($230)	$31,722
5254003: PP Capitalz Mtn E&S									$6,946	$5,931		($96)	$12,782
5380659: Lab PCS Chgbk-Ubr										$2,627			$2,627
5390659: Lab PCS Chgbk-Nlbr										$1,026			$1,026
5503500: Other O/S Services									$19,411	$86,932		($2,188)	$104,155
A1000: OM&C Direct Labor									$171				$171
A3500: Exempt Direct Labor										$229			$229
C1010: Store Loading Labor									$2,208	$69			$2,277
PP-00568: JGS 2024 Base Outage													
5101500: Matl Stk Issues			$6,625	$13,305	$10,855		$60,232			$83,615		$47,310	$261,943
5101700: NonStock Material				$12,291	$6,898		($0)		$25,181	$193			$46,563
5231300: OPEB Exp Capitalized			$15	$96	$57	$5	$105	$7	$56	$439	$8	$129	$918
5251000: PP Capitalzu Pension			$110	$725	$430	$41	$836	$57	$441	$3,489	$65	$1,250	$7,445
5252000: PP Capitalz Oth Cost			$319	$2,103	$1,247	$120	$2,379	$162	$1,235	$9,925	$185	$3,087	$20,782
5253000: PP Capital A&G Labor			$86	$565	$335	$32	$769	$52	$405	$3,206	$60	$989	$6,489
5254000: PP Capital E&S Labor			$757	$7,717	$3,750	$118	$8,051	$741	$4,361	$35,452	($554)	$15,366	$75,758
5254003: PP Capitalz Mtn E&S			$245	$2,495	$1,229	$39	$2,639	$243	$1,779	$14,087	($221)	$6,384	$28,918
5380659: Lab PCS Chgbk-Ubr										$1,689			$1,689
5390659: Lab PCS Chgbk-Nlbr										$594			$594
5503500: Other O/S Services				$9,210	$8,809	$389	$3,693	$6,230	$8,239	$139,765	($5,577)	$98,839	$269,598
A1000: OM&C Direct Labor			$895	$1,882	$2,565	$605	$2,568		$979	$4,316	$1,898	($0)	$15,707
A3500: Exempt Direct Labor										$2,989			$2,989
C1010: Store Loading Labor			$128	$1,266	$381		$1,162		$486	$1,617		$0	$5,042
PP-00570: JGS GE LTSA Historical Extra Work -2024													
5101500: Matl Stk Issues					$30,824								$30,824
5231300: OPEB Exp Capitalized				$9	$233	$4					$62	$53	$361
5251000: PP Capitalzu Pension				$71	$1,754	$29					$491	$516	$2,861
5252000: PP Capitalz Oth Cost				$206	$5,084	$83					$1,397	$1,275	$8,045
5253000: PP Capital A&G Labor				$55	$1,366	$22					$451	$408	$2,304
5254000: PP Capital E&S Labor				$989	$18,879	$396					$6,059	$6,347	$32,669
5254003: PP Capitalz Mtn E&S				$320	$6,187	$130					$2,407	$2,637	$11,681
5503500: Other O/S Services				$9,985	$120,590	$3,331					$40,123	$40,363	$234,392
A1000: OM&C Direct Labor					$3,756								$3,756
A3500: Exempt Direct Labor					$2,883								$2,883
C1010: Store Loading Labor					$595								$595
PP-00573: JGS - LM1-6 Steam injection trap Replace													
5101500: Matl Stk Issues										$65			$65
5101700: NonStock Material									$8,901	$3,752			$12,653
5227000: Indirect Ubr Cr/Adj										$4,916			$4,916
5231300: OPEB Exp Capitalized								$12	$39	$252	$94		$397
5251000: PP Capitalzu Pension								$92	$306	$2,003	$749		$3,150
5252000: PP Capitalz Oth Cost								$263	$870	$5,699	$2,131		$8,962
5253000: PP Capital A&G Labor								$85	$281	$1,841	$688		$2,895
5254000: PP Capital E&S Labor								$164	$2,824	$17,221	$9,056		$29,266
5254003: PP Capitalz Mtn E&S								$54	$1,152	$6,843	$3,599		$11,647
5380659: Lab PCS Chgbk-Ubr									$953	$5,484			$6,437
5390659: Lab PCS Chgbk-Nlbr									$335	$1,927			$2,262
5503500: Other O/S Services									$12,062	$97,831	$59,718		$169,611
A1000: OM&C Direct Labor								$1,374	$173		$259		$1,806
C1010: Store Loading Labor									$172	$74			$245
PP-00574: JGS-LM1-6 VIGV-variable inlet guide vane													
5231300: OPEB Exp Capitalized							$63		($70)			$7	($0)
5251000: PP Capitalzu Pension							$497		($553)			$66	$9
5252000: PP Capitalz Oth Cost							$1,413		($1,574)			$163	$2
5253000: PP Capital A&G Labor							$456		($508)			$52	$0
5254000: PP Capital E&S Labor							$6,450		($4,775)			$810	$485
5254003: PP Capitalz Mtn E&S							$2,114		($2,764)			$336	($316)
5503500: Other O/S Services							$54,200		($54,200)			$7,703	$7,703
PP-00576: JGS Combustion Turbine Inlet Canister													
5231300: OPEB Exp Capitalized									$274	$243	$2		$519
5251000: PP Capitalzu Pension									$2,174	$1,931	$15		$4,120
5252000: PP Capitalz Oth Cost									$6,185	$5,494	$42		$11,720
5253000: PP Capital A&G Labor									$1,998	$1,775	$14		$3,786
5254000: PP Capital E&S Labor									$21,203	$2,729	$181		$24,113
5254003: PP Capitalz Mtn E&S									$8,651	$1,084	$72		$9,807
5503500: Other O/S Services									$162,000	($11,413)	$1,201		$151,788
A1000: OM&C Direct Labor									$7,628	$28,415			$36,042
A3500: Exempt Direct Labor										$1,068			$1,068
PP-00581: JGS Chiller D Compressor H Overhaul													
5231300: OPEB Exp Capitalized										$99		$171	$269
5251000: PP Capitalzu Pension										$783		$1,653	$2,436
5252000: PP Capitalz Oth Cost										$2,227		$4,083	$6,311
5253000: PP Capital A&G Labor										$720		$1,308	$2,027
5254000: PP Capital E&S Labor										$9,661		$20,324	$29,985
5254003: PP Capitalz Mtn E&S										$3,839		$8,444	$12,283
5503500: Other O/S Services										$63,979		$193,303	$257,282
PP-00583: JGS Unit 7 Upper Duct Burner Replacement													
5101700: NonStock Material										$119,188		$41,171	$160,358
5203200: Postage/Mail Service										$32			$32
5231300: OPEB Exp Capitalized									$230	$278	($26)	$6	$477
5251000: PP Capitalzu Pension									$1,745	$2,207	($207)	$54	$3,800
5252000: PP Capitalz Oth Cost									$4,966	$6,279	($569)	$134	$10,790
5253000: PP Capital A&G Labor									$1,604	$2,028	($190)	$43	$3,485
5254000: PP Capital E&S Labor									$20,193	$20,985	($1,589)	$668	$40,456
5254003: PP Capitalz Mtn E&S									$8,320	$8,338	($613)	$277	$16,304
5380000: Lab CHM Chgbk-Ubr										$629	($629)		
5380659: Lab PCS Chgbk-Ubr										$3,060	($306)		$2,754
5390000: Lab CHM Chgbk-Nlbr										$339	($339)		
5390659: Lab PCS Chgbk-Nlbr										$1,075			$1,075
5503500: Other O/S Services									$161,759	$9,607	($8,839)	($34,821)	$127,706
A1000: OM&C Direct Labor									$1,382	$2,361	($374)		$3,369
A3500: Exempt Direct Labor										$382	($38)		$343
C1010: Store Loading Labor										$2,300		$0	$2,301
PP-00585: JGS RO TREATMENT TRAIN INSTRUMENTATION													
5101700: NonStock Material											$15,981	$5,809	$21,790
5231300: OPEB Exp Capitalized											$27	$5	$32
5251000: PP Capitalzu Pension											$217	$50	$267
5252000: PP Capitalz Oth Cost											$618	$123	$741
5253000: PP Capital A&G Labor											$200	$39	$239
5254000: PP Capital E&S Labor											$2,460	$611	$3,070
5254003: PP Capitalz Mtn E&S											$977	$254	$1,231
C1010: Store Loading Labor											$308	$0	$309
PP-00594: JGS Paving Replace - NE Section of Plant													
5231300: OPEB Exp Capitalized											$120	($18)	$102
5251000: PP Capitalzu Pension											$953	($171)	$782
5252000: PP Capitalz Oth Cost											$2,711	($422)	$2,288
5253000: PP Capital A&G Labor											$876	($135)	$740
5254000: PP Capital E&S Labor											$11,476	($2,102)	$9,374
5254003: PP Capitalz Mtn E&S											$4,560	($673)	$3,887
5380659: Lab PCS Chgbk-Ubr											$392		$392
5390659: Lab PCS Chgbk-Nlbr											$138		$138
5503500: Other O/S Services											$75,468	($19,991)	$55,477
PP-95849: Jackson Generating Station-Small Tools													
5503500: Other O/S Services	($93)												($93)
CAP - Karn 3													
PT-01964: K3 MOT Cooler Backflush System													
5231300: OPEB Exp Capitalized					($94)					($23)			($117)
5251000: PP Capitalzu Pension					($710)					($183)			($893)
5252000: PP Capitalz Oth Cost					($2,057)					($522)			($2,579)
5253000: PP Capital A&G Labor					($553)					($169)			($721)
5254000: PP Capital E&S Labor					($5,429)					($2,263)			($7,692)
5254003: PP Capitalz Mtn E&S					($1,779)					($899)			($2,679)
5503500: Other O/S Services					($39,562)					($14,987)			($54,529)
5508000: Cntrct Csh Other					($220)								($220)
A1000: OM&C Direct Labor					($333)								($333)
A3000: Non-Exempt Direct Ubr					($21)								($21)
A3500: Exempt Direct Labor					($5,309)								($5,309)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PT-01898: K3 3B ID Fan Rebuild													
5227000: Indirect Lbr Cr/Adj				$0	$13,710				$0				$13,710
5254003: PP Capitalz Mtn E&S					$8,527								$8,527
5380000: Lab CHM Chgbk-Lbr					$281								$281
5380659: Lab PCS Chgbk-Lbr					$6,068								$6,068
5503500: Other O/S Services				$0	$119,246				$0				$119,246
5508000: Cntrct Cst-Other					$4,435								$4,435
A3000: Non-Exmpt Direct Lbr					$444								$444
A3500: Exempt Direct Labor				$0	$74,475								$74,475
PT-02028: K3 Main Exciter Diodes Replacement													
5503500: Other O/S Services								$0					$0
A3500: Exempt Direct Labor								$0					$0
PT-02029: K3 IsoPhase Lightning Arrestors Rplcmt													
5231300: OPEB Exp Capitalized				($5)									($5)
5251000: PP Capitalz Pension				($38)									($38)
5252000: PP Capitalz Oth Cost				($109)									($109)
5253000: PP Capital A&G Labor				($29)									($29)
5254000: PP Capital E&S Labor				($208)									($208)
5254003: PP Capitalz Mtn E&S				($67)									($67)
5503500: Other O/S Services				($1,674)									($1,674)
5508000: Cntrct Cst-Other				($3)									($3)
A1000: OM&C Direct Labor				($12)									($12)
A3500: Exempt Direct Labor				($409)									($409)
PT-02031: K3 Pressure Relay													
A3500: Exempt Direct Labor						($0)							($0)
PT-02096: K3 CCW Sulfuric Acid Tank Replacement													
5231300: OPEB Exp Capitalized							$692						$692
5251000: PP Capitalz Pension							$5,495						$5,495
5252000: PP Capitalz Oth Cost							$15,633						$15,633
5253000: PP Capital A&G Labor							$5,050						$5,050
5254000: PP Capital E&S Labor							$31,776						$31,776
5254003: PP Capitalz Mtn E&S							$10,414						$10,414
5380659: Lab PCS Chgbk-Lbr							$186						$186
5503500: Other O/S Services							$214,427						$214,427
5508000: Cntrct Cst-Other							$38						$38
A3000: Non-Exmpt Direct Lbr							$597						$597
A3500: Exempt Direct Labor							$11,745						$11,765
C8056: LAB RCTEST LBR							$30						$30
PT-02251: Karn 3 Boiler Camera Replacement													
5231300: OPEB Exp Capitalized							($21)						($21)
5251000: PP Capitalz Pension							($166)						($166)
5252000: PP Capitalz Oth Cost							($474)						($474)
5253000: PP Capital A&G Labor							($153)						($153)
5254000: PP Capital E&S Labor							($2,162)						($2,162)
5254003: PP Capitalz Mtn E&S							($709)						($709)
5503500: Other O/S Services							($18,168)						($18,168)
PT-02613: Karn 3 Cooling Tower Internal Structure													
5101500: Matl Stk Issues	$1,478	$345	$1,244	$575	$345				$776	$673	$30,404	$319	$36,059
5101700: NonStock Material	$334		$191	$3,072		$2,553	$122		$9,908	$2,739	$2,701		$21,621
5101750: N-Stk Mtl Nonstorerm										$61			$61
5231300: OPEB Exp Capitalized	$253	$398	$549	$441	$366	($75)	$0	$16	$111	$674	$616	$661	$4,210
5251000: PP Capitalz Pension	$1,909	$1,003	$4,140	$3,328	$2,758	($567)	$1	$124	$883	$5,358	$4,891	$8,332	$34,161
5252000: PP Capitalz Oth Cost	$5,534	$8,704	$12,002	$9,646	$7,995	($1,643)	$4	$353	$2,512	$15,244	$13,914	$20,578	$94,842
5253000: PP Capital A&G Labor	$1,487	$2,339	$3,225	$2,592	$2,149	($442)	$1	$114	$812	$4,924	$4,495	$6,591	$28,287
5254000: PP Capital E&S Labor	$26,543	$41,465	$51,134	$38,484	$38,254	($8,659)	$35	$1,810	$3,031	$45,917	$53,194	$100,079	$391,087
5254003: PP Capitalz Mtn E&S	$8,580	$13,403	$16,528	$12,439	$12,537	($2,838)	$5	$528	$1,237	$18,245	$21,137	$41,581	$143,381
5503500: Other O/S Services	$266,264	$418,065	$506,486	$373,855	$321,210	($76,380)		$13,533	$2,603	$272,385	$309,173	$948,235	$3,355,430
5509000: Contract Cost- Labor				$868									$868
A1000: OM&C Direct Labor			$8,559	$10,290		$1,009			$10,752	$28,160	$9,677	$3,310	$71,756
A3500: Exempt Direct Labor		$425											$425
C1010: Store Loading Labor	$35	$7	$28	$70	$5	$49	$2		$206	$66	$321		$789
PT-02753: Karn 3 Cooling Tower Fan #7 Replacement													
5231300: OPEB Exp Capitalized									($17)				($17)
5251000: PP Capitalz Pension									($136)				($136)
5252000: PP Capitalz Oth Cost									($386)				($386)
5253000: PP Capital A&G Labor									($125)				($125)
5254000: PP Capital E&S Labor									($1,662)				($1,662)
5254003: PP Capitalz Mtn E&S									($678)				($678)
5503500: Other O/S Services									($13,295)				($13,295)
PT-02804: Karn 3 Cooling Tower Riser Replacements													
5231300: OPEB Exp Capitalized									($74)				($74)
5251000: PP Capitalz Pension									($589)				($589)
5252000: PP Capitalz Oth Cost									($1,675)				($1,675)
5253000: PP Capital A&G Labor									($541)				($541)
5254000: PP Capital E&S Labor									($6,984)				($6,984)
5254003: PP Capitalz Mtn E&S									($2,949)				($2,949)
5380659: Lab PCS Chgbk-Lbr									($43)				($43)
5503500: Other O/S Services									($55,553)				($55,553)
A1500: Exempt Direct Labor									($274)				($274)
PT-02936: Karn 3 DCS Evergreen													
5101700: NonStock Material								$10,494					$10,494
5231300: OPEB Exp Capitalized				$186				$14	$505	$627	($74)	$70	$1,328
5251000: PP Capitalz Pension				$1,399				$110	$4,036	$4,980	($569)	$677	$10,707
5252000: PP Capitalz Oth Cost				$4,056				$312	$11,425	$14,168	($1,665)	$1,672	$29,968
5253000: PP Capital A&G Labor				$1,090				$101	$3,691	$4,577	($538)	$536	$9,456
5254000: PP Capital E&S Labor				$19,474				$1,273	$49,176	$59,761	($15,974)	$8,323	$122,033
5254003: PP Capitalz Mtn E&S				$4,295				$417	$20,064	$23,746	($6,347)	$3,458	$47,033
5503500: Other O/S Services				$196,705					$393,410	$393,410	($118,023)	$79,165	$944,668
A3000: Non-Exmpt Direct Lbr										$2,359	$272		$2,631
A3500: Exempt Direct Labor											$11,961	$0	$11,961
C1010: Store Loading Labor								$203					$203
PT-02947: Karn 3B CCWP Motor Stator Rewind													
5101500: Matl Stk Issues							$44			$777			$821
5231300: OPEB Exp Capitalized							$137	$76		$246	$60		$518
5251000: PP Capitalz Pension							$1,087	$605		$1,955	$473		$4,119
5252000: PP Capitalz Oth Cost							$3,091	$1,720	($0)	$5,562	$1,345	$0	$11,718
5253000: PP Capital A&G Labor							$999	$556		$1,797	$434		$3,785
5254000: PP Capital E&S Labor							$1,930	$8,610	($0)	$21,847	$1,327		$33,714
5254003: PP Capitalz Mtn E&S							$632	$2,822	($0)	$8,681	$527		$12,663
5503500: Other O/S Services								$73,362	($0)	$140,727	$2,492		$216,581
A1000: OM&C Direct Labor							$16,171	($1,806)		$3,165	$6,296	$0	$24,026
C1010: Store Loading Labor							$1			$15			$16
PT-02949: Karn 3 Residual Oil Heater Overhaul													
5101500: Matl Stk Issues										$33			$33
5231300: OPEB Exp Capitalized										$173		$73	$246
5251000: PP Capitalz Pension										$1,377		$702	$2,079
5252000: PP Capitalz Oth Cost										$3,918		$1,734	$5,652
5253000: PP Capital A&G Labor										$1,266		$555	$1,821
5254000: PP Capital E&S Labor										$16,993		$8,631	$25,623
5254003: PP Capitalz Mtn E&S										$6,752		$3,586	$10,338
5503500: Other O/S Services										$112,500		$82,089	$194,589
C1010: Store Loading Labor										$1			$1
CAP - Karn 3&4 Commons													
PT-02151: K3&4 Cleanwell Line Replement													
A3500: Exempt Direct Labor							($0)						($0)
PT-02193: Karn 3&4 South Undergrnd Fire Line Replc													
A3500: Exempt Direct Labor				($0)	$0								($0)
PT-02224: Karn 3<J>&<J>4 Ductwork Expansion Joint													
5227000: Indirect Lbr Cr/Adj												($4,340)	($4,340)
5231300: OPEB Exp Capitalized										$6		($227)	($221)
5251000: PP Capitalz Pension										$49		($2,199)	($2,150)
5252000: PP Capitalz Oth Cost										$140		($5,432)	($5,293)
5253000: PP Capital A&G Labor										$45		($1,740)	($1,695)
5254000: PP Capital E&S Labor										$607		($21,050)	($20,443)
5254003: PP Capitalz Mtn E&S										$241		($8,746)	($8,505)
5503500: Other O/S Services										$4,022		($191,132)	($187,110)
5508000: Cntrct Cst-Other												($605)	($605)
A3500: Exempt Direct Labor												($4,131)	($4,131)
C8056: LAB RCTEST LBR												($2)	($2)
PT-02236: K3&4 Hypochlorite Tank													
5503500: Other O/S Services				($0)									($0)
PT-02311: K3&4 ID & FD Fan Inlet Damper Actuator													
5231300: OPEB Exp Capitalized											($93)		($93)
5251000: PP Capitalz Pension											($739)		($739)
5252000: PP Capitalz Oth Cost											($2,102)		($2,102)
5253000: PP Capital A&G Labor											($678)		($678)
5254000: PP Capital E&S Labor											($3,638)		($3,638)
5254003: PP Capitalz Mtn E&S											($1,446)		($1,446)
5380659: Lab PCS Chgbk-Lbr											($62)		($62)
5503500: Other O/S Services											($16,435)		($16,435)
A3000: Non-Exmpt Direct Lbr											($321)		($321)
A3500: Exempt Direct Labor											($7,274)		($7,274)
PT-02401: Karn Small Pumps and Motors - 2019													
5227000: Indirect Lbr Cr/Adj										($1,432)			($1,432)
5231300: OPEB Exp Capitalized										($14)			($14)
5251000: PP Capitalz Pension										($109)			($109)
5252000: PP Capitalz Oth Cost										($310)			($310)
5253000: PP Capital A&G Labor										($100)			($100)
5254000: PP Capital E&S Labor										($234)			($234)
5254003: PP Capitalz Mtn E&S										($93)			($93)
A1000: OM&C Direct Labor										($118)			($118)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PT-02505: Karn 3 and 4 Oil Forwarding Line Heat Tr													
5231300: OPEB Exp Capitalized												($47)	($47)
5251000: PP Capitallo Pension												($647)	($647)
5252000: PP Capitalc Oth Cost												($1,599)	($1,599)
5253000: PP Capital A&G Labor												($512)	($512)
5254000: PP Capital E&S Labor												($3,074)	($3,074)
5254003: PP Capitals Min E&S												($1,277)	($1,277)
5503500: Other O/S Services												($22,326)	($22,326)
A1000: OM&C Direct Labor												($6,169)	($6,169)
A1500: Exempt Direct Labor												($743)	($743)
PT-02508: K 3&4 Replace Heating Regulators													
5231300: OPEB Exp Capitalized								($30)					($30)
5251000: PP Capitallo Pension								($241)					($241)
5252000: PP Capitalc Oth Cost								($687)					($687)
5253000: PP Capital A&G Labor								($222)					($222)
5254000: PP Capital E&S Labor								($479)					($479)
5254003: PP Capitals Min E&S								($157)					($157)
5503500: Other O/S Services								($500)					($500)
A1000: OM&C Direct Labor								($2,527)					($2,527)
PT-02807: Karn 3&4 HEA Compressor Motor Rewind													
5231300: OPEB Exp Capitalized								($6)					($6)
5251000: PP Capitallo Pension								($47)					($47)
5252000: PP Capitalc Oth Cost								($133)					($133)
5253000: PP Capital A&G Labor								($43)					($43)
5254000: PP Capital E&S Labor								($207)					($207)
5254003: PP Capitals Min E&S								($68)					($68)
5503500: Other O/S Services								($1,207)					($1,207)
A1000: OM&C Direct Labor								($533)					($533)
PT-02619: Karn 3&4 Screenhouse Heater Replacements													
5231300: OPEB Exp Capitalized											($1)		($1)
5251000: PP Capitallo Pension											($11)		($11)
5252000: PP Capitalc Oth Cost											($30)		($30)
5253000: PP Capital A&G Labor											($10)		($10)
5254000: PP Capital E&S Labor											($110)		($110)
5254003: PP Capitals Min E&S											($52)		($52)
5503500: Other O/S Services											($860)		($860)
PT-02628: Karn 3&4 Sync Wire Replacement													
5101500: Matl Stk Issues									$11				$11
5101700: NonStock Material	$628	$5,225	$2,479		($0)					$22,880			$31,213
5200800: Lodging									$102		$337	$196	$635
5201200: General Travel-Other									$186	$154	$161	$688	$1,389
5201600: Meals & Ent-50%									$21		$101	$49	$171
5231300: OPEB Exp Capitalized	$30	$26	$32	$160	$170	$164	$29	$75	$175	$424	$661	($56)	$1,890
5250000: PP Capitallo AFUDC						$10,104	$3,671	$1,811	$4,293	$5,330	$6,961	$7,940	$42,321
5251000: PP Capitallo Pension	$227	$198	$243	$1,210	$1,280	$1,235	$230	$593	$1,389	$3,369	$5,249	($545)	$14,684
5252000: PP Capitalc Oth Cost	$657	$575	$704	$3,508	$3,709	$3,581	$655	$1,688	$3,950	$9,583	$14,933	($1,133)	$42,212
5253000: PP Capital A&G Labor	$177	$155	$189	$943	$997	$962	$212	$545	$1,276	$3,096	$4,824	($427)	$12,948
5254000: PP Capital E&S Labor	$420	$777	$608	$14,096	$15,383	$12,381	$945	$4,440	$11,686	$26,087	$39,478	$95	$126,967
5254003: PP Capitals Min E&S	$136	$251	$197	$4,547	$5,042	$4,254	$310	$1,455	$4,788	$10,366	$15,687	$40	$47,051
5380659: Lab PCS Chgbk-Ubr										$337		($34)	$303
5390659: Lab PCS Chgbk-Nidsr										$118			$118
5503500: Other O/S Services				$138,406	$126,129	$103,565	$4,999	$33,143	$85,290	$128,061	$225,308	$6,362	$851,261
5508000: Cntrct Cst-Other												($12)	($12)
5509000: Contract Cost - Labor							$224	($168)	$193	($84)		$3,148	$3,512
A1000: Non-Exempt Direct Lbr										$103		($30)	$92
A1500: Exempt Direct Labor	$3,607	$2,525	$3,618	$3,675	$3,141	$5,516	$2,717	$4,336	$7,486	$20,748	$35,339	($9,481)	$83,228
C1010: Store Loading Labor	$12	$101	$48						$0	$442			$603
PT-02629: Karn 3&4 Screen Drive Replacement													
5503500: Other O/S Services							($0)						($0)
A1500: Exempt Direct Labor							($0)						($0)
PT-02634: KARN 4 COOLING TOWER UNIT HEATER													
5231300: OPEB Exp Capitalized											($2)		($2)
5251000: PP Capitallo Pension											($19)		($19)
5252000: PP Capitalc Oth Cost											($54)		($54)
5253000: PP Capital A&G Labor											($17)		($17)
5254000: PP Capital E&S Labor											($41)		($41)
5254003: PP Capitals Min E&S											($16)		($16)
A1000: OM&C Direct Labor											($255)		($255)
A1500: Exempt Direct Labor											($14)		($14)
PT-02730: Karn Warehouse Circuit Board													
5231300: OPEB Exp Capitalized							($2)						($2)
5251000: PP Capitallo Pension							($18)						($18)
5252000: PP Capitalc Oth Cost							($51)						($51)
5253000: PP Capital A&G Labor							($16)						($16)
5254000: PP Capital E&S Labor							($232)						($232)
5254003: PP Capitals Min E&S							($76)						($76)
5503500: Other O/S Services							($1,953)						($1,953)
PT-02763: Karn Small Pumps and Motors 2021													
5231300: OPEB Exp Capitalized								($7)					($7)
5251000: PP Capitallo Pension								($54)					($54)
5252000: PP Capitalc Oth Cost								($153)					($153)
5253000: PP Capital A&G Labor								($49)					($49)
5254000: PP Capital E&S Labor								($190)					($190)
5254003: PP Capitals Min E&S								($62)					($62)
5503500: Other O/S Services								($916)					($916)
A1000: OM&C Direct Labor								($677)					($677)
PT-02764: Karn Sm Valves and Instrumentation-2021													
5231300: OPEB Exp Capitalized											($2)		($2)
5251000: PP Capitallo Pension											($15)		($15)
5252000: PP Capitalc Oth Cost											($42)		($42)
5253000: PP Capital A&G Labor											($14)		($14)
5254000: PP Capital E&S Labor											($32)		($32)
5254003: PP Capitals Min E&S											($13)		($13)
A1000: OM&C Direct Labor											($209)		($209)
PT-02786: Karn 3&4 8th Floor Lighting Replacement													
5231300: OPEB Exp Capitalized								($8)					($8)
5251000: PP Capitallo Pension								($62)					($62)
5252000: PP Capitalc Oth Cost								($178)					($178)
5253000: PP Capital A&G Labor								($57)					($57)
5254000: PP Capital E&S Labor								($810)					($810)
5254003: PP Capitals Min E&S								($266)					($266)
5503500: Other O/S Services								($6,811)					($6,811)
PT-02865: Karn Small Valves & Instrumentation-2022													
5231300: OPEB Exp Capitalized											($1)		($1)
5251000: PP Capitallo Pension											($9)		($9)
5252000: PP Capitalc Oth Cost											($26)		($26)
5253000: PP Capital A&G Labor											($8)		($8)
5254000: PP Capital E&S Labor											($19)		($19)
5254003: PP Capitals Min E&S											($8)		($8)
A3100: Labor Lab Tech											($50)		($50)
A1500: Exempt Direct Labor											($68)		($68)
M3039: Field Lab Services L											($10)		($10)
PT-02876: Karn 3&4 Aux Boiler 480V Transformer													
5231300: OPEB Exp Capitalized										($36)			($36)
5251000: PP Capitallo Pension										($285)			($285)
5252000: PP Capitalc Oth Cost										($811)			($811)
5253000: PP Capital A&G Labor										($262)			($262)
5254000: PP Capital E&S Labor										($1,508)			($1,508)
5254003: PP Capitals Min E&S										($1,394)			($1,394)
5503500: Other O/S Services										($23,216)			($23,216)
A1500: Exempt Direct Labor										($15)			($15)
PT-02881: Karn 3&4 Mini Split PS Office													
5231300: OPEB Exp Capitalized										($1)			($1)
5251000: PP Capitallo Pension										($8)			($8)
5252000: PP Capitalc Oth Cost										($22)			($22)
5253000: PP Capital A&G Labor										($7)			($7)
5254000: PP Capital E&S Labor										($97)			($97)
5254003: PP Capitals Min E&S										($39)			($39)
5503500: Other O/S Services										($643)			($643)
PT-02884: KARN 3&4 UNIT HEATERS - 2022													
5231300: OPEB Exp Capitalized										($8)			($8)
5251000: PP Capitallo Pension										($64)			($64)
5252000: PP Capitalc Oth Cost										($183)			($183)
5253000: PP Capital A&G Labor										($59)			($59)
5254000: PP Capital E&S Labor										($138)			($138)
5254003: PP Capitals Min E&S										($55)			($55)
A1000: OM&C Direct Labor										($914)			($914)
PT-02886: KARN 3&4 TANK FARM HEATING LINE REPLACE													
5101700: NonStock Material		$151,067						$87,076			$30,214	$6,361	$274,718
5200200: General Travel-Other									$52	$26	$105		$183
5231300: OPEB Exp Capitalized	$2	$176	$9	$8	$14	$39	$11	$302	$407	$338	$56	$31	$1,393
5250000: PP Capitallo AFUDC							$12,101	$2,972	$4,852	$6,681	$7,465	$7,589	$41,660
5251000: PP Capitallo Pension	$12	$1,324	$68	$61	$102	$297	$91	$2,403	$3,230	$2,688	$443	$103	$11,023
5252000: PP Capitalc Oth Cost	$35	$3,837	$196	$178	$297	$862	$259	$6,835	$9,190	$7,648	$1,259	$750	$31,347
5253000: PP Capital A&G Labor	$9	$1,031	$53	$48	$80	$232	$84	$2,208	$2,969	$2,471	$407	$240	$9,830
5254000: PP Capital E&S Labor	$19	$15,357	$109	$99	$194	$3,132	$161	$29,031	$37,470	$29,239	$2,887	$1,524	$119,223
5254003: PP Capitals Min E&S	$6	$4,964	$35	$32	$63	$1,026	$53	$9,514	$15,288	$11,618	$1,147	$633	$44,381
5380659: Lab PCS Chgbk-Ubr									$70	$571	$643		$1,283
5390659: Lab PCS Chgbk-Nidsr									$25	$200	$276		$501
5503500: Other O/S Services						$25,000		$154,000	$292,570	$179,595	($16,179)	$3,944	$638,930
5509000: Contract Cost - Labor									$4,175	$8,317	$661	$1,071	$14,223
5890000: Oth Non3Lr Exp											$444		$444
A1000: Non-Exempt Direct Lbr											$462	$877	$1,338
A1500: Exempt Direct Labor	$197	$1,141	$1,103	$1,000	$1,627	$1,318	$1,356	$1,200	$2,870	$4,924	$2,202	$2,246	$21,184
C1010: Store Loading Labor		$2,916						$1,681			$293	$0	$4,889

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PT-02895: 638-4 BOP tooling/valves/instr/pump/motor													
5101500: Matl Stk Issues	$268						$827						$1,095
5101700: NonStock Material	$20,649	($0)	$3,004		$5,946		($0)						$29,599
5231300: OPEB Exp Capitalized	$55	$11	$35	$0	$9	$0	$24	($4)		($4)			$124
5251000: PP Capitallo Pension	$415	$82	$267	$2	$68	$1	$191	($48)		($34)			$944
5252000: PP Capitalz Oth Cost	$1,203	$238	$773	$6	$198	$2	$542	($136)		($96)			$2,729
5253000: PP Capital A&G Labor	$323	$64	$208	$2	$53	$1	$175	($44)		($31)			$750
5254000: PP Capital E&S Labor	$3,086	$620	$535	$31	$860	$10	($33)	($269)		($73)			$4,766
5254003: PP Capitalz Mtn E&S	$998	$200	$173	$10	$282	$3	($11)	($88)		($29)			$1,538
5380659: Lab PCS Chgbk-Ubr								($69)					($69)
5503500: Other O/S Services	$6,700	$5,572			$1,279		($4,435)	($1,798)					$7,319
5508000: Contract Cost- Labor				$309	($112)	$84							$281
A1000: OM&C Direct Labor	$3,153	$690	$3,742				$3,315	($397)		($438)			$10,065
A3000: Non-Exmpt Direct Ubr			$436							($44)			$392
C1010: Store Loading Labor	$404		$23		$115		$16						$558
PT-02900: 6ARN 1&4 BOILER PLANT HEATING													
5101500: Matl Stk Issues			$121					$117					$239
5101700: NonStock Material	$2,136	$39,676	($55,000)	$774	($0)			$24,468	$6,338		$49,747		$68,119
5200800: Lodging						$119	$713	$87	$950	$260		$156	$2,485
5201200: General Travel-Other						$171	$117	$156	$551	$556	$18	$176	$1,764
5201600: Meals & Ent-50%						$9	$167	$26	$277	$62		$73	$613
5231300: OPEB Exp Capitalized	$364	$447	$412	$392	$394	$510	$183	$453	$356	$515	$486	$241	$4,750
5250000: PP Capitallz-AFUDC						$201,008	$40,999	$42,373	$44,178	$46,431	$48,348	$50,046	$473,385
5251000: PP Capitallo Pension	$2,743	$3,370	$3,105	$2,955	$2,970	$3,843	$1,452	$3,596	$2,827	$4,090	$3,864	$2,329	$37,144
5252000: PP Capitalz Oth Cost	$7,950	$9,768	$9,001	$8,566	$8,608	$11,139	$4,131	$10,231	$8,041	$11,636	$10,993	$5,753	$105,818
5253000: PP Capital A&G Labor	$2,137	$2,625	$2,419	$2,302	$2,313	$2,994	$1,334	$3,305	$2,598	$3,759	$3,551	$1,842	$31,179
5254000: PP Capital E&S Labor	$30,214	$35,794	$38,449	$11,095	$29,610	$40,587	$12,936	$34,314	$28,787	$36,173	$42,197	$20,471	$380,827
5254003: PP Capitalz Mtn E&S	$9,766	$11,570	$12,428	$10,051	$6,704	$13,302	$4,240	$11,246	$11,745	$14,374	$16,767	$8,505	$133,696
5380659: Lab PCS Chgbk-Ubr	$1,999	$70	$929	$932	$788				$70	$1,638	$972		$7,457
5380659: Lab PCS Chgbk-Nstr	$701	$25	$326	$348	$277				$25	$575	$341		$2,619
5503500: Other O/S Services	$242,801	$293,637	$422,597	$289,468	$221,999	$310,778	$94,095	$241,016	$205,108	$210,743	$213,846	$175,395	$2,921,483
5508000: Contract Cost- Labor	$6,597	$13,519	$14,018	$10,221	$11,176	$13,107	($217)	$6,033	$8,863	$7,587	$7,815	$7,155	$105,873
5890000: Oth Nonlbr Exp	$42,430						$5,772						$48,202
A3000: Non-Exmpt Direct Ubr						$200		$256	$333	$4,615	$308	$2,846	$8,559
A3500: Exempt Direct Labor	$8,489	$13,859	$6,439	$12,268	$14,587	$16,682	$7,860	$15,717	$7,678	$13,723	$5,900	$8,704	$131,906
C1010: Store Loading Labor	$41	$766	($1,059)	$15				$475	$122		$483		$842
PT-02912: Karn 3&4 Capitol Reliability													
5101500: Matl Stk Issues								$48					$48
5101700: NonStock Material			$3,193	$3,216	$15,963	($0)	$199,967						$222,337
5231300: OPEB Exp Capitalized			$4	$4	$1,953	($256)	$152	$21		$244	$295	$20	$2,437
5251000: PP Capitallo Pension			$26	$27	$14,728	($1,928)	$1,212	$167		$1,942	$2,347	$191	$18,712
5252000: PP Capitalz Oth Cost			$77	$77	$42,692	($5,589)	$3,447	$475		$5,525	$6,677	$473	$53,854
5253000: PP Capital A&G Labor			$21	$21	$11,473	($1,502)	$1,113	$153		$1,785	$2,157	$151	$15,373
5254000: PP Capital E&S Labor			$223	$324	$204,052	($26,742)	$12,827	$628		$23,962	$13,840	$305	$229,519
5254003: PP Capitalz Mtn E&S			$104	$105	$66,874	($8,764)	$4,204	$206		$9,521	$5,499	$127	$77,876
5503500: Other O/S Services					$1,667,192	($224,894)	($96,032)	$3,181		$158,688	$70,528	$0	$1,578,663
5508000: Cntrct Cst-Other					$2,413	$171							$2,583
5508000: Contract Cost- Labor					$28,851								$28,851
A1000: OM&C Direct Labor								$2,044			$20,654	$591	$23,290
A3000: Non-Exmpt Direct Ubr												$2,308	$2,308
A3500: Exempt Direct Labor											$473		$473
C1010: Store Loading Labor			$62	$62	$308		$1,859	$1					$4,292
PT-02918: Karn 3&4 "B" HSAC motor rewind													
5101500: Matl Stk Issues		$88		$446									$534
5101700: NonStock Material						$2,554	$22						$2,576
5231300: OPEB Exp Capitalized	$36	$27	$94	$42		$3	$8						$211
5251000: PP Capitallo Pension	$275	$207	$708	$314		$25	$63						$1,591
5252000: PP Capitalz Oth Cost	$796	$599	$2,052	$910		$72	$180						$4,610
5253000: PP Capital A&G Labor	$214	$161	$551	$245		$19	$58						$1,249
5254000: PP Capital E&S Labor	$443	$341	$8,857	$545		$310	($792)						$9,704
5254003: PP Capitalz Mtn E&S	$143	$110	$2,863	$176		$102	($259)						$3,134
5503500: Other O/S Services			$88,144				($8,834)						$79,310
A1000: OM&C Direct Labor	$4,473	$3,352	$1,318	$5,054			$2,139						$16,336
C1010: Store Loading Labor		$2		$9		$49	$0						$60
PT-02939: Karn 3&4 - 250v Battery Bank Replacement													
5101700: NonStock Material												$9,526	$9,526
5231300: OPEB Exp Capitalized				$4	$260		($27)					$88	$325
5251000: PP Capitallo Pension				$32	$1,961		($212)					$849	$2,630
5252000: PP Capitalz Oth Cost				$93	$5,886		($602)					$2,096	$7,372
5253000: PP Capital A&G Labor				$25	$1,528		($195)					$671	$2,030
5254000: PP Capital E&S Labor				$446	$27,039		($2,733)					$10,430	$35,182
5254003: PP Capitalz Mtn E&S				$144	$8,862		($896)					$4,134	$12,443
5503500: Other O/S Services				$4,501	$224,959		($22,946)					$89,678	$296,192
5508000: Contract Cost- Labor					$2,060								$2,060
A1000: OM&C Direct Labor					$222		($22)						$199
C1010: Store Loading Labor												$0	$0
PT-02940: Karn 3&4 -Small Site Capital-2024													
5101500: Matl Stk Issues			$35	$59	$463	$404			$476	$17		$14,502	$16,136
5101700: NonStock Material		$16,609	$8,055	$16,941	$493	$665	$1,182	$9,732	$8,901	$52,423	$26,830	$52,337	$234,168
5203200: Postage/Mail Service					$16								$16
5231300: OPEB Exp Capitalized		$18	$49	$134	$160	$220	$37	$95	$96	$183	$86	$220	$1,297
5251000: PP Capitallo Pension		$138	$370	$1,009	$1,205	$1,656	$292	$758	$742	$1,455	$683	$2,127	$10,454
5252000: PP Capitalz Oth Cost		$400	$1,073	$2,923	$3,494	$4,800	$832	$2,155	$2,169	$4,138	$1,942	$5,253	$29,179
5253000: PP Capital A&G Labor		$107	$288	$786	$939	$1,290	$269	$696	$701	$1,337	$627	$1,683	$8,722
5254000: PP Capital E&S Labor		$1,676	$2,356	$6,946	$6,582	$5,687	$4,710	$1,588	$3,233	$11,006	$7,425	$17,581	$68,809
5254003: PP Capitalz Mtn E&S		$562	$761	$2,251	$2,157	$1,864	$1,543	$520	$1,139	$4,373	$2,950	$7,305	$25,387
5503500: Other O/S Services			$12,002	$4,003	$40,702	$23,774	$40,626	$687	$7,893	$10,749	$20,947	$88,252	$249,616
A1000: OM&C Direct Labor			$3,546	$7,794	$13,358	$22,927	($1,318)	$10,927	$8,467	$8,688	$1,134	$12,123	$87,645
A3000: Non-Exmpt Direct Ubr				$462	$77		$103	($8)	($56)				$577
C1010: Store Loading Labor		$321	$156	$1,100	$22	$21	$3	$33	$181	$1,012	$260	$1	$3,110
PT-02942: Karn 3&4 - Stack ladder fall protection													
5231300: OPEB Exp Capitalized					$3	($1)	$108	$8	$7				$125
5251000: PP Capitallo Pension					$25	($7)	$859	$60	$55				$991
5252000: PP Capitalz Oth Cost					$71	($21)	$2,445	$170	$155				$2,820
5253000: PP Capital A&G Labor					$19	($6)	$790	$55	$50				$908
5254000: PP Capital E&S Labor					$361	($98)	$11,158	$106	$487				$11,994
5254003: PP Capitalz Mtn E&S					$112	($32)	$3,817	$35	$198				$3,970
5503500: Other O/S Services							$93,594		$3,644				$97,238
5508000: Contract Cost- Labor					$2,864	($825)	$174						$2,213
A3500: Exempt Direct Labor								$889	$254				$1,142
CAP - Karn 4													
PT-01944: 64 Main Aux Header Steam													
5231300: OPEB Exp Capitalized									($139)				($139)
5251000: PP Capitallo Pension									($1,105)				($1,105)
5252000: PP Capitalz Oth Cost									($3,146)				($3,146)
5253000: PP Capital A&G Labor									($1,016)				($1,016)
5254000: PP Capital E&S Labor									($8,151)				($8,151)
5254003: PP Capitalz Mtn E&S									($3,136)				($3,136)
5380659: Lab PCS Chgbk-Ubr									($689)				($689)
5503500: Other O/S Services									($57,573)				($57,573)
5508000: Cntrct Cst-Other									($55)				($55)
A1000: Non-Exmpt Direct Ubr									($179)				($179)
A3500: Exempt Direct Labor									($6,707)				($6,707)
PT-01965: 64 MOT Cooler Backflush System													
5231300: OPEB Exp Capitalized				($88)									($88)
5251000: PP Capitallo Pension				($662)									($662)
5252000: PP Capitalz Oth Cost				($1,920)									($1,920)
5253000: PP Capital A&G Labor				($516)									($516)
5254000: PP Capital E&S Labor				($4,757)									($4,757)
5254003: PP Capitalz Mtn E&S				($1,538)									($1,538)
5380659: Lab PCS Chgbk-Ubr				($145)									($145)
5502000: O/S Temp Help				($28)									($28)
5503500: Other O/S Services				($41,790)									($41,790)
5508000: Cntrct Cst-Other				($330)									($330)
A1000: OM&C Direct Labor				($395)									($395)
A3000: Non-Exmpt Direct Ubr				($1)									($1)
A3500: Exempt Direct Labor				($5,351)									($5,351)
PT-02021: 64 "B" Condensate pump Replacement													
5231300: OPEB Exp Capitalized					($6)								($6)
5251000: PP Capitallo Pension					($44)								($44)
5252000: PP Capitalz Oth Cost					($128)								($128)
5253000: PP Capital A&G Labor					($21)								($21)
5254000: PP Capital E&S Labor					($305)								($305)
5254003: PP Capitalz Mtn E&S					($166)								($166)
5503500: Other O/S Services					($4,008)								($4,008)
A3500: Exempt Direct Labor					($146)								($146)
PT-02140: 64 CCW Sulfuric Acid Tank Replacement													
5231300: OPEB Exp Capitalized							$429						$429
5251000: PP Capitallo Pension							$3,407						$3,407
5252000: PP Capitalz Oth Cost							$9,693						$9,693
5253000: PP Capital A&G Labor							$1,131						$1,131
5254000: PP Capital E&S Labor							$27,119						$27,119
5254003: PP Capitalz Mtn E&S							$8,888						$8,888
5380000: Lab CHM Chgbk-Ubr							$329						$329
5503500: Other O/S Services							$203,428						$203,428
5508000: Cntrct Cst-Other							$1,721						$1,721
A3000: Non-Exmpt Direct Ubr							$288						$288
A3500: Exempt Direct Labor							$22,124						$22,124
PT-02251: 64 EHC System Retrofit													
5231300: OPEB Exp Capitalized	($34)												($34)
5251000: PP Capitallo Pension	($257)												($257)
5252000: PP Capitalz Oth Cost	($745)												($745)
5253000: PP Capital A&G Labor	($200)												($200)
5254000: PP Capital E&S Labor	($3,575)												($3,575)
5254003: PP Capitalz Mtn E&S	($1,156)												($1,156)
5503500: Other O/S Services	($36,113)												($36,113)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PT-02552: Karn 4 Boiler Camera Replacement													
5231300: OPEB Exp Capitalized							($8)						($8)
5251000: PP Capitallo Pension							($61)						($61)
5252000: PP Capitalc Oth Cost							($173)						($173)
5253000: PP Capital A&G Labor							($56)						($56)
5254000: PP Capital E&S Labor							($791)						($791)
5254003: PP Capitals Min E&S							($259)						($259)
5503500: Other O/S Services							($6,646)						($6,646)
PT-02820: Karn 4 Cooling Tower Riser Replacement													
5231300: OPEB Exp Capitalized									($59)				($59)
5251000: PP Capitallo Pension									($470)				($470)
5252000: PP Capitalc Oth Cost									($1,338)				($1,338)
5253000: PP Capital A&G Labor									($432)				($432)
5254000: PP Capital E&S Labor									($5,221)				($5,221)
5254003: PP Capitals Min E&S									($2,130)				($2,130)
5503500: Other O/S Services									($41,010)	$0			($41,010)
A1500: Exempt Direct Labor									($756)				($756)
PT-02935: Karn 4 DCS Evergreen													
5101700: NonStock Material								$10,028	$490				$10,518
5231300: OPEB Exp Capitalized			$4	$158				$13	$430	$515	$30	($51)	$1,099
5251000: PP Capitallo Pension			$30	$1,189				$105	$3,418	$4,092	$239	($496)	$8,578
5252000: PP Capitalc Oth Cost			$88	$3,447				$298	$9,725	$11,640	$680	($1,224)	$24,655
5253000: PP Capital A&G Labor			$24	$926				$96	$3,141	$3,760	$220	($392)	$7,776
5254000: PP Capital E&S Labor			$423	$16,549				$1,216	$41,853	$50,483	$514	($5,851)	$105,189
5254003: PP Capitals Min E&S			$137	$5,349				$399	$17,076	$20,060	$204	($2,431)	$40,794
5503500: Other O/S Services			$4,276	$167,164					$334,328	$334,328		($55,305)	$784,790
A1000: Non-Exempt Direct Lbr											$820	($82)	$738
A1500: Exempt Direct Labor											$2,585	($259)	$2,327
C1010: Store Loading Labor								$194	$9				$203
PT-02952: KARN 4 COMBUSTION AIR HEATER REPLACEMENT													
5231300: OPEB Exp Capitalized										$328		$136	$464
5251000: PP Capitallo Pension										$2,606		$1,319	$3,926
5252000: PP Capitalc Oth Cost										$7,415		$3,259	$10,673
5253000: PP Capital A&G Labor										$2,395		$1,044	$3,439
5254000: PP Capital E&S Labor										$32,159		$16,219	$48,378
5254003: PP Capitals Min E&S										$12,778		$6,739	$19,517
5503500: Other O/S Services										$212,971		$154,260	$367,231
CAP - Zeeland Site Commons													
PP-00039: Zeeland GE LTSA Pmts - Unit 1A													
5231300: OPEB Exp Capitalized	$19	$21	$23	$1,074	$37	$27	$43	$38	$56	$43	$42	$561	$1,983
5251000: PP Capitallo Pension	$140	$161	$172	$8,103	$276	$204	$140	$305	$441	$338	$331	$5,433	$16,244
5252000: PP Capitalc Oth Cost	$407	$466	$499	$23,489	$799	$591	$968	$866	$1,256	$962	$942	$13,418	$44,662
5253000: PP Capital A&G Labor	$109	$125	$134	$6,312	$215	$159	$313	$280	$406	$311	$304	$4,298	$12,965
5254003: PP Capitals Min E&S	$2,583	$2,962	$3,169	$149,229	$5,078	$3,752	$5,867	$5,251	$7,611	$5,827	$5,708	$94,530	$291,566
5503500: Other O/S Services	$80,719	$92,563	$99,044	$4,663,405	$130,195	$96,196	$150,425	$134,636	$149,237	$97,122	$95,127	$2,163,988	$7,952,658
PP-00060: Zeeland GE LTSA Payments - Unit 1B													
5231300: OPEB Exp Capitalized	$20	$25	$24	$1,075	$37	$27	$44	$39	$56	$45	$30	$566	$1,987
5251000: PP Capitallo Pension	$147	$189	$181	$8,107	$278	$203	$147	$311	$442	$357	$241	$5,484	$16,287
5252000: PP Capitalc Oth Cost	$427	$547	$524	$23,501	$807	$588	$988	$883	$1,257	$1,015	$685	$13,545	$44,768
5253000: PP Capital A&G Labor	$115	$147	$141	$6,316	$217	$158	$319	$285	$406	$328	$221	$4,338	$12,991
5254003: PP Capitals Min E&S	$2,710	$3,477	$3,331	$149,305	$5,125	$3,737	$5,989	$5,354	$7,618	$6,154	$4,152	$95,424	$292,377
5503500: Other O/S Services	$84,699	$108,669	$104,084	$4,665,780	$131,412	$95,815	$153,560	$137,291	$149,365	$102,571	$69,206	$2,184,460	$7,986,911
PP-00061: Zeeland GE LTSA Pmts -Combine Cycle													
5231300: OPEB Exp Capitalized	$116	$103	$104	$107	$94	$117	$125	$138	$82	$57	$203	$110	$1,356
5251000: PP Capitallo Pension	$878	$775	$785	$806	$708	$885	$994	$1,097	$648	$453	$1,615	$1,064	$10,709
5252000: PP Capitalc Oth Cost	$2,546	$2,246	$2,275	$2,337	$2,054	$2,565	$2,828	$3,121	$1,843	$1,290	$4,594	$2,628	$30,327
5253000: PP Capital A&G Labor	$686	$604	$611	$628	$552	$689	$913	$1,008	$595	$417	$1,484	$842	$9,028
5254003: PP Capitals Min E&S	$16,176	$14,269	$14,454	$14,847	$13,047	$16,297	$17,137	$18,918	$11,172	$7,817	$27,845	$18,512	$190,492
5503500: Other O/S Services	$505,497	$445,908	$451,687	$463,981	$336,539	$417,860	$439,417	$485,072	$219,065	$130,290	$464,089	$423,786	$4,781,390
PP-00226: 2G5 - Site - Small Valves & Instruments													
5231300: OPEB Exp Capitalized							($0)		($3)				($3)
5251000: PP Capitallo Pension							($1)		($143)				($144)
5252000: PP Capitalc Oth Cost							($2)		($976)				($978)
5253000: PP Capital A&G Labor							($1)		($315)				($316)
5254000: PP Capital E&S Labor							($8)		($4,062)				($4,069)
5254003: PP Capitals Min E&S							($3)		($1,657)				($1,660)
5503500: Other O/S Services							($64)		($32,289)				($32,357)
5508000: Cntrct Cst-Other							($0)						($0)
A1000: OM&C Direct Labor									($199)				($199)
PP-00153: 2G5 - Base Outage Capital													
5231300: OPEB Exp Capitalized		($0)											($0)
5251000: PP Capitallo Pension		($2)											($2)
5252000: PP Capitalc Oth Cost		($6)											($6)
5253000: PP Capital A&G Labor		($1)											($1)
5254000: PP Capital E&S Labor		($26)											($26)
5254003: PP Capitals Min E&S		($9)											($9)
5503500: Other O/S Services		($267)											($267)
PP-00209: 2G5 BOP ABB DCS Upgrade													
5231300: OPEB Exp Capitalized												($145)	($145)
5251000: PP Capitallo Pension												($1,400)	($1,400)
5252000: PP Capitalc Oth Cost												($3,458)	($3,458)
5253000: PP Capital A&G Labor												($1,108)	($1,108)
5254000: PP Capital E&S Labor												($17,211)	($17,211)
5254003: PP Capitals Min E&S												($7,151)	($7,151)
5503500: Other O/S Services												($163,693)	($163,693)
PP-00224: 2G5 - Deep Well 3 Micron Filter													
5231300: OPEB Exp Capitalized							($6)						($6)
5251000: PP Capitallo Pension							($51)						($51)
5252000: PP Capitalc Oth Cost							($145)						($145)
5253000: PP Capital A&G Labor							($47)						($47)
5254000: PP Capital E&S Labor							($662)						($662)
5254003: PP Capitals Min E&S							($217)						($217)
5503500: Other O/S Services							($5,560)						($5,560)
PP-00228: 1B CW Overhaul and Motor Swap													
5231300: OPEB Exp Capitalized				($3)									($3)
5251000: PP Capitallo Pension				($21)									($21)
5252000: PP Capitalc Oth Cost				($60)									($60)
5253000: PP Capital A&G Labor				($16)									($16)
5254000: PP Capital E&S Labor				($290)									($290)
5254003: PP Capitals Min E&S				($94)									($94)
5503500: Other O/S Services				($2,930)									($2,930)
PP-00238: 2G5 Fuel Gas Isolation Valve													
5231300: OPEB Exp Capitalized			($0)										($0)
5251000: PP Capitallo Pension			($1)										($1)
5252000: PP Capitalc Oth Cost			($3)										($3)
5253000: PP Capital A&G Labor			($1)										($1)
5254000: PP Capital E&S Labor			($14)										($14)
5254003: PP Capitals Min E&S			($5)										($5)
5503500: Other O/S Services			($145)										($145)
PP-00241: 2we-Replace Phase 1 Fuel Gas Iso Valve													
5231300: OPEB Exp Capitalized								$2					$2
5251000: PP Capitallo Pension								$12					$12
5252000: PP Capitalc Oth Cost								$34					$34
5253000: PP Capital A&G Labor								$11					$11
5254000: PP Capital E&S Labor								$66					$66
5254003: PP Capitals Min E&S								$22					$22
5380659: Lab PCS Chgbk-Ubr								$14					$14
5503500: Other O/S Services								$425					$425
5508000: Cntrct Cst-Other								$8					$8
A1000: OM&C Direct Labor								$4					$4
A1500: Exempt Direct Labor								$101					$101
PP-00269: 2B HRSG Insulate and Lag Under IP Drum													
5231300: OPEB Exp Capitalized				($6)									($6)
5251000: PP Capitallo Pension				($44)									($44)
5252000: PP Capitalc Oth Cost				($127)									($127)
5253000: PP Capital A&G Labor				($34)									($34)
5254000: PP Capital E&S Labor				($608)									($608)
5254003: PP Capitals Min E&S				($197)									($197)
5503500: Other O/S Services				($6,141)									($6,141)
PP-00272: 2G5 Small Pumps & Motors - 1B CCWP Motor													
5231300: OPEB Exp Capitalized				($0)									($0)
5251000: PP Capitallo Pension				($0)									($0)
5252000: PP Capitalc Oth Cost				($1)									($1)
5253000: PP Capital A&G Labor				($0)									($0)
5254000: PP Capital E&S Labor				($6)									($6)
5254003: PP Capitals Min E&S				($2)									($2)
5503500: Other O/S Services				($59)									($59)
PP-00275: 2G5 Hogen Replacement													
5231300: OPEB Exp Capitalized					$0								$0
5251000: PP Capitallo Pension					$3								$3
5252000: PP Capitalc Oth Cost					$8								$8
5253000: PP Capital A&G Labor					$2								$2
5254000: PP Capital E&S Labor					$37								$37
5254003: PP Capitals Min E&S					$12								$12
5503500: Other O/S Services					$310								$310
PP-00283: 2G5 Base Outage VFD Fan 1A													
5231300: OPEB Exp Capitalized								($4)					($4)
5251000: PP Capitallo Pension								($31)					($31)
5252000: PP Capitalc Oth Cost								($88)					($88)
5253000: PP Capital A&G Labor								($28)					($28)
5254000: PP Capital E&S Labor								($400)					($400)
5254003: PP Capitals Min E&S								($133)					($133)
5503500: Other O/S Services								($2,359)					($2,359)

CAP: 2024 Actual Result Review - Supplemental	Jan - 2024	Feb - 2024	Mar - 2024	Apr - 2024	May - 2024	Jun - 2024	Jul - 2024	Aug - 2024	Sep - 2024	Oct - 2024	Nov - 2024	Dec - 2024	2024
	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company
Generation Capital Summary
2024 Project Actual Capital Expenditures

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PP-00293: CC 1A CW Pump Overhaul													
5231300: OPEB Exp Capitalized								($4)					($4)
5251000: PP Capitallo Pension								($48)					($48)
5252000: PP Capitalc Oth Cost								($134)					($134)
5253000: PP Capital A&G Labor								($44)					($44)
5254000: PP Capital E&S Labor								($420)					($420)
5254003: PP Capitalc Min E&S								($203)					($203)
5503500: Other O/S Services								($5,208)					($5,208)
PP-00316: ZGS 2018 Base Outage Capital													
5231300: OPEB Exp Capitalized			($5)										($5)
5251000: PP Capitallo Pension			($41)										($41)
5252000: PP Capitalc Oth Cost			($118)										($118)
5253000: PP Capital A&G Labor			($32)										($32)
5254000: PP Capital E&S Labor			($566)										($566)
5254003: PP Capitalc Min E&S			($183)										($183)
5503500: Other O/S Services			($5,721)										($5,721)
PP-00344: ZGS Phase 1 Station & GT Battery Replace													
5101700: NonStock Material			($1,200)										($1,200)
5231300: OPEB Exp Capitalized			($1)										($1)
5251000: PP Capitallo Pension			($10)										($10)
5252000: PP Capitalc Oth Cost			($29)										($29)
5253000: PP Capital A&G Labor			($8)										($8)
5254000: PP Capital E&S Labor			($121)										($121)
5254003: PP Capitalc Min E&S			($39)										($39)
C1010: Store Loading Labor			($23)										($23)
PP-00352: ZGS - 2019 Base Outage Capital													
5231300: OPEB Exp Capitalized								$4			($16)		($12)
5251000: PP Capitallo Pension								$31			($289)		($258)
5252000: PP Capitalc Oth Cost								$88			($822)		($734)
5253000: PP Capital A&G Labor								$28			($365)		($337)
5254000: PP Capital E&S Labor								$400			($3,564)		($3,164)
5254003: PP Capitalc Min E&S								$131			($1,416)		($1,285)
5503500: Other O/S Services								$3,359			($23,603)		($20,244)
PP-00361: ZGS - Public Address System													
5231300: OPEB Exp Capitalized											($35)		($35)
5251000: PP Capitallo Pension											($280)		($280)
5252000: PP Capitalc Oth Cost											($796)		($796)
5253000: PP Capital A&G Labor											($257)		($257)
5254000: PP Capital E&S Labor											($2,590)		($2,590)
5254003: PP Capitalc Min E&S											($1,019)		($1,019)
5503500: Other O/S Services											($15,856)		($15,856)
5508000: Cntrct Cst-Other											($91)		($91)
A1500: Exempt Direct Labor											($1,205)		($1,205)
PP-00366: ZGS - Install New 4160V Cross Tie													
5201200: General Travel-Other						$72							$72
5231300: OPEB Exp Capitalized	$12	$0	$1	$0	$49	$18	$11	($3)	$1	$0	$5	($0)	$96
5251000: PP Capitallo Pension	$89	$1	$6	$0	$370	$132	$84	($1)	$5	$2	$41	($0)	$730
5252000: PP Capitalc Oth Cost	$258	$3	$17	$0	$1,074	$384	$238	($2)	$15	$6	$117	($0)	$2,110
5253000: PP Capital A&G Labor	$69	$1	$5	$0	$289	$103	$77	($1)	$5	$2	$38	($0)	$587
5254000: PP Capital E&S Labor	$248	($18)	$31	$2	$706	$1,214	$1,085	($9)	$21	$28	$98	($2)	$3,384
5254003: PP Capitalc Min E&S	$80	($12)	$10	$0	$231	$398	$356	($3)	$9	$11	$39	($1)	$1,118
5503500: Other O/S Services						$9,300	$8,514						$17,814
5508000: Contract Cost- Labor	$1,197	($448)	$247	$15	$46		$603	($27)	$108	$186	$77	($15)	$1,940
A1500: Exempt Direct Labor	$1,309	$69	$69		$5,885	$826			$83		$571		$8,792
PP-00422: ZGS Small Valves and Instrumentation													
5231300: OPEB Exp Capitalized							$10			($4)			$6
5251000: PP Capitallo Pension							$80			($33)			$47
5252000: PP Capitalc Oth Cost							$226			($94)			$133
5253000: PP Capital A&G Labor							$73			($30)			$43
5254000: PP Capital E&S Labor							$1,034			($406)			$628
5254003: PP Capitalc Min E&S							$339			($161)			$178
5503500: Other O/S Services							$6,685			($2,687)			$5,998
PP-00426: ZGS - LTSA Extras not incl in contract													
5231300: OPEB Exp Capitalized	($199)												($199)
5251000: PP Capitallo Pension	($1,498)												($1,498)
5252000: PP Capitalc Oth Cost	($4,340)												($4,340)
5253000: PP Capital A&G Labor	($1,167)												($1,167)
5254000: PP Capital E&S Labor	($16,135)												($16,135)
5254003: PP Capitalc Min E&S	($5,215)												($5,215)
5503500: Other O/S Services	($156,738)												($156,738)
A1000: OM&C Direct Labor	($6,239)												($6,239)
PP-00427: ZGS 480V Circuit Breaker Coord Sys Rplc													
5101500: Matl Stk Issues										$562			$562
5101700: NonStock Material					$86,902								$86,902
5101750: Nstk Mtl Nonstoreim					$33,670								$33,670
5231300: OPEB Exp Capitalized	$2			$144	$61					$1			$207
5251000: PP Capitallo Pension	$12			$1,084	$460					$8			$1,564
5252000: PP Capitalc Oth Cost	$36			$3,142	$1,334					$22			$4,534
5253000: PP Capital A&G Labor	$10			$844	$359					$7			$1,220
5254000: PP Capital E&S Labor	$172			$12,968	$871					$87			$14,098
5254003: PP Capitalc Min E&S	$56			$4,192	$285					$34			$4,567
5503500: Other O/S Services	$1,741			$128,192	($120,572)								$9,361
A1000: OM&C Direct Labor				$2,800	$5,643								$8,444
C1010: Store Loading Labor					$1,677					$11			$1,688
PP-00430: ZGS - HRSG Casing Replacement													
5231300: OPEB Exp Capitalized	$92	$8	$17	$17	$12	$21	$35	$465	$1,101	$1,697	($268)	$11	$3,209
5251000: PP Capitallo AFUDC						$45,918	$7,951	$9,283	$13,381	$20,293	$23,530	$11,431	$131,788
5251000: PP Capitallo Pension	$695	$61	$128	$126	$91	$161	$281	$3,694	$8,746	$13,483	($2,128)	$111	$25,449
5252000: PP Capitalc Oth Cost	$2,015	$177	$372	$364	$264	$467	$799	$10,510	$24,880	$38,356	($6,053)	$273	$72,424
5253000: PP Capital A&G Labor	$542	$48	$100	$98	$71	$126	$258	$3,395	$8,037	$12,390	($1,905)	$87	$23,386
5254000: PP Capital E&S Labor	$8,596	$131	$596	$312	$210	$342	$963	$45,288	$100,226	$161,766	($28,159)	$323	$290,592
5254003: PP Capitalc Min E&S	$2,778	$42	$193	$101	$69	$112	$315	$14,842	$40,892	$64,278	($11,189)	$136	$112,568
5380659: Lab PCS Chgbk-Ubr										$861			$861
5390659: Lab PCS Chgbk-Nibr										$336			$336
5503500: Other O/S Services	$83,055				$0	($0)		$369,790	$767,425	$987,050	($193,414)	$0	$2,013,904
5508000: Cntrct Cst-Other										$796		$0	$796
5509000: Contract Cost- Labor	$2,340	$366	$4,441	$1,247	$364	$364	$4,524	$7,216	$34,711	$52,715	$4,274	$1,603	$104,164
5890000: Oth Non3pr Exp										$23,987			$23,987
A1000: OM&C Direct Labor									$6,301	$2,940	$993	$0	$10,234
A1500: Exempt Direct Labor	$1,429	$954	$1,578	$1,902	$1,397	$2,514	$3,564	$3,566	$3,367	$2,614	$1,670	$1,466	$26,020
PP-00465: ZGS - 1A GSU Replacement													
5101700: NonStock Material	($300,000)												($300,000)
5101750: Nstk Mtl Nonstoreim				$25,168		($0)							$25,168
5231300: OPEB Exp Capitalized	($69)	$9	$9	$36	$10	$82	$3	$13	$9	$10	$2	$4	$119
5251000: PP Capitallo Pension	($518)	$70	$66	$268	$76	$616	$28	$305	$75	$80	$18	$43	$926
5252000: PP Capitalc Oth Cost	($1,502)	$203	$191	$776	$220	$1,786	$79	$298	$214	$227	$52	$106	$2,650
5253000: PP Capital A&G Labor	($406)	$54	$51	$209	$59	$480	$25	$96	$69	$73	$17	$34	$765
5254000: PP Capital E&S Labor	($3,958)	$161	$106	$2,635	$144	$7,320	$49	$186	$138	$172	$39	$436	$7,427
5254003: PP Capitalc Min E&S	($1,279)	$52	$34	$852	$47	$2,399	$16	$61	$56	$68	$16	$181	$2,503
5503500: Other O/S Services	$263,967					$59,880						$4,019	$327,867
5509000: Contract Cost- Labor	$364	$448											$812
A1500: Exempt Direct Labor	$1,482	$1,075	$1,075	$1,445	$1,206	$1,630	$411	$1,559	$1,104	$1,137	$260	$130	$12,513
C1010: Store Loading Labor	($5,790)												($5,790)
PP-00478: ZGS-P2 S99 699 345kV Breaker Replcmnt													
5101500: Matl Stk Issues									$42				$42
5101700: NonStock Material	$269,596	$284,061			$58,035		$12,575	($58,035)		($12,575)	$74,874		$628,530
5201200: General Travel-Other			$3							$146	$60		$209
5231300: OPEB Exp Capitalized	$89	$104	$30	$32	$455	($29)	$35	($40)	$101	$583	$190	$132	$2,201
5251000: PP Capitallo AFUDC						$35,820	$8,426	$8,304	$8,911	$11,010	$12,601	$6,744	$91,816
5251000: PP Capitallo Pension	$670	$2,515	$228	$239	$3,432	($219)	$275	($320)	$3,107	$4,633	$1,512	$1,283	$17,354
5252000: PP Capitalc Oth Cost	$1,942	$7,291	$660	$692	$9,949	($635)	$783	($910)	$8,838	$13,179	$4,300	$3,168	$49,257
5253000: PP Capital A&G Labor	$522	$1,960	$177	$186	$2,674	($171)	$253	($294)	$2,855	$4,257	$1,389	$1,015	$14,823
5254000: PP Capital E&S Labor	$1,735	$29,066	$511	$568	$43,560	($1,560)	$2,079	($6,464)	$27,947	$48,826	$16,528	$14,932	$177,747
5254003: PP Capitalc Min E&S	$561	$9,395	$165	$184	$14,276	($511)	$681	($2,118)	$11,411	$19,401	$6,568	$6,204	$66,215
5380659: Lab PCS Chgbk-Ubr								$618	$1,099	$430			$2,147
5390659: Lab PCS Chgbk-Nibr								$241	$429	$168			$838
5503500: Other O/S Services	($266,496)			$1,550	$301,550	($12,242)		$1,437	$206,211	$323,058	$30,105	$133,980	$719,153
5508000: Cntrct Cst-Other						($2)						$718	$716
5509000: Contract Cost- Labor	$4,377	$1,671	$1,638	$546	$1,092	$1,092	$2,910	($1,025)	$2,869	$910	$1,456	$6,136	$21,072
A1500: Exempt Direct Labor	$4,842	$2,381	$3,518	$3,643	$4,250	($1,960)	$1,743	$3,566	$13,087	$11,459	$2,239	$1,182	$49,950
C1010: Store Loading Labor	$5,203	$5,482			$1,120		$243	($1,120)	$1	($243)	$726		$11,413
PP-00479: ZGS-299 345kV Breaker Replacement													
5101500: Matl Stk Issues				$5									$5
5101700: NonStock Material		$8,374	$272,478		($0)						$40,213		$321,065
5101750: Nstk Mtl Nonstoreim						$1,713							$1,713
5210400: Airfare	$478							$512					$990
5210800: Lodging	$160							$432					$592
5201200: General Travel-Other	$134		$3		$193			$304					$633
5210300: Meals & Ent-50%	$46					$54		$267					$366
5231300: OPEB Exp Capitalized	$38	$53	$380	$163	$201	$40	$20	$20	$22	$22	$111	$14	$1,083
5251000: PP Capitallo AFUDC						$13,711							$13,711
5251000: PP Capitallo Pension	$289	$401	$2,869	$1,231	$1,513	$300	$155	$156	$176	$173	$880	$132	$8,276
5252000: PP Capitalc Oth Cost	$838	$1,163	$8,316	$3,569	$4,386	$869	$441	$444	$502	$493	$2,503	$325	$23,850
5253000: PP Capital A&G Labor	$225	$312	$2,235	$959	$1,179	$234	$143	$143	$162	$159	$808	$104	$6,664
5254000: PP Capital E&S Labor	$240	$1,429	$29,426	$6,302	$7,248	$2,423	$511	$641	$635	$658	$9,282	$468	$59,263
5254003: PP Capitalc Min E&S	$78	$462	$9,511	$2,037	$2,375	$794	$167	$210	$259	$262	$3,688	$195	$20,038
5380659: Lab PCS Chgbk-Ubr				$174									$174
5390659: Lab PCS Chgbk-Nibr				$202									$202
5503500: Other O/S Services	($9,310)		$9,300	$48,492	$41,511	$15,664					$13,273		$118,931
5509000: Contract Cost- Labor	$5,912	$559	$1,551	$629	$959	$624	$2,296	$2,028	$2,931	$2,292	$5,782	$2,825	$28,390
A1000: OM&C Direct Labor					$15,105								$15,105
A1500: Exempt Direct Labor	$5,008	$5,315	$8,639	$13,760	$3,139	$2,306	$1,996	$1,841	$2,149	$2,066	$1,809	$1,629	$49,676
C1010: Store Loading Labor		$162	$5,259	$0							$390		$5,811

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

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PP-00480: 2GS-Main Steam Nonreturn Valve Replcmnt													
5101700: Non Stock Material					$185,380							$70,427	$255,807
5200400: Airfare						$703							$703
5200800: Lodging						$504				$114			$617
5201200: General Travel-Other						$449	$23			$15	$56		$544
5201600: Meals & Ent-50%						$161				$23			$185
5231300: OPEB Exp Capitalized	$21	$13	$24	$20	$281	$28	$20	$14	$114	$397	$238	$82	$1,453
5251000: PP Capitallo Pension	$160	$96	$180	$153	$2,119	$213	$162	$111	$2,494	$3,157	$1,893	$790	$11,528
5252000: PP Capitalz Oth Cost	$464	$279	$522	$443	$6,142	$617	$462	$316	$7,095	$8,982	$5,384	$1,952	$32,657
5253000: PP Capital A&G Labor	$125	$75	$140	$119	$1,651	$166	$149	$102	$2,292	$2,901	$1,739	$625	$10,084
5254000: PP Capital E&S Labor	$539	$201	$343	$272	$21,101	$658	$564	$245	$25,435	$22,686	$21,571	$8,473	$104,108
5254003: PP Capitalz Mtn E&S	$181	$65	$111	$88	$7,571	$216	$185	$80	$10,178	$9,014	$8,571	$3,520	$39,980
5180659: Lab PCS Chgbk-Ukr									$2,133	$14,662			$16,795
5190659: Lab PCS Chgbk-Nkbr									$237	$4,578			$4,815
5503500: Other O/S Services									$185,500	$111,780	$137,511	$2,433	$437,224
5508000: Contract Cost- Labor	$3,443	$516	$608	$288	$395	$673	$1,233	$467	$10,563	$10,376	$2,800	$5,970	$37,312
5890000: Oth Non3Ar Exp							$1,430			$618			$2,047
A1000: OM&C Direct Labor									$1,782	$3,182			$4,964
A3500: Exempt Direct Labor	$2,208	$1,510	$2,859	$2,458	$4,770	$3,043	$2,050	$1,589	$3,269	$4,890	$2,490	$1,756	$32,891
C1010: Store Loading Labor					$3,578							$1	$3,579
PP-00488: 2GS SITE SPARE GSU													
5231300: OPEB Exp Capitalized	$15	$9	$13	$15	$7	$24	$17	$3	$20	$15	$17	$1,499	$1,653
5251000: PP Capitallo Pension	$113	$68	$99	$117	$50	$179	$137	$22	$158	$115	$137	$14,507	$15,703
5252000: PP Capitalz Oth Cost	$328	$197	$286	$339	$146	$520	$391	$63	$450	$328	$388	$35,831	$39,266
5253000: PP Capital A&G Labor	$88	$53	$77	$91	$39	$140	$126	$20	$145	$106	$125	$11,476	$12,487
5254000: PP Capital E&S Labor	$376	$171	$241	$216	$136	$377	$376	$6	$409	$352	$481	$177,542	$180,681
5254003: PP Capitalz Mtn E&S	$122	$55	$78	$69	$45	$124	$123	$2	$167	$140	$191	$73,764	$74,879
5503500: Other O/S Services												$1,685,124	$1,685,124
5508000: Contract Cost- Labor	$2,210	$695	$943	$288	$395	$364	$1,295	($321)	$1,123	$836	$1,502	$2,371	$11,702
A3500: Exempt Direct Labor	$1,588	$1,028	$1,495	$1,869	$747	$2,803	$1,869	$374	$2,149	$1,495	$1,682	$1,121	$18,219
PP-00493: 2GS-Cathodic Protection Deepwell Replace													
5231300: OPEB Exp Capitalized	$1	($0)	$0	$0	$0	$0	$0	($0)	$0	$1	($0)	$0	$2
5251000: PP Capitallo Pension	$4	($1)	$0	$1	$2	$0	$3	($1)	$2	$5	($2)	$3	$16
5252000: PP Capitalz Oth Cost	$11	($4)	$1	$3	$5	$1	$8	($2)	$7	$13	($4)	$7	$44
5253000: PP Capital A&G Labor	$3	($1)	$0	$1	$1	$0	$3	($1)	$2	$4	($1)	$2	$13
5254000: PP Capital E&S Labor	$55	($18)	$3	$12	$22	$4	$37	($11)	$29	$56	($18)	$36	$206
5254003: PP Capitalz Mtn E&S	$18	($6)	$1	$4	$7	$1	$12	($4)	$12	$22	($7)	$15	$75
5508000: Contract Cost- Labor	$553	($186)	$31	$124	$186	$31	$309	($93)	$232	$371	($124)	$146	$1,781
PP-00500: 2GS-Replace HP Econ Level Control Valves													
5231300: OPEB Exp Capitalized	($75)	($1)	$19	$9		$51		($44)					($40)
5251000: PP Capitallo Pension	($564)	($8)	$142	$71		$386		($346)					($319)
5252000: PP Capitalz Oth Cost	($1,634)	($23)	$413	$207		$1,120		($985)					($903)
5253000: PP Capital A&G Labor	($439)	($6)	$111	$56		$301		($318)					($296)
5254000: PP Capital E&S Labor	($7,847)	($109)	$1,883	$902		$5,360	($0)	($4,498)					($4,119)
5254003: PP Capitalz Mtn E&S	($2,536)	($35)	$641	$321		$1,757	($0)	($1,474)					($1,327)
5503500: Other O/S Services	($79,262)	($1,102)	$20,031	$10,021		$45,043	($0)	($37,796)					($43,065)
PP-00507: 2GS 2C GSU TRANSFORMER REWIND													
5101700: Non Stock Material							($0)	$140	$192,112	($0)		$192,112	$784,364
5101750: N-Stk Mtl Nonstoreim											$17,705		$17,705
5200400: Airfare	$3,754	$1,541	$2,207					$689	$1,312	$872			$10,375
5200800: Lodging	$1,050	$368	$609	$475			$790	$1,266	$1,216	$164			$7,938
5201200: General Travel-Other	$825	$351	$389	$946		$29	$550	$2,010	$1,029	$142	$114	$99	$6,482
5201600: Meals & Ent-50%	$192	$72	$165	$137			$167	$553	$314	$230			$1,829
5206000: Office Supplies											$125		$125
5227000: Indirect Lbr Cy/Adj										$22,845			$22,845
5231300: OPEB Exp Capitalized	$490	$459	$457	$436	$516	$533	$525	$519	$1,453	$790	$1,572	$994	$8,744
5250000: PP Capitallo AFUDC						$566,392	$106,673	$109,644	$114,631	$120,626	$125,300	$132,691	$1,275,956
5251000: PP Capitallo Pension	$3,698	$3,460	$3,446	$3,288	$3,893	$4,017	$4,175	$4,121	$11,546	$6,276	$12,487	$9,626	$70,030
5252000: PP Capitalz Oth Cost	$10,719	$10,030	$9,988	$9,531	$11,285	$11,643	$11,877	$11,723	$32,841	$17,853	$35,524	$23,774	$196,788
5253000: PP Capital A&G Labor	$2,881	$2,695	$2,684	$2,561	$3,033	$3,129	$3,837	$3,787	$10,609	$5,767	$11,475	$7,615	$60,072
5254000: PP Capital E&S Labor	$48,004	$46,571	$43,944	$43,499	$53,999	$52,878	$50,976	$52,476	$124,421	$42,040	$149,452	$116,384	$822,643
5254003: PP Capitalz Mtn E&S	$15,516	$15,053	$14,204	$14,060	$17,042	$17,330	$16,707	$17,198	$50,764	$16,704	$59,385	$48,355	$302,318
5180659: Lab PCS Chgbk-Ukr					($0)								($0)
5503500: Other O/S Services	$461,226	$465,188	$433,350	$433,982	$433,493	$438,382	$421,416	$432,884	$572,588	$210,502	$957,549	$712,272	$5,973,433
5508000: Cntrct Cst-Other	$50								$588	$15,628	$1,390	$50	$17,705
5508000: Contract Cost- Labor	$8,130	$789	$1,789	$797	$819	$1,460	$1,092		$2,249	$1,147	$6,465	($486)	$24,368
5670000: Utilities-Cellular		$108	$59	$58		$117	$59	$56	$104	$65	($58)		$568
5890000: Oth Non3Ar Exp	$5,104												$5,104
A1000: OM&C Direct Labor									$3,865	$4,285	$1,848		$9,997
A3500: Exempt Direct Labor	$4,577	$2,098	$5,311	$2,993	$2,654	$3,763	$4,299	$1,371	$12,420	$22,327	$4,613	$2,749	$69,174
C1010: Store Loading Labor								$3	$7,568			$4	$7,574
PP-00538: 2GS 345kV 198 499 Breaker Replacement													
5101700: Non Stock Material	$268,266					$412,876	($39,269)	$61,517	($74,092)	$12,575	$16,700	$38,294	$696,867
5200400: Airfare	$478					$548							$1,025
5200800: Lodging	$160					$266							$426
5201200: General Travel-Other	$134		$6	$19	$133	$85				$65			$441
5201600: Meals & Ent-50%	$46												$46
5206000: Office Supplies			$588										$588
5231300: OPEB Exp Capitalized	$99	$81	$109	$164	$54	$196	($12)	$42	$26	$140	$84	$38	$1,402
5250000: PP Capitallo AFUDC						$23,660	$7,116	$7,157	$7,235	$7,234	$7,588	$3,942	$63,812
5251000: PP Capitallo Pension	$743	$615	$818	$1,237	$405	$4,499	($253)	$387	$204	$1,114	$669	$371	$10,758
5252000: PP Capitalz Oth Cost	$2,153	$1,781	$2,372	$3,586	$1,175	$13,040	($739)	$957	$581	$3,170	$1,903	$916	$30,915
5253000: PP Capital A&G Labor	$579	$479	$638	$964	$316	$3,504	($212)	$309	$188	$1,024	$615	$293	$8,675
5254000: PP Capital E&S Labor	$4,157	$3,303	$2,416	$3,629	$2,462	$53,080	($4,183)	$5,607	($6,885)	$7,749	$6,496	$4,200	$82,042
5254003: PP Capitalz Mtn E&S	$1,344	$1,068	$781	$1,173	$807	$17,399	($1,371)	$1,838	($2,809)	$3,079	$2,581	$1,745	$27,635
5503500: Other O/S Services	($241,532)	$25,675	$11,389	$18,386	$16,089	$19,272	$2,557	($12,746)	$5,173	$30,298	$23,863	$1,149	($100,428)
5508000: Cntrct Cst-Other		$111						($11)					$100
5508000: Contract Cost- Labor	$6,264	$636	$546	$273	$273	$732	$364		$623				$9,711
A1000: OM&C Direct Labor				$3,394				($818)	$5,957	$3,819	$764		$13,116
A3500: Exempt Direct Labor	$3,001	$6,946	$11,876	$14,585	$4,194	$4,388	$1,953	($2,013)	$8,690	$4,322	$1,530	$505	$59,976
C1010: Store Loading Labor	$5,178					$7,969	($758)	$1,387	($1,430)	$243	$162	$0	$12,551
PP-00516: 2GS Small Valves and Instrumentation2023													
5231300: OPEB Exp Capitalized	$10				$1								$12
5251000: PP Capitallo Pension	$77				$10								$87
5252000: PP Capitalz Oth Cost	$223				$28								$252
5253000: PP Capital A&G Labor	$60				$8								$68
5254000: PP Capital E&S Labor	$1,072				$135								$1,207
5254003: PP Capitalz Mtn E&S	$346				$44								$391
5503500: Other O/S Services	$10,826				$1,138								$11,964
PP-00517: 2GS BASE OUTAGE CAPITAL													
5101500: Matl Stk Issues	$40,231												$40,231
5101700: Non Stock Material		$9,116											$9,116
5231300: OPEB Exp Capitalized	$39	$2											$41
5251000: PP Capitallo Pension	$294	$13											$307
5252000: PP Capitalz Oth Cost	$851	$38											$889
5253000: PP Capital A&G Labor	$229	$10											$239
5254000: PP Capital E&S Labor	$4,077	$50											$4,127
5254003: PP Capitalz Mtn E&S	$1,318	$16											$1,334
5503500: Other O/S Services	$936	($9,116)											($8,180)
5508000: Contract Cost- Labor		$329											$329
A1000: OM&C Direct Labor	($764)												($764)
C1010: Store Loading Labor	$776	$176											$952
PP-00528: 2GS CT Autotune Software Replacement													
5231300: OPEB Exp Capitalized	$182								$61	$73	($73)		$242
5251000: PP Capitallo Pension	$1,369								$462	$578	($578)		$1,852
5252000: PP Capitalz Oth Cost	$3,969								$1,372	$1,645	($1,645)		$5,341
5253000: PP Capital A&G Labor	$1,067								$443	$531	($531)		$1,510
5254000: PP Capital E&S Labor	$19,058								$5,906	$7,135	($7,135)		$24,964
5254003: PP Capitalz Mtn E&S	$6,160								$2,410	$2,835	($2,835)		$8,570
5503500: Other O/S Services	$192,500								$47,250	$47,250	($47,250)		$239,750
PP-00529: 2GS CT Install Overspeed Software													
5231300: OPEB Exp Capitalized	$176								$59	$70	($70)		$233
5251000: PP Capitallo Pension	$1,313								$465	$558	($558)		$1,778
5252000: PP Capitalz Oth Cost	$3,807								$1,323	$1,586	($1,586)		$5,130
5253000: PP Capital A&G Labor	$1,023								$427	$512	($512)		$1,451
5254000: PP Capital E&S Labor	$18,279								$5,696	$6,880	($6,880)		$23,974
5254003: PP Capitalz Mtn E&S	$5,908								$2,324	$2,794	($2,794)		$8,232
5503500: Other O/S Services	$184,632								$45,564	$45,564	($45,564)		$230,196
PP-00538: 2GS - Boiler Feedwater Pump													
5101500: Matl Stk Issues										$105,977			$105,977
5101750: N-Stk Mtl Nonstoreim										$1,564		($0)	$1,564
5231300: OPEB Exp Capitalized	$1	($6)							$58	$362		$2	$416
5251000: PP Capitallo Pension	$7	($42)							$457	$2,874		$17	$3,314
5252000: PP Capitalz Oth Cost	$21	($121)							$1,300	$8,177		$41	$9,419
5253000: PP Capital A&G Labor	$6	($32)							$420	$2,642		$13	$3,048
5254000: PP Capital E&S Labor	$102	($579)							$3,930	$24,003		$203	$27,658
5254003: PP Capitalz Mtn E&S	$33	($187)							$1,595	$13,511		$84	$15,036
5503500: Other O/S Services	$1,030	($5,850)							$28,900	$115,600		$1,929	$141,609
A1000: OM&C Direct Labor					$0				$2,176				$2,176
C1010: Store Loading Labor										$2,045			$2,045
PP-00550: 2GS Ph 1 Gas Turbine Advanced Gas Path													
5231300: OPEB Exp Capitalized	$6		$19	$7	$10		$0	$0		$2	$2		$46
5251000: PP Capitallo Pension	$46		$145	$52	$72		$2	$1		$13	$20		$351
5252000: PP Capitalz Oth Cost	$132		$421	$151	$209		$5	$4		$36	$56		$1,015
5253000: PP Capital A&G Labor	$35		$113	$41	$56		$2	$1		$12	$18		$278
5254000: PP Capital E&S Labor	$634		$2,023	$726	$1,002		$23	$17		$155	$244		$4,825
5254003: PP Capitalz Mtn E&S	$205		$654	$235	$329		$8	$6		$62	$97		$1,594
5503500: Other O/S Services	$6,400		$20,431	$7,337	$8,423		$196	$147		$1,030	$1,617		$45,580

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
PP-00552: 2GS-Lg Oil Filled Transformer Bushings													
5101500: Matl Stk Issues									$68	$68,879			$68,947
5101700: NonStock Material							$5,087		$1,368	$10,866			$17,321
5101750: N-Stk Mtl Nonstorerm										$2,684		$354	$3,038
5231300: OPEB Exp Capitalized							$7		$323	$783	$12	$0	$1,126
5251000: PP Capitallo Pension							$53		$2,568	$6,221	$98	$3	$8,944
5252000: PP Capitalz Oth Cost							$151		$7,306	$17,697	$280	$8	$25,442
5253000: PP Capitalz A&G Labor							$49		$2,360	$5,717	$90	$2	$8,218
5254000: PP Capitalz E&S Labor							$617		$13,129	$34,850	$1,213	$37	$49,847
5254003: PP Capitalz Mtn E&S							$202		$5,357	$13,848	$482	$15	$19,904
5503500: Other O/S Services									$77,555	$88,478	$8,036	$0	$174,069
5509000: Contract Cost- Labor									$249				$249
5890000: Oth NonLbr Exp										$1,333			$1,333
A1000: OM&C Direct Labor									$23,463	$53,049		$0	$76,512
A3500: Exempt Direct Labor									$2,301	$3,970		($0)	$6,272
C1010: Store Loading Labor							$98		$28	$1,539			$1,665
PP-00559: 2GS SMALL SITE CAPITAL - 2024													
5101500: Matl Stk Issues		$27,361				$50,485	($23,244)		$24,856	$4,955			$84,313
5101750: N-Stk Mtl Nonstorerm							$22,674						$22,674
5231300: OPEB Exp Capitalized		$39	$138	$49	($7)	$97	$77	($1)	$74	$47	$29	$43	$575
5251000: PP Capitallo Pension		$284	$1,040	$371	($51)	$733	$610	($90)	$591	$372	$232	$418	$4,516
5252000: PP Capitalz Oth Cost		$851	$3,014	$1,076	($159)	$2,124	$1,736	($256)	$1,682	$1,059	$660	$1,032	$12,820
5253000: PP Capitalz A&G Labor		$229	$810	$289	($43)	$571	$561	($83)	$543	$342	$213	$331	$3,763
5254000: PP Capitalz E&S Labor		$3,560	$1,676	$4,696	($762)	$8,630	$7,623	($1,023)	$4,653	$2,977	$2,308	$5,139	$39,477
5254003: PP Capitalz Mtn E&S		$1,151	$542	$1,518	($250)	$2,828	$2,498	($335)	$1,899	$1,183	$917	$2,135	$14,086
5380659: Lab PCS Chgbk-Lbr				$624									$624
5390659: Lab PCS Chgbk-Nlbr				$219									$219
5503500: Other O/S Services		$8,000		$46,593	($6,399)	$20,000	$64,232	($8,403)	$8,729	$12,500	$14,506	$70,271	$230,029
A1000: OM&C Direct Labor		$170	$16,930			$1,061	$849	($191)	$3,161	$2,164	$776		$24,919
C1010: Store Loading Labor		$326				$974	($449)		$480	$96			$1,427
PP-00561: 2GS GE DCS EVERGREEN													
5231300: OPEB Exp Capitalized			$5				$138	$2	$12	$8	$7	$34	$207
5251000: PP Capitallo Pension			$34				$1,100	$19	$96	$66	$59	$332	$1,705
5252000: PP Capitalz Oth Cost			$100				$1,128	$54	$272	$187	$168	$821	$4,729
5253000: PP Capitalz A&G Labor			$27				$1,010	$17	$88	$60	$54	$263	$1,520
5254000: PP Capitalz E&S Labor			$56				$13,644	$33	$175	$141	$127	$3,755	$17,932
5254003: PP Capitalz Mtn E&S			$18				$4,472	$11	$71	$56	$50	$1,560	$6,239
5503500: Other O/S Services							$113,818					$35,247	$149,065
A3500: Exempt Direct Labor			$561				$841	$280	$1,401	$934	$841	$467	$5,326
PP-00562: 2GS - ABB DCS Evergreen													
5231300: OPEB Exp Capitalized			$2				$607	($298)	$13	$8	$497	$4	$833
5251000: PP Capitallo Pension			$11				$4,825	($2,368)	$102	$66	$3,951	$37	$6,623
5252000: PP Capitalz Oth Cost			$33				$13,725	($6,738)	$290	$187	$11,239	$91	$18,826
5253000: PP Capitalz A&G Labor			$9				$4,434	($2,177)	$94	$60	$3,631	$28	$6,080
5254000: PP Capitalz E&S Labor			$19				$61,948	($30,896)	$187	$141	$48,078	$59	$79,535
5254003: PP Capitalz Mtn E&S			$6				$20,302	($10,126)	$76	$56	$19,104	$24	$29,443
5503500: Other O/S Services							$519,636	($259,818)			$317,465		$577,283
A3500: Exempt Direct Labor			$187				$934	$187	$1,495	$934	$934	$561	$5,232
PP-00564: 2GS Base Outage Capital													
5101500: Matl Stk Issues					$24,152			$24,856	$43,018			$25,768	$117,794
5101700: NonStock Material					$1,443		($1,033)						$2,410
5231300: OPEB Exp Capitalized					$55	$23	($6)	$44	$83	$290	$255	$191	$934
5251000: PP Capitallo Pension					$415	$173	($51)	$347	$656	$2,308	$2,026	$1,849	$7,722
5252000: PP Capitalz Oth Cost					$1,203	$501	($146)	$988	$1,866	$6,565	$5,763	$4,566	$21,307
5253000: PP Capitalz A&G Labor					$323	$135	($47)	$319	$603	$2,121	$1,862	$1,462	$6,778
5254000: PP Capitalz E&S Labor					$5,355	$327	($645)	$3,509	$6,571	$26,452	$24,401	$22,726	$88,697
5254003: PP Capitalz Mtn E&S					$1,755	$107	($211)	$1,150	$2,681	$10,511	$9,696	$9,442	$35,131
5503500: Other O/S Services					$16,875		$22,829	$3,303	$7,500	$145,134	$160,766	$190,380	$546,787
A1000: OM&C Direct Labor						$2,749		$849	$1,018	$2,826	$832	($0)	$8,274
A3000: Non-Exempt Direct Lbr									$205				$205
C1010: Store Loading Labor					$533		($20)	$480	$830			$0	$1,823
PP-00571: 2GS COMPRESSED AIR SYSTEM REPLACEMENT													
5231300: OPEB Exp Capitalized							$1						$1
5251000: PP Capitallo Pension							$8						$8
5252000: PP Capitalz Oth Cost							$21						$21
5253000: PP Capitalz A&G Labor							$7						$7
5254000: PP Capitalz E&S Labor							$98						$98
5254003: PP Capitalz Mtn E&S							$32						$32
5503500: Other O/S Services							$822						$822
PP-00572: 2GS CC GT2A GT2B Air Filter Replacement													
5101700: NonStock Material									$219,762		$170		$219,932
5231300: OPEB Exp Capitalized									$325	$143	$19		$487
5251000: PP Capitallo Pension									$2,581	$1,138	$149		$3,868
5252000: PP Capitalz Oth Cost									$7,342	$3,239	$423		$11,003
5253000: PP Capitalz A&G Labor									$2,372	$1,046	$137		$3,554
5254000: PP Capitalz E&S Labor									$28,589	$11,860	$1,833		$42,282
5254003: PP Capitalz Mtn E&S									$11,664	$4,713	$728		$17,105
5503500: Other O/S Services										$75,812	$11,965		$87,777
5509000: Contract Cost- Labor									$4,708	($324)			$4,384
A1000: OM&C Direct Labor										$3,055			$3,055
C1010: Store Loading Labor									$4,241		$2		$4,243
PP-00588: 2GS - Site Commons Road Resurfacing													
5231300: OPEB Exp Capitalized										$1	$695	($21)	$675
5251000: PP Capitallo Pension										$6	$5,526	($203)	$5,330
5252000: PP Capitalz Oth Cost										$18	$15,720	($498)	$15,239
5253000: PP Capitalz A&G Labor										$6	$5,078	($160)	$4,924
5254000: PP Capitalz E&S Labor										$17	$65,564	($2,479)	$63,102
5254003: PP Capitalz Mtn E&S										$7	$26,052	($1,030)	$25,029
5380659: Lab PCS Chgbk-Lbr										$84	$1,055		$1,138
5390659: Lab PCS Chgbk-Nlbr										$29	$371		$400
5503500: Other O/S Services											$422,055	($24,687)	$397,368
5509000: Contract Cost- Labor											$8,121	$1,109	$9,230
A1500: Exempt Direct Labor											$2,600		$2,600
PP-00852: Zeeland Small Tools													
5101700: NonStock Material					$1,825		($0)						$1,825
5101750: N-Stk Mtl Nonstorerm						$3,947							$3,947
CAP - Generation Admin													
CAP - Generation Admin													
IP-GEC-0001: Generation Capital													
5503500: Other O/S Services					$270	($270)							
PT-00989: ENVIRONMENTAL SERVICES - ASSESSMENTS												($1,957)	($1,957)
5101700: NonStock Material												($300)	($300)
5231300: OPEB Exp Capitalized												($1,547)	($1,547)
5251000: PP Capitallo Pension												($5,676)	($5,676)
5252000: PP Capitalz Oth Cost												($130)	($130)
5380000: IT Tech Chgbk-Labor												($18,605)	($18,605)
5610000: IT SDvlp Chgbk-Labor												($5,361)	($5,361)
5373000: IT Tech Chgbk-Cont												($92,246)	($92,246)
5374000: IT SDvlp Chgbk-Cont												($8,600)	($8,600)
5503500: Other O/S Services												($11,727)	($11,727)
5504100: BTS O/S Managed Svcs													
PT-01183: Plant Ops Capital Equipment													
5101700: NonStock Material										$60,671	($60,671)		
5503500: Other O/S Services						$3,100							$3,100
5890000: Oth NonLbr Exp										$7,462	($7,462)		
PT-01765: ESD Lab Services Capital 2015													
5101700: NonStock Material		$124,850	$17,511	$88,825	$185,899	$34,065	($54,607)	$238,929	$34,545	$7		$25,213	$695,237
5101750: N-Stk Mtl Nonstorerm								$3,419					$3,419
PT-02100: EPMO TRANSFORMATION PROJ CAPITAL													
5231300: OPEB Exp Capitalized	$24	$17	$11	$19	$35	$30	$59	$30	$24	$4			$253
5250000: PP Capitallo AFUDC	$1,694	$1,788	$1,763	$8,342	$2,568	$2,666	$2,759	$2,858	$2,941	$3,046	$3,103	$3,138	$36,668
5251000: PP Capitallo Pension	$167	$121	$78	$137	$245	$208	$423	$216	$179	$32			$1,806
5252000: PP Capitalz Oth Cost	$497	$360	$233	$408	$728	$623	$1,249	$639	$543	$95			$5,375
5610000: IT SDvlp Chgbk-Labor	$3,108	$2,252	$1,458	$2,551	$4,555	$3,892	$7,579	$3,835	$3,121	$540			$32,888
5374000: IT SDvlp Chgbk-Cont	$666	$857	$762	$1,636	$1,214	$959	$762	$857	$666	$513	$218		$9,110
5503500: Other O/S Services	$15,165	$11,940	$20,065	$15,845	$14,255	$7,800	$9,200	$10,230	$8,560	$9,995	$8,435	$3,430	$134,020
PT-02943: Lakeshore Admin Building													
5200800: Lodging								$72	$86			$121	$279
5201200: General Travel-Other								$419	$190	$85	$85	$104	$883
5201600: Meals & Ent-50%								$16	$30			$9	$55
5227000: Indirect Lbr Cr/Adj									($69)				($69)
5231300: OPEB Exp Capitalized			$5	$3	$4		$66	$12	$39	$40	$42	$29	$240
5250000: PP Capitallo AFUDC							$28	$1,222	$2,298	$2,340	$3,456	$5,483	$14,828
5251000: PP Capitallo Pension			$38	$24	$28		$527	$93	$330	$314	$337	$278	$1,950
5252000: PP Capitalz Oth Cost			$110	$71	$82		$1,500	$263	$882	$893	$957	$688	$5,447
5253000: PP Capitalz A&G Labor			$30	$19	$22		$485	$85	$285	$288	$309	$220	$1,743
5254000: PP Capitalz E&S Labor			$61	$341	$361		$959	($1,783)	$86				$4
5254003: PP Capitalz Mtn E&S			$20	$110	$112		$314	($584)	$35				$7
5503500: Other O/S Services				$1,440	$2,793		$8,062	$389,914	($37,981)	$29,698	$343,498	$328,114	$1,067,554
5508000: Cntrct Cst-Other												$250	$250
5509000: Contract Cost- Labor												$19,542	$19,542
A3500: Exempt Direct Labor			$620		$69		$7,820	$3,964	$5,291	$5,411	$1,802	$4,845	$33,821
PT-02953: Generation - IT/Cyber Security Capital													
5503500: Other O/S Services											$49,613		$49,613
PT-95200: Misc Office Equipment & Computers													
5508000: Cntrct Cst-Other											$7	$2,963	$2,970
5509000: Contract Cost- Labor				$1,009	($836)	($173)					$3,713	$11,106	$14,819
5890000: Oth NonLbr Exp				$1,146	($1,146)	$10,000		($10,000)				$20,076	$20,076
A3500: Exempt Direct Labor			$716	$119	($836)		$119	($119)			$60		$60
PT-95203: Electric Supply Engineering Cap Tools													
5101700: NonStock Material											$60,838	$28,530	$89,368
5890000: Oth NonLbr Exp											$7,462		$7,462
5895200: Int Dwn O-STE-Nlbr											($3,656)		($3,656)

CAP: 2024 Actual Result Review - Supplemental	Jan - 2024	Feb - 2024	Mar - 2024	Apr - 2024	May - 2024	Jun - 2024	Jul - 2026	Aug - 2024	Sep - 2024	Oct - 2024	Nov - 2024	Dec - 2024	2024
	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company
Generation Capital Summary
2024 Project Actual Capital Expenditures

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CAP - Ludington													
PH-000213: UPS TOOL & EQUIPMENT													
5895200: Int Own Cr-OTE-Nlbr					($11,387)								($11,387)
PH-200215: Replace Control Room Demand Meters													
5231300: OPEB Exp Capitalized						($134)							($134)
5251000: PP Capitallo Pension						($1,010)							($1,010)
5252000: PP Capitalc Oth Cost						($2,929)							($2,929)
5253000: PP Capital A&G Labor						($787)							($787)
5254000: PP Capital E&S Labor						($4,187)							($4,187)
5254003: PP Capitalc Mln E&S						($1,372)							($1,372)
5502000: O/S Temp Help						($137)							($137)
5503500: Other O/S Services						($22,003)							($22,003)
A1000: Non-Exempt Direct Lbr						($512)							($512)
A1500: Exempt Direct Labor						($12,536)							($12,536)
PH-200218: UPS - Switchgear 5 Cable Replacement													
5231300: OPEB Exp Capitalized						($68)							($68)
5251000: PP Capitallo Pension						($512)							($513)
5252000: PP Capitalc Oth Cost						($1,484)							($1,484)
5253000: PP Capital A&G Labor						($399)							($399)
5254000: PP Capital E&S Labor						($3,897)							($3,897)
5254003: PP Capitalc Mln E&S						($1,277)							($1,277)
5380000: Lab Chhl Chgbk-Lbr						($462)							($462)
5502000: O/S Temp Help						($9)							($9)
5503500: Other O/S Services						($28,485)							($28,485)
A1500: Exempt Direct Labor						($3,651)							($3,651)
M10134: Real Estate - Labor						($139)							($139)
PH-200812: UPS - Unit 1 Pony Motor Breaker 1													
5227000: Indirect Lbr Cr/Adj									($1,664)	($88)			($1,752)
5231300: OPEB Exp Capitalized					($1)				($16)				($17)
5251000: PP Capitallo Pension					($6)				($128)				($134)
5252000: PP Capitalc Oth Cost					($17)				($364)				($381)
5253000: PP Capital A&G Labor					($5)				($118)				($123)
5254000: PP Capital E&S Labor					($17)				($384)				($401)
5254003: PP Capitalc Mln E&S					($4)				($157)				($162)
5503500: Other O/S Services					($58)				($1,097)				($1,155)
5890000: Oth Nonlbr Exp									($308)				($308)
5895100: Int Own Cr-OTE-Lbr										$858			$858
5895200: Int Own Cr-OTE-Nlbr										$1,316	($327)		$989
A1500: Exempt Direct Labor					($83)					$88			
PH-200315: UPS Intake Bubbler Compressor and Dryer													
5231300: OPEB Exp Capitalized				($48)									($48)
5251000: PP Capitallo Pension				($363)									($363)
5252000: PP Capitalc Oth Cost				($1,051)									($1,051)
5253000: PP Capital A&G Labor				($282)									($282)
5254000: PP Capital E&S Labor				($3,353)									($3,353)
5254003: PP Capitalc Mln E&S				($1,086)									($1,084)
5502000: O/S Temp Help				($316)									($316)
5503500: Other O/S Services				($31,311)									($31,311)
A1500: Exempt Direct Labor				($2,241)									($2,241)
PH-200317: UPS House Service Air Tank Replacement													
5231300: OPEB Exp Capitalized					($3)								($3)
5251000: PP Capitallo Pension					($26)								($26)
5252000: PP Capitalc Oth Cost					($75)								($75)
5253000: PP Capital A&G Labor					($20)								($20)
5254000: PP Capital E&S Labor					($361)								($361)
5254003: PP Capitalc Mln E&S					($118)								($118)
5503500: Other O/S Services					($3,055)								($3,055)
PH-200613: UPS-Bus 2 4160 Cable Replacement													
5231300: OPEB Exp Capitalized					($8)								($8)
5251000: PP Capitallo Pension					($64)								($64)
5252000: PP Capitalc Oth Cost					($186)								($186)
5253000: PP Capital A&G Labor					($50)								($50)
5254000: PP Capital E&S Labor					($875)								($875)
5254003: PP Capitalc Mln E&S					($287)								($287)
5503500: Other O/S Services					($7,333)								($7,333)
A1500: Exempt Direct Labor					($19)								($19)
PH-200616: UPS PT Cabinet													
5231300: OPEB Exp Capitalized							($14)						($14)
5251000: PP Capitallo Pension							($108)						($109)
5252000: PP Capitalc Oth Cost							($306)						($306)
5253000: PP Capital A&G Labor							($99)						($99)
5254000: PP Capital E&S Labor							($646)						($646)
5254003: PP Capitalc Mln E&S							($212)						($213)
5503500: Other O/S Services							($4,430)						($4,430)
5508000: Cntrct Cst-Other							($4)						($4)
A1000: Non-Exempt Direct Lbr							($6)						($6)
A1500: Exempt Direct Labor							($989)						($989)
PH-200618: UPS Replace 9 Lighting Arrestors													
5231300: OPEB Exp Capitalized					($1)								($1)
5251000: PP Capitallo Pension					($6)								($6)
5252000: PP Capitalc Oth Cost					($17)								($17)
5253000: PP Capital A&G Labor					($5)								($5)
5254000: PP Capital E&S Labor					($36)								($36)
5254003: PP Capitalc Mln E&S					($12)								($12)
5503500: Other O/S Services					($241)								($241)
A1000: OM&C Direct Labor					($59)								($59)
PH-200619: UPS DAC #2													
5231300: OPEB Exp Capitalized									($257)				($257)
5251000: PP Capitallo Pension									($2,038)				($2,038)
5252000: PP Capitalc Oth Cost									($5,799)				($5,799)
5253000: PP Capital A&G Labor									($1,873)				($1,873)
5254000: PP Capital E&S Labor									($10,315)				($10,315)
5254003: PP Capitalc Mln E&S									($4,209)				($4,209)
5503500: Other O/S Services									($61,905)				($61,905)
A1000: OM&C Direct Labor									($16,501)				($16,501)
A3000: Non-Exempt Direct Lbr									($2,017)				($2,017)
A1500: Exempt Direct Labor									($2,101)				($2,101)
PH-200516: UPS-Depressing Air Compressor Controls													
5231300: OPEB Exp Capitalized									($56)				($56)
5251000: PP Capitallo Pension									($442)				($442)
5252000: PP Capitalc Oth Cost									($1,258)				($1,258)
5253000: PP Capital A&G Labor									($406)				($406)
5254000: PP Capital E&S Labor									($2,204)				($2,204)
5254003: PP Capitalc Mln E&S									($869)				($869)
5503500: Other O/S Services									($13,015)				($13,015)
5508000: Cntrct Cst-Other									($99)				($99)
A1000: OM&C Direct Labor									($44)				($44)
A3000: Non-Exempt Direct Lbr									($752)				($752)
A1500: Exempt Direct Labor									($3,723)				($3,723)
PH-200517: UPS Cooling Water Pressure Surge Correct													
5201200: General Travel-Other	$197		$114										$311
5231300: OPEB Exp Capitalized	$32		$5	$1	$3	$2							$43
5251000: PP Capitallo Pension	$239		$38	$8	$24	$16							$325
5252000: PP Capitalc Oth Cost	$692		$109	$25	$70	$46							$942
5253000: PP Capital A&G Labor	$186		$29	$7	$19	$12							$253
5254000: PP Capital E&S Labor	$402		$71	$14	$39	$30							$555
5254003: PP Capitalc Mln E&S	$130		$23	$4	$13	$10							$180
5895100: Int Own Cr-OTE-Lbr			($1,895)	($293)	($67)	($192)	($124)						($2,572)
5895200: Int Own Cr-OTE-Nlbr			($920)	($106)	($29)	($82)	($57)						($1,279)
A1000: OM&C Direct Labor	$2,283												$2,283
A1500: Exempt Direct Labor	$1,584		$598	$138	$392	$254							$2,965
PH-200519: UPS HVAC Replacement													
5895100: Int Own Cr-OTE-Lbr	($99)												($99)
5895200: Int Own Cr-OTE-Nlbr	$58												$58
PH-200610: UPS DAC #2 Motor Replacement Project													
5231300: OPEB Exp Capitalized						($6)							($6)
5251000: PP Capitallo Pension						($47)							($47)
5252000: PP Capitalc Oth Cost						($135)							($135)
5253000: PP Capital A&G Labor						($36)							($36)
5254000: PP Capital E&S Labor						($646)							($646)
5254003: PP Capitalc Mln E&S						($212)							($212)
5503500: Other O/S Services						($5,426)							($5,426)
PH-200811: UPS Governor Air Compressors Replacement													
5231300: OPEB Exp Capitalized						($43)							($43)
5251000: PP Capitallo Pension						($324)							($324)
5252000: PP Capitalc Oth Cost						($940)							($940)
5253000: PP Capital A&G Labor						($253)							($253)
5254000: PP Capital E&S Labor						($678)							($678)
5254003: PP Capitalc Mln E&S						($222)							($222)
5380000: Lab PCS Chgbk-Lbr						($41)							($41)
5503500: Other O/S Services						($629)							($629)
A1000: OM&C Direct Labor						($4,532)							($4,532)
A1999: OM&C Contract Labor						($464)							($464)
A3000: Non-Exempt Direct Lbr						($15)							($15)
A1500: Exempt Direct Labor						($17)							($17)
PH-200812: UPS 17-401 House Service Air Compressor													
5231300: OPEB Exp Capitalized									($2)				($2)
5251000: PP Capitallo Pension									($13)				($13)
5252000: PP Capitalc Oth Cost									($38)				($38)
5253000: PP Capital A&G Labor									($12)				($12)
5254000: PP Capital E&S Labor									($162)				($162)
5254003: PP Capitalc Mln E&S									($66)				($66)
5503500: Other O/S Services									($1,297)				($1,297)

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PH-2008: UPS Replace Billing RTU project													
5231300: OPEB Exp Capitalized							($1)						($1)
5251000: PP Capitalio Pension							($10)						($10)
5252000: PP Capitalc Oth Cost							($29)						($29)
5253000: PP Capital A&G Labor							($10)						($10)
5254000: PP Capital E&S Labor							($18)						($18)
5254003: PP Capitalc Min E&S							($6)						($6)
A3100: Labor Lab Tech							($112)						($112)
M3039: Field Lab Services L							($42)						($42)
PH-2008: UPS - Depression Air Compressor #1													
5231300: OPEB Exp Capitalized									($98)				($98)
5251000: PP Capitalio Pension									($781)				($781)
5252000: PP Capitalc Oth Cost									($2,222)				($2,222)
5253000: PP Capital A&G Labor									($718)				($718)
5254000: PP Capital E&S Labor									($2,628)				($2,628)
5254003: PP Capitalc Min E&S									($1,071)				($1,071)
5380659: Lab PCS Chgbk-Ukr									($86)				($86)
5503500: Other O/S Services									($11,256)				($11,256)
A1000: OM&C Direct Labor									($9,256)				($9,256)
A3000: Non-Exempt Direct Libr									($362)				($362)
A3500: Exempt Direct Labor									($64)				($64)
PH-2008: UPS Replace Tower Lights													
5231300: OPEB Exp Capitalized							($8)	($8)					($17)
5251000: PP Capitalio Pension							($67)	($67)					($134)
5252000: PP Capitalc Oth Cost							($191)	($193)					($381)
5253000: PP Capital A&G Labor							($62)	($62)					($123)
5254000: PP Capital E&S Labor							($119)	($119)					($237)
5254003: PP Capitalc Min E&S							($39)	($38)					($76)
A1000: OM&C Direct Labor							($932)	($932)					($1,864)
A3000: Non-Exempt Direct Libr							($2)	($2)					($4)
A3500: Exempt Direct Labor							($64)	($64)					($128)
PH-2008: UPS Emergency Diesel Generator & Bus 4													
5201200: General Travel-Other			$46						$15				$62
5231300: OPEB Exp Capitalized	$9	$9	$8	$10	$8	$9	$9	$3	$2	$3			$70
5251000: PP Capitalio Pension	$70	$69	$59	$73	$60	$66	$72	$25	$18	$25			$538
5252000: PP Capitalc Oth Cost	$203	$199	$170	$213	$175	$192	$205	$72	$52	$72			$1,553
5253000: PP Capital A&G Labor	$55	$53	$46	$57	$47	$51	$66	$23	$17	$23			$439
5254000: PP Capital E&S Labor	$180	$134	$99	$247	$114	$125	$167	$56	$34	$54			$1,210
5254003: PP Capitalc Min E&S	$58	$43	$32	$80	$37	$41	$55	$18	$14	$22			$400
5503500: Other O/S Services				$1,468						($0)			$1,468
5508000: Cntrct Cst-Other										$0			$0
5508000: Contract Cost- Labor	$764	$271					$378	$99					$1,512
5895100: Int Own Cr-DTE-Lbr	($281)	($520)	($538)	($471)	($507)	($476)	($520)	($507)	($178)	($334)	($255)		($4,386)
5895200: Int Own Cr-DTE-Nlbr	$182	($658)	($384)	($227)	($1,083)	($219)	($240)	($469)	($154)	($66)	($2,257)		($5,557)
A1000: OM&C Direct Labor										($0)			($0)
A3500: Exempt Direct Labor	$1,051	$1,087	$952	$1,024	$961	$1,051	$1,024	$360	$270	$359			$8,138
PH-2007: UPS Annunciator Panel Upgrade													
5231300: OPEB Exp Capitalized	$2	$2											$3
5251000: PP Capitalio Pension	$13	$12											$25
5252000: PP Capitalc Oth Cost	$38	$34											$71
5253000: PP Capital A&G Labor	$10	$9											$19
5254000: PP Capital E&S Labor	$38	$162											$200
5254003: PP Capitalc Min E&S	$12	$52											$65
5508000: Contract Cost- Labor	$197	$1,639											$1,837
5895100: Int Own Cr-DTE-Lbr	($64)	($93)											($157)
5895200: Int Own Cr-DTE-Nlbr	$200	($152)	($936)										($889)
A3500: Exempt Direct Labor	$189												$189
PH-2007: UPS Powerhouse Roof													
5231300: OPEB Exp Capitalized	$71	($37)	$11	$12	$5	$6	$4	$1	$0	$2			$76
5251000: PP Capitalio Pension	$538	($281)	$84	$88	$41	$47	$35	$7	$3	$12			$576
5252000: PP Capitalc Oth Cost	$1,559	($813)	$245	$256	$120	$137	$99	$20	$9	$35			$1,665
5253000: PP Capital A&G Labor	$419	($219)	$66	$69	$32	$37	$32	$6	$3	$11			$456
5254000: PP Capital E&S Labor	$6,078	($4,555)	$323	$684	$154	$117	$213	$91	$40	$49			$3,193
5254003: PP Capitalc Min E&S	$1,965	($1,472)	$104	$221	$51	$38	$70	$30	$16	$19			$1,042
5503500: Other O/S Services	$58,073	($46,893)	$1,589	$5,920	$468								$19,356
5508000: Cntrct Cst-Other								$217	($46)				$171
5508000: Contract Cost- Labor	$1,456	($182)	$546	$273	$273	$273	$1,470	$544	$164	$182			$5,199
5895100: Int Own Cr-DTE-Lbr	($1,446)	($1,015)	($469)	($616)	($391)	($302)	($388)	($173)					($4,790)
5895200: Int Own Cr-DTE-Nlbr	($5,91)	($38,105)	$29,526	($1,591)	($4,078)	($605)	($339)	($91)	($461)	($188)			($17,315)
A3500: Exempt Direct Labor	$1,863	$861	$1,128	$719	$555	$713	$317			$142			$6,298
PH-2007: UPS Intake Gate & Gate House													
5201200: General Travel-Other	$204	$209		$523									$936
5231300: OPEB Exp Capitalized	$32	$38	$43	$31	$31	$32	$14	$10	$13	$8	$3	$4	$258
5251000: PP Capitalio Pension	$239	$287	$223	$231	$234	$241	$111	$78	$102	$64	$26	$36	$1,971
5252000: PP Capitalc Oth Cost	$692	$833	$936	$668	$680	$697	$317	$223	$289	$182	$73	$89	$5,678
5253000: PP Capital A&G Labor	$186	$224	$252	$180	$183	$187	$102	$72	$93	$59	$23	$28	$1,590
5254000: PP Capital E&S Labor	$1,537	$2,381	$1,234	$1,012	$1,337	$1,303	$384	$148	$625	$206	$55	$57	$10,180
5254003: PP Capitalc Min E&S	$497	$737	$199	$327	$438	$427	$126	$49	$255	$82	$22	$24	$3,382
5503500: Other O/S Services		$11,016							$2,763				$13,779
5508000: Cntrct Cst-Other	$0.50	$2,250	$600	$1,100	$1,150								$5,050
5508000: Contract Cost- Labor	$12,404	$7,299	$7,551	$5,693	$7,541	$8,252	$1,820	$91	$1,365	$546			$52,563
5895100: Int Own Cr-DTE-Lbr	($625)	($1,157)	($1,113)	($2,114)	($1,424)	($1,246)	($1,121)	($691)	($545)	($428)	($401)	($178)	($11,264)
5895200: Int Own Cr-DTE-Nlbr	($213)	($8,056)	($12,335)	($5,535)	($4,784)	($5,681)	($5,459)	($1,409)	($128)	($2,698)	($562)	($459)	($47,460)
A3500: Exempt Direct Labor	$2,362	$2,271	$4,314	$2,907	$2,543	$2,700	$1,410	$1,153	$873	$817	$363	$545	$22,259
PH-2007: UPS 480V MCC for DLC													
5101750: N-Stk Mtl Nonstorm			$2,897	($259,315)									($256,418)
5201200: General Travel-Other	$66												$66
5231300: OPEB Exp Capitalized	$77	$54	$31	$35	$179	$121	$271	$199	$81	$38	$15	$45	$1,146
5251000: PP Capitalio Pension	$683	$405	$237	$264	$1,348	$912	$2,150	$1,579	$644	$303	$121	$438	$8,985
5252000: PP Capitalc Oth Cost	$1,689	$1,174	$686	$765	$3,908	$2,644	$6,117	$4,463	$1,832	$863	$345	$1,083	$25,588
5253000: PP Capital A&G Labor	$456	$315	$184	$206	$1,050	$711	$1,976	$1,451	$592	$279	$111	$347	$7,676
5254000: PP Capital E&S Labor	$1,627	$1,231	$1,078	($269)	$14,462	$11,407	$25,433	$17,999	$5,851	$2,446	$471	$4,366	$86,082
5254003: PP Capitalc Min E&S	$526	$366	$248	($87)	$4,733	$3,738	$8,335	$5,899	$2,187	$972	$187	$1,814	$29,251
5503500: Other O/S Services	$4,600	$4,980	$2,103	$246,349	$102,426	$71,802	$194,799	$134,265	$36,860	$11,494	($83)	$38,697	$847,572
5508000: Cntrct Cst-Other				$361	$2,214	$4,021	$2,039	$3,344	($719)				$11,259
5508000: Contract Cost- Labor	$3,195	$1,616	$2,954	$4,487	$11,070	$18,377	$13,582	$10,309	$7,805	$2,890	$2,502	$1,379	$80,167
5508100: Contct Cst-Materials				$190									$190
5895100: Int Own Cr-DTE-Lbr	($1,842)	($4,423)	($3,006)	($1,512)	($2,690)	($2,916)	($853)	($1,705)	($1,739)	($1,476)	($935)	($738)	($23,816)
5895200: Int Own Cr-DTE-Nlbr	($8,037)	($6,512)	($5,204)	($5,249)	($4,034)	($72,575)	($58,093)	($130,951)	($92,284)	($28,293)	($9,852)	($29,415)	($450,501)
A1000: OM&C Direct Labor				$355	$2,701	$1,350	$1,386	$640	$71				$6,503
A3500: Exempt Direct Labor	$8,575	$5,829	$2,932	$4,861	$2,954	$304	$1,919	$2,893	$2,791	$1,812	$1,432	$1,449	$37,550
PH-2007: UPS Depreciation Rate Case Eng Study													
5895200: Int Own Cr-DTE-Nlbr			$15	($29)									($15)
PH-2008: UPS HC Vent & RB Drain Valves													
5227000: Indirect Lbr Cr/Adj										($230)			($230)
5231300: OPEB Exp Capitalized										($2)			($2)
5251000: PP Capitalio Pension										($16)			($16)
5252000: PP Capitalc Oth Cost										($46)			($46)
5253000: PP Capital A&G Labor										($15)			($15)
5254000: PP Capital E&S Labor										($35)			($35)
5254003: PP Capitalc Min E&S										($14)			($14)
PH-2008: UPS Replace Station Air Compressors													
5231300: OPEB Exp Capitalized	$39	$4	$5	$4	$6	$0		($23)					$35
5251000: PP Capitalio Pension	$293	$29	$41	$27	$44	$2		($178)				$0	$256
5252000: PP Capitalc Oth Cost	$849	$84	$118	$77	$126	$6		($510)				$0	$751
5253000: PP Capital A&G Labor	$228	$23	$32	$21	$34	$2		($165)				$0	$174
5254000: PP Capital E&S Labor	$3,788	$47	$87	$76	$432	$27		($2,327)				$0	$2,128
5254003: PP Capitalc Min E&S	$1,224	$15	$28	$24	$141	$9		($763)				$0	$679
5503500: Other O/S Services	$37,876				$1,399			($16,553)					$21,722
5508000: Contract Cost- Labor			$240	$357		$230							$827
5895100: Int Own Cr-DTE-Lbr	($89)	($209)	($258)	($347)	($213)	($124)							($1,241)
5895200: Int Own Cr-DTE-Nlbr	($2,107)	($24,117)	($110)	($285)	($295)	($2,277)	($135)		$12,804				($16,723)
A3500: Exempt Direct Labor	$184	$474	$637	$392	$228							$0	$2,116
PH-2008: UPS - Upper Reservoir Asphalt & Liner													
A3500: Exempt Direct Labor										$0			$0
PH-2008: UPS Fire Header Failure Replacement													
5231300: OPEB Exp Capitalized										($47)			($47)
5251000: PP Capitalio Pension										($370)			($370)
5252000: PP Capitalc Oth Cost										($1,053)			($1,053)
5253000: PP Capital A&G Labor										($340)			($340)
5254000: PP Capital E&S Labor										($4,566)			($4,566)
5254003: PP Capitalc Min E&S										($1,814)			($1,814)
5503500: Other O/S Services										($30,241)			($30,241)
PH-2008: UPS Design & Install Net Barrier (AMP)													
5231300: OPEB Exp Capitalized	$9	($21)	$12										
5251000: PP Capitalio Pension	$67	($156)	$89										
5252000: PP Capitalc Oth Cost	$195	($453)	$259										
5253000: PP Capital A&G Labor	$52	($122)	$70										
5254000: PP Capital E&S Labor	$936	($2,177)	$1,242										
5254003: PP Capitalc Min E&S	$302	($706)	$401										
5503500: Other O/S Services	$9,450	($21,992)	$12,542										
5895200: Int Own Cr-DTE-Nlbr	($2,502)												($2,502)
PH-2008: UPS No load Switches on Exciter PPTs													
5227000: Indirect Lbr Cr/Adj										($4,725)			($4,725)
5231300: OPEB Exp Capitalized										($75)			($75)
5251000: PP Capitalio Pension										($593)			($593)
5252000: PP Capitalc Oth Cost										($1,488)			($1,488)
5253000: PP Capital A&G Labor										($545)			($545)
5254000: PP Capital E&S Labor										($1,940)			($1,940)
5254003: PP Capitalc Min E&S										($1,565)			($1,565)
5503500: Other O/S Services										($4,211)			($4,211)
5508000: Contract Cost- Labor										($16,603)			($16,603)
5508100: Contct Cst-Materials										($552)			($552)
5895100: Int Own Cr-DTE-Lbr											$2,315		$2,315
5895200: Int Own Cr-DTE-Nlbr											$14,588		$14,588

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	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
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PH-20091: UPS 19-420 Station Battery Replacement													
5231300: OPEB Exp Capitalized	$5		$0	$0					$6				$12
5251000: PP Capitallu Pension	$36		$1	$2					$50				$89
5252000: PP Capitalu Oth Cost	$104		$4	$5					$143				$256
5253000: PP Capital A&G Labor	$28		$1	$1					$46				$77
5254000: PP Capital E&S Labor	$153		$18	$26					$92				$289
5254003: PP Capitalu Min E&S	$49		$6	$8					$38				$101
5508000: Contract Cost- Labor	$1,087		$181	$263									$1,531
5895100: Int Own Cr-DTE-Lbr	($1,180)	($249)								($402)			($1,831)
5895200: Int Own Cr-DTE-NIbr	$386	($727)		($103)	($150)					($205)			($769)
A3000: Non-Exempt Direct Lbr									$738				$738
A3500: Exempt Direct Labor	$457												$457
PH-20092: UPS Replacement of UPS DAC 1&2													
5101500: Matl Stk Issues								$411					$411
5101700: NonStock Material			$846		($0)				($596)				$250
5101750: N-Stk Mtl Nonstorerm				$379									$379
5200400: Airfare			$1,871										$1,871
5200800: Lodging		$220	$1,276										$1,496
5201200: General Travel-Other	$168	$411	$970	$66	$131	$131	$81	$66		$33			$2,456
5201600: Meals & Ent-50%		$32	$298										$330
5203200: Postage/Mail Service						$16							$16
5227000: Indirect Lbr Cr/Adj											$1,770		$1,770
5231300: OPEB Exp Capitalized	$188	$115	$210	$117	$51	$43	$25	$133	$10	$12	$71	$55	$1,029
5251000: PP Capitallu Pension	$1,421	$866	$1,582	$880	$384	$325	$195	$1,060	$79	$99	$563	$528	$7,981
5252000: PP Capitalu Oth Cost	$4,119	$2,511	$4,584	$2,550	$1,114	$941	$554	$3,014	$226	$281	$1,602	$1,303	$22,801
5253000: PP Capital A&G Labor	$1,107	$675	$1,232	$685	$299	$253	$179	$974	$73	$91	$518	$417	$6,503
5254000: PP Capital E&S Labor	$5,254	$5,212	$13,971	$4,172	$1,701	$2,438	$1,315	$184	$411	$353	$1,357	$953	$39,320
5254003: PP Capitalu Min E&S	$1,698	$1,685	$4,516	$1,348	$557	$799	$431	$60	$168	$140	$1,334	$396	$13,133
5380659: Lab PCS Chgbk-Lbr	$735		$0										$735
5390659: Lab PCS Chgbk-NIbr	$287												$287
5503500: Other O/S Services	$27,311	$37,465	$118,802	$29,353	$7,862	$13,950	$6,268	($17,207)	$1,996		$15,391		$241,191
5508000: Cntrct Cst-Other	$113	$171	$684		$171	$171		$46	($46)				$1,710
5508000: Contract Cost- Labor	$5,569	$5,288	$5,738	$1,658	$1,314	$3,081	$3,088	$203	$1,143	$1,092	$1,820	$1,233	$31,227
5895100: Int Own Cr-DTE-Lbr	($12,170)	($10,464)	($4,910)	($5,791)	($5,816)	($2,622)	($1,492)	($878)	($9,813)	($430)	($660)	($1,732)	($48,901)
5895200: Int Own Cr-DTE-NIbr	($1,815)	($25,553)	($29,377)	($84,551)	($22,302)	($7,301)	($12,099)	($6,400)	$6,064	($1,850)	($1,066)	($21,620)	($207,809)
A1000: OM&C Direct Labor		$636	$1,185	$1,349				$16,599			$2,611	$7,358	$31,738
A3500: Exempt Direct Labor	$18,485	$8,423	$9,617	$7,334	$4,816	$2,741	$1,613	$1,418	$801	$1,212	$637	$474	$57,380
C1010: Store Loading Labor			$16					$8	($11)				$13
PH-20093: UPS Replace Lower Penstock Expansion													
5201200: General Travel-Other	$102		$289							$29			$421
5210000: Fees-Regulatory/Perm			$200										$200
5231300: OPEB Exp Capitalized	$106	$59	$91	$51	$173	$68	$54	$109	$31	$63	$78	$69	$951
5251000: PP Capitallu Pension	$799	$461	$685	$387	$1,303	$516	$427	$867	$247	$499	$617	$664	$7,454
5252000: PP Capitalu Oth Cost	$2,317	$1,279	$1,986	$1,122	$3,778	$1,496	$1,216	$2,468	$702	$1,420	$1,754	$1,640	$21,178
5253000: PP Capital A&G Labor	$623	$364	$534	$302	$1,015	$402	$393	$797	$227	$459	$567	$525	$6,186
5254000: PP Capital E&S Labor	$4,279	$3,872	$4,420	$2,966	$16,960	$5,874	$4,566	$10,265	$600	$5,102	$7,608	$8,031	$74,520
5254003: PP Capitalu Min E&S	$1,383	$1,252	$1,429	$958	$5,552	$1,925	$1,496	$3,364	$245	$2,027	$3,023	$3,337	$25,990
5508000: O/S Legal		$2,539		$27,782	$15,844	$35,381	$36,075	$80,066		$30,934	$50,021	$76,199	$359,840
5503500: Other O/S Services	$20,726	$25,820	$24,222	($50)	$118,764	$12,177	($2)	$504	$1,393	$1,348	$364		$205,265
5508000: Cntrct Cst-Other	$1,931	$1,178	$1,693	$188	$941								$5,930
5508000: Contract Cost- Labor	$11,406	$6,569	$11,469	($1,187)	$1,292	$99	$989	($439)					$30,998
5895100: Int Own Cr-DTE-Lbr	($2,470)	($4,464)	($1,486)	($3,352)	($1,387)	($748)	($843)	($644)	($657)	($1,686)	($730)		($18,002)
5895200: Int Own Cr-DTE-NIbr	($59,561)	($21,549)	($21,419)	($23,203)	($16,101)	($83,912)	($28,676)	($22,372)	($50,885)	($1,704)	($20,729)	($82,733)	($432,844)
A1000: OM&C Direct Labor	$574								$148				$722
A3500: Exempt Direct Labor	$8,486	$3,003	$6,772	$3,207	$1,510	$1,704	$1,305	$1,328	$3,239	$1,474		$189	$32,208
PH-20094: UPS 18-401 CO2 Fire Protection Systm Rpl													
5200800: Lodging										$38			$38
5201200: General Travel-Other									$66	$160	$79	$130	$434
5201600: Meals & Ent-50%										$10			$10
5231300: OPEB Exp Capitalized	$146	$27	$21	$16	$105	$30	$64	$114	$106	$528	($254)	$27	$929
5250000: PP Capitallu AFUDC							$5,489	$1,656	$1,929	$2,681	$2,970	$1,331	$16,056
5251000: PP Capitallu Pension	$1,102	$304	$160	$123	$793	$228	$107	$909	$826	$4,194	($2,018)	$162	$7,352
5252000: PP Capitalu Oth Cost	$3,194	$590	$464	$358	$2,298	$661	$1,443	$2,587	$2,351	$11,932	($5,741)	$648	$20,786
5253000: PP Capital A&G Labor	$858	$159	$125	$96	$618	$178	$466	$836	$759	$3,855	($1,854)	$208	$6,302
5254000: PP Capital E&S Labor	$13,104	$1,279	$535	$381	$1,564	$810	$3,207	$10,714	$8,031	$49,572	($26,339)	$845	$63,702
5254003: PP Capitalu Min E&S	$4,236	$413	$173	$123	$512	$265	$1,051	$3,511	$3,277	$19,698	($10,464)	$351	$23,145
5503500: Other O/S Services	$127,022	$9,454		$408			$12,581	$84,600	$55,668	$322,092	($181,438)		$430,387
5508000: Cntrct Cst-Other	$190					$380	$1,710	$1,112	($312)			$200	$3,240
5508000: Contract Cost- Labor	$2,198	$1,405	$3,171	$1,668	$615	$1,301	$8,175	$2,864	$5,927	$2,945	$4,913	$4,342	$41,523
5895100: Int Own Cr-DTE-Lbr	($621)	($1,448)	($1,009)	($1,096)	($867)	($6,137)	($1,530)	($2,198)	($711)	($1,440)	($1,494)	($687)	($19,740)
5895200: Int Own Cr-DTE-NIbr	$165	($74,505)	($6,630)	($2,278)	($1,515)	($3,188)	($2,868)	($14,310)	($52,552)	($37,561)	($203,361)	$105,182	($291,460)
A1000: OM&C Direct Labor					$11,414	$853	$1,637						$13,905
A3500: Exempt Direct Labor	$2,955	$2,058	$2,237	$1,770	$1,111	$2,269	$2,930	$1,455	$2,939	$3,048	$2,013	$3,369	$28,074
PH-20095: UPS Replace Sewage Ejector Pump													
5895100: Int Own Cr-DTE-Lbr	($1,121)												($1,121)
5895200: Int Own Cr-DTE-NIbr	($3,870)												($3,870)
PH-20096: UPS Global 480V Weld Receptacle Replace													
5101500: Matl Stk Issues												($81)	($81)
5101700: NonStock Material												($30,046)	($30,046)
5101750: N-Stk Mtl Nonstorerm												($22)	($22)
5227000: Indirect Lbr Cr/Adj												($20,999)	($20,999)
5231300: OPEB Exp Capitalized												($170)	($170)
5251000: PP Capitallu Pension												($1,646)	($1,646)
5252000: PP Capitalu Oth Cost												($4,061)	($4,061)
5253000: PP Capital A&G Labor												($1,101)	($1,101)
5254000: PP Capital E&S Labor												($1,378)	($1,378)
5254003: PP Capitalu Min E&S												($2,234)	($2,234)
C1010: Store Loading Labor												($0)	($0)
PH-20097: UPS U6 Governor Oil Pump Replacement													
5227000: Indirect Lbr Cr/Adj											($26)		($26)
5231300: OPEB Exp Capitalized											($4)		($4)
5251000: PP Capitallu Pension											($50)		($50)
5252000: PP Capitalu Oth Cost											($142)		($142)
5253000: PP Capital A&G Labor											($46)		($46)
5254000: PP Capital E&S Labor											($108)		($108)
5254003: PP Capitalu Min E&S											($43)		($43)
A1000: OM&C Direct Labor											($687)		($687)
PH-20098: UPS Pigeon Lake Boardwalk Rip Rap													
5895200: Int Own Cr-DTE-NIbr												$54,672	$54,672
PH-20099: UPS Replace Barrier Net Panels													
5101700: NonStock Material							$44,183					$85,310	$129,493
5231300: OPEB Exp Capitalized	$15	$47	($3)	$19	$24	$69	$32	$19	$19	$19	$12	$82	$352
5251000: PP Capitallu Pension	$114	$355	($25)	$140	$178	$517	$255	$150	$150	$148	$99	$792	$2,874
5252000: PP Capitalu Oth Cost	$312	$1,010	($72)	$407	$517	$1,499	$725	$425	$436	$422	$281	$1,957	$7,968
5253000: PP Capital A&G Labor	$89	$277	($19)	$109	$139	$403	$234	$137	$138	$136	$91	$627	$2,360
5254000: PP Capital E&S Labor	$1,593	$4,944	($347)	$1,953	$2,474	$7,175	$2,669	$1,942	$1,833	$1,828	$1,217	$9,737	$37,018
5254003: PP Capitalu Min E&S	$515	$1,598	($112)	$631	$811	$2,352	$875	$636	$748	$726	$483	$4,046	$13,309
5503500: Other O/S Services	$16,091	$49,937	($3,507)	$19,731	$20,786	$60,295	($22,607)	$16,319	$14,664	$12,108	$8,057	$7,303	$199,176
5895100: Int Own Cr-DTE-Lbr	$515			($7,161)				($418)					($7,063)
5895200: Int Own Cr-DTE-NIbr	($29,429)	($16,203)	($17,729)	$1,429	($12,518)	($13,572)	($39,169)	($11,439)	($10,686)	($9,788)	($8,377)	($67,376)	($235,055)
C1010: Store Loading Labor							$853					$1	$854
PH-20102: UPS Tailrace Boat Launch													
5231300: OPEB Exp Capitalized								($13)					($13)
5251000: PP Capitallu Pension								($101)					($101)
5252000: PP Capitalu Oth Cost								($286)					($286)
5253000: PP Capital A&G Labor								($93)					($93)
5254000: PP Capital E&S Labor								($919)					($919)
5254003: PP Capitalu Min E&S								($301)					($301)
5503500: Other O/S Services								($7,304)					($7,304)
A3000: Non-Exempt Direct Lbr								($8)					($8)
A3300: Exempt Direct Labor								($495)					($495)
A4000: RE EXEMPT SURVEY LBR								($6)					($6)
A4050: RE NON-EXEMPT SURV L								($4)					($4)
M1034: Real Estate - Labor								($2)					($2)
PH-20106: UPS DCS Control Relay Replacement													
5101700: NonStock Material												$605,496	$605,496
5201200: General Travel-Other					$559	$280	$371	$732	$314	$503	$581		$3,339
5231300: OPEB Exp Capitalized	$34	$33	$78	$63	$77	$60	$71	$99	$166	$144	$214	$619	$1,658
5250000: PP Capitallu AFUDC							$4,777	$1,362	$1,936	$1,439	$1,468	$1,932	$11,994
5251000: PP Capitallu Pension	$255	$246	$586	$477	$581	$453	$561	$789	$1,338	$1,147	$1,703	$5,989	$14,106
5252000: PP Capitalu Oth Cost	$740	$712	$1,697	$1,384	$1,685	$1,314	$1,597	$2,344	$3,749	$3,262	$4,845	$14,792	$38,023
5253000: PP Capital A&G Labor	$199	$191	$456	$372	$453	$353	$516	$725	$1,211	$1,054	$1,565	$4,738	$11,833
5254000: PP Capital E&S Labor	$1,391	$1,285	$2,586	$1,038	$1,905	$2,499	$3,648	$5,655	$12,999	$10,256	$15,412	$71,696	$134,168
5254003: PP Capitalu Min E&S	$450	$351	$836	$982	$1,280	$819	$1,196	$1,853	$5,304	$4,075	$6,124	$29,788	$53,056
5503500: Other O/S Services								$13,792	$61,382	$38,189	$66,967	$59,277	$243,606
5508000: Cntrct Cst-Other	$1,650		$1,100	$740	$910	$2,270	$1,650	$1,650	$1,650	$2,250			$13,870
5508000: Contract Cost- Labor	$9,536	$7,873	$17,653	$25,169	$25,824	$13,423	$23,797	$25,251	$32,222	$21,535	$26,690	$14,409	$243,383
5895100: Int Own Cr-DTE-Lbr	($5,35)	($1,402)	($1,513)	($3,608)	($2,524)	($3,746)	($2,465)	($2,370)	($2,986)	($2,167)	($2,664)	($3,835)	($29,818)
5895200: Int Own Cr-DTE-NIbr	($829)	($6,985)	($5,141)	($12,246)	($27,062)	($19,133)	($10,521)	($16,370)	($25,867)	($60,914)	($40,383)	($508,656)	($734,087)
A3000: Non-Exempt Direct Lbr					$769	$462	$205	$256		$410	$4,410	$103	$6,615
A3500: Exempt Direct Labor	$2,861	$3,088	$7,363	$4,773	$4,753	$4,570	$4,632	$5,837	$4,422	$5,031	$3,417	$2,615	$53,363
C1010: Store Loading Labor												$6	$6
PH-20109: UPS Instrument Air Dryer Rplmt													
5101700: NonStock Material	$186												$186
5231300: OPEB Exp Capitalized	$0		$0				$0	$0					$1
5251000: PP Capitallu Pension	$2		$0				$3	$0					$5
5252000: PP Capitalu Oth Cost	$4		$1		$0		$7	$1					$14
5253000: PP Capital A&G Labor	$1		$0				$2	$0					$4
5254000: PP Capital E&S Labor	$19		$4				$33	$6					$62
5254003: PP Capitalu Min E&S	$6		$1				$11	$2					$20
5508000: Contract Cost- Labor			$40				$279	$49					$369
5895100: Int Own Cr-DTE-Lbr	($1,193)	($2)											($1,195)
5895200: Int Own Cr-DTE-NIbr	$688	($107)		($23)				($165)	($29)				$364
A3500: Exempt Direct Labor					$0								$0
C1010: Store Loading Labor	$4												$4

CAP: 2024 Actual Result Review - Supplemental	Jan - 2024	Feb - 2024	Mar - 2024	Apr - 2024	May - 2024	Jun - 2024	Jul - 2024	Aug - 2024	Sep - 2024	Oct - 2024	Nov - 2024	Dec - 2024	2024
	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals

MICHIGAN PUBLIC SERVICE COMMISSION
Consumers Energy Company
Generation Capital Summary
2024 Project Actual Capital Expenditures

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PH-20111: LPS Centralized Grease System Rplcmt													
5101700: NonStock Material												$119,488	$119,488
5201200: General Travel-Other												$490	$490
5201600: Meals & Ent-50%												$86	$86
5231300: OPEB Exp Capitalized	$12	$13	$12	$12	$10	$4	$14	$14	$16	$12	$19	$117	$255
5251000: PP Capitallo Pension	$93	$99	$88	$93	$74	$14	$113	$109	$123	$99	$153	$1,129	$2,207
5252000: PP Capitalz Oth Cost	$271	$286	$254	$269	$214	$98	$322	$311	$351	$281	$436	$2,787	$5,880
5253000: PP Capital A&G Labor	$73	$77	$68	$72	$57	$26	$104	$100	$113	$91	$141	$693	$1,816
5254000: PP Capital E&S Labor	$342	$367	$324	$274	$285	$242	$564	$211	$486	$538	$538	$13,067	$17,009
5254003: PP Capitalz Mtn E&S	$110	$54	$105	$89	$77	$79	$185	$69	$198	$214	$214	$5,437	$6,832
5508000: Cntrct Cst-Other								$92	($92)				
5509000: Contract Cost- Labor	$2,184	$91	$2,085	$1,423	$181	$1,736	$3,539	$79	$2,534	$2,612	$1,671	$2,299	$22,186
5895100: Int Own Cr-DTE-Lbr	($689)	($690)	($868)	($645)	($734)	($566)	($140)	($619)	($873)	($787)	($519)	($1,030)	($8,202)
5895200: Int Own Cr-DTE-NBr	$331	($1,541)	($422)	($1,466)	($1,126)	($809)	($1,095)	($2,404)	($532)	($1,862)	($1,914)	($81,803)	($94,643)
A3500: Exempt Direct Labor	$1,267	$1,984	$1,185	$1,349	$1,046	$299	$1,200	$1,604	$1,445	$953	$1,893	$1,110	$14,946
C1010: Store Loading Labor												$1	$1
PH-20113: LPS Dam Safety Monitoring Integration													
5895200: Int Own Cr-DTE-NBr												$6,420	$6,420
PH-20114: LPS Governor Replacement													
5101500: Matl Stk Issues						$45							$45
5101700: NonStock Material		$28,280											$28,280
5231300: OPEB Exp Capitalized	$50	$55	$37	$22	$18	$6	$7	$12	$46	$75	$27	$25	$379
5250000: PP Capitallo AFUDC								$8,268	$2,256	$2,532	$2,615	$2,716	$20,720
5251000: PP Capitallo Pension	$379	$415	$280	$165	$138	$48	$55	$94	$362	$592	$213	$238	$2,979
5252000: PP Capitalz Oth Cost	$1,098	$1,202	$812	$478	$399	$140	$156	$268	$1,031	$1,684	$606	$688	$8,463
5253000: PP Capital A&G Labor	$295	$323	$218	$128	$107	$38	$50	$87	$333	$544	$196	$188	$2,508
5254000: PP Capital E&S Labor	$1,093	$4,370	$2,325	$1,057	$892	$670	$580	$1,024	$4,311	$7,304	$2,630	$2,929	$31,185
5254003: PP Capitalz Mtn E&S	$1,000	$1,413	$751	$342	$292	$220	$190	$336	$1,759	$2,902	$1,045	$1,217	$11,466
5503500: Other O/S Services	$14,481	$7,787	$1,987	$1,012	$1,549				$14,427	$33,871	$1,077		$76,190
5508000: Cntrct Cst-Other	$540		$1,503	$540		$990		$2,486	($1,946)		$1,485	$1,575	$7,173
5509000: Contract Cost- Labor	$13,339	$6,225	$17,908	$7,495	$4,595	$4,595	$4,695	$5,853	$21,832	$14,497	$14,854	$26,280	$142,166
5895100: Int Own Cr-DTE-Lbr	($648)	($1,571)	($980)	($1,135)	($890)	($734)	($0)	($96)	($145)	($96)			($6,496)
5895200: Int Own Cr-DTE-NBr	($619)	($17,815)	($25,059)	($12,923)	($5,643)	($4,049)	($3,173)	($2,814)	($5,148)	($21,494)	($32,463)	($20,107)	($151,506)
A3500: Exempt Direct Labor	$2,885	$1,308	$2,085	$1,635	$1,349	$177	$266	$177					$9,882
C1010: Store Loading Labor		$546				$1							$547
PH-20115: LPS Station Water Dschg Isolation Valve													
5201200: General Travel-Other		$314	$860										$1,174
5231300: OPEB Exp Capitalized	$20	$22	$46	$26	$32	$29	$26	$40	$90	$116	$150	$115	$712
5250000: PP Capitallo AFUDC							$6,734	$1,749	$1,866	$2,081	$2,359	$2,733	$17,522
5251000: PP Capitallo Pension	$151	$163	$344	$195	$238	$221	$207	$318	$713	$924	$1,194	$1,118	$5,785
5252000: PP Capitalz Oth Cost	$437	$472	$996	$566	$689	$642	$590	$905	$2,028	$2,627	$3,398	$2,760	$16,110
5253000: PP Capital A&G Labor	$117	$127	$268	$152	$185	$173	$191	$292	$655	$849	$1,098	$884	$4,990
5254000: PP Capital E&S Labor	$243	$280	$869	$315	$1,210	$541	$368	$2,119	$5,801	$8,581	$13,761	$12,327	$46,423
5254003: PP Capitalz Mtn E&S	$78	$84	$281	$102	$386	$177	$120	$694	$2,367	$3,410	$5,468	$5,121	$18,309
5503500: Other O/S Services					$5,387			$11,710	$43,272	$52,633	$87,878	$113,685	$314,565
5508000: Contract Cost- Labor			$2,742		$2,007	$1,181		$3,426	($990)	$264	$1,890	$1,556	$12,078
5895100: Int Own Cr-DTE-Lbr	($8,964)	($1,202)	($1,282)	($2,537)	($1,358)	($1,357)	($1,647)	($1,513)	($1,308)	($2,021)	($1,927)	($668)	($25,983)
5895200: Int Own Cr-DTE-NBr	($23,461)	($512)	($726)	($3,138)	($664)	($4,970)	($1,453)	($736)	($9,557)	($26,429)	($34,008)	($119,145)	($224,769)
A1000: OM&C Direct Labor									$590				$590
A3000: Non-Exmpt Direct Lbr									$103				$103
A3500: Exempt Direct Labor	$2,452	$2,615	$5,177	$3,179	$2,770	$3,361	$3,088	$2,670	$3,433	$3,933	$1,362	$1,998	$36,040
PH-20117: LPS Draft Tube Water Level Sensing Rpcmt													
5101700: NonStock Material				$79									$79
5201200: General Travel-Other			$197	$33									$230
5227000: Indirect Lbr Cr/Adj										$0			$0
5231300: OPEB Exp Capitalized	$3	$55	$21	$24	$3	$2							$109
5251000: PP Capitallo Pension	$22	$414	$162	$184	$24	$16							$822
5252000: PP Capitalz Oth Cost	$64	$1,201	$469	$533	$69	$47							$2,383
5253000: PP Capital A&G Labor	$17	$323	$126	$143	$19	$13							$640
5254000: PP Capital E&S Labor	$36	$926	$632	$376	$181	$224							$2,523
5254003: PP Capitalz Mtn E&S	$12	$289	$204	$121	$109	$73							$818
5503500: Other O/S Services		$2,505	$3,596		$2,785	$1,884				($0)			$10,770
5508000: Cntrct Cst-Other				$181									$181
5509000: Contract Cost- Labor		$445	$445	$593									$1,484
5895100: Int Own Cr-DTE-Lbr		($186)	($3,304)	($1,108)	($1,492)								($6,083)
5895200: Int Own Cr-DTE-NBr	$145	($79)	($3,169)	($2,998)	($1,347)	($1,723)	($1,165)						($10,137)
A1000: OM&C Direct Labor	$360	$6,275	$65	$2,235						($0)			$8,936
A3000: Non-Exmpt Direct Lbr			$244							($0)			$244
A3500: Exempt Direct Labor		$131	$1,832	$654						($0)			$2,617
C1010: Store Loading Labor				$2									$2
PH-20118: LPS Intake Battery Replacement													
5101700: NonStock Material	$244												$244
5201200: General Travel-Other				$33	$38	$150							$221
5231300: OPEB Exp Capitalized	$11	$3	$2	$5	$13	$9	$3	($0)	$1	$1			$48
5251000: PP Capitallo Pension	$83	$25	$12	$39	$95	$66	$25	($2)	$11	$7			$382
5252000: PP Capitalz Oth Cost	$241	$72	$34	$113	$276	$193	$72	($5)	$32	$19			$1,047
5253000: PP Capital A&G Labor	$65	$19	$9	$30	$74	$52	$23	($2)	$10	$6			$288
5254000: PP Capital E&S Labor	$416	$32	$67	$82	$221	$740	$148	($22)	$137	$82			$1,902
5254003: PP Capitalz Mtn E&S	$134	$10	$22	$26	$73	$243	$48	($7)	$56	$33			$638
5503500: Other O/S Services	$1,516					$5,463							$6,979
5509000: Contract Cost- Labor	$1,456	($91)	$546	$182	$364	$364	$1,001	($182)	$1,092	$546			$5,278
5895100: Int Own Cr-DTE-Lbr	($472)	($507)	($213)	($67)	($314)	($752)	($124)	($124)					($2,574)
5895200: Int Own Cr-DTE-NBr	$691	($2,098)	($39)	($140)	($257)	($583)	($1,738)	($650)	$107	($656)	($340)		($5,303)
A3500: Exempt Direct Labor	$978	$414	$129	$610	$1,458	$241	$241						$4,071
C1010: Store Loading Labor	$5												$5
PH-20119: LPS Oil Water Separator Replacement													
5231300: OPEB Exp Capitalized	$3	$0	($3)			$1	$1		$5				$7
5251000: PP Capitallo Pension	$19	$0	($20)			$8	$11		$36				$55
5252000: PP Capitalz Oth Cost	$55	$1	($57)			$24	$31		$103				$157
5253000: PP Capital A&G Labor	$15	$0	($15)			$6	$10		$33				$50
5254000: PP Capital E&S Labor	$266	$5	($271)			$112	$141		$443				$686
5254003: PP Capitalz Mtn E&S	$86	$2	($88)			$37	$46		$181				$264
5508000: Contract Cost- Labor	$2,691	$50	($2,742)			$945	$1,181		$3,544				$5,671
5895100: Int Own Cr-DTE-Lbr	$8,205												$8,205
5895200: Int Own Cr-DTE-NBr	$20,637	($1,537)	($29)	$1,565			($555)	($694)		($2,129)			$17,256
PH-20120: LPS Alt Unit Critical Vlve & Actu Rplc													
5231300: OPEB Exp Capitalized					$3	$11	$11	$11	$9	$13	$10	$7	$75
5251000: PP Capitallo Pension					$26	$81	$84	$88	$72	$100	$83	$65	$599
5252000: PP Capitalz Oth Cost					$75	$236	$238	$250	$206	$284	$237	$159	$1,684
5253000: PP Capital A&G Labor					$20	$63	$77	$81	$67	$92	$76	$51	$527
5254000: PP Capital E&S Labor					$49	$154	$162	$156	$133	$295	$441	$216	$1,605
5254003: PP Capitalz Mtn E&S					$16	$51	$53	$51	$54	$117	$175	$90	$607
5509000: Contract Cost- Labor							$132			$645	$2,106	$1,239	$4,121
5895100: Int Own Cr-DTE-Lbr						($223)	($705)	($668)	($712)	($579)	($713)	($445)	($4,045)
5895200: Int Own Cr-DTE-NBr						($102)	($325)	($402)	($486)	($295)	($796)	($2,100)	($4,567)
A1000: OM&C Direct Labor						$69							$69
A3500: Exempt Direct Labor					$409	$1,226	$1,226	$1,308	$1,063	$1,308	$817	$818	$8,175
PH-20123: LPS - ABB/Governor Air Compressors													
5101700: NonStock Material												$8,720	$8,720
5231300: OPEB Exp Capitalized									$130	$17	$73	$34	$254
5251000: PP Capitallo Pension									$1,032	$134	$583	$327	$2,076
5252000: PP Capitalz Oth Cost									$2,937	$381	$1,658	$808	$5,784
5253000: PP Capital A&G Labor									$949	$123	$536	$259	$1,866
5254000: PP Capital E&S Labor									$11,334	$294	$5,374	$1,622	$18,624
5254003: PP Capitalz Mtn E&S									$4,624	$117	$2,135	$674	$7,550
5503500: Other O/S Services									$88,503		$33,045		$121,548
5508000: Contract Cost- Labor									$129	$49		$3,312	$3,490
5895100: Int Own Cr-DTE-Lbr										($1,002)	($1,034)	($1,184)	($3,420)
5895200: Int Own Cr-DTE-NBr										($58,779)	($604)	($33,536)	($93,919)
A1000: OM&C Direct Labor											$1,392		$1,392
A3500: Exempt Direct Labor									$1,841	$1,899	$1,151	$3,395	$8,285
C1010: Store Loading Labor												$0	$0
PH-20853: LPS Minor Capital Projects													
5101500: Matl Stk Issues												($30)	($30)
5227000: Indirect Lbr Cr/Adj												($2,412)	($2,412)
5231300: OPEB Exp Capitalized					($1)		($16)	($14)	($2)			($16)	($49)
5251000: PP Capitallo Pension					($4)		($124)	($108)	($18)			($160)	($414)
5252000: PP Capitalz Oth Cost					($11)		($353)	($307)	($52)			($394)	($1,117)
5253000: PP Capital A&G Labor					($3)		($134)	($99)	($17)			($126)	($378)
5254000: PP Capital E&S Labor					($7)		($680)	($621)	($34)			($257)	($1,601)
5254003: PP Capitalz Mtn E&S					($2)		($223)	($205)	($34)			($107)	($569)
5380659: Lab PCS Chgbk-Ubr							($79)	($72)					($151)
5503500: Other O/S Services							($4,479)	($4,218)					($8,697)
A1000: OM&C Direct Labor					($56)		($1,053)	($963)	($268)				($2,338)
A3000: Non-Exmpt Direct Lbr					($6)		($43)						($49)
A3500: Exempt Direct Labor							($58)						($59)
PH-22019: Small Equipment 2019 - LPS													
5227000: Indirect Lbr Cr/Adj								$461					$461
5231300: OPEB Exp Capitalized								($2)		$0	($0)		($3)
5251000: PP Capitallo Pension								($19)		$2	($3)		($20)
5252000: PP Capitalz Oth Cost								($55)		$7	($10)		($58)
5253000: PP Capital A&G Labor								($18)		$2	($3)		($19)
5254000: PP Capital E&S Labor								($250)		$29	($4)		($226)
5254003: PP Capitalz Mtn E&S								($82)		$12	($3)		($73)
5503500: Other O/S Services								($2,089)		$195			($1,904)
A1000: OM&C Direct Labor								($461)			($50)		($510)
PH-22020: LPS Small Equipment 2020													
5101500: Matl Stk Issues										$14,000			$14,000
5231300: OPEB Exp Capitalized									($32)	$29			($3)
5251000: PP Capitallo Pension									($252)	$227			($25)
5252000: PP Capitalz Oth Cost									($717)	$647			($70)
5253000: PP Capital A&G Labor									($232)	$209			($23)
5254000: PP Capital E&S Labor									($594)	$2,234			$1,640
5254003: PP Capitalz Mtn E&S									($242)	$888			$646
5503500: Other O/S Services									($1,245)				($1,245)
5895100: Int Own Cr-DTE-Lbr											($391)		($391)
5895200: Int Own Cr-DTE-NBr											($8,935)		($8,935)
A1000: OM&C Direct Labor									($3,498)	$528			($2,970)
A3000: Non-Exmpt Direct Lbr									($10)				($10)
C1010: Store Loading Labor										$270			$270

CAP: 2024 Actual Result Review - Supplemental	Jan - 2024	Feb - 2024	Mar - 2024	Apr - 2024	May - 2024	Jun - 2024	Jul - 2024	Aug - 2024	Sep - 2024	Oct - 2024	Nov - 2024	Dec - 2024	2024
	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals	ACT: Actuals
MICHIGAN PUBLIC SERVICE COMMISSION													
Consumers Energy Company													
Generation Capital Summary													
2024 Project Actual Capital Expenditures													
PH-22021: Small Equipment 2021 - LPS													
5101700: NonStock Material	$148												$148
5231300: OPEB Exp Capitalized	$2							($5)			($4)		($6)
5251000: PP Capitalz Pension	$18							($42)			($28)		($52)
5252000: PP Capitalz Oth Cost	$52							($118)			($79)		($146)
5253000: PP Capital A&G Labor	$14							($38)			($24)		($50)
5254000: PP Capital E&S Labor	$246							($74)			($60)		$112
5254003: PP Capitalz Mkt E&S	$80							($24)			($24)		$32
5503500: Other O/S Services	$2,335												$2,335
5895100: Int Own Cr-DTE-Lbr	($2,038)	($1)											($2,040)
5895200: Int Own Cr-DTE-Nlbr	$1,478	($1,418)											$60
A1000: OM&C Direct Labor								($620)			($397)		($1,017)
C1010: Store Loading Labor	$3												$3
PH-22022: LPS Small Equipment 2022													
5101700: NonStock Material	($0)		$80										$80
5231300: OPEB Exp Capitalized			$34	$3				$3	$37		$13		$90
5251000: PP Capitalz Pension			$254	$25				$23	$295		$99		$697
5252000: PP Capitalz Oth Cost			$737	$72				$66	$839		$282		$1,997
5253000: PP Capital A&G Labor			$198	$19				$21	$271		$91		$601
5254000: PP Capital E&S Labor			$417	$146				$109	$1,612		$1,225		$5,709
5254003: PP Capitalz Mkt E&S			$135	$112				$36	$1,474		$487		$2,243
5503500: Other O/S Services				$3,499				$495	$27,777		$8,114		$39,885
5509000: Contract Cost- Labor								$164	$1,138				$1,382
5895100: Int Own Cr-DTE-Lbr				($2,025)					($139)				($2,164)
5895200: Int Own Cr-DTE-Nlbr	($18)			($909)	($1,998)				($489)	($19,211)		($5,614)	($28,239)
A1000: OM&C Direct Labor			$4,131					$255					$4,387
C1010: Store Loading Labor			$2										$2
PH-22023: LPS Small Equipment 2023													
5100000: Operating Exp	$23,450		($163)										$23,287
5101500: Matl Stk Issues				$3,802	$4,822	$156							$8,780
5101700: NonStock Material	$21,474	$2,698	$18,944	$3,442	($0)	($0)				$1,114		$74	$47,746
5101750: N-Stk Mtl Nonstorerm					$170								$170
5231300: OPEB Exp Capitalized	$52		$3	$97	$62	$22					$110		$346
5251000: PP Capitalz Pension	$390		$23	$733	$465	$169					$871		$2,651
5252000: PP Capitalz Oth Cost	$1,130		$67	$2,125	$1,348	$490					$2,477		$7,637
5253000: PP Capital A&G Labor	$304		$18	$571	$362	$132					$800		$2,187
5254000: PP Capital E&S Labor	$62		$279	$1,757	$1,393	$336							$3,828
5254003: PP Capitalz Mkt E&S	$20		$90	$568	$457	$110							$1,245
5503500: Other O/S Services	($10,652)								$11,207				$554
5890000: Oth Non3er Exp	$628												$628
5895100: Int Own Cr-DTE-Lbr	($152)	($3,478)		($26)	($5,583)	($3,462)	($1,377)				$218	($7,355)	($21,220)
5895200: Int Own Cr-DTE-Nlbr	$2,002	($18,080)	($1,322)	($9,438)	($6,464)	($4,527)	($726)			($5,491)	$203	($2,086)	($45,909)
A1000: OM&C Direct Labor	$7,098			$11,049	$6,623	$2,667					$15,011		$42,448
C1010: Store Loading Labor			$53	$127	$93	$3							$276
PH-22024: LPS Site Small Capital 2024													
5100000: Operating Exp												$51,714	$51,714
5101500: Matl Stk Issues							$55		$7,527				$7,582
5101700: NonStock Material			$15,332	$33,058	$16,033	$15,995	$7,646	$26,755	$11,986	$27,676	$7,484	$14,212	$176,176
5101750: N-Stk Mtl Nonstorerm		$7,770	$118		$2,330	$257	$1,670	$8	$2,007	$804	$4,704	$4,532	$24,201
5201200: General Travel-Other										$131			$131
5227000: Indirect Lbr Cr/Adj										$4,784			$4,784
5231300: OPEB Exp Capitalized			$3	$284	$58	($169)	$57	$0	$163	$94	$25	$73	$588
5251000: PP Capitalz Pension			$25	$2,140	$484	($1,273)	$452	$0	$1,297	$750	$202	$703	$4,729
5252000: PP Capitalz Oth Cost			$72	$6,202	$1,259	($3,691)	$1,287	$0	$3,689	$2,132	$575	$1,737	$13,262
5253000: PP Capital A&G Labor			$19	$1,667	$338	($992)	$416	$0	$1,192	$689	$186	$556	$4,971
5254000: PP Capital E&S Labor			$51	$6,331	$2,709	($643)	$1,296	$1	$4,816	$5,457	$1,632	$8,030	$29,468
5254003: PP Capitalz Mkt E&S			$16	$2,046	$888	($276)	$425	$0	$1,965	$2,168	$648	$3,332	$11,213
5380659: Lab PCS Chgbk-Lbr						$111							$111
5380659: Lab PCS Chgbk-Nlbr						$39							$39
5503500: Other O/S Services							$3,085		$3,215	$3,215		$14,335	$23,850
5895100: Int Own Cr-DTE-Lbr				($192)	($15,017)	($1,116)	$10,938	($3,358)		($8,461)	($2,594)	($652)	($20,254)
5895200: Int Own Cr-DTE-Nlbr			($3,807)	($7,662)	($14,094)	($9,936)	($4,435)	($19,409)	($5)	($17,040)	($19,125)	($45,723)	($141,237)
A1000: OM&C Direct Labor			$392	$30,389	$4,091	($22,732)	$6,079		$15,232		$1,132	$887	$35,470
C1010: Store Loading Labor				$635	$309	$289	$1		$142	$515	$73	$0	$2,164
CAP - Admin Section													
CAP - JHCampbell Site Commons													
PT-02669: JHC Site SEEG WW Treatment & Closed Loop													
5895400: Int Own Cr-MPPA-Lbr										$2,630			$2,630
5895500: Int Own Cr-MPPA-Nlbr										$17,439			$17,439
5895600: Int Own Cr-Wolv-Lbr										$1,035			$1,035
5895700: Int Own Cr-Wolv-Nlbr										$6,867			$6,867
PT-02905: JHC Wastewater Treatment System													
5200800: Lodging											$143		$143
5201200: General Travel-Other							$5,000				$199		$5,199
5231300: OPEB Exp Capitalized	$53	$64	$40	$57	$85	$20	$66	$61	$124	$85	$65	$62	$802
5251000: PP Capitalz Pension	$399	$483	$302	$431	$639	$150	$528	$486	$984	$672	$674	$604	$6,352
5252000: PP Capitalz Oth Cost	$1,157	$1,401	$876	$1,249	$1,854	$435	$1,502	$1,381	$2,800	$1,912	$1,917	$1,492	$17,975
5253000: PP Capital A&G Labor	$311	$377	$235	$336	$498	$117	$485	$446	$905	$618	$619	$478	$5,424
5254000: PP Capital E&S Labor	$5,405	$6,410	$4,007	$5,947	$8,453	$1,107	$5,376	$5,301	$9,483	$5,587	$6,675	$5,962	$69,962
5254003: PP Capitalz Mkt E&S	$1,747	$2,078	$1,295	$1,922	$2,770	$363	$1,828	$1,737	$3,869	$2,220	$2,652	$2,489	$24,971
5503500: Other O/S Services	$54,398	$64,551	$40,209	$60,000	$70,481	$8,016	$37,965	$43,213	$72,244	$33,224	$41,570	$54,955	$580,824
5770000: Insurance Other							$2,200						$2,200
5895400: Int Own Cr-MPPA-Lbr	($9)	($5)	($11)	($7)	($2)	($17)	($35)	($46)	($36)	($99)	($103)	($80)	($452)
5895500: Int Own Cr-MPPA-Nlbr	($3,267)	($1,737)	($2,063)	($1,285)	($1,914)	($2,317)	($279)	($1,509)	($1,440)	($2,474)	($1,213)	($1,475)	($20,971)
5895600: Int Own Cr-Wolv-Lbr	($4)	($2)	($4)	($3)	($1)	($7)	($14)	($18)	($14)	($39)	($41)	($31)	($178)
5895700: Int Own Cr-Wolv-Nlbr	($1,286)	($684)	($812)	($506)	($753)	($912)	($110)	($594)	($567)	($974)	($477)	($581)	($8,257)
A3500: Exempt Direct Labor	$197	$394	$262	$66	$553	$1,290	$1,697	$1,333	$3,639	$3,778	$2,292	$2,031	$17,512
CAP - Weadock													
PT-01460: ZW 7&8 RCRA													
5101500: Matl Stk Issues	$5,823						$1,637		$19,187	$2,937			$29,584
5101700: NonStock Material				$107,524		$665		$803,652		$40,817		$17,017	$969,674
5101750: N-Stk Mtl Nonstorerm				$19,340									$19,340
5231300: OPEB Exp Capitalized	$17		$2	$327	$11	$2	$5	$3,402	$241	$422	$250	$27	$4,707
5250000: PP Capitalz AFUDC							$6,069	$4,046	$7,143	$7,837	$4,236		$29,331
5251000: PP Capitalz Pension	$131		$16	$2,467	$87	$13	$38	$27,033	$1,916	$3,355	$1,984	$261	$37,301
5252000: PP Capitalz Oth Cost	$379		$47	$7,151	$251	$38	$109	$76,903	$5,451	$9,545	$5,645	$744	$106,163
5253000: PP Capital A&G Labor	$102		$13	$1,922	$67	$10	$35	$24,842	$1,761	$3,083	$1,824	$206	$33,865
5254000: PP Capital E&S Labor	$2,007		$299	$40,055	$1,010	$212	$589	$437,951	$32,230	$55,881	$34,212	$4,027	$608,453
5503500: Other O/S Services	$0			$2,621	$187			$629,073	$84,746	$171,092	$132,863		$1,020,583
5509000: Contract Cost- Labor			$972	($826)	$187	($187)			$248	($248)			$146
A3500: Exempt Direct Labor					$586								$586
C1030: MOC Labor	$195			$2,688		$15	$29	$14,064	$336	$984		$255	$18,566
C1040: MOC Non Labor	$64			$1,613		$8	$11	$5,626	$163	$219		$0	$7,704
C1050: CSC labor	$195			$2,688		$15	$29	$14,064	$336	$984		$255	$18,566
C1060: CSC Non Labor	$64			$1,613		$8	$11	$5,626	$163	$219		$0	$7,704
C5075: El Indirect Mat Lbr	$9						$13		$154	$1			$177
C5080: El Indirect Mat Nlb	$166						$249		$2,916	$28			$3,359
Subtotal Capital	**3,745,945**	**4,539,151**	**13,182,469**	**14,895,012**	**9,107,270**	**4,582,543**	**7,852,956**	**10,306,179**	**11,046,532**	**16,838,598**	**10,240,503**	**38,924,370**	**145,251,529**

Case No. U-21585
WP-RTB-18
Page 24 of 24

Question:

Request 27:

Referring to Attachment 142 at page 1, line 1:

a. Please provide all workpapers that support the $20.619 million of test year spending for this new 138kV dedicated substation.
b. Please provide a detailed narrative explaining the status of this project, including investment made to date.
c. Is this project included in the $14.1 billion of distribution plant in service shown in WPEAD-67?
d. Please explain if the customer to be served by this new substation is included in the test year billing determinants used for rate design.

Response:

a. See Attachment 1 to this response. This attachment also contains supporting information regarding the project being inquired about in discovery request 21870-AB-CE-0696.
b. This project was just recently cancelled in July of 2025. The Company is in the process of cancelling the work orders. The cancellation activities, including evaluating equipment and other work completed for salvage/re-purpose, and removing charges from the work orders and sub-program is ongoing with the intention that those investments will be netted out in the future via salvage/re-purpose of equipment and/or transfer to O&M expense. Through August 2025, $10,170,475 has been spent on this project since its inception.
c. This project is partially included in distribution plant in service ($14.1B) and distribution CWIP.
d. No, this customer/project was not included in the test year billing determinants used for rate design.

Witness: Megan L. Hayward
Date: September 22, 2025

Question:

Request 32:

For the past three years (2022-2024) please provide the following data for each outage:

a. Outage Cause (wildlife, equipment failure, weather related, etc.);

b. Outage Location;

c. Voltage Level at Location of Fault;

d. Outage Duration; and

e. Number of Customers Impact.

Response:

Please refer to Attachment 1 to this response for the requested data. The information on the first tab is excluding Major Event Days, while the information on the second tab is including Major Event Days.

Witness: Michael P. Kelly
Date: September 22, 2025

CONSUMERS ENERGY COMPANY
MICHIGAN PUBLIC SERVICE COMMISSION

Case No. U-21870

Response of: Consumers Energy Company to the Second Set of Data Requests of Requesting Party: Association of Businesses Advocating Tariff Equity

The Attachment

U21870-AB-CE-0700_Kelly_ATT_1.xlsx

HAS BEEN EXCLUDED FROM THIS EXHIBIT DUE TO LENGTH / SIZE CONSTRAINTS

Question:

Request 34:

Please refer to the Direct Testimony of Michael Kelly, pages 60-65, and provide the following information regarding the Company's proposed undergrounding.

a. On page 60, Mr. Kelly states that the Company "was not able to convert some of these circuits to underground during the test year due to an inability to secure easements." Please provide further information as to why the Company was unable to secure easements, along with documents and information regarding any disputes with property owners.

b. For the undergrounding projects approved in Case No. U-21389, provide the number of avoided outages and customers impacted as a result of the undergrounding that has been realized since the projects went in-service. Explain how this compares to the Company's projections of avoided outages or reliability improvements.

c. At each location where the Company is proposing to perform 50 miles of undergrounding, provide the following information for the past five years (2020-2024):

1. Number of outages; and

2. Outage cause.

Response:

a. The Company had challenges with easements on four of the undergrounding projects that were originally approved in Case No. U-21389, as follows:
    - Blue Star-Pier Cove LCP 622: A group of landowners in this area opposed the project as designed, requiring significant design changes and leading the Company to defer the project beyond the period covered by Case No. U-21389. All easements have since been acquired for this project to move forward.
    - Dean Road-Hogan LCP 951: Multiple landowners had concerns with the initially proposed alignment for this project, but the Company has redesigned the project to use the road right of way instead. All easements have since been acquired for this project to move forward.
    - Peck Road/M-91 LCP 473: This is an unusually complex project in terms of the number of easements required, and the Company's easement acquisition process has taken longer than expected. The design for this project took longer than expected which delayed starting easement acquisition.
    - Merson-Merson LCP 412: This project involved landowners requesting a number of changes, such as working around septic systems and drain fields. The Company anticipates acquiring these remaining easements in September 2025.
b. Since the undergrounding projects approved in Case No. U-21389 have gone into service, none of the undergrounded portions have experienced any unplanned outages. Please also refer to discovery response 21870-ST-CE-0205. In my direct testimony in Case No. U-21389, in which the

underground pilot was proposed, I stated that the Company expected to see reliability improvements of 90% or better[1]. The realized reliability improvements to date are effectively 100%.

c. Please refer to Attachment 1 to this response.

Witness: Michael P. Kelly
Date: September 22, 2025

[1] Refer to page 38, line 3, of my direct testimony in Case No. U-21389.

Question:

Request 46:

Referring to the Direct Testimony of Scott McPhail. Regarding the Peer-to-Peer Automation Scheme Project:

a. Please identify the specific vendor and explain what this investment consists of (i.e., software/equipment and the names and specifications of such software/equipment). Please also provide the evaluation criteria for vendor selection.

b. As the proposed investment of $1.165M is only for the initial implementation of this technology of one initial scheme, what does the Company expect that it will spend on this technology for system wide implementation?

c. Please provide information to prove that this technology has been adopted by other utilities with proven success in minimizing outage impacts by optimally automatically restoring customers.

d. For the assumed 200 CAIDI average duration value within the SAIDI benefit per regular ATR loop of Exhibit SAM-7, please document how the value of 200 was derived and why that is appropriate.

e. What is the benefit cost ratio of the proposed initial investment, and what is the benefit cost ratio for the full investment at scale across the system?

Response:

a) At this stage of the project, two vendors have been chosen for continued simulation testing in a lab environment: G&W LaZer and Eaton FAM. Both automation solutions will utilize the existing specification for ATRs (the G&W Viper with SEL 651R controller) as the devices to execute the physical switching as is done today with ATR Loops. These vendors were chosen via a formal request for proposal event and the evaluation team used the following criteria categories during their ranking exercise: Meets core functionality requirements, model/software robustness flexibility maintenance and ability to modify schemes, operational performance and programming, maintenance and engineering functions, IT/OT functionality and support, and previous experience or references provided.

b) Once fully operational, the Company plans to incorporate this technology into the existing ATR program discussed by Company Witness Partlin. This is a natural evolution to more complex loops schemes as opposed to the one-to-one loop schemes completed today under the ATR program. Future ATR funding is anticipated to be used to support a system-wide deployment. The Company has not determined at this time what a system-wide deployment cost would be. Once testing is completed between the two vendors mentioned in part (a), a more definite cost estimate for system wide deployment would be available.

c) Alabama Power has implemented the use of peer-to-peer communication feeders in their service territory, and National Grid is known to have utilized the technology as well. This

information was secured through SME attendance at industry conferences and benchmarking conversations with the peer utilities.

d) Using a CAIDI (average duration of all system outages) of 200 minutes derived from CAIDI excluding MEDs reported to the MPSC. The Company took the average of the last 5 years, which equals 191, and estimated up to 200 CAIDI as this was assumed to be a conservative estimate of what outage duration might be encountered into the future. If the 5-year average of 191 CAIDI were used in the analysis, the avoided CMI benefit would drop by 4% resulting in 176,426,318 mins versus the 184,739,600 shown in Exhibit A-148.

e) Investments in the electric grid are not solely made for economic reasons but to improve service to customers through better reliability. A reduced Customer Minute Interruption (CMI) was calculated in the analysis as Exhibit A-148 (SAM-7) resulting in improved reliability for customers as opposed to a benefit cost ratio.

Witness: Scott A. Mcphail
Date: September 22, 2025

Question:

Request 47:

Referring to the Direct Testimony of Scott McPhail. Regarding the Metro Modernization project:

a. Outside of this project please explain how and how often Metro vaults are routinely inspected to assess their switching and communication equipment for potential repairs or replacement in meeting Company standards.

b. Does the Company routinely investigate and evaluate new technologies, such as underground sensors, remote switching capability, and communications among Company equipment? If not, please explain why not.

c. As this project will target one to two vaults to upgrade initially at a cost of $955k, what is the expected benefit cost ratio of this initial cost? Also, what is the expected benefit cost ratio of the full system-wide deployment of these technologies?

Response:

a. Maintenance of the metro system is explained in Figure 78 of Exhibit A-129 (MPK-19). There is currently no communicating equipment in metro vaults.

b. Yes. Grid Automation is the department in which new and advanced use cases involving increased sensing, data monitoring, and control capabilities are considered. The intent of the Metro Modernization project is to evaluate new technologies, such as underground sensors, remote switching capability, and communications. This overall initiative will determine which technologies meet the needs of the Company and integrate them into future designs.

c. Investments in the electric grid are not made solely for economic reasons but to improve service to customers through better reliability and in this case, reduce exposure of co-workers resulting in safer operations. The Company has not performed the requested cost benefit analysis. The Company has provided both the reduction in Customer Minute Interruption (CMI) which results in improved reliability for customers, as shown in Exhibit A-151 (SAM-10), and the reduction in safety risks for co-workers.

Witness: Scott A. Mcphail
Date: September 22, 2025

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

		Price to Earnings (P/E) Ratio [1]												
		24-Year							3-Year Averages					
Line	Company	Average	2025 [2]	2024	2023	2022	2021	2020	2017-2019	2014-2016	2011-2013	2008-2010	2005-2007	2002-2004
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	ALLETE	18.09	16.40	17.30	16.80	18.10	20.60	18.30	23.30	16.97	16.40	15.33	16.42	25.21
2	Alliant Energy	17.20	20.40	19.00	16.40	21.40	21.20	21.20	20.30	19.00	14.77	13.27	14.84	15.54
3	Ameren Corp.	17.00	20.40	19.50	15.50	21.50	21.40	22.20	20.33	17.50	13.93	11.07	17.83	15.19
4	American Electric Power	15.47	19.30	17.40	15.90	21.10	17.10	19.60	19.57	15.63	13.40	12.17	14.30	11.92
5	Avangrid, Inc.	23.69	N/A	N/A	16.30	19.60	23.20	23.60	25.50	27.00	N/A	N/A	N/A	N/A
6	Avista Corp.	18.08	14.70	16.20	14.60	20.00	20.20	21.20	20.97	17.90	16.00	13.03	21.91	19.18
7	Black Hills	17.29	13.80	13.90	14.20	18.10	17.70	17.00	19.17	19.13	22.13	14.00	16.01	15.20
8	CenterPoint Energy	17.29	21.50	22.10	20.40	18.70	26.10	15.90	24.80	19.00	16.03	12.30	14.77	9.83
9	CMS Energy Corp.	18.45	19.80	19.30	18.60	22.90	23.60	23.30	21.97	18.83	15.00	12.33	20.53	12.39
10	Consol. Edison	16.33	17.60	19.70	17.70	20.30	17.20	19.00	18.87	16.77	15.07	12.70	14.80	15.26
11	Dominion Resources	18.20	17.50	15.80	18.30	18.70	19.50	22.60	19.30	22.13	18.47	13.60	20.49	14.12
12	DTE Energy	16.93	19.70	18.90	16.90	22.40	30.00	16.30	18.63	17.33	15.43	12.50	16.51	13.67
13	Duke Energy	17.35	18.40	19.00	16.50	19.60	18.90	17.10	18.20	19.13	16.23	14.43	16.10	N/A
14	Edison Int'l	16.39	8.40	9.70	14.30	40.60	29.70	34.90	16.95	15.23	11.40	10.80	13.58	17.45
15	El Paso Electric	17.68	N/A	N/A	N/A	N/A	N/A	N/A	24.32	17.79	14.32	11.14	19.63	21.10
16	Entergy Corp.	15.16	21.90	24.40	20.60	21.10	15.00	15.30	15.10	12.10	11.17	13.40	16.62	13.46
17	Eversource Energy	17.82	13.40	12.40	13.10	20.90	22.20	23.70	20.10	18.23	17.40	13.03	21.84	16.73
18	Evergy, Inc.	18.79	17.00	16.20	14.80	19.90	16.20	21.70	22.25	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	14.58	16.10	17.50	15.40	19.90	16.60	12.40	13.80	13.70	14.60	13.50	16.70	11.74
20	FirstEnergy Corp.	15.30	16.30	16.80	14.40	17.00	14.10	15.70	14.03	12.83	18.87	13.43	15.30	16.52
21	Fortis Inc.	19.33	20.50	19.50	17.00	21.10	21.20	20.60	17.70	21.30	19.63	17.37	19.39	N/A
22	Great Plains Energy	15.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.94	15.28	16.23	16.20	11.97
23	Hawaiian Elec.	17.10	11.30	11.20	6.00	18.50	18.20	21.50	20.30	16.63	16.37	20.53	19.30	15.47
24	Hydro One Limited [3]	19.10	23.10	25.20	20.50	19.60	18.70	9.20	19.25	18.10	N/A	N/A	N/A	N/A
25	IDACORP, Inc.	17.37	20.10	19.60	18.10	21.00	20.80	19.90	21.13	16.67	12.43	11.97	16.66	20.29
26	MGE Energy	20.43	23.60	24.70	21.10	24.70	25.50	26.40	27.63	20.80	16.67	14.77	17.76	17.16
27	NextEra Energy, Inc.	18.73	19.00	17.90	19.80	27.80	31.30	28.90	24.40	18.30	14.17	12.90	16.81	15.05
28	NorthWestern Corp	16.77	14.60	16.00	13.70	17.30	17.40	18.60	18.17	17.27	15.07	12.77	21.58	N/A
29	OGE Energy	15.73	19.70	19.20	17.00	17.20	14.30	16.20	17.93	17.90	15.77	12.17	14.14	13.36
30	Otter Tail Corp.	19.97	13.20	12.30	14.30	9.50	12.30	18.30	22.60	19.07	30.10	30.65	17.25	17.04
31	Pinnacle West Capital	16.12	18.80	18.70	15.80	17.10	14.10	16.70	18.83	16.87	14.73	14.13	15.94	14.73
32	TXNM Energy	18.34	20.10	17.80	14.20	17.40	19.90	19.60	20.67	19.93	15.20	16.05	22.85	14.94
33	Portland General	16.36	12.60	13.70	14.30	18.20	17.70	16.60	20.23	17.37	14.43	14.23	17.63	N/A
34	PPL Corp.	16.56	20.40	19.70	16.20	20.00	54.10	13.90	14.07	13.60	11.40	18.40	15.51	11.39
35	Public Serv. Enterprise	15.04	21.40	20.20	18.80	18.50	16.80	15.70	16.97	14.00	12.23	11.33	17.02	11.61
36	SCANA Corp.	13.96	N/A	N/A	N/A	N/A	N/A	N/A	14.46	15.05	14.30	12.41	14.94	12.93
37	Sempra Energy	15.47	16.30	13.00	15.00	16.80	15.40	17.50	22.40	22.00	15.47	11.50	12.43	8.60
38	Southern Co.	16.73	22.30	21.10	18.60	19.60	18.40	17.90	16.07	16.53	16.33	14.83	16.04	14.72
39	Vectren Corp.	17.05	N/A	N/A	N/A	N/A	N/A	N/A	23.54	19.03	17.17	14.93	16.45	15.51
40	WEC Energy Group	17.71	21.10	20.30	16.50	21.90	22.30	24.90	21.03	19.63	15.50	14.03	15.64	13.47
41	Westar Energy	15.58	N/A	N/A	N/A	N/A	N/A	N/A	23.40	18.47	14.08	14.96	13.69	14.08
42	Xcel Energy Inc.	17.88	17.90	18.10	15.30	22.20	22.50	23.90	20.47	16.80	14.67	13.50	15.62	22.02
43	Average	17.10	18.02	17.87	16.29	20.28	20.85	19.66	19.97	17.79	15.68	14.15	16.95	15.11
44	Median	16.31	18.90	18.40	16.30	19.90	19.50	19.00	20.23	17.90	15.20	13.43	16.45	14.94

Sources:
The current year P/E ratio is based on the forward P/E (price over expected earnings per share). All historical year P/E ratios are based on annual average share price over achieved earnings per share.

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

		Market Price to Cash Flow (MP/CF) Ratio [1]												
		24-Year							3-Year Averages					
Line	Company	Average	2025 [2]	2024	2023	2022	2021	2020	2017-2019	2014-2016	2011-2013	2008-2010	2005-2007	2002-2004
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	ALLETE	9.06	7.68	8.03	6.69	7.56	8.61	8.14	10.83	8.19	8.41	8.61	10.97	11.46
2	Alliant Energy	8.41	10.55	9.74	9.43	10.43	10.31	10.66	11.22	9.31	7.41	6.77	7.01	5.16
3	Ameren Corp.	7.47	8.52	7.76	8.05	9.54	9.03	9.63	8.59	7.09	5.70	4.94	8.28	7.65
4	American Electric Power	6.83	8.41	7.70	7.68	8.67	7.57	8.41	8.72	7.22	5.99	5.32	6.15	5.13
5	Avangrid, Inc.	9.53	N/A	N/A	7.12	8.69	11.19	9.39	9.83	9.93	N/A	N/A	N/A	N/A
6	Avista Corp.	6.91	6.18	6.34	6.73	9.39	8.03	7.80	8.94	7.23	6.50	4.99	6.49	6.28
7	Black Hills	7.89	7.55	7.58	7.76	8.92	8.84	8.56	9.56	8.73	7.30	7.22	7.37	6.50
8	CenterPoint Energy	5.79	8.64	7.75	7.75	8.01	7.95	5.94	7.48	5.99	5.70	4.35	4.60	2.83
9	CMS Energy Corp.	6.67	8.16	8.53	8.28	9.43	9.27	9.87	9.00	7.72	6.04	3.85	4.67	3.04
10	Consol. Edison	8.25	8.50	8.34	8.26	8.70	7.26	8.35	9.28	8.42	8.08	7.00	8.52	8.28
11	Dominion Resources	9.79	8.12	9.08	9.24	9.35	11.15	14.59	11.92	11.90	10.08	7.79	8.85	7.24
12	DTE Energy	6.86	8.10	7.72	7.27	7.96	10.62	7.85	9.09	7.86	5.92	4.39	5.49	5.61
13	Duke Energy	7.61	7.68	7.47	7.17	7.75	7.89	8.06	7.82	8.21	8.07	6.37	7.16	N/A
14	Edison Int'l	5.96	4.56	6.04	5.67	6.83	7.14	7.57	9.25	6.12	4.76	4.56	6.16	4.21
15	El Paso Electric	5.93	N/A	N/A	N/A	N/A	N/A	N/A	8.99	6.75	5.71	4.41	6.45	4.31
16	Entergy Corp.	5.95	8.66	7.85	4.62	7.15	5.61	5.78	5.21	4.11	4.06	6.10	8.38	6.51
17	Eversource Energy	7.56	6.55	6.51	10.39	9.39	11.41	12.53	10.33	10.13	8.12	4.57	5.25	3.13
18	Evergy, Inc.	7.44	7.82	6.57	6.74	8.66	7.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	6.08	6.60	6.06	6.41	7.69	5.08	4.44	4.93	4.86	5.34	6.91	8.82	5.66
20	FirstEnergy Corp.	6.95	7.66	7.47	7.90	8.93	6.60	9.23	8.23	5.98	6.97	5.66	7.15	5.72
21	Fortis Inc.	8.46	8.78	8.09	8.34	9.10	9.57	9.50	8.56	9.00	8.13	7.25	8.54	N/A
22	Great Plains Energy	6.89	N/A	N/A	N/A	N/A	N/A	N/A	14.62	7.25	5.85	5.75	7.17	5.86
23	Hawaiian Elec.	7.54	3.72	2.16	5.70	7.95	8.23	8.69	8.95	8.11	7.98	7.95	8.24	6.92
24	Hydro One Limited3	11.96	15.09	15.81	14.82	14.51	13.75	7.31	11.10	8.51	N/A	N/A	N/A	N/A
25	IDACORP, Inc.	9.14	11.05	10.78	11.04	12.42	11.84	11.38	12.01	9.64	7.16	6.31	7.83	7.31
26	MGE Energy	11.83	13.22	13.62	12.31	13.63	N/A	14.90	15.98	13.20	10.48	8.62	10.08	9.78
27	NextEra Energy, Inc.	9.35	10.70	11.24	10.89	15.17	20.40	15.48	11.57	8.38	7.05	6.26	7.42	6.15
28	NorthWestern Corp	7.86	7.53	7.33	8.01	8.65	8.83	8.88	8.98	8.88	6.78	5.47	8.39	8.13
29	OGE Energy	7.97	8.54	8.14	7.78	8.36	7.64	8.38	10.16	9.64	8.25	6.14	7.37	5.91
30	Otter Tail Corp.	9.24	8.97	8.91	8.02	7.70	8.61	9.99	11.70	9.29	9.02	9.24	8.79	8.49
31	Pinnacle West Capital	6.23	6.93	6.11	6.47	5.19	6.19	7.49	8.04	7.28	6.33	4.56	5.57	5.30
32	TXNM Energy	6.87	7.10	6.06	6.87	6.95	7.81	7.87	7.63	7.36	5.74	5.40	8.60	6.03
33	Portland General	5.96	5.24	5.90	6.56	6.65	6.48	6.72	7.22	6.45	5.33	4.52	5.54	N/A
34	PPL Corp.	7.99	9.22	9.95	7.83	8.82	13.74	7.46	8.37	8.14	6.14	8.48	8.02	5.73
35	Public Serv. Enterprise	8.27	11.84	11.78	9.68	10.53	11.32	8.22	8.96	7.24	6.28	6.90	8.95	6.73
36	SCANA Corp.	7.09	N/A	N/A	N/A	N/A	N/A	N/A	8.26	8.48	7.21	6.26	6.53	6.60
37	Sempra Energy	8.53	8.96	9.76	8.93	9.75	13.23	10.40	10.93	10.55	7.59	6.56	7.60	4.67
38	Southern Co.	8.43	10.41	9.59	8.64	9.63	8.72	8.34	7.78	8.49	8.42	7.68	8.50	8.13
39	Vectren Corp.	7.08	N/A	N/A	N/A	N/A	N/A	N/A	10.32	8.00	6.14	5.91	6.99	7.28
40	WEC Energy Group	9.28	10.04	9.53	10.12	11.81	11.99	13.67	11.58	11.37	9.08	7.53	7.17	5.15
41	Westar Energy	6.91	N/A	N/A	N/A	N/A	N/A	N/A	10.87	9.28	6.87	5.97	6.56	4.57
42	Xcel Energy Inc.	7.07	7.45	7.13	7.96	8.62	9.19	10.07	8.61	7.68	6.78	5.80	5.89	5.01
43	Average	7.73	8.47	8.29	8.19	9.15	9.40	9.21	9.55	8.24	6.99	6.22	7.37	6.18
44	Median	7.69	8.29	7.80	7.90	8.70	8.78	8.48	9.00	8.19	6.87	6.14	7.37	5.97

Sources:
The current year P/E ratio is based on the forward P/E (price over expected earnings per share). All historical year P/E ratios are based on annual average share price over achieved earnings per share.

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Note:
[a] Based on the average of the high and low price and the projected Cash Flow per share.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Market Price to Book Value (MP/BV) Ratio [1] 21-Year Average	2025 [2]	2024	2023	2022	2021	2020	3-Year Averages 2017-2019	2014-2016	2011-2013	2008-2010	2005-2007
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	ALLETE	1.52	1.24	1.19	1.19	1.24	1.43	1.39	1.83	1.44	1.40	1.33	2.07
2	Alliant Energy	1.84	2.14	2.03	1.92	2.25	2.26	2.30	2.29	1.96	1.58	1.23	1.51
3	Ameren Corp.	1.63	2.08	1.90	2.00	2.15	2.13	2.21	2.04	1.53	1.12	0.95	1.64
4	American Electric Power	1.66	1.96	1.78	1.73	1.99	1.87	2.09	1.97	1.64	1.31	1.27	1.66
5	Avangrid, Inc.	0.90	N/A	N/A	0.71	0.89	1.01	0.97	0.99	0.78	N/A	N/A	N/A
6	Avista Corp.	1.31	1.13	1.11	1.19	1.33	1.42	1.37	1.72	1.42	1.22	1.04	1.24
7	Black Hills	1.47	1.14	1.15	1.28	1.54	1.52	1.55	1.87	1.77	1.32	1.04	1.56
8	CenterPoint Energy	2.24	1.96	1.78	1.86	1.99	1.74	1.90	2.33	2.48	2.05	2.07	2.98
9	CMS Energy Corp.	2.20	2.50	2.38	2.33	2.71	2.69	3.24	3.01	2.47	1.88	1.27	1.52
10	Consol. Edison	1.43	1.51	1.53	1.48	1.55	1.34	1.44	1.57	1.45	1.41	1.15	1.49
11	Dominion Resources	2.46	1.69	1.71	1.68	2.34	2.37	2.72	2.51	3.35	2.73	2.08	2.42
12	DTE Energy	1.70	2.21	2.10	1.97	2.41	2.82	1.80	1.99	1.70	1.35	1.05	1.35
13	Duke Energy	1.33	1.76	1.67	1.49	1.63	1.58	1.47	1.40	1.31	1.14	0.99	1.15
14	Edison Int'l	1.72	1.65	2.10	1.86	2.08	1.67	1.62	1.98	1.78	1.45	1.22	1.93
15	El Paso Electric	1.56	N/A	N/A	N/A	N/A	N/A	N/A	1.91	1.56	1.57	1.16	1.72
16	Entergy Corp.	1.77	2.29	1.81	1.45	1.81	1.75	1.93	1.84	1.47	1.29	1.91	2.18
17	Eversource Energy	1.54	1.39	1.48	1.71	1.86	2.00	2.11	1.80	1.55	1.39	1.25	1.29
18	Evergy, Inc.	1.43	1.46	1.31	1.33	1.52	1.50	N/A	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	2.02	1.56	1.39	1.52	1.88	1.37	1.20	1.31	1.21	1.53	3.01	4.09
20	FirstEnergy Corp.	2.04	1.82	1.86	2.08	2.37	2.33	2.81	3.20	1.56	1.35	1.81	1.93
21	Fortis Inc.	1.47	1.48	1.37	1.43	1.56	1.48	1.47	1.35	1.31	1.55	1.45	1.79
22	Great Plains Energy	1.21	N/A	N/A	N/A	N/A	N/A	N/A	1.33	1.13	0.97	0.93	1.77
23	Hawaiian Elec.	1.62	1.05	1.50	1.24	1.94	1.81	1.82	1.85	1.61	1.57	1.40	1.78
24	Hydro One Limited3	1.65	2.34	2.12	1.89	1.83	1.64	1.44	1.41	1.34	N/A	N/A	N/A
25	IDACORP, Inc.	1.54	1.75	1.68	1.75	1.91	1.88	1.84	2.00	1.58	1.23	1.05	1.28
26	MGE Energy	2.18	2.40	2.54	2.35	2.47	N/A	2.54	2.78	2.26	1.91	1.60	1.89
27	NextEra Energy, Inc.	2.42	2.69	2.87	2.89	4.07	4.27	3.58	2.47	2.18	1.74	1.75	2.02
28	NorthWestern Corp	1.41	1.16	1.11	1.18	1.25	1.43	1.45	1.62	1.61	1.44	1.15	1.52
29	OGE Energy	1.81	1.82	1.67	1.62	1.74	1.67	1.86	1.88	1.92	2.03	1.53	1.90
30	Otter Tail Corp.	1.94	1.87	2.18	2.55	2.30	2.33	2.04	2.48	1.86	1.63	1.36	1.81
31	Pinnacle West Capital	1.43	1.53	1.42	1.42	1.31	1.45	1.63	1.85	1.56	1.37	1.03	1.25
32	TXNM Energy	1.39	1.79	1.49	1.75	1.81	1.86	1.87	1.98	1.36	0.96	0.64	1.30
33	Portland General	1.35	1.19	1.28	1.37	1.58	1.55	1.57	1.70	1.45	1.17	0.97	1.34
34	PPL Corp.	1.96	1.66	1.59	1.43	1.44	1.52	1.63	2.02	2.11	1.53	2.30	2.66
35	Public Serv. Enterprise	1.98	2.45	2.35	1.92	2.32	2.11	1.70	1.82	1.61	1.50	2.01	2.63
36	SCANA Corp.	1.51	N/A	N/A	N/A	N/A	N/A	N/A	1.65	1.56	1.44	1.32	1.66
37	Sempra Energy	1.78	1.55	1.74	1.65	1.84	1.64	1.84	2.17	2.12	1.55	1.42	1.77
38	Southern Co.	2.18	2.79	2.68	2.34	2.53	2.39	2.20	2.03	2.01	2.06	1.89	2.27
39	Vectren Corp.	1.83	N/A	N/A	N/A	N/A	N/A	N/A	2.75	2.16	1.64	1.46	1.77
40	WEC Energy Group	2.10	2.50	2.27	2.35	2.57	2.61	2.84	2.27	2.08	2.02	1.54	1.70
41	Westar Energy	1.37	N/A	N/A	N/A	N/A	N/A	N/A	1.94	1.63	1.27	1.04	1.35
42	Xcel Energy Inc.	1.74	1.89	1.77	2.00	2.22	2.27	2.46	2.12	1.70	1.47	1.27	1.44
43	Average	1.74	1.82	1.78	1.73	1.95	1.91	1.94	1.98	1.72	1.52	1.41	1.81
44	Median	1.71	1.77	1.73	1.71	1.88	1.74	1.84	1.94	1.61	1.45	1.27	1.72

Sources:

The current year P/E ratio is based on the forward P/E (price over expected earnings per share). All historical year P/E ratios are based on annual average share price over achieved earnings per share.

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

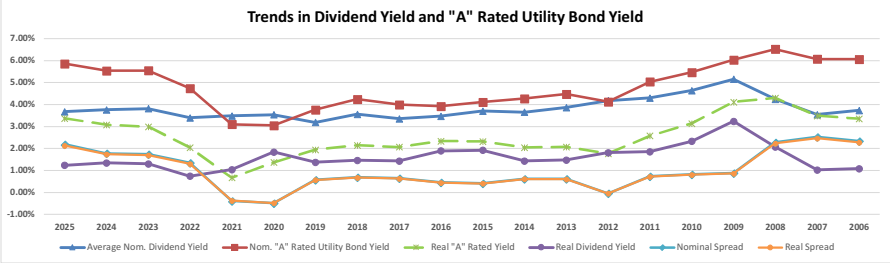
Notes:

[b] Based on the average of the high and low price and the projected Book Value per share.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Dividend Yield[1] 20-Year Average (1)	2025 [2][a] (2)	2024 (3)	2023 (4)	2022 (5)	2021 (6)	3-Year Averages 2018-2020 (7)	2015-2017 (8)	2012-2014 (9)	2009-2011 (10)	2006-2008 (11)
1	ALLETE	4.07%	4.53%	4.63%	4.67%	4.47%	3.88%	3.29%	3.50%	4.10%	5.13%	3.71%
2	Alliant Energy	3.59%	3.31%	3.46%	3.57%	3.04%	2.97%	2.99%	3.29%	3.78%	4.87%	3.52%
3	Ameren Corp.	4.02%	2.99%	3.29%	3.13%	2.74%	2.74%	2.74%	3.53%	4.53%	5.67%	5.34%
4	American Electric Power	3.95%	3.70%	3.96%	4.02%	3.41%	3.61%	3.33%	3.58%	4.21%	5.12%	3.89%
5	Avangrid, Inc.	3.89%	N/A	N/A	4.87%	3.94%	3.53%	3.57%	4.03%	N/A	N/A	N/A
6	Avista Corp.	3.99%	5.13%	5.29%	4.85%	4.26%	3.94%	3.48%	3.50%	4.35%	4.60%	2.86%
7	Black Hills	3.81%	4.61%	4.53%	4.15%	3.44%	3.50%	3.16%	3.05%	3.47%	5.20%	3.80%
8	CenterPoint Energy	4.00%	2.54%	2.77%	2.71%	2.46%	2.77%	3.82%	4.85%	3.85%	5.31%	4.42%
9	CMS Energy Corp.	3.19%	3.09%	3.23%	3.37%	2.92%	2.92%	2.77%	3.07%	3.84%	4.07%	1.93%
10	Consol. Edison	4.20%	3.36%	3.43%	3.57%	3.51%	4.10%	3.66%	3.71%	4.23%	5.20%	5.18%
11	Dominion Resources	4.16%	4.98%	5.06%	5.18%	3.66%	3.38%	4.60%	3.78%	3.76%	4.58%	3.56%
12	DTE Energy	3.93%	3.41%	3.55%	3.67%	3.17%	3.06%	3.33%	3.34%	3.86%	5.24%	4.82%
13	Duke Energy	4.52%	3.66%	3.92%	4.28%	3.98%	4.02%	4.35%	4.25%	4.46%	5.72%	4.80%
14	Edison Int'l	3.50%	5.22%	4.17%	4.47%	4.45%	4.39%	3.95%	2.84%	2.82%	3.66%	2.49%
15	El Paso Electric	2.74%	N/A	N/A	N/A	N/A	N/A	2.55%	2.79%	2.98%	2.11%	N/A
16	Entergy Corp.	3.96%	2.91%	3.62%	4.36%	3.70%	3.84%	3.83%	4.54%	4.81%	4.34%	2.71%
17	Eversource Energy	3.43%	5.05%	4.72%	3.89%	3.09%	2.85%	2.92%	3.23%	3.47%	3.67%	3.04%
18	Evergy, Inc.	4.06%	4.05%	4.58%	4.42%	3.66%	3.59%	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	3.77%	3.80%	4.08%	3.67%	2.89%	3.17%	3.40%	3.71%	4.70%	4.72%	2.70%
20	FirstEnergy Corp.	4.31%	4.38%	4.23%	4.24%	3.71%	4.39%	4.28%	4.39%	4.47%	5.36%	3.24%
21	Fortis Inc.	3.74%	3.86%	4.16%	4.09%	3.82%	3.77%	3.78%	3.75%	3.79%	3.86%	3.19%
22	Great Plains Energy	4.52%	N/A	N/A	N/A	N/A	N/A	N/A	3.66%	3.84%	4.55%	6.02%
23	Hawaiian Elec.	4.40%	N/A	N/A	4.09%	3.59%	3.44%	3.32%	3.90%	4.73%	5.81%	4.92%
24	Hydro One Limited	2.75%	2.07%	2.11%	2.34%	2.50%	2.53%	3.22%	2.99%	N/A	N/A	N/A
25	IDACORP, Inc.	3.16%	3.12%	3.24%	3.18%	2.86%	2.89%	2.67%	2.80%	3.20%	3.66%	3.63%
26	MGE Energy	2.91%	2.07%	2.06%	2.25%	2.15%	N/A	2.07%	2.32%	2.98%	3.99%	4.21%
27	NextEra Energy, Inc.	2.92%	3.24%	2.94%	2.80%	2.11%	1.90%	2.40%	2.90%	3.32%	3.93%	N/A
28	NorthWestern Corp	4.21%	4.80%	5.01%	4.78%	4.51%	4.00%	3.72%	3.52%	3.71%	5.06%	4.37%
29	OGE Energy	3.87%	3.96%	4.39%	4.63%	4.30%	4.81%	4.06%	3.66%	2.68%	3.90%	4.10%
30	Otter Tail Corp.	3.70%	2.66%	2.15%	2.33%	2.44%	2.81%	3.04%	3.77%	4.49%	5.54%	3.67%
31	Pinnacle West Capital	4.48%	4.06%	4.42%	4.51%	4.90%	4.44%	3.60%	3.50%	4.46%	5.67%	5.19%
32	TXNM Energy	3.18%	3.20%	3.70%	3.27%	3.04%	2.09%	2.68%	2.71%	2.91%	4.01%	3.81%
33	Portland General	3.79%	4.87%	4.45%	4.20%	3.63%	3.62%	3.19%	3.08%	3.71%	4.98%	3.39%
34	PPL Corp.	4.36%	3.17%	3.40%	3.53%	3.23%	5.83%	5.56%	4.35%	4.78%	4.91%	3.06%
35	Public Serv. Enterprise	3.68%	3.04%	3.16%	3.83%	3.37%	3.37%	3.44%	3.78%	4.28%	4.28%	3.15%
36	SCANA Corp.	4.37%	N/A	N/A	N/A	N/A	N/A	N/A	3.74%	4.15%	5.13%	4.48%
37	Sempra Energy	3.02%	3.43%	3.06%	3.27%	2.99%	3.39%	3.11%	2.85%	3.12%	3.32%	2.39%
38	Southern Co.	4.46%	3.35%	3.57%	4.13%	3.82%	4.17%	4.68%	4.61%	4.53%	5.10%	4.49%
39	Vectren Corp.	4.38%	N/A	N/A	N/A	N/A	N/A	N/A	3.23%	4.20%	5.48%	4.61%
40	WEC Energy Group	3.11%	3.50%	3.75%	3.57%	3.08%	3.00%	2.96%	3.38%	3.38%	3.16%	2.24%
41	Westar Energy	4.37%	N/A	N/A	N/A	N/A	N/A	N/A	3.21%	4.24%	5.48%	4.55%
42	Xcel Energy Inc.	3.67%	3.36%	3.64%	3.28%	2.90%	2.81%	2.86%	3.37%	3.86%	4.63%	4.39%
43	**Average**	**3.81%**	**3.67%**	**3.76%**	**3.82%**	**3.40%**	**3.49%**	**3.42%**	**3.51%**	**3.90%**	**4.64%**	**3.83%**
44	Median	3.67%	3.43%	3.70%	3.89%	3.41%	3.47%	3.33%	3.50%	3.86%	4.87%	3.80%
45	20-Yr Treasury Yields[3]	3.39%	4.83%	4.50%	4.25%	3.30%	1.98%	2.26%	2.47%	2.91%	3.92%	4.75%
46	20-Yr TIPS[3]	1.18%	2.36%	2.06%	1.73%	0.64%	-0.43%	0.41%	0.73%	0.61%	1.71%	2.28%
47	Implied Inflation[b]	2.18%	2.41%	2.39%	2.48%	2.64%	2.42%	1.84%	1.73%	2.29%	2.17%	2.42%
48	**Real Dividend Yield[c]**	**1.60%**	**1.24%**	**1.34%**	**1.30%**	**0.74%**	**1.04%**	**1.55%**	**1.75%**	**1.57%**	**2.42%**	**1.38%**
	A-Rated Utility											
49	**Nominal "A" Rated Yield[4]**	**4.80%**	**5.86%**	**5.54%**	**5.55%**	**4.74%**	**3.10%**	**3.69%**	**4.01%**	**4.29%**	**5.51%**	**6.22%**
50	**Real "A" Rated Yield**	**2.56%**	**3.37%**	**3.08%**	**2.99%**	**2.05%**	**0.67%**	**1.82%**	**2.24%**	**1.96%**	**3.27%**	**3.72%**
	Baa-Rated Utility											
51	**Nominal "Baa" Rated Yield**	**5.28%**	**6.05%**	**5.76%**	**5.85%**	**5.05%**	**3.36%**	**4.10%**	**4.69%**	**4.87%**	**6.20%**	**6.63%**
52	**Real "Baa" Rated Yield**	**3.03%**	**3.56%**	**3.29%**	**3.29%**	**2.35%**	**0.91%**	**2.22%**	**2.91%**	**2.52%**	**3.94%**	**4.11%**
	Spreads (A-Rated Utility Bond - Stock)											
53	**Nominal Spread[d]**	**0.99%**	**2.19%**	**1.78%**	**1.73%**	**1.34%**	**-0.38%**	**0.27%**	**0.50%**	**0.40%**	**0.87%**	**2.39%**
54	**Real Spread[e]**	**0.96%**	**2.14%**	**1.73%**	**1.69%**	**1.31%**	**-0.38%**	**0.27%**	**0.49%**	**0.39%**	**0.85%**	**2.33%**
	Spreads (Baa-Rated Utility Bond - Stock)											
55	**Nominal Spread[b]**	**1.46%**	**2.38%**	**2.00%**	**2.03%**	**1.65%**	**-0.13%**	**0.68%**	**1.18%**	**0.97%**	**1.55%**	**2.80%**
56	**Real Spread[c]**	**1.43%**	**2.32%**	**1.95%**	**1.98%**	**1.61%**	**-0.13%**	**0.67%**	**1.16%**	**0.95%**	**1.52%**	**2.73%**
	Spreads (Treasury Bond - Stock)											
57	**Nominal[f]**	**-0.42%**	**1.15%**	**0.74%**	**0.44%**	**-0.10%**	**-1.51%**	**-1.16%**	**-1.04%**	**-0.99%**	**-0.72%**	**0.92%**
58	**Real[g]**	**-0.42%**	**1.13%**	**0.72%**	**0.43%**	**-0.10%**	**-1.47%**	**-1.14%**	**-1.02%**	**-0.96%**	**-0.71%**	**0.90%**



Sources:
[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.
[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.
[3] St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org.
[4] Mergent Bond Record, through August 31, 2025.

Notes:
[a] Based on the average of the high and low price and the projected Dividends Declared per share, published in the Value Line Investment Survey.
[b] Line 47 = (1 + Line 45) / (1 + Line 46) - 1.
[c] Line 48 = (1 + Line 43) / (1 +Line 47) - 1.
[d] The spread being measured here is the nominal A-rated utility bond yield over the average nominal utility dividend yield; (Line 49 - Line 43).
[e] The spread being measured here is the real A-rated utility bond yield over the average real utility dividend yield; Line 50 - Line 48)
[f] The spread being measured here is the nominal 20-Year Treasury yield over the average nominal utility dividend yield; (Line 45 - Line 43).
[g] The spread being measured here is the real 20-Year TIPS yield over the average real utility dividend yield; Line 48 - Line 46)

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Dividend per Share[1] 20-Year Average	2025[2]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ALLETE	2.14	2.94	2.82	2.71	2.60	2.52	2.35	2.08	1.90	1.77	1.60
2	Alliant Energy	1.20	2.04	1.92	1.81	1.71	1.61	1.43	1.18	0.95	0.80	0.64
3	Ameren Corp.	2.03	2.85	2.68	2.52	2.36	2.20	1.92	1.72	1.60	1.55	2.54
4	American Electric Power	2.38	3.80	3.57	3.37	3.17	3.00	2.69	2.27	1.95	1.73	1.57
5	Avangrid, Inc.	1.75	N/A	N/A	1.76	1.76	1.76	1.75	1.73	N/A	N/A	N/A
6	Avista Corp.	1.32	2.00	1.90	1.84	1.76	1.69	1.55	1.37	1.22	0.97	0.62
7	Black Hills	1.84	2.70	2.60	2.50	2.41	2.29	2.05	1.70	1.52	1.44	1.36
8	CenterPoint Energy	0.85	0.89	0.81	0.77	0.72	0.66	0.96	1.12	0.86	0.78	0.67
9	CMS Energy Corp.	1.25	2.17	2.06	1.95	1.84	1.74	1.53	1.24	1.02	0.67	0.28
10	Consol. Edison	2.73	3.40	3.32	3.24	3.16	3.10	2.96	2.68	2.47	2.38	2.32
11	Dominion Resources	2.44	2.67	2.67	2.67	2.67	2.52	3.49	2.81	2.25	1.85	1.47
12	DTE Energy	3.07	4.41	4.15	3.88	3.54	3.88	3.85	3.09	2.57	2.21	2.11
13	Duke Energy	3.41	4.22	4.14	4.06	3.98	3.90	3.74	3.36	3.09	2.90	2.64
14	Edison Int'l	2.00	3.36	3.17	2.99	2.84	2.69	2.49	1.98	1.39	1.27	1.17
15	El Paso Electric	1.11	N/A	N/A	N/A	N/A	N/A	1.42	1.24	1.04	0.66	N/A
16	Entergy Corp.	1.76	2.43	2.30	2.17	2.05	1.93	1.83	1.71	1.66	1.59	1.29
17	Eversource Energy	1.75	3.01	2.86	2.70	2.55	2.41	2.14	1.78	1.45	1.03	0.78
18	Evergy, Inc.	2.46	2.71	2.60	2.48	2.33	2.18	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	1.61	1.62	1.52	1.44	1.35	1.53	1.45	1.27	1.60	2.10	1.84
20	FirstEnergy Corp.	1.77	1.78	1.70	1.60	1.56	1.56	1.64	1.44	1.76	2.20	2.03
21	Fortis Inc.	1.56	2.49	2.39	2.29	2.17	2.08	1.86	1.54	1.25	1.11	0.83
22	Great Plains Energy	1.11	N/A	N/A	N/A	N/A	N/A	N/A	1.05	0.89	0.83	1.66
23	Hawaiian Elec.	1.25	N/A	N/A	1.08	1.40	1.36	1.28	1.24	1.24	1.24	1.24
24	Hydro One Limited	0.79	1.00	0.90	0.86	0.86	0.75	0.74	0.69	N/A	N/A	N/A
25	IDACORP, Inc.	2.09	3.52	3.35	3.20	3.04	2.88	2.56	2.08	1.57	1.20	1.20
26	MGE Energy	1.25	1.85	1.76	1.67	1.59	N/A	1.38	1.21	1.07	0.99	0.94
27	NextEra Energy, Inc.	1.03	2.27	2.06	1.87	1.70	1.54	1.25	0.87	0.66	0.51	0.41
28	NorthWestern Corp	1.92	2.64	2.60	2.56	2.52	2.48	2.30	2.01	1.53	1.38	1.28
29	OGE Energy	1.16	1.71	1.68	1.66	1.64	1.63	1.49	1.16	0.87	0.74	0.68
30	Otter Tail Corp.	1.38	2.10	1.87	1.75	1.65	1.56	1.41	1.25	1.20	1.19	1.17
31	Pinnacle West Capital	2.70	3.61	3.55	3.49	3.42	3.36	3.05	2.57	2.41	2.10	2.08
32	TXNM Energy	0.96	1.65	1.57	1.49	1.41	0.98	1.17	0.89	0.67	0.50	0.79
33	Portland General	1.34	2.08	1.98	1.88	1.79	1.70	1.51	1.26	1.10	1.03	0.86
34	PPL Corp.	1.37	1.08	1.03	0.95	0.88	1.66	1.65	1.53	1.47	1.39	1.22
35	Public Serv. Enterprise	1.70	2.52	2.40	2.28	2.16	2.04	1.88	1.64	1.45	1.36	1.20
36	SCANA Corp.	2.00	N/A	N/A	N/A	N/A	N/A	N/A	2.31	2.04	1.91	1.76
37	Sempra Energy	2.68	2.58	2.48	2.38	4.58	4.40	3.88	3.04	2.52	1.68	1.27
38	Southern Co.	2.21	2.96	2.86	2.78	2.70	2.62	2.46	2.23	2.01	1.80	1.60
39	Vectren Corp.	1.42	N/A	N/A	N/A	N/A	N/A	N/A	1.62	1.43	1.37	1.27
40	WEC Energy Group	1.84	3.57	3.34	3.12	2.91	2.71	2.37	1.93	1.40	0.84	0.50
41	Westar Energy	1.30	N/A	N/A	N/A	N/A	N/A	N/A	1.52	1.36	1.24	1.07
42	Xcel Energy Inc.	1.42	2.28	2.19	2.08	1.95	1.83	1.62	1.36	1.13	1.00	0.91
43	**Average**	**1.78**	**2.54**	**2.42**	**2.27**	**2.24**	**2.19**	**2.03**	**1.73**	**1.53**	**1.37**	**1.29**
44	**Industry Average Growth**	**3.99%**	**4.85%**	**6.91%**	**1.35%**	**2.21%**	**2.43%**	**5.38%**	**5.18%**	**3.52%**	**1.68%**	**5.43%**

Sources:

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
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[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

		Earnings per Share[1]										
		20-Year						3-Year Averages				
Line	Company	Average	2025[2]	2024	2023	2022	2021	2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ALLETE	3.05	3.70	3.10	4.30	3.38	3.23	3.35	3.22	2.70	2.24	2.89
2	Alliant Energy	1.94	3.30	2.69	2.78	2.73	2.63	2.33	1.78	1.64	1.23	1.22
3	Ameren Corp.	3.17	5.00	4.59	4.37	4.14	3.84	3.39	2.61	2.30	2.67	2.84
4	American Electric Power	3.88	5.90	5.61	5.24	5.09	4.96	4.13	3.81	3.17	2.90	2.90
5	Avangrid, Inc.	1.88	N/A	N/A	2.09	2.32	1.97	2.02	1.50	N/A	N/A	N/A
6	Avista Corp.	1.89	2.60	2.29	2.24	2.12	2.10	2.31	2.00	1.67	1.65	1.18
7	Black Hills	2.84	4.10	3.91	3.91	3.97	3.74	3.58	2.95	2.49	1.66	1.69
8	CenterPoint Energy	1.28	1.75	1.58	1.37	1.59	0.94	1.17	1.22	1.34	1.12	1.27
9	CMS Energy Corp.	2.00	3.60	3.33	3.01	2.84	2.58	2.45	2.01	1.64	1.24	0.84
10	Consol. Edison	4.07	5.65	5.38	5.04	4.55	4.74	4.19	4.03	3.80	3.39	3.26
11	Dominion Resources	2.88	3.40	2.77	1.99	4.11	3.19	2.42	3.39	2.96	2.76	2.52
12	DTE Energy	4.81	7.20	6.77	6.76	5.52	4.10	6.52	5.00	4.25	3.55	2.61
13	Duke Energy	4.29	6.35	5.90	5.56	5.27	4.93	4.37	4.01	3.94	3.85	3.12
14	Edison Int'l	3.45	6.00	4.91	4.76	1.60	2.00	1.48	4.20	4.22	3.27	3.43
15	El Paso Electric	2.02	N/A	N/A	N/A	N/A	N/A	2.07	2.28	2.24	2.02	1.54
16	Entergy Corp.	3.20	4.20	2.45	5.55	2.69	3.44	3.18	2.98	2.79	3.42	2.86
17	Eversource Energy	2.89	4.75	4.57	4.34	4.09	3.54	3.42	2.94	2.32	2.08	1.42
18	Evergy, Inc.	3.62	4.05	3.80	3.17	3.26	3.83	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	2.81	2.70	2.45	2.38	2.26	1.74	2.56	2.37	2.11	3.97	3.88
20	FirstEnergy Corp.	2.58	2.55	2.63	2.56	2.41	2.69	1.67	2.28	1.98	2.82	4.14
21	Fortis Inc.	2.17	3.45	3.28	3.10	2.78	2.61	2.60	2.22	1.55	1.62	1.39
22	Great Plains Energy	1.33	N/A	N/A	N/A	N/A	N/A	N/A	0.97	1.51	1.27	1.54
23	Hawaiian Elec.	2.04	0.95	10.42	1.81	2.20	2.25	1.88	1.81	1.64	1.19	1.17
24	Hydro One Limited	1.57	2.10	1.92	1.81	1.75	1.61	1.47	1.23	N/A	N/A	N/A
25	IDACORP, Inc.	3.92	5.80	5.50	5.14	5.11	4.85	4.60	4.01	3.62	2.98	2.13
26	MGE Energy	2.26	3.65	3.33	3.25	3.07	N/A	2.51	2.15	2.11	1.63	1.49
27	NextEra Energy, Inc.	1.76	3.70	3.43	3.17	2.90	1.81	1.90	1.53	1.25	1.13	0.88
28	NorthWestern Corp	2.77	3.55	3.27	3.22	3.29	3.60	3.33	3.21	2.57	2.23	1.51
29	OGE Energy	1.85	2.30	2.19	2.07	2.25	2.36	2.15	1.77	1.90	1.52	1.26
30	Otter Tail Corp.	2.67	6.55	7.17	7.00	6.78	4.23	2.19	1.67	1.32	0.51	1.52
31	Pinnacle West Capital	3.90	4.80	5.24	4.41	4.26	5.47	4.73	4.10	3.58	2.78	2.75
32	TXNM Energy	1.70	2.80	2.74	2.82	2.69	2.27	2.03	1.74	1.39	0.84	0.86
33	Portland General	2.14	3.25	3.14	2.38	2.74	2.72	2.16	2.16	1.94	1.64	1.62
34	PPL Corp.	2.11	1.85	1.68	1.60	1.41	0.53	2.33	2.42	2.46	2.03	2.46
35	Public Serv. Enterprise	3.04	4.00	3.68	3.48	3.47	2.55	3.42	2.98	2.63	3.09	2.45
36	SCANA Corp.	3.30	N/A	N/A	N/A	N/A	N/A	N/A	4.06	3.44	2.93	2.76
37	Sempra Energy	4.93	4.55	4.65	4.61	9.21	4.01	6.01	4.70	4.40	4.42	4.31
38	Southern Co.	2.97	4.30	4.06	3.64	3.61	3.42	3.14	2.96	2.71	2.41	2.21
39	Vectren Corp.	1.94	N/A	N/A	N/A	N/A	N/A	N/A	2.51	1.87	1.72	1.63
40	WEC Energy Group	2.99	5.25	4.89	4.63	4.46	4.11	3.57	2.81	2.48	1.90	1.42
41	Westar Energy	1.96	N/A	N/A	N/A	N/A	N/A	N/A	2.26	2.26	1.62	1.68
42	Xcel Energy Inc.	2.30	3.80	3.50	3.35	3.17	2.96	2.63	2.20	1.93	1.59	1.39
43	**Average**	**2.77**	**3.98**	**3.97**	**3.59**	**3.49**	**3.10**	**2.95**	**2.68**	**2.47**	**2.23**	**2.10**
44	**Industry Average Growth**	**3.74%**	**0.44%**	**10.44%**	**2.96%**	**12.60%**	**1.28%**	**3.44%**	**2.66%**	**3.36%**	**3.58%**	**2.13%**

Sources:

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[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Cash Flow / Capital Spending[1] 2020 (1)	2021 (2)	2022 (3)	2023 (4)	2024 (5)	2025 (6)	2026[2] (7)	3 - 5 yr[2] Projection (8)
1	ALLETE	0.74x	0.80x	2.26x	1.42x	2.21x	1.36x	1.38x	1.39x
2	Alliant Energy	0.82x	0.97x	0.94x	0.95x	0.97x	1.04x	1.08x	1.27x
3	Ameren Corp.	0.51x	0.59x	0.72x	0.74x	0.84x	0.88x	0.91x	0.99x
4	American Electric Power	0.74x	0.69x	0.73x	0.72x	0.82x	0.87x	0.91x	1.12x
5	Avista Corp.	0.85x	0.87x	0.83x	0.78x	0.84x	0.95x	0.93x	0.74x
6	Black Hills	0.72x	0.76x	0.85x	0.82x	0.68x	0.67x	0.69x	0.73x
7	CenterPoint Energy	0.88x	0.62x	0.62x	0.57x	0.55x	0.52x	0.50x	0.59x
8	CMS Energy Corp.	0.82x	0.77x	0.78x	0.92x	0.80x	0.67x	0.77x	0.77x
9	Consol. Edison	0.82x	0.89x	0.83x	0.72x	0.84x	0.88x	0.83x	0.97x
10	Dominion Resources	1.00x	0.89x	0.74x	0.63x	0.51x	0.53x	0.62x	0.70x
11	DTE Energy	0.67x	0.70x	0.75x	0.82x	0.87x	0.90x	0.93x	1.01x
12	Duke Energy	0.86x	0.93x	0.81x	0.79x	0.77x	0.92x	0.94x	1.01x
13	Edison Int'l	0.67x	0.74x	0.67x	0.75x	0.82x	0.85x	0.86x	0.90x
14	El Paso Electric	1.00x	0.83x	N/A	N/A	N/A	N/A	N/A	N/A
15	Entergy Corp.	0.81x	1.05x	0.98x	0.85x	0.81x	0.73x	0.74x	0.75x
16	Eversource Energy	0.95x	0.74x	0.72x	0.86x	0.76x	0.74x	0.76x	0.80x
17	Evergy, Inc.	1.06x	0.96x	0.94x	0.86x	0.86x	0.92x	0.95x	1.02x
18	Exelon Corp.	1.30x	1.32x	0.96x	0.99x	0.80x	0.83x	0.84x	0.93x
19	FirstEnergy Corp.	0.96x	0.91x	0.86x	0.80x	0.82x	0.64x	0.68x	0.71x
20	Fortis Inc.	0.60x	0.74x	0.75x	0.82x	0.85x	0.89x	0.91x	0.99x
21	Hawaiian Elec.	1.10x	1.42x	1.30x	1.51x	1.20x	1.29x	1.33x	1.40x
22	Hydro One Electric	1.21x	0.67x	0.72x	0.63x	0.60x	0.63x	0.64x	0.63x
23	IDACORP, Inc.	1.25x	1.16x	0.83x	0.63x	0.56x	0.56x	0.50x	0.51x
24	MGE Energy	0.73x	0.87x	N/A	1.26x	1.10x	0.82x	0.97x	1.00x
25	NextEra Energy, Inc.	0.58x	0.69x	0.54x	0.59x	0.59x	0.60x	0.61x	0.69x
26	NorthWestern Corp	0.98x	0.82x	0.66x	0.75x	0.87x	0.86x	0.91x	0.99x
27	OGE Energy	1.43x	1.13x	0.99x	0.97x	0.99x	1.06x	1.11x	1.28x
28	Otter Tail Corp.	0.45x	1.42x	1.45x	1.08x	1.46x	1.47x	1.34x	1.17x
29	Pinnacle West Capital	0.98x	0.85x	0.78x	0.95x	0.74x	0.77x	0.80x	0.94x
30	TXNM Energy	0.59x	0.51x	0.63x	0.63x	0.53x	0.52x	0.53x	0.56x
31	Portland General	0.75x	0.97x	1.01x	0.58x	0.62x	0.71x	0.73x	0.87x
32	PPL Corp.	1.06x	1.12x	1.35x	0.98x	0.97x	1.00x	1.01x	1.06x
33	Public Serv. Enterprise	1.00x	1.05x	0.82x	0.87x	0.90x	0.90x	0.88x	0.97x
34	Sempra Energy	0.92x	0.78x	0.92x	0.96x	0.63x	0.59x	0.63x	0.68x
35	Southern Co.	1.01x	0.93x	0.97x	0.97x	0.90x	0.97x	1.01x	1.15x
36	WEC Energy Group	0.70x	0.75x	0.87x	0.92x	1.01x	1.09x	1.15x	1.35x
37	Xcel Energy Inc.	0.99x	0.86x	0.80x	0.92x	0.65x	0.61x	0.70x	0.90x
38	Average	0.88x	0.89x	0.90x	0.86x	0.85x	0.84x	0.86x	0.93x
39	Median	0.86x	0.86x	0.83x	0.84x	0.82x	0.86x	0.87x	0.96x

Source:

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[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Notes:

Based on the projected Cash Flow per share and Capital Spending per share.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Percent Dividends to Book Value [1] 20-Year Average	2025 [2/a]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ALLETE	5.87%	5.59%	5.51%	5.56%	5.52%	5.56%	5.47%	5.40%	5.83%	6.44%	6.73%
2	Alliant Energy	6.45%	7.07%	7.04%	6.84%	6.84%	6.73%	6.75%	6.99%	6.43%	6.10%	5.25%
3	Ameren Corp.	6.05%	6.20%	6.26%	6.26%	5.88%	5.84%	5.82%	5.88%	5.87%	4.74%	7.85%
4	American Electric Power	6.43%	7.26%	7.05%	6.95%	6.80%	6.74%	6.75%	6.25%	5.94%	6.03%	6.28%
5	Avangrid, Inc.	3.15%	N/A	N/A	3.46%	3.51%	3.57%	3.57%	2.36%	N/A	N/A	N/A
6	Avista Corp.	5.15%	5.81%	5.87%	5.78%	5.65%	5.61%	5.47%	5.38%	5.49%	4.91%	3.49%
7	Black Hills	5.32%	5.24%	5.19%	5.30%	5.32%	5.32%	5.32%	5.63%	5.18%	5.18%	5.35%
8	CenterPoint Energy	8.88%	4.97%	4.95%	5.03%	4.90%	4.82%	7.96%	12.50%	8.41%	9.87%	12.21%
9	CMS Energy Corp.	6.81%	7.74%	7.69%	7.84%	7.89%	7.87%	8.58%	8.25%	7.96%	5.78%	1.81%
10	Consol. Edison	5.89%	5.08%	5.24%	5.29%	5.42%	5.48%	5.50%	5.70%	5.91%	6.30%	7.04%
11	Dominion Resources	9.99%	8.44%	8.66%	8.69%	8.54%	8.00%	11.14%	11.88%	11.63%	9.35%	8.52%
12	DTE Energy	6.38%	7.55%	7.43%	7.25%	7.64%	8.64%	6.38%	6.08%	5.72%	5.56%	5.99%
13	Duke Energy	5.58%	6.44%	6.54%	6.37%	6.47%	6.34%	6.18%	5.73%	5.32%	5.73%	3.52%
14	Edison Int'l	5.96%	8.62%	8.76%	8.30%	9.24%	7.36%	7.09%	5.53%	4.48%	4.06%	4.46%
15	El Paso Electric	2.94%	N/A	N/A	N/A	N/A	N/A	5.04%	4.64%	4.57%	1.16%	0.00%
16	Entergy Corp.	6.69%	6.65%	6.55%	6.32%	6.68%	6.72%	7.21%	7.31%	6.17%	6.65%	6.27%
17	Eversource Energy	5.28%	7.02%	6.97%	6.66%	5.74%	5.69%	5.57%	5.27%	4.77%	4.76%	4.14%
18	Evergy, Inc.	5.69%	5.94%	5.99%	5.90%	5.57%	5.41%	5.32%	N/A	N/A	N/A	N/A
19	Exelon Corp.	6.90%	5.94%	5.67%	5.59%	5.42%	4.36%	4.45%	4.39%	6.19%	10.30%	11.70%
20	FirstEnergy Corp.	8.71%	8.00%	7.87%	8.81%	8.78%	10.26%	12.46%	10.48%	5.79%	7.54%	7.20%
21	Fortis Inc.	5.45%	5.72%	5.72%	5.84%	5.95%	5.59%	5.17%	4.99%	5.54%	5.74%	5.31%
22	Great Plains Energy	5.31%	N/A	N/A	N/A	N/A	N/A	N/A	4.42%	3.95%	3.92%	8.94%
23	Hawaiian Elec.	7.09%	N/A	N/A	5.07%	6.96%	6.22%	6.18%	6.62%	7.33%	7.88%	8.47%
24	Hydro One Limited	2.42%	4.85%	4.47%	4.42%	4.57%	4.13%	4.57%	4.07%	0.00%	0.00%	0.00%
25	IDACORP, Inc.	4.77%	5.47%	5.43%	5.57%	5.48%	5.45%	5.23%	4.86%	4.23%	3.87%	4.49%
26	MGE Energy	6.00%	4.98%	5.22%	5.30%	5.32%	N/A	5.47%	5.74%	6.02%	6.55%	7.29%
27	NextEra Energy, Inc.	6.89%	8.71%	8.46%	8.08%	8.61%	8.13%	6.78%	6.51%	6.40%	5.98%	6.24%
28	NorthWestern Corp	5.79%	5.57%	5.58%	5.63%	5.65%	5.73%	5.74%	5.77%	5.56%	6.07%	6.09%
29	OGE Energy	6.90%	7.20%	7.35%	7.49%	7.47%	8.04%	7.65%	6.53%	5.70%	6.28%	7.32%
30	Otter Tail Corp.	6.81%	4.97%	4.69%	5.95%	5.61%	6.54%	7.18%	7.43%	8.06%	6.88%	6.59%
31	Pinnacle West Capital	6.21%	6.22%	6.26%	6.41%	6.40%	6.43%	6.31%	5.96%	6.37%	6.21%	6.00%
32	TXNM Energy	4.19%	5.73%	5.50%	5.72%	5.52%	3.88%	5.31%	4.23%	3.17%	2.68%	3.74%
33	Portland General	4.98%	5.78%	5.71%	5.73%	5.75%	5.61%	5.26%	4.79%	4.66%	4.87%	4.12%
34	PPL Corp.	8.19%	5.26%	5.40%	5.03%	4.66%	8.89%	9.81%	10.27%	7.57%	8.40%	8.78%
35	Public Serv. Enterprise	7.02%	7.47%	7.42%	7.34%	7.82%	7.12%	6.26%	6.20%	6.36%	7.20%	8.36%
36	SCANA Corp.	6.44%	N/A	N/A	N/A	N/A		N/A	6.04%	6.15%	6.61%	6.98%
37	Sempra Energy	5.33%	5.30%	5.32%	5.41%	5.49%	5.56%	6.31%	6.08%	5.67%	4.37%	4.09%
38	Southern Co.	9.55%	9.32%	9.58%	9.65%	9.67%	9.96%	9.65%	9.34%	9.36%	9.38%	9.88%
39	Vectren Corp.	7.71%	N/A	N/A	N/A	N/A	N/A	N/A	7.61%	7.54%	7.78%	7.90%
40	WEC Energy Group	6.64%	8.77%	8.54%	8.38%	7.92%	7.83%	7.37%	6.76%	7.44%	5.13%	3.76%
41	Westar Energy	5.71%	N/A	N/A	N/A	N/A	N/A	N/A	5.68%	5.69%	5.82%	5.65%
42	Xcel Energy Inc.	6.21%	6.37%	6.44%	6.55%	6.43%	6.38%	6.38%	6.26%	5.87%	5.99%	6.16%
43	Average	6.26%	6.49%	6.47%	6.37%	6.41%	6.44%	6.54%	6.39%	6.01%	5.95%	6.10%
44	Median	6.12%	6.20%	6.26%	5.95%	5.88%	6.28%	6.22%	5.96%	5.87%	6.01%	6.20%

Sources:

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[2] The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

[a] Based on the projected 2025 Dividend Declared per share and Book Value per share,
published in The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Dividends to Earnings Ratio [1]										
		20-Year						3-Year Averages				
		Average	2025 [2/a]	2024	2023	2022	2021	2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ALLETE	0.71	0.79	0.91	0.63	0.77	0.78	0.70	0.65	0.70	0.80	0.56
2	Alliant Energy	0.62	0.62	0.71	0.65	0.63	0.61	0.61	0.67	0.58	0.66	0.53
3	Ameren Corp.	0.65	0.57	0.58	0.58	0.57	0.57	0.57	0.66	0.70	0.58	0.90
4	American Electric Power	0.61	0.64	0.64	0.64	0.62	0.60	0.65	0.60	0.62	0.60	0.54
5	Avangrid, Inc.	0.88	N/A	N/A	0.84	0.76	0.89	0.87	0.95	N/A	N/A	N/A
6	Avista Corp.	0.70	0.77	0.83	0.82	0.83	0.80	0.70	0.69	0.74	0.59	0.57
7	Black Hills	1.02	0.66	0.66	0.64	0.61	0.61	0.57	0.58	0.62	0.98	2.96
8	CenterPoint Energy	0.70	0.51	0.51	0.56	0.45	0.70	0.93	0.94	0.65	0.70	0.53
9	CMS Energy Corp.	0.58	0.60	0.62	0.65	0.65	0.67	0.62	0.62	0.62	0.54	0.30
10	Consol. Edison	0.68	0.60	0.62	0.64	0.69	0.65	0.71	0.67	0.65	0.70	0.71
11	Dominion Resources	0.88	0.79	0.96	1.34	0.65	0.79	1.53	0.83	0.76	0.67	0.59
12	DTE Energy	0.66	0.61	0.61	0.57	0.64	0.95	0.59	0.62	0.61	0.62	0.81
13	Duke Energy	0.79	0.66	0.70	0.73	0.76	0.79	0.86	0.84	0.79	0.76	0.80
14	Edison Int'l	0.49	0.56	0.65	0.63	1.78	1.35	0.06	0.47	0.33	0.39	0.34
15	El Paso Electric	0.50	N/A	N/A	N/A	N/A	N/A	0.68	0.54	0.46	0.27	N/A
16	Entergy Corp.	0.56	0.58	0.94	0.39	0.76	0.56	0.58	0.58	0.60	0.47	0.45
17	Eversource Energy	0.60	0.63	0.63	0.62	0.62	0.68	0.63	0.61	0.63	0.49	0.61
18	Evergy, Inc.	0.68	0.67	0.68	0.78	0.71	0.57	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	0.60	0.60	0.62	0.61	0.60	0.88	0.58	0.55	0.77	0.53	0.47
20	FirstEnergy Corp.	0.77	0.70	0.65	0.63	0.65	0.58	1.01	0.64	1.09	0.84	0.49
21	Fortis Inc.	0.72	0.72	0.73	0.74	0.78	0.80	0.71	0.71	0.81	0.68	0.60
22	Great Plains Energy	- 0.82	N/A	N/A	N/A	N/A	N/A	N/A	- 5.65	0.59	0.67	1.12
23	Hawaiian Elec.	0.82	N/A	N/A	0.60	0.64	0.60	0.68	0.71	0.75	1.08	1.07
24	Hydro One Limited	0.88	0.48	0.47	0.48	0.49	0.47	1.87	0.57	N/A	N/A	N/A
25	IDACORP, Inc.	0.52	0.61	0.61	0.62	0.59	0.59	0.56	0.52	0.43	0.41	0.57
26	MGE Energy	0.56	0.51	0.53	0.51	0.52	N/A	0.55	0.56	0.51	0.61	0.63
27	NextEra Energy, Inc.	0.56	0.61	0.60	0.59	0.59	0.85	0.66	0.57	0.53	0.45	0.47
28	NorthWestern Corp	0.70	0.74	0.80	0.80	0.77	0.69	0.69	0.63	0.60	0.62	0.86
29	OGE Energy	0.61	0.74	0.77	0.80	0.73	0.69	0.70	0.66	0.45	0.49	0.54
30	Otter Tail Corp.	0.91	0.32	0.26	0.25	0.24	0.37	0.64	0.75	0.93	2.48	0.81
31	Pinnacle West Capital	0.71	0.75	0.68	0.79	0.80	0.61	0.64	0.63	0.67	0.77	0.78
32	TXNM Energy	0.82	0.59	0.57	0.53	0.52	0.43	0.58	0.51	0.48	0.63	2.40
33	Portland General	0.63	0.64	0.63	0.79	0.65	0.63	0.72	0.58	0.57	0.65	0.56
34	PPL Corp.	0.76	0.58	0.61	0.59	0.62	3.13	0.72	0.64	0.60	0.77	0.50
35	Public Serv. Enterprise	0.56	0.63	0.65	0.66	0.62	0.80	0.56	0.55	0.55	0.44	0.50
36	SCANA Corp.	0.61	N/A	N/A	N/A	N/A		N/A	0.57	0.59	0.65	0.64
37	Sempra Energy	0.54	0.57	0.53	0.52	0.50	1.10	0.65	0.65	0.57	0.38	0.29
38	Southern Co.	0.75	0.69	0.70	0.76	0.75	0.77	0.78	0.75	0.74	0.75	0.72
39	Vectren Corp.	0.75	N/A	N/A	N/A	N/A	N/A	N/A	0.65	0.77	0.80	0.78
40	WEC Energy Group	0.57	0.68	0.68	0.67	0.65	0.66	0.66	0.69	0.56	0.44	0.35
41	Westar Energy	0.68	N/A	N/A	N/A	N/A	N/A	N/A	0.67	0.60	0.78	0.66
42	Xcel Energy Inc.	0.62	0.60	0.63	0.62	0.62	0.62	0.62	0.62	0.58	0.63	0.66
43	Average	0.66	0.63	0.66	0.66	0.67	0.77	0.72	0.49	0.64	0.68	0.73
44	Median	0.63	0.62	0.64	0.63	0.64	0.68	0.66	0.63	0.61	0.63	0.59

Sources:

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Note:

[b] Based on the projected 2025 Dividends Declared per share and Earnings per share,
published in The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Electric Utilities
(Valuation Metrics)

Line	Company	Cash Flow to Capital Spending Ratio [1] 20-Year Average	2025 [2/a]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ALLETE	0.97	1.36	1.30	1.76	2.12	0.55	0.80	1.37	0.54	0.60	0.78
2	Alliant Energy	0.81	1.04	0.65	0.74	0.91	0.95	N/A	0.65	0.83	0.65	0.96
3	Ameren Corp.	0.86	0.88	0.83	0.78	0.71	0.62	0.74	0.75	0.91	1.16	0.95
4	American Electric Power	0.86	0.87	0.84	0.79	0.81	0.81	0.75	0.79	0.95	1.15	0.74
5	Avangrid, Inc.	0.71	N/A	N/A	0.66	0.79	0.56	0.68	0.77	N/A	N/A	N/A
6	Avista Corp.	0.89	0.95	0.85	0.88	0.73	0.88	0.86	0.79	0.82	1.02	1.02
7	Black Hills	0.68	0.67	0.68	0.95	0.86	0.61	0.67	0.84	0.72	0.47	0.55
8	CenterPoint Energy	0.93	0.53	0.54	0.53	0.52	0.73	0.85	1.09	1.25	1.00	1.07
9	CMS Energy Corp.	0.86	0.86	0.74	0.85	0.82	0.78	0.78	0.84	0.79	1.05	0.91
10	Consol. Edison	0.83	0.86	0.84	0.84	0.88	0.83	0.84	0.72	0.92	0.88	0.75
11	Dominion Resources	0.74	0.53	0.41	0.46	0.86	0.73	0.91	0.70	0.71	0.80	0.81
12	DTE Energy	0.97	0.90	0.87	0.85	0.86	0.74	0.80	0.90	0.97	1.37	1.03
13	Duke Energy	0.89	0.92	0.89	0.81	0.87	0.85	0.82	0.88	1.05	0.81	0.93
14	Edison Int'l	0.75	0.87	0.85	0.83	0.62	0.55	0.52	0.88	0.79	0.67	0.91
15	El Paso Electric	0.87	N/A	N/A	N/A	N/A	0.83	0.86	0.86	0.77	0.90	0.96
16	Entergy Corp.	0.94	0.80	0.72	1.03	0.62	0.74	0.76	0.97	1.03	1.14	1.07
17	Eversource Energy	0.83	0.74	0.76	0.54	0.89	0.80	0.80	0.86	0.96	0.94	0.70
18	Evergy, Inc.	0.91	0.92	0.93	0.90	0.78	1.03	N/A	N/A	N/A	N/A	N/A
19	Exelon Corp.	1.16	0.83	0.81	0.82	0.84	1.09	1.12	0.88	0.99	1.50	1.77
20	FirstEnergy Corp.	0.97	0.64	0.77	0.82	0.98	0.83	0.80	0.96	0.77	1.20	1.42
21	Fortis Inc.	0.72	0.89	0.88	0.93	0.89	0.65	0.68	0.72	0.70	0.66	0.62
22	Great Plains Energy	0.79	N/A	N/A	N/A	N/A		N/A	0.95	0.85	0.80	0.56
23	Hawaiian Elec.	1.22	1.32	2.99	1.14	1.56	1.27	1.07	1.05	0.98	1.19	1.09
24	Hydro One Limited	0.87	0.63	0.60	0.63	0.72	1.21	0.96	0.97	N/A	N/A	N/A
25	IDACORP, Inc.	1.04	0.51	0.51	0.75	1.00	1.33	1.40	1.21	1.26	0.87	0.79
26	MGE Energy	1.07	1.04	0.97	0.98	1.12	0.82	0.82	1.41	1.10	1.42	0.75
27	NextEra Energy, Inc.	0.60	0.60	0.52	0.50	0.55	0.58	0.60	0.62	0.61	0.63	0.64
28	NorthWestern Corp	0.99	0.86	0.79	0.72	0.75	0.84	1.07	1.11	0.91	0.89	1.26
29	OGE Energy	0.93	1.06	1.02	1.03	0.87	1.24	1.27	1.00	0.84	0.61	0.74
30	Otter Tail Corp.	1.04	1.47	1.83	1.98	2.13	0.48	0.92	0.89	0.74	0.94	0.82
31	Pinnacle West Capital	0.92	0.77	0.70	0.73	0.89	0.91	1.00	0.83	0.93	0.98	1.04
32	TXNM Energy	0.68	0.52	0.51	0.55	0.63	0.72	0.77	0.66	0.77	0.76	0.58
33	Portland General	0.81	0.71	0.65	0.51	0.86	0.78	0.93	0.92	0.78	0.83	0.76
34	PPL Corp.	0.97	1.00	0.90	1.06	1.05	0.90	0.94	0.84	0.78	1.08	1.18
35	Public Serv. Enterprise	1.09	0.90	0.95	0.92	1.05	1.13	0.97	0.68	0.98	1.31	1.64
36	SCANA Corp.	0.86	N/A	N/A	N/A	N/A		N/A	0.78	0.84	0.83	0.98
37	Sempra Energy	0.78	0.60	0.59	0.61	0.92	0.77	0.81	0.68	0.77	0.88	0.90
38	Southern Co.	0.90	0.97	0.94	0.88	0.97	0.99	0.90	0.85	0.86	0.88	0.93
39	Vectren Corp.	1.00	N/A	N/A	N/A	N/A		N/A	0.88	1.06	1.11	0.93
40	WEC Energy Group	0.99	1.09	1.01	0.95	1.09	0.97	0.93	1.03	1.36	0.96	0.62
41	Westar Energy	0.72	N/A	N/A	N/A	N/A		N/A	0.80	0.70	0.76	0.61
42	Xcel Energy Inc.	0.75	0.61	0.66	0.75	0.93	0.66	0.74	0.75	0.68	0.83	0.79
43	Average	0.89	0.85	0.87	0.85	0.93	0.84	0.86	0.88	0.88	0.94	0.91
44	Median	0.84	0.86	0.82	0.82	0.87	0.81	0.83	0.86	0.84	0.89	0.91

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Notes:

[c] Based on the projected Cash Flow per share and Capital Spending per share
published in The Value Line Investment Survey, July 18, August 8, and September 5, 2025.

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

Price to Earnings (P/E) Ratio [1]

Line	Company	20-Year Average	2025 [2]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Atmos Energy	17.80	21.70	20.90	16.80	19.30	18.80	22.40	20.10	15.97	13.37	14.34
2	Chesapeake Utilities	19.55	20.60	21.60	21.60	25.80	25.60	23.07	23.07	16.03	13.53	16.25
3	New Jersey Resources	16.98	16.10	14.90	14.90	17.00	17.50	19.20	20.10	14.83	15.57	16.68
4	NiSource Inc.	21.97	22.00	20.10	16.90	19.60	18.00	19.77	41.63	19.83	16.33	16.69
5	Northwest Nat. Gas	19.89	13.60	13.70	15.40	19.60	19.50	27.50	25.30	20.40	17.07	16.88
6	ONE Gas Inc.	20.28	17.40	17.30	16.00	19.90	18.90	23.37	22.00	17.80	N/A	N/A
7	Southwest Gas	18.08	20.40	19.80	23.00	NMF	14.30	19.57	21.07	16.23	13.97	17.85
8	Spire Inc.	18.16	15.90	17.40	14.50	17.50	13.60	30.20	18.63	18.53	13.37	14.03
9	UGI Corp.	14.86	11.60	10.20	8.40	14.10	13.90	18.33	19.27	15.87	12.07	14.12
10	Average	18.46	17.70	17.32	16.39	19.10	17.79	22.60	23.46	17.28	14.41	15.85
11	Median	17.40	17.40	17.40	16.00	19.45	18.00	22.40	21.07	16.23	13.75	16.46

Market Price to Cash Flow (MP/CF) Ratio [1]

Line	Company	20-Year Average	2025 [2]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(22)	(23)	(24)	(25)	(26)
12	Atmos Energy	9.62	12.65	11.93	11.27	11.87	10.99	12.83	10.88	7.85	6.26	6.76
13	Chesapeake Utilities	11.03	13.39	14.44	15.77	14.21	14.20	12.91	12.00	8.28	7.73	8.62
14	New Jersey Resources	11.70	9.27	9.95	11.22	11.55	11.56	12.84	13.37	10.84	11.79	11.31
15	NiSource Inc.	7.94	9.63	7.98	7.13	8.13	7.89	8.52	10.35	9.03	5.32	6.14
16	Northwest Nat. Gas	11.61	6.34	6.96	7.56	8.76	8.57	11.66	26.92	8.98	8.76	8.37
17	ONE Gas Inc.	9.87	7.79	7.87	7.73	9.91	9.32	11.82	10.73	8.16	N/A	N/A
18	Southwest Gas	7.27	7.37	7.77	7.35	19.83	6.87	8.43	7.69	5.95	4.78	5.20
19	Spire Inc.	9.38	7.67	7.29	7.53	8.34	7.55	11.63	9.73	11.53	8.26	8.62
20	UGI Corp.	7.59	5.39	4.67	5.84	7.20	9.56	9.78	9.19	6.78	6.42	7.50
21	Average	9.47	8.83	8.76	9.04	11.09	9.61	11.16	12.32	8.60	7.42	7.82
22	Median	8.28	7.79	7.87	7.56	9.91	9.32	11.66	10.73	8.28	7.07	7.94

Market Price to Book Value (MP/BV) Ratio [1]

Line	Company	20-Year Average	2025 [2]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(22)	(23)	(24)	(25)	(26)
23	Atmos Energy	1.60	1.79	1.68	1.55	1.65	1.59	2.03	2.00	1.41	1.18	1.31
24	Chesapeake Utilities	2.05	1.88	1.91	1.93	2.69	2.77	2.49	2.32	1.87	1.46	1.78
25	New Jersey Resources	2.24	1.91	2.06	2.32	2.35	2.26	2.43	2.50	2.17	2.19	2.03
26	NiSource Inc.	1.54	1.54	1.40	1.14	2.15	1.86	1.99	1.92	1.63	0.92	1.10
27	Northwest Nat. Gas	1.75	1.12	1.15	1.29	1.51	1.45	2.23	1.99	1.62	1.73	1.90
28	ONE Gas Inc.	1.61	1.38	1.32	1.43	1.73	1.57	2.01	1.61	1.07	N/A	N/A
29	Southwest Gas	1.52	1.33	1.34	1.28	1.62	1.32	1.70	1.93	1.60	1.21	1.38
30	Spire Inc.	1.52	1.31	1.25	1.29	1.43	1.47	1.69	1.57	1.40	1.51	1.69
31	UGI Corp.	1.91	1.32	1.30	1.59	1.39	1.64	2.36	2.44	1.70	1.65	2.13
32	Average	1.75	1.51	1.49	1.53	1.83	1.77	2.10	2.03	1.61	1.48	1.66
33	Median	1.66	1.38	1.34	1.43	1.65	1.59	2.03	1.99	1.62	1.49	1.73

Sources:
The current year P/E ratio is based on the forward P/E (price over expected earnings per share). All historical year P/E ratios are based on annual average share price over achieved earnings per share.

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021. Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, August 22, 2025.

Notes:

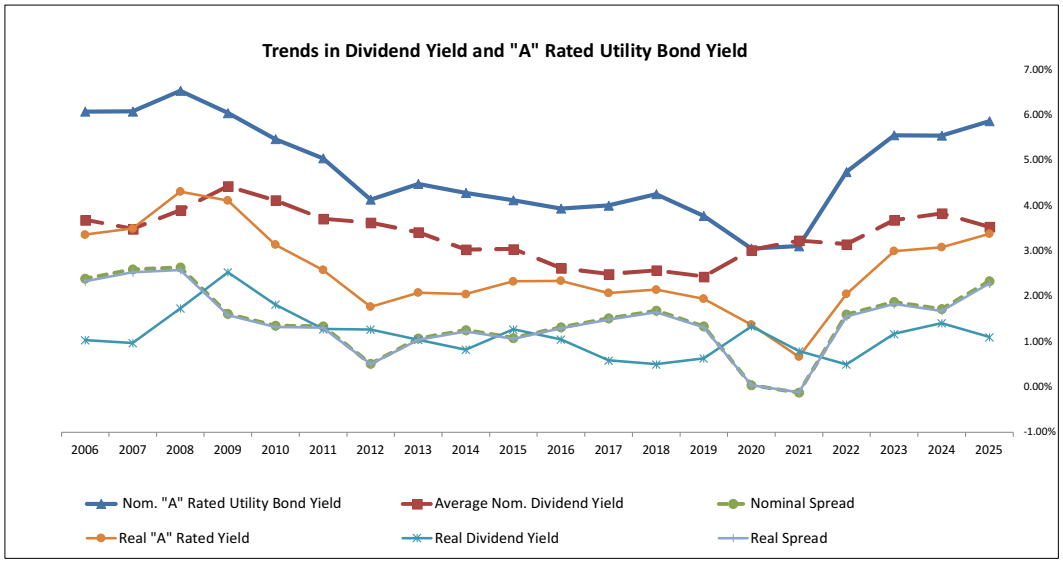
[a] Based on the average of the high and low price for year and the projected Cash Flow per share, published in The Value Line Investment Survey.

[b] Based on the average of the high and low price for the year and the projected Book Value per share, published in The Value Line Investment Survey.

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

Line	Company	Dividend Yield[1] 20-Year Average (1)	2025 [2/a] (2)	2024 (3)	2023 (4)	2022 (5)	2021 (6)	3-Year Averages 2018-2020 (7)	2015-2017 (8)	2012-2014 (9)	2009-2011 (10)	2006-2008 (11)
1	Atmos Energy	3.25%	2.29%	2.45%	2.62%	2.46%	2.63%	2.17%	2.51%	3.59%	4.74%	4.53%
2	Chesapeake Utilities	2.59%	2.10%	2.12%	2.08%	1.61%	1.50%	1.77%	1.93%	2.85%	3.79%	3.83%
3	New Jersey Resources	3.28%	3.81%	3.75%	3.29%	3.25%	3.50%	2.86%	2.90%	3.53%	3.49%	3.19%
4	NiSource Inc.	3.86%	2.84%	3.34%	3.85%	3.33%	3.60%	3.12%	3.03%	3.28%	5.94%	4.73%
5	Northwest Nat. Gas	3.74%	4.76%	4.93%	4.40%	3.86%	3.90%	3.06%	3.43%	4.06%	3.73%	3.37%
6	ONE Gas Inc.	2.88%	3.60%	3.87%	3.72%	3.08%	3.21%	2.47%	2.47%	2.28%	N/A	N/A
7	Southwest Gas	3.05%	3.43%	3.60%	4.07%	3.20%	3.65%	2.87%	2.65%	2.72%	3.32%	2.78%
8	Spire Inc.	3.89%	4.33%	4.65%	4.44%	3.89%	3.79%	3.15%	3.24%	3.95%	4.31%	4.24%
9	UGI Corp.	3.22%	4.60%	5.75%	4.64%	3.61%	3.25%	2.60%	2.29%	3.10%	3.34%	2.83%
10	**Average**	**3.35%**	**3.53%**	**3.83%**	**3.68%**	**3.14%**	**3.23%**	**2.67%**	**2.72%**	**3.26%**	**4.08%**	**3.69%**
11	Median	3.46%	3.60%	3.75%	3.85%	3.25%	3.50%	2.86%	2.65%	3.28%	3.76%	3.60%
12	20-Yr Treasury Yields[3]	3.39%	4.83%	4.50%	4.25%	3.30%	1.98%	2.26%	2.47%	2.91%	3.92%	4.75%
13	20-Yr TIPS[3]	1.18%	2.36%	2.06%	1.73%	0.64%	-0.43%	0.41%	0.73%	0.61%	1.71%	2.28%
14	Implied Inflation[b]	2.18%	2.41%	2.39%	2.48%	2.64%	2.42%	1.84%	1.73%	2.29%	2.17%	2.42%
15	**Real Dividend Yield[c]**	**1.14%**	**1.10%**	**1.40%**	**1.17%**	**0.49%**	**0.79%**	**0.82%**	**0.97%**	**0.95%**	**1.87%**	**1.24%**
	Utility											
16	**Nominal "A" Rated Yield[4]**	**4.80%**	**5.86%**	**5.54%**	**5.55%**	**4.74%**	**3.10%**	**3.69%**	**4.01%**	**4.29%**	**5.51%**	**6.22%**
17	**Real "A" Rated Yield**	**2.56%**	**3.37%**	**3.08%**	**2.99%**	**2.05%**	**0.67%**	**1.82%**	**2.24%**	**1.96%**	**3.27%**	**3.72%**
	Spreads (Utility Bond - Stock)											
18	**Nominal[d]**	**1.45%**	**2.33%**	**1.71%**	**1.87%**	**1.60%**	**-0.12%**	**1.02%**	**1.30%**	**1.03%**	**1.43%**	**2.54%**
19	**Real[e]**	**1.42%**	**2.28%**	**1.67%**	**1.82%**	**1.56%**	**-0.12%**	**1.00%**	**1.28%**	**1.01%**	**1.40%**	**2.48%**
	Spreads (Treasury Bond - Stock)											
20	**Nominal[f]**	**0.04%**	**1.30%**	**0.67%**	**0.57%**	**0.16%**	**-1.25%**	**-0.42%**	**-0.24%**	**-0.35%**	**-0.16%**	**1.07%**
21	**Real[g]**	**0.04%**	**1.27%**	**0.66%**	**0.56%**	**0.15%**	**-1.22%**	**-0.41%**	**-0.24%**	**-0.34%**	**-0.16%**	**1.04%**



Sources:
[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.
[2] The Value Line Investment Survey, August 22, 2025.
[3] St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org.
[4] Mergent Bond Record, through August 31, 2025.
Notes:
[a] Based on the average of the high and low price for the year and the projected Dividends Declared per share published in the Value Line Investment Survey.
[b] Line 16 = (1 + Line 14) / (1 + Line 15) - 1.
[c] Line 17 = (1 + Line 12) / (1 +Line 16) - 1.
[d] The spread being measured here is the nominal A-rated utility bond yield over the average nominal utility dividend yield; (Line 18 - Line 12).
[e] The spread being measured here is the real A-rated utility bond yield over the average real utility dividend yield; Line 19 - Line 17)
[f] The spread being measured here is the nominal 20-Year Treasury yield over the average nominal utility dividend yield; (Line 14 - Line 12).
[g] The spread being measured here is the real 20-Year TIPS yield over the average real utility dividend yield; Line 15 - Line 17)

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

		Dividend per Share[1]												
		20-Year						3-Year Averages					2018	2017
Line	Company	Average	2025 [2]	2024	2023	2022	2021	2018-2020	2015-2017	2012-2014	2009-2011	2006-2008	CAGR	CAGR
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Atmos Energy	1.92	3.48	3.22	2.96	2.72	2.50	2.11	1.68	1.42	1.34	1.28	2.01%	2.05%
2	Chesapeake Utilities	1.37	2.65	2.46	2.25	2.03	1.84	1.54	1.19	1.01	0.87	0.79	2.73%	2.82%
3	New Jersey Resources	1.02	1.80	1.71	1.56	1.45	1.36	1.19	0.98	0.81	0.67	0.51	3.51%	4.00%
4	NiSource Inc.	0.90	1.12	1.06	1.00	0.94	0.88	0.81	0.72	0.98	0.92	0.92	-0.82%	-1.69%
5	Northwest Nat. Gas	1.79	1.96	1.95	1.94	1.93	1.92	1.90	1.87	1.82	1.68	1.45	1.09%	1.34%
6	ONE Gas Inc.	1.99	2.68	2.64	2.60	2.48	2.32	2.00	1.43	0.84	N/A	N/A	2.27%	2.31%
7	Southwest Gas	1.69	2.48	2.48	2.48	2.48	2.38	2.18	1.80	1.32	1.00	0.86	4.24%	5.05%
8	Spire Inc.	2.08	3.14	3.02	2.88	2.74	2.60	2.37	1.97	1.71	1.57	1.45	2.07%	2.17%
9	UGI Corp.	0.95	1.50	1.50	1.47	1.41	1.35	1.16	0.93	0.75	0.60	0.48	3.57%	4.12%
10	**Average**	**1.48**	**2.31**	**2.23**	**2.13**	**2.02**	**1.91**	**1.70**	**1.40**	**1.18**	**1.08**	**0.97**	**2.30%**	**2.46%**
11	**Industry Average Growth**	**4.88%**	**3.84%**	**4.70%**	**5.28%**	**6.01%**	**5.54%**	**6.64%**	**6.41%**	**3.16%**	**4.06%**	**3.28%**		

Sources:
[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.
[2] The Value Line Investment Survey, August 22, 2025.

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

Line	Company	20-Year Average	Earnings per Share[1] 2025 [2]	2024	2023	2022	2021	3-Year Averages 2018-2020	2015-2017	2012-2014	2009-2011	2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Atmos Energy	3.70	7.35	6.83	6.10	5.60	5.12	4.36	3.36	2.52	2.13	1.98
2	Chesapeake Utilities	3.04	5.85	5.26	4.73	4.97	4.70	3.79	2.74	2.24	1.72	1.28
3	New Jersey Resources	1.85	3.25	2.95	2.70	2.50	2.16	2.25	1.71	1.60	1.24	1.02
4	NiSource Inc.	1.26	1.90	1.75	1.60	1.47	1.35	1.31	0.67	1.54	0.98	1.21
5	Northwest Nat. Gas	2.21	2.95	2.33	2.59	2.54	2.50	2.27	0.71	2.21	2.65	2.56
6	ONE Gas Inc.	3.40	4.35	3.91	4.14	4.08	3.85	3.48	2.64	2.07	N/A	N/A
7	Southwest Gas	2.87	3.20	2.76	2.13	3.10	3.80	3.92	3.24	2.99	2.21	1.77
8	Spire Inc.	3.17	4.65	4.19	3.85	3.95	4.96	3.10	3.28	2.39	2.74	2.44
9	UGI Corp.	2.09	3.25	3.06	2.84	2.90	2.96	2.56	2.12	1.56	1.51	1.20
10	**Average**	**2.55**	**4.08**	**3.67**	**3.41**	**3.46**	**3.49**	**3.00**	**2.27**	**2.12**	**1.90**	**1.68**
11	**Industry Average Growth**	**5.56%**	**11.23%**	**7.69%**	**-1.38%**	**-0.92%**	**18.27%**	**14.40%**	**-2.65%**	**5.77%**	**3.58%**	**3.74%**

Sources:

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, August 22, 2025.

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

		Cash Flow / Capital Spending[1]								
Line	Company	2019 (1)	2020 (2)	2021 (3)	2022 (4)	2023 (5)	2024 (6)	2025 (7)	2026[2] (8)	3 - 5 yr[2] Projection (9)
1	Atmos Energy	0.53x	0.53x	0.53x	0.54x	0.54x	0.55x	0.52x	0.56x	0.68x
2	Chesapeake Utilities	0.66x	0.64x	0.82x	1.23x	0.84x	0.61x	0.63x	0.65x	0.90x
3	New Jersey Resources	1.41x	0.65x	0.72x	0.59x	0.68x	1.03x	0.93x	0.89x	0.96x
4	NiSource Inc.	0.66x	0.65x	0.69x	0.55x	0.43x	0.54x	0.75x	0.69x	0.76x
5	Northwest Nat. Gas	0.77x	0.75x	0.61x	0.60x	0.68x	0.63x	0.68x	0.66x	0.65x
6	ONE Gas Inc.	0.78x	0.88x	0.86x	0.74x	0.83x	0.81x	0.81x	0.86x	0.99x
7	Southwest Gas	0.62x	0.53x	0.61x	0.31x	0.84x	0.76x	0.81x	0.84x	0.90x
8	Spire Inc.	0.65x	0.65x	0.70x	0.80x	0.71x	0.64x	0.65x	0.65x	0.85x
9	UGI Corp.	1.33x	1.54x	1.66x	1.42x	1.33x	1.24x	1.56x	1.45x	1.56x
10	Average	0.82x	0.76x	0.80x	0.75x	0.76x	0.76x	0.81x	0.81x	0.92x
11	Median	0.66x	0.65x	0.70x	0.60x	0.71x	0.64x	0.75x	0.69x	0.90x

Sources:

[1] The Value Line Investment Survey, various report dates.

[2] The Value Line Investment Survey, August 22, 2025.

Notes:

Based on the projected Cash Flow per share and Capital Spending per share.

Consumers Energy Company

Natural Gas Utilities
(Valuation Metrics)

Percent Dividends to Book Value [1]

Line	Company	20-Year Average	2025 [2/a]	2024	2023	2022	2021	3-Year Averages 2018-2020	3-Year Averages 2015-2017	3-Year Averages 2012-2014	3-Year Averages 2009-2011	3-Year Averages 2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Atmos Energy	4.90%	4.10%	4.11%	4.04%	4.07%	4.19%	4.38%	4.97%	5.00%	5.53%	5.94%
2	Chesapeake Utilities	4.98%	3.95%	4.05%	4.01%	4.32%	4.15%	4.38%	4.45%	5.27%	5.50%	6.77%
3	New Jersey Resources	7.27%	7.27%	7.73%	7.65%	7.63%	7.92%	6.77%	7.21%	7.64%	7.63%	6.45%
4	NiSource Inc.	5.50%	4.36%	4.67%	4.40%	7.15%	6.69%	6.20%	5.81%	5.23%	5.22%	5.11%
5	Northwest Nat. Gas	6.35%	5.35%	5.66%	5.69%	5.83%	5.66%	6.81%	6.70%	6.58%	6.48%	6.37%
6	ONE Gas Inc.	4.57%	4.99%	5.09%	5.32%	5.31%	5.04%	4.94%	3.92%	2.44%	N/A	N/A
7	Southwest Gas	4.53%	4.57%	4.83%	5.20%	5.17%	4.80%	4.85%	5.07%	4.35%	3.92%	3.79%
8	Spire Inc.	5.85%	5.69%	5.83%	5.73%	5.58%	5.56%	5.31%	5.07%	5.52%	6.46%	7.16%
9	UGI Corp.	5.79%	6.07%	7.46%	7.35%	5.02%	5.34%	5.92%	5.55%	5.19%	5.51%	6.03%
10	Average	5.58%	5.15%	5.49%	5.49%	5.57%	5.48%	5.51%	5.42%	5.25%	5.78%	5.95%
11	Median	5.31%	4.99%	5.09%	5.32%	5.31%	5.34%	5.31%	5.07%	5.23%	5.52%	6.20%

Dividends to Earnings Ratio [1]

Line	Company	20-Year Average	2025 [2/a]	2024	2023	2022	2021	3-Year Averages 2018-2020	3-Year Averages 2015-2017	3-Year Averages 2012-2014	3-Year Averages 2009-2011	3-Year Averages 2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
12	Atmos Energy	0.55	0.47	0.47	0.49	0.49	0.49	0.49	0.50	0.57	0.63	0.65
13	Chesapeake Utilities	0.47	0.45	0.47	0.48	0.41	0.39	0.41	0.43	0.45	0.51	0.62
14	New Jersey Resources	0.55	0.55	0.58	0.58	0.58	0.63	0.54	0.58	0.52	0.54	0.53
15	NiSource Inc.	0.79	0.59	0.61	0.63	0.64	0.65	0.62	1.25	0.64	0.95	0.77
16	Northwest Nat. Gas	0.66	0.66	0.84	0.75	0.76	0.77	0.84	0.29	0.83	0.64	0.57
17	ONE Gas Inc.	0.57	0.62	0.68	0.63	0.61	0.60	0.57	0.54	0.41	N/A	N/A
18	Southwest Gas	0.59	0.78	0.90	1.16	0.80	0.63	0.56	0.56	0.44	0.46	0.50
19	Spire Inc.	0.69	0.68	0.72	0.75	0.69	0.52	0.97	0.60	0.73	0.58	0.59
20	UGI Corp.	0.45	0.46	0.49	0.52	0.49	0.46	0.46	0.44	0.49	0.40	0.40
21	Average	0.59	0.58	0.64	0.66	0.61	0.57	0.61	0.58	0.57	0.59	0.58
22	Median	0.58	0.59	0.61	0.63	0.61	0.60	0.56	0.54	0.52	0.56	0.58

Cash Flow to Capital Spending Ratio [1]

Line	Company	20-Year Average	2025 [2/a]	2024	2023	2022	2021	3-Year Averages 2018-2020	3-Year Averages 2015-2017	3-Year Averages 2012-2014	3-Year Averages 2009-2011	3-Year Averages 2006-2008
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
23	Atmos Energy	0.64	0.52	0.58	0.53	0.54	0.58	0.53	0.60	0.60	0.74	0.86
24	Chesapeake Utilities	0.74	0.59	0.52	0.81	1.23	0.81	0.60	0.51	0.72	1.12	0.70
25	New Jersey Resources	1.16	0.78	0.87	0.82	0.59	0.62	0.69	0.66	1.58	1.60	1.97
26	NiSource Inc.	0.74	0.75	0.71	0.61	0.55	0.68	0.62	0.51	0.59	0.97	1.14
27	Northwest Nat. Gas	0.88	0.68	0.65	0.67	0.60	0.68	0.69	0.76	1.05	0.97	1.30
28	ONE Gas Inc.	0.83	0.82	0.74	0.77	0.74	0.86	0.85	0.88	0.79	N/A	N/A
29	Southwest Gas	0.81	0.78	0.67	0.68	0.31	0.86	0.59	0.78	0.98	1.16	0.78
30	Spire Inc.	0.99	0.65	0.60	0.69	0.80	0.75	0.54	0.87	0.90	1.69	1.45
31	UGI Corp.	1.46	1.53	1.52	1.18	1.42	1.32	1.48	1.37	1.46	1.39	1.68
32	Average	0.93	0.79	0.76	0.75	0.75	0.80	0.73	0.77	0.96	1.20	1.23
33	Median	0.84	0.75	0.67	0.69	0.60	0.75	0.62	0.76	0.90	1.14	1.22

Sources:

[1] Data for years 2019 and prior were retrieved from the Value Line Investment Survey Investment Analyzer Software, downloaded on June 18, 2021.
Data for the years 2020 - 2024 was retrieved from Value Line Investment Surveys.

[2] The Value Line Investment Survey, August 22, 2025.

Notes:

[a] Based on the projected Dividends Declared per share and Book Value per share, published in The Value Line Investment Survey.

[b] Based on the projected Dividends Declared per share and Earnings per share, published in The Value Line Investment Survey.

[c] Based on the projected Cash Flow per share and Capital Spending per share, published in The Value Line Investment Survey.

Consumers Energy Company

Proxy Group

Line	Company	Credit Ratings[1] S&P (1)	Credit Ratings[1] Moody's (2)	Common Equity Ratios MI[1] (3)	Common Equity Ratios Value Line[2] (4)
1	Alliant Energy Corporation	BBB+	Baa2	39.7%	44.7%
2	Ameren Corporation	BBB+	Baa1	39.0%	45.3%
3	American Electric Power Company, Inc.	BBB+	Baa2	36.9%	42.4%
4	Avista Corporation	BBB	Baa2	45.3%	49.0%
5	Dominion Energy, Inc.	BBB+	Baa2	46.7%	40.5%
6	DTE Energy Company	BBB+	Baa2	33.5%	38.2%
7	Duke Energy Corporation	BBB+	Baa2	35.9%	38.9%
8	Entergy Corporation	BBB+	Baa2	33.7%	36.0%
9	Evergy, Inc.	BBB+	Baa2	41.1%	48.5%
10	IDACORP, Inc.	BBB	Baa2	52.0%	52.2%
11	NextEra Energy, Inc.	A-	Baa1	34.7%	40.9%
12	OGE Energy Corp.	BBB+	Baa1	45.5%	49.2%
13	Pinnacle West Capital Corporation	BBB+	Baa2	37.7%	45.6%
14	Portland General Electric Company	BBB+	A3	42.5%	45.0%
15	PPL Corporation	A-	Baa1	45.6%	49.1%
16	Southern Company	A-	Baa1	32.3%	36.8%
17	Xcel Energy Inc.	BBB+	Baa1	39.2%	41.7%
18	**Average**	**BBB+**	**Baa2**	**40.1%**	**43.8%**
19	**Median**			**39.2%**	**44.7%**
20	**Consumers[3,4]**	**A-**	**A3**		**50.75%**

Sources:

Note: If credit rating/common equity ratio unavailable for utility, subsidiary data used.

[1] S&P Global Market Intelligence, Downloaded on September 12, 2025.

[2] *The Value Line Investment Survey* , July 18, August 8, and September 5, 2025.

[3] S&P Capital IQ.

[4] Direct Testimony of Marc R. Bleckman, page 6.

Consumers Energy Company

Consensus Analysts' Growth Rates

Line	Company	Zacks[1] (1)	S&P[2] (2)	I/B/E/S[3] (3)	Average of Growth Rates (4)
1	Alliant Energy Corporation	6.59%	6.80%	6.40%	6.60%
2	Ameren Corporation	7.86%	7.72%	8.90%	8.16%
3	American Electric Power Company, Inc.	6.43%	7.07%	6.65%	6.72%
4	Avista Corporation	5.82%	5.98%	6.90%	6.23%
5	Dominion Energy, Inc.	13.59%	13.98%	N/A	13.79%
6	DTE Energy Company	6.98%	7.33%	6.90%	7.07%
7	Duke Energy Corporation	6.56%	6.69%	6.77%	6.67%
8	Entergy Corporation	9.46%	10.15%	9.65%	9.75%
9	Evergy, Inc.	5.73%	5.87%	6.00%	5.87%
10	IDACORP, Inc.	8.20%	8.60%	8.00%	8.27%
11	NextEra Energy, Inc.	7.89%	7.63%	8.05%	7.86%
12	OGE Energy Corp.	6.32%	6.64%	5.60%	6.19%
13	Pinnacle West Capital Corporation	2.12%	4.51%	2.20%	2.94%
14	Portland General Electric Company	3.39%	4.66%	3.49%	3.85%
15	PPL Corporation	7.67%	7.42%	7.80%	7.63%
16	Southern Company	6.77%	6.58%	7.25%	6.87%
17	Xcel Energy Inc.	7.79%	8.06%	8.80%	8.22%
18	**Average**	**7.01%**	**7.39%**	**6.83%**	**7.22%**
19	**Median**	**6.77%**	**7.07%**	**6.90%**	**6.87%**

Sources:

[1] Zacks, http://www.zacks.com/, downloaded on September 12, 2025.

[2] S&P Global Market Intelligence, https://platform.mi.spglobal.com, downloaded on September 12, 2025.

[3] LSEG Workspace, https://www.lseg.com/en/data-analytics/products/workspace, downloaded on September 12, 2025.

Consumers Energy Company

Constant Growth DCF Model
(Consensus Analysts' Growth Rates)

Line	Company	13-Week AVG Stock Price[1] (1)	Analysts' Growth[2] (2)	Annualized Dividend[3] (3)	Adjusted Yield (4)	Constant Growth DCF (5)
1	Alliant Energy Corporation	$63.75	6.60%	$2.03	3.40%	9.99%
2	Ameren Corporation	$98.85	8.16%	$2.84	3.11%	11.27%
3	American Electric Power Company, Inc.	$108.24	6.72%	$3.72	3.67%	10.39%
4	Avista Corporation	$37.33	6.23%	$1.96	5.58%	11.81%
5	Dominion Energy, Inc.	$58.53	13.79%	$2.67	5.19%	18.98%
6	DTE Energy Company	$136.09	7.07%	$4.36	3.43%	10.50%
7	Duke Energy Corporation	$120.29	6.67%	$4.26	3.78%	10.45%
8	Entergy Corporation	$86.44	9.75%	$2.40	3.05%	12.80%
9	Evergy, Inc.	$70.27	5.87%	$2.67	4.02%	9.89%
10	IDACORP, Inc.	$121.31	8.27%	$3.44	3.07%	11.34%
11	NextEra Energy, Inc.	$72.88	7.86%	$2.27	3.35%	11.21%
12	OGE Energy Corp.	$44.65	6.19%	$1.69	4.01%	10.19%
13	Pinnacle West Capital Corporation	$90.38	2.94%	$3.58	4.08%	7.02%
14	Portland General Electric Company	$41.57	3.85%	$2.10	5.25%	9.09%
15	PPL Corporation	$35.46	7.63%	$1.09	3.31%	10.94%
16	Southern Company	$92.82	6.87%	$2.96	3.41%	10.27%
17	Xcel Energy Inc.	$70.80	8.22%	$2.28	3.48%	11.70%
18	**Average**	**$79.39**	**7.22%**	**$2.72**	**3.83%**	**11.05%**
19	**Median**	**$72.88**	**6.87%**	**$2.67**	**3.48%**	**10.50%**

Sources:
[1] S&P Global Market Intelligence, Downloaded on September 12, 2025.
[2] Exhibit AB-7
[3] *The Value Line Investment Survey* , July 18, August 8, and September 5, 2025.

Consumers Energy Company

Payout Ratios

Line	Company	Dividends Per Share		Earnings Per Share		Payout Ratio	
		2024	Projected	2024	Projected	2024	Projected
		(1)	(2)	(3)	(4)	(5)	(6)
1	Alliant Energy Corporation	$1.92	$2.43	$2.69	$4.25	71.38%	57.18%
2	Ameren Corporation	$2.68	$3.57	$4.59	$6.60	58.39%	54.09%
3	American Electric Power Company, Inc.	$3.57	$4.31	$5.61	$7.30	63.64%	59.04%
4	Avista Corporation	$1.90	$2.20	$2.29	$3.10	82.97%	70.97%
5	Dominion Energy, Inc.	$2.67	$2.67	$2.77	$4.25	96.39%	62.82%
6	DTE Energy Company	$4.15	$5.15	$6.77	$9.25	61.30%	55.68%
7	Duke Energy Corporation	$4.14	$5.00	$5.90	$8.00	70.17%	62.50%
8	Entergy Corporation	$2.30	$3.00	$2.45	$4.20	93.88%	71.43%
9	Evergy, Inc.	$2.60	$3.25	$3.80	$5.00	68.42%	65.00%
10	IDACORP, Inc.	$3.35	$4.20	$5.50	$7.10	60.91%	59.15%
11	NextEra Energy, Inc.	$2.06	$3.22	$3.43	$5.10	60.06%	63.14%
12	OGE Energy Corp.	$1.68	$1.79	$2.19	$2.95	76.71%	60.68%
13	Pinnacle West Capital Corporation	$3.55	$4.00	$5.24	$6.45	67.75%	62.02%
14	Portland General Electric Company	$1.98	$2.58	$3.14	$4.00	63.06%	64.50%
15	PPL Corporation	$1.03	$1.40	$1.68	$2.40	61.31%	58.33%
16	Southern Company	$2.86	$3.10	$4.06	$5.60	70.44%	55.36%
17	Xcel Energy Inc.	$2.19	$3.00	$3.50	$5.00	62.57%	60.00%
18	**Average**	**$2.63**	**$3.23**	**$3.86**	**$5.33**	**69.96%**	**61.29%**

Source:
The Value Line Investment Survey , July 18, August 8, and September 5, 2025.

Consumers Energy Company

Sustainable Growth Rate

		3 to 5 Year Projections										Sustainable
Line	Company	Dividends Per Share (1)	Earnings Per Share (2)	Book Value Per Share (3)	Book Value Growth (4)	ROE (5)	Adjustment Factor (6)	Adjusted ROE (7)	Payout Ratio (8)	Retention Rate (9)	Internal Growth Rate (10)	Growth Rate (11)
1	Alliant Energy Corporation	$2.43	$4.25	$31.90	3.17%	13.32%	1.02	13.53%	57.18%	42.82%	5.79%	5.83%
2	Ameren Corporation	$3.57	$6.60	$52.65	4.24%	12.54%	1.02	12.80%	54.09%	45.91%	5.87%	7.60%
3	American Electric Power Company, Inc.	$4.31	$7.30	$60.90	3.76%	11.99%	1.02	12.21%	59.04%	40.96%	5.00%	5.72%
4	Avista Corporation	$2.20	$3.10	$36.00	2.15%	8.61%	1.01	8.70%	70.97%	29.03%	2.53%	2.71%
5	Dominion Energy, Inc.	$2.67	$4.25	$37.25	3.86%	11.41%	1.02	11.63%	62.82%	37.18%	4.32%	4.91%
6	DTE Energy Company	$5.15	$9.25	$63.10	2.48%	14.66%	1.01	14.84%	55.68%	44.32%	6.58%	6.58%
7	Duke Energy Corporation	$5.00	$8.00	$76.50	3.85%	10.46%	1.02	10.65%	62.50%	37.50%	4.00%	4.09%
8	Entergy Corporation	$3.00	$4.20	$43.45	4.35%	9.67%	1.02	9.87%	71.43%	28.57%	2.82%	4.83%
9	Evergy, Inc.	$3.25	$5.00	$47.50	1.81%	10.53%	1.01	10.62%	65.00%	35.00%	3.72%	3.72%
10	IDACORP, Inc.	$4.20	$7.10	$72.25	3.20%	9.83%	1.02	9.98%	59.15%	40.85%	4.08%	4.80%
11	NextEra Energy, Inc.	$3.22	$5.10	$36.00	8.12%	14.17%	1.04	14.72%	63.14%	36.86%	5.43%	8.12%
12	OGE Energy Corp.	$1.79	$2.95	$26.25	2.80%	11.24%	1.01	11.39%	60.68%	39.32%	4.48%	4.48%
13	Pinnacle West Capital Corporation	$4.00	$6.45	$70.20	4.36%	9.19%	1.02	9.38%	62.02%	37.98%	3.56%	4.14%
14	Portland General Electric Company	$2.58	$4.00	$42.25	4.02%	9.47%	1.02	9.65%	64.50%	35.50%	3.43%	3.80%
15	PPL Corporation	$1.40	$2.40	$23.45	4.22%	10.23%	1.02	10.45%	58.33%	41.67%	4.35%	4.35%
16	Southern Company	$3.10	$5.60	$32.25	1.56%	17.36%	1.01	17.50%	55.36%	44.64%	7.81%	8.73%
17	Xcel Energy Inc.	$3.00	$5.00	$43.70	5.15%	11.44%	1.03	11.73%	60.00%	40.00%	4.69%	5.46%
18	**Average**	**$3.23**	**$5.33**	**$46.80**	**3.71%**	**11.54%**	**1.02**	**11.74%**	**61.29%**	**38.71%**	**4.62%**	**5.29%**
19	**Median**											**4.83%**

Sources and Notes:
Cols. (1), (2) and (3): *The Value Line Investment Survey*, July 18, August 8, and September 5, 2025.
Col. (4): [Col. (3) / Page 2 Col. (2)] ^ (1/number of years projected) - 1.
Col. (5): Col. (2) / Col. (3).
Col. (6): [2 * (1 + Col. (4))] / (2 + Col. (4)).
Col. (7): Col. (6) * Col. (5).
Col. (8): Col. (1) / Col. (2).
Col. (9): 1 - Col. (8).
Col. (10): Col. (9) * Col. (7).
Col. (11): Col. (10) + Page 2 Col. (9).

Consumers Energy Company

Sustainable Growth Rate

Line	Company	13-Week Average Stock Price[1] (1)	2024 Book Value Per Share[2] (2)	Market to Book Ratio (3)	Common Shares Outstanding (in Millions)[2] 2024 (4)	Common Shares Outstanding (in Millions)[2] 3-5 Years (5)	Growth (6)	S Factor[3] (7)	V Factor[4] (8)	S * V (9)
1	Alliant Energy Corporation	$63.75	$27.29	2.34	256.69	257.00	0.02%	0.06%	57.19%	0.03%
2	Ameren Corporation	$98.85	$42.78	2.31	266.93	285.00	1.32%	3.05%	56.72%	1.73%
3	American Electric Power Company, Inc.	$108.24	$50.63	2.14	532.90	550.00	0.63%	1.35%	53.22%	0.72%
4	Avista Corporation	$37.33	$32.37	1.15	80.04	85.00	1.21%	1.40%	13.30%	0.19%
5	Dominion Energy, Inc.	$58.53	$30.82	1.90	852.00	880.00	0.65%	1.23%	47.34%	0.58%
6	DTE Energy Company	$136.09	$55.82	2.44	207.17	206.00	- 0.11%	- 0.28%	58.98%	- 0.16%
7	Duke Energy Corporation	$120.29	$63.34	1.90	776.00	780.00	0.10%	0.20%	47.35%	0.09%
8	Entergy Corporation	$86.44	$35.11	2.46	429.58	460.00	1.38%	3.39%	59.38%	2.01%
9	Evergy, Inc.	$70.27	$43.43	1.62	229.98	230.00	0.00%	0.00%	38.19%	0.00%
10	IDACORP, Inc.	$121.31	$61.73	1.97	53.96	56.00	0.74%	1.46%	49.11%	0.72%
11	NextEra Energy, Inc.	$72.88	$24.36	2.99	2,057.00	2,200.00	1.35%	4.05%	66.58%	2.70%
12	OGE Energy Corp.	$44.65	$22.87	1.95	200.90	200.20	- 0.07%	- 0.14%	48.78%	- 0.07%
13	Pinnacle West Capital Corporation	$90.38	$56.71	1.59	119.10	125.00	0.97%	1.55%	37.25%	0.58%
14	Portland General Electric Company	$41.57	$34.70	1.20	109.34	120.00	1.88%	2.25%	16.52%	0.37%
15	PPL Corporation	$35.46	$19.07	1.86	738.03	738.00	- 0.00%	- 0.00%	46.22%	- 0.00%
16	Southern Company	$92.82	$29.85	3.11	1,096.00	1,120.00	0.43%	1.35%	67.84%	0.92%
17	Xcel Energy Inc.	$70.80	$33.99	2.08	574.37	595.00	0.71%	1.48%	51.99%	0.77%
	Average	**$79.39**	**$39.11**	**2.06**	**504.71**	**522.78**	**0.66%**	**1.32%**	**48.00%**	**0.66%**

Sources and Notes:
[1] S&P Global Market Intelligence, Downloaded on September 12, 2025.
[2] *The Value Line Investment Survey*, July 18, August 8, and September 5, 2025.
[3] Expected Growth in the Number of Shares, Column (3) * Column (6).
[4] Expected Profit of Stock Investment, [1 - 1 / Column (3)].

Consumers Energy Company

Constant Growth DCF Model
(Sustainable Growth Rate)

Line	Company	13-Week AVG Stock Price[1] (1)	Sustainable Growth[2] (2)	Annualized Dividend[3] (3)	Adjusted Yield (4)	Constant Growth DCF (5)
1	Alliant Energy Corporation	$63.75	5.83%	$2.03	3.37%	9.20%
2	Ameren Corporation	$98.85	7.60%	$2.84	3.09%	10.69%
3	American Electric Power Company, Inc.	$108.24	5.72%	$3.72	3.63%	9.35%
4	Avista Corporation	$37.33	2.71%	$1.96	5.39%	8.10%
5	Dominion Energy, Inc.	$58.53	4.91%	$2.67	4.79%	9.69%
6	DTE Energy Company	$136.09	6.58%	$4.36	3.41%	9.99%
7	Duke Energy Corporation	$120.29	4.09%	$4.26	3.69%	7.77%
8	Entergy Corporation	$86.44	4.83%	$2.40	2.91%	7.75%
9	Evergy, Inc.	$70.27	3.72%	$2.67	3.94%	7.66%
10	IDACORP, Inc.	$121.31	4.80%	$3.44	2.97%	7.77%
11	NextEra Energy, Inc.	$72.88	8.12%	$2.27	3.36%	11.48%
12	OGE Energy Corp.	$44.65	4.48%	$1.69	3.94%	8.42%
13	Pinnacle West Capital Corporation	$90.38	4.14%	$3.58	4.13%	8.27%
14	Portland General Electric Company	$41.57	3.80%	$2.10	5.24%	9.04%
15	PPL Corporation	$35.46	4.35%	$1.09	3.21%	7.57%
16	Southern Company	$92.82	8.73%	$2.96	3.47%	12.20%
17	Xcel Energy Inc.	$70.80	5.46%	$2.28	3.40%	8.85%
18	**Average**	**$79.39**	**5.29%**	**$2.72**	**3.76%**	**9.05%**
19	**Median**					**8.85%**

Sources:
[1] S&P Global Market Intelligence, Downloaded on September 12, 2025.
[2] Exhibit AB-10, page 1.
[3] *The Value Line Investment Survey* , July 18, August 8, and September 5, 2025.

Consumers Energy Company

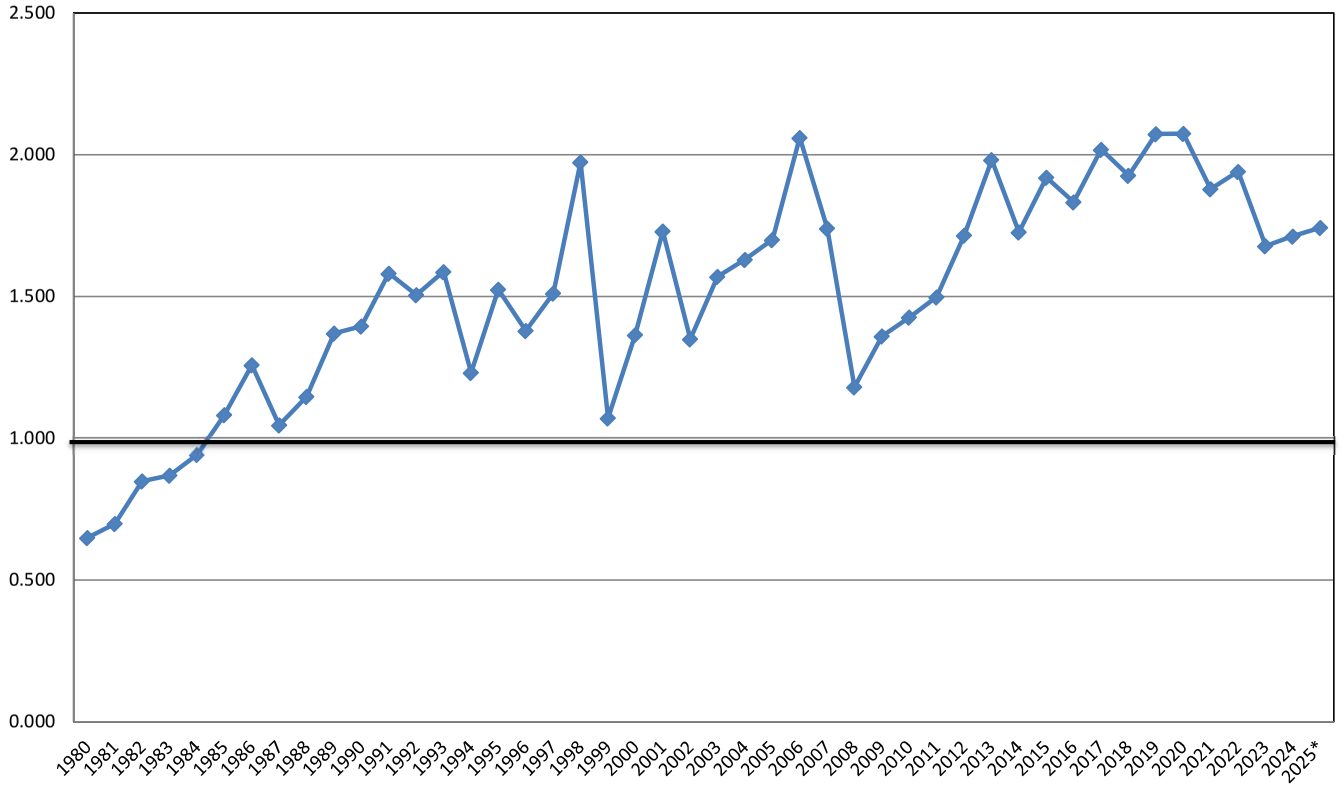
Multi-Stage Growth DCF Model

Line	Company	13-Week AVG Stock Price[1] (1)	Annualized Dividend[2] (2)	First Stage Growth[3] (3)	Second Stage Growth Year 6 (4)	Year 7 (5)	Year 8 (6)	Year 9 (7)	Year 10 (8)	Third Stage Growth[4] (9)	Multi-Stage Growth DCF (10)
1	Alliant Energy Corporation	$63.75	$2.03	6.60%	6.18%	5.76%	5.34%	4.93%	4.51%	4.09%	7.98%
2	Ameren Corporation	$98.85	$2.84	8.16%	7.48%	6.80%	6.12%	5.45%	4.77%	4.09%	7.96%
3	American Electric Power Company, Inc.	$108.24	$3.72	6.72%	6.28%	5.84%	5.40%	4.97%	4.53%	4.09%	8.31%
4	Avista Corporation	$37.33	$1.96	6.23%	5.88%	5.52%	5.16%	4.80%	4.45%	4.09%	10.30%
5	Dominion Energy, Inc.	$58.53	$2.67	13.79%	12.17%	10.55%	8.94%	7.32%	5.71%	4.09%	12.27%
6	DTE Energy Company	$136.09	$4.36	7.07%	6.57%	6.08%	5.58%	5.08%	4.59%	4.09%	8.11%
7	Duke Energy Corporation	$120.29	$4.26	6.67%	6.24%	5.81%	5.38%	4.95%	4.52%	4.09%	8.42%
8	Entergy Corporation	$86.44	$2.40	9.75%	8.81%	7.87%	6.92%	5.98%	5.03%	4.09%	8.21%
9	Evergy, Inc.	$70.27	$2.67	5.87%	5.57%	5.27%	4.98%	4.68%	4.39%	4.09%	8.51%
10	IDACORP, Inc.	$121.31	$3.44	8.27%	7.57%	6.88%	6.18%	5.48%	4.79%	4.09%	7.93%
11	NextEra Energy, Inc.	$72.88	$2.27	7.86%	7.23%	6.60%	5.97%	5.35%	4.72%	4.09%	8.19%
12	OGE Energy Corp.	$44.65	$1.69	6.19%	5.84%	5.49%	5.14%	4.79%	4.44%	4.09%	8.57%
13	Pinnacle West Capital Corporation	$90.38	$3.58	2.94%	3.13%	3.33%	3.52%	3.71%	3.90%	4.09%	7.92%
14	Portland General Electric Company	$41.57	$2.10	3.85%	3.89%	3.93%	3.97%	4.01%	4.05%	4.09%	9.27%
15	PPL Corporation	$35.46	$1.09	7.63%	7.04%	6.45%	5.86%	5.27%	4.68%	4.09%	8.10%
16	Southern Company	$92.82	$2.96	6.87%	6.40%	5.94%	5.48%	5.02%	4.55%	4.09%	8.04%
17	Xcel Energy Inc.	$70.80	$2.28	8.22%	7.53%	6.84%	6.15%	5.47%	4.78%	4.09%	8.43%
18	**Average**	**$79.39**	**$2.72**	**7.22%**	**6.69%**	**6.17%**	**5.65%**	**5.13%**	**4.61%**	**4.09%**	**8.62%**
19	**Median**										**8.21%**

Sources:
[1] S&P Global Market Intelligence, Downloaded on September 12, 2025.
[2] *The Value Line Investment Survey* , July 18, August 8, and September 5, 2025.
[3] Exhibit AB-7
[4] *Blue Chip Financial Forecasts,* June 2, 2025, at page 14.

Consumers Energy Company

Common Stock Market/Book Ratio



Source:
1980 - 2000: Mergent Public Utility Manual.
2001 - 2015: AUS Utility Reports, multiple dates.
2016 - 2023: Value Line Investment Survey, multiple dates.
* Value Line Investment Survey Reports July 18, August 8, August 22, and September 5, 2025.

Consumers Energy Company

Equity Risk Premium - Treasury Bond

Line	Year	Authorized Electric Returns[1] (1)	30 yr. Treasury Bond Yield[2] (2)	Indicated Risk Premium (3)	Rolling 5 - Year Average (4)	Rolling 10 - Year Average (5)
1	1986	13.93%	7.80%	6.13%		
2	1987	12.99%	8.58%	4.41%		
3	1988	12.79%	8.96%	3.83%		
4	1989	12.97%	8.45%	4.52%		
5	1990	12.70%	8.61%	4.09%	4.60%	
6	1991	12.55%	8.14%	4.41%	4.25%	
7	1992	12.09%	7.67%	4.42%	4.26%	
8	1993	11.41%	6.60%	4.81%	4.45%	
9	1994	11.34%	7.37%	3.97%	4.34%	
10	1995	11.55%	6.88%	4.67%	4.46%	4.53%
11	1996	11.39%	6.70%	4.69%	4.51%	4.38%
12	1997	11.40%	6.61%	4.79%	4.59%	4.42%
13	1998	11.66%	5.58%	6.08%	4.84%	4.65%
14	1999	10.77%	5.87%	4.90%	5.03%	4.68%
15	2000	11.43%	5.94%	5.49%	5.19%	4.82%
16	2001	11.09%	5.49%	5.60%	5.37%	4.94%
17	2002	11.16%	5.43%	5.73%	5.56%	5.07%
18	2003	10.97%	4.96%	6.01%	5.55%	5.19%
19	2004	10.75%	5.05%	5.70%	5.71%	5.37%
20	2005	10.54%	4.65%	5.89%	5.79%	5.49%
21	2006	10.34%	4.87%	5.47%	5.76%	5.57%
22	2007	10.31%	4.83%	5.48%	5.71%	5.64%
23	2008	10.37%	4.28%	6.09%	5.73%	5.64%
24	2009	10.52%	4.07%	6.45%	5.88%	5.79%
25	2010	10.29%	4.25%	6.04%	5.91%	5.85%
26	2011	10.19%	3.91%	6.28%	6.07%	5.91%
27	2012	10.02%	2.92%	7.10%	6.39%	6.05%
28	2013	9.82%	3.45%	6.37%	6.45%	6.09%
29	2014	9.76%	3.34%	6.42%	6.44%	6.16%
30	2015	9.60%	2.84%	6.76%	6.58%	6.24%
31	2016	9.60%	2.60%	7.00%	6.73%	6.40%
32	2017	9.68%	2.90%	6.78%	6.66%	6.53%
33	2018	9.56%	3.11%	6.45%	6.68%	6.56%
34	2019	9.65%	2.58%	7.07%	6.81%	6.63%
35	2020	9.39%	1.56%	7.83%	7.02%	6.80%
36	2021	9.39%	2.05%	7.34%	7.09%	6.91%
37	2022	9.58%	3.12%	6.46%	7.03%	6.85%
38	2023	9.66%	4.09%	5.57%	6.85%	6.77%
39	2024	9.78%	4.41%	5.37%	6.51%	6.66%
40	2025 [3]	9.68%	4.77%	4.91%	5.93%	6.48%
41	**Average**	**10.82%**	**5.13%**	**5.68%**	**5.74%**	**5.78%**
42	**Minimum**				**4.25%**	**4.38%**
43	**Maximum**				**7.09%**	**6.91%**

Sources:

[1] *Regulatory Research Associates, Inc* ., Regulatory Focus, Major Rate Case Decisions, Jan. 1997 p. 5, and Jan. 2011 p. 3.
S&P Global Market Intelligence, RRA Regulatory Focus, Major Rate Case Decisions, January - June, 2025, July 25, 2025 at page 3.
2006 - 2025 Authorized Returns exclude limited issue rider cases.

[2] St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org/.
The yields from 2002 to 2005 represent the 20-Year Treasury yields obtained from the Federal Reserve Bank.

[3] Data represents January - June, 2025.

Consumers Energy Company

Equity Risk Premium - Utility Bond

Line	Year	Authorized Electric Returns[1] (1)	Average "A" Rated Utility Bond Yield[2] (2)	Indicated Risk Premium (3)	Rolling 5 - Year Average (4)	Rolling 10 - Year Average (5)
1	1986	13.93%	9.58%	4.35%		
2	1987	12.99%	10.10%	2.89%		
3	1988	12.79%	10.49%	2.30%		
4	1989	12.97%	9.77%	3.20%		
5	1990	12.70%	9.86%	2.84%	3.12%	
6	1991	12.55%	9.36%	3.19%	2.88%	
7	1992	12.09%	8.69%	3.40%	2.99%	
8	1993	11.41%	7.59%	3.82%	3.29%	
9	1994	11.34%	8.31%	3.03%	3.26%	
10	1995	11.55%	7.89%	3.66%	3.42%	3.27%
11	1996	11.39%	7.75%	3.64%	3.51%	3.20%
12	1997	11.40%	7.60%	3.80%	3.59%	3.29%
13	1998	11.66%	7.04%	4.62%	3.75%	3.52%
14	1999	10.77%	7.62%	3.15%	3.77%	3.52%
15	2000	11.43%	8.24%	3.19%	3.68%	3.55%
16	2001	11.09%	7.76%	3.33%	3.62%	3.56%
17	2002	11.16%	7.37%	3.79%	3.61%	3.60%
18	2003	10.97%	6.58%	4.39%	3.57%	3.66%
19	2004	10.75%	6.16%	4.59%	3.86%	3.82%
20	2005	10.54%	5.65%	4.89%	4.20%	3.94%
21	2006	10.34%	6.07%	4.27%	4.39%	4.00%
22	2007	10.31%	6.07%	4.24%	4.48%	4.04%
23	2008	10.37%	6.53%	3.84%	4.37%	3.97%
24	2009	10.52%	6.04%	4.48%	4.34%	4.10%
25	2010	10.29%	5.46%	4.83%	4.33%	4.26%
26	2011	10.19%	5.04%	5.15%	4.51%	4.45%
27	2012	10.02%	4.13%	5.89%	4.84%	4.66%
28	2013	9.82%	4.48%	5.34%	5.14%	4.75%
29	2014	9.76%	4.28%	5.48%	5.34%	4.84%
30	2015	9.60%	4.12%	5.48%	5.47%	4.90%
31	2016	9.60%	3.93%	5.66%	5.57%	5.04%
32	2017	9.68%	4.00%	5.68%	5.53%	5.18%
33	2018	9.56%	4.25%	5.31%	5.52%	5.33%
34	2019	9.65%	3.77%	5.88%	5.60%	5.47%
35	2020	9.39%	3.02%	6.37%	5.78%	5.62%
36	2021	9.39%	3.11%	6.28%	5.91%	5.74%
37	2022	9.58%	4.72%	4.86%	5.74%	5.64%
38	2023	9.66%	5.54%	4.12%	5.50%	5.51%
39	2024	9.78%	5.54%	4.24%	5.17%	5.39%
40	2025 [3]	9.68%	5.87%	3.81%	4.66%	5.22%
41	**Average**	**10.82%**	**6.48%**	**4.33%**	**4.40%**	**4.42%**
42	**Minimum**				**2.88%**	**3.20%**
43	**Maximum**				**5.91%**	**5.74%**

Sources:

[1] *Regulatory Research Associates, Inc*., Regulatory Focus, Major Rate Case Decisions, Jan. 1997 p. 5, and Jan. 2011 p. 3. S&P Global Market Intelligence, RRA Regulatory Focus, Major Rate Case Decisions, January - June, 2025, July 25, 2025 at page 3.

2006 - 2025 Authorized Returns exclude limited issue rider cases.

[2] The utility bond yields for the period 1980-2005 were obtained from the St. Louis Federal Reserve: Economic Research, http://res
The utility bond yields from 2006-2025 were obtained from the Mergent Bond Record.

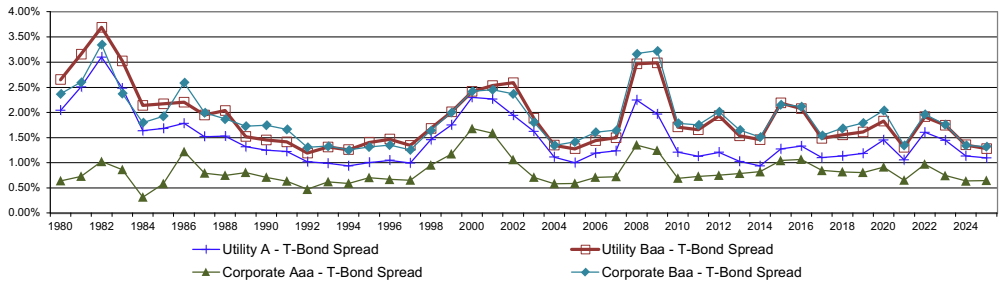
[3] Data represents January - June, 2025.

Consumers Energy Company

Bond Yield Spreads

Line	Year	T-Bond Yield[1] (1)	Public Utility Bond A[2] (2)	Public Utility Bond Baa[2] (3)	Public Utility Bond A-T-Bond Spread (4)	Public Utility Bond Baa-T-Bond Spread (5)	Corporate Bond Aaa[3] (6)	Corporate Bond Baa[3] (7)	Corporate Bond Aaa-T-Bond Spread (8)	Corporate Bond Baa-T-Bond Spread (9)	Utility to Corporate Baa Spread (10)	Utility to Corporate A-Aaa Spread (11)
1	1980	11.30%	13.34%	13.95%	2.04%	2.65%	11.94%	13.67%	0.64%	2.37%	0.28%	1.40%
2	1981	13.44%	15.95%	16.60%	2.51%	3.16%	14.17%	16.04%	0.73%	2.60%	0.56%	1.78%
3	1982	12.76%	15.86%	16.45%	3.10%	3.69%	13.79%	16.11%	1.03%	3.35%	0.34%	2.07%
4	1983	11.18%	13.66%	14.20%	2.48%	3.02%	12.04%	13.55%	0.86%	2.38%	0.65%	1.62%
5	1984	12.39%	14.03%	14.53%	1.64%	2.14%	12.71%	14.19%	0.32%	1.80%	0.34%	1.32%
6	1985	10.79%	12.47%	12.96%	1.68%	2.17%	11.37%	12.72%	0.58%	1.93%	0.24%	1.10%
7	1986	7.80%	9.58%	10.00%	1.78%	2.20%	9.02%	10.39%	1.22%	2.59%	-0.39%	0.56%
8	1987	8.58%	10.10%	10.53%	1.52%	1.95%	9.38%	10.58%	0.80%	2.00%	-0.05%	0.72%
9	1988	8.96%	10.49%	11.00%	1.53%	2.04%	9.71%	10.83%	0.75%	1.87%	0.17%	0.78%
10	1989	8.45%	9.77%	9.97%	1.32%	1.52%	9.26%	10.18%	0.81%	1.73%	-0.21%	0.51%
11	1990	8.61%	9.86%	10.06%	1.25%	1.45%	9.32%	10.36%	0.71%	1.75%	-0.30%	0.54%
12	1991	8.14%	9.36%	9.55%	1.22%	1.41%	8.77%	9.80%	0.63%	1.67%	-0.25%	0.59%
13	1992	7.67%	8.69%	8.86%	1.02%	1.19%	8.14%	8.98%	0.47%	1.31%	-0.12%	0.55%
14	1993	6.60%	7.59%	7.91%	0.99%	1.31%	7.22%	7.93%	0.62%	1.33%	-0.02%	0.37%
15	1994	7.37%	8.31%	8.63%	0.94%	1.26%	7.96%	8.62%	0.59%	1.25%	0.01%	0.35%
16	1995	6.88%	7.89%	8.29%	1.01%	1.41%	7.59%	8.20%	0.71%	1.32%	0.09%	0.30%
17	1996	6.70%	7.75%	8.17%	1.05%	1.47%	7.37%	8.05%	0.67%	1.35%	0.12%	0.38%
18	1997	6.61%	7.60%	7.95%	0.99%	1.34%	7.26%	7.86%	0.66%	1.26%	0.09%	0.34%
19	1998	5.58%	7.04%	7.26%	1.46%	1.68%	6.53%	7.22%	0.95%	1.64%	0.04%	0.51%
20	1999	5.87%	7.62%	7.88%	1.75%	2.01%	7.04%	7.87%	1.18%	2.01%	0.01%	0.58%
21	2000	5.94%	8.24%	8.36%	2.30%	2.42%	7.62%	8.36%	1.68%	2.42%	-0.01%	0.62%
22	2001	5.49%	7.76%	8.03%	2.27%	2.54%	7.08%	7.95%	1.59%	2.45%	0.08%	0.68%
23	2002	5.43%	7.37%	8.02%	1.94%	2.59%	6.49%	7.80%	1.06%	2.37%	0.22%	0.88%
24	2003	4.96%	6.58%	6.84%	1.62%	1.89%	5.67%	6.77%	0.71%	1.81%	0.08%	0.91%
25	2004	5.05%	6.16%	6.40%	1.11%	1.35%	5.63%	6.39%	0.58%	1.35%	0.00%	0.53%
26	2005	4.65%	5.65%	5.93%	1.00%	1.28%	5.24%	6.06%	0.59%	1.42%	-0.14%	0.41%
27	2006	4.87%	6.07%	6.32%	1.20%	1.44%	5.58%	6.48%	0.71%	1.61%	-0.16%	0.48%
28	2007	4.83%	6.07%	6.33%	1.24%	1.50%	5.56%	6.48%	0.72%	1.65%	-0.15%	0.52%
29	2008	4.28%	6.53%	7.25%	2.25%	2.97%	5.63%	7.45%	1.35%	3.17%	-0.20%	0.90%
30	2009	4.07%	6.04%	7.06%	1.97%	2.99%	5.31%	7.30%	1.24%	3.23%	-0.24%	0.73%
31	2010	4.25%	5.46%	5.96%	1.21%	1.71%	4.94%	6.04%	0.69%	1.79%	-0.08%	0.52%
32	2011	3.91%	5.04%	5.57%	1.13%	1.66%	4.64%	5.66%	0.73%	1.75%	-0.10%	0.40%
33	2012	2.92%	4.13%	4.86%	1.21%	1.93%	3.67%	4.94%	0.75%	2.01%	-0.08%	0.46%
34	2013	3.45%	4.48%	4.98%	1.03%	1.54%	4.24%	5.10%	0.79%	1.65%	-0.12%	0.24%
35	2014	3.34%	4.28%	4.80%	0.94%	1.46%	4.16%	4.85%	0.82%	1.51%	-0.05%	0.12%
36	2015	2.84%	4.12%	5.03%	1.27%	2.19%	3.89%	5.00%	1.05%	2.16%	0.03%	0.23%
37	2016	2.60%	3.93%	4.68%	1.34%	2.08%	3.67%	4.72%	1.07%	2.12%	-0.04%	0.27%
38	2017	2.90%	4.00%	4.38%	1.10%	1.48%	3.74%	4.44%	0.85%	1.55%	-0.06%	0.26%
39	2018	3.11%	4.25%	4.67%	1.14%	1.56%	3.93%	4.80%	0.82%	1.69%	-0.13%	0.32%
40	2019	2.58%	3.77%	4.19%	1.19%	1.61%	3.39%	4.38%	0.81%	1.79%	-0.18%	0.38%
41	2020	1.56%	3.02%	3.39%	1.45%	1.83%	2.48%	3.60%	0.91%	2.04%	-0.21%	0.54%
42	2021	2.05%	3.11%	3.36%	1.06%	1.31%	2.71%	3.40%	0.66%	1.35%	-0.04%	0.40%
43	2022	3.12%	4.72%	5.03%	1.61%	1.91%	4.09%	5.08%	0.97%	1.97%	-0.05%	0.64%
44	2023	4.09%	5.54%	5.84%	1.45%	1.75%	4.84%	5.85%	0.75%	1.76%	-0.01%	0.70%
45	2024	4.41%	5.54%	5.76%	1.14%	1.36%	5.04%	5.75%	0.64%	1.35%	0.01%	0.50%
46	2025[4]	4.77%	5.87%	6.05%	1.10%	1.28%	5.42%	6.09%	0.65%	1.32%	-0.04%	0.45%
47	**Average**	**6.02%**	**7.49%**	**7.91%**	**1.47%**	**1.88%**	**6.85%**	**7.91%**	**0.83%**	**1.89%**	**0.00%**	**0.64%**

Yield Spreads
Treasury Vs. Corporate & Treasury Vs. Utility



Sources:

[1] St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org/.

[2] The utility yields for the period 1980-2000 were obtained from Mergent Public Utility Manual, Mergent Weekly News Reports, 2003.
The utility yields for the period 2001-2025 were obtained from the Mergent Bond Record.

[3] The corporate yields for the period 1980-2005 were obtained from the St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org/.
The corporate yields from 2006-2025 were obtained from the Mergent Bond Record.

[4] Data represents January - August, 2025.

Consumers Energy Company

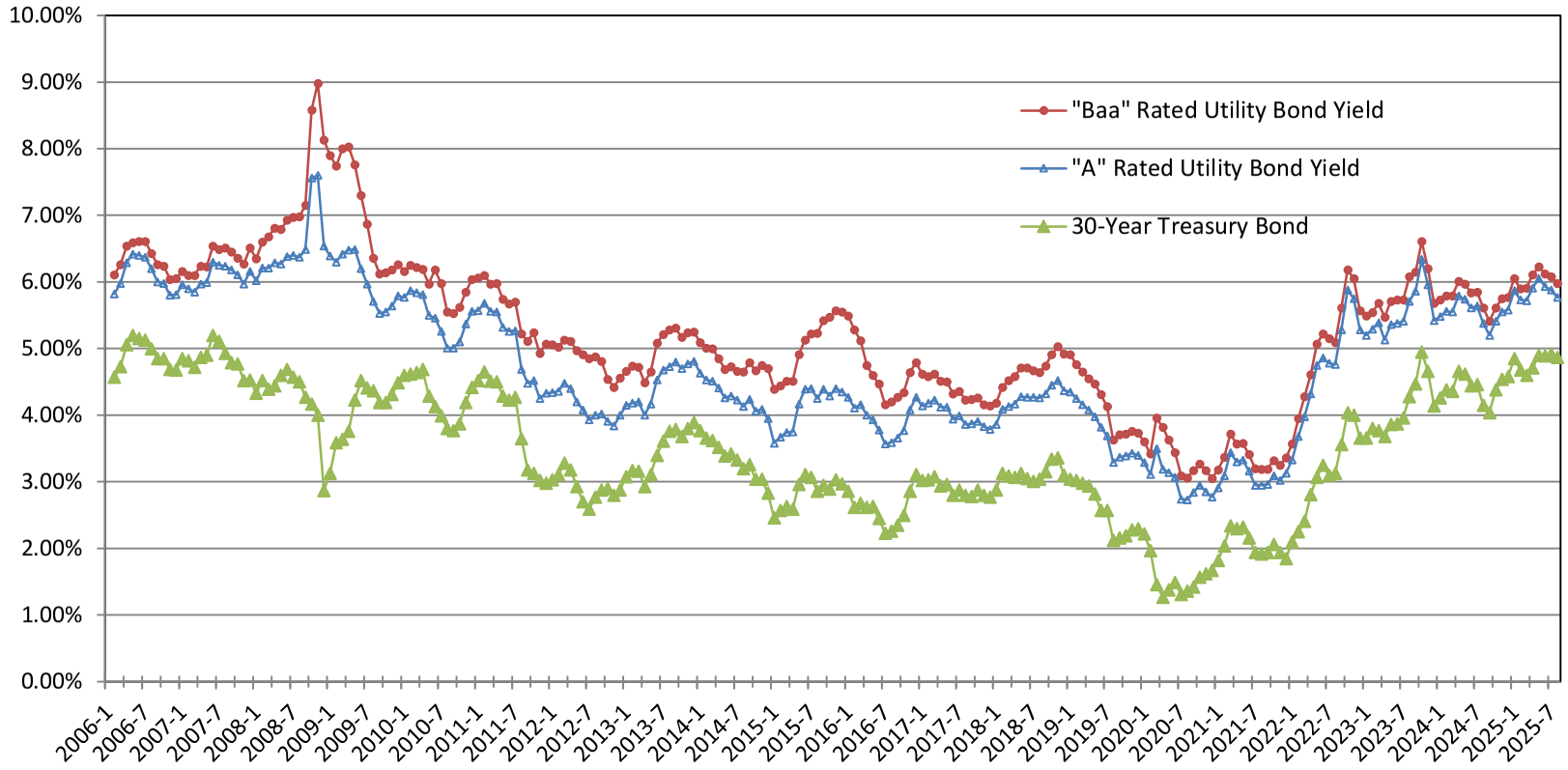
3 and 6 Month Treasury and Utility Bond Yields

Line	Date	Treasury Bond Yield[1] (1)	"A" Rated Utility Bond Yield[2] (2)	"Baa" Rated Utility Bond Yield[2] (3)
1	August-25	4.87%	5.77%	5.98%
2	July-25	4.92%	5.88%	6.08%
3	June-25	4.89%	5.93%	6.12%
4	May-25	4.90%	6.05%	6.23%
5	April-25	4.71%	5.91%	6.11%
6	March-25	4.60%	5.72%	5.91%
7	**3-Month Average**	**4.89%**	**5.86%**	**6.06%**
8	**Spread To Treasury**		**0.97%**	**1.17%**
9	**6-Month Average**	**4.82%**	**5.88%**	**6.07%**
10	**Spread To Treasury**		**1.06%**	**1.25%**

Sources:
[1] St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org.
[2] Mergent Bond Record.

Consumers Energy Company

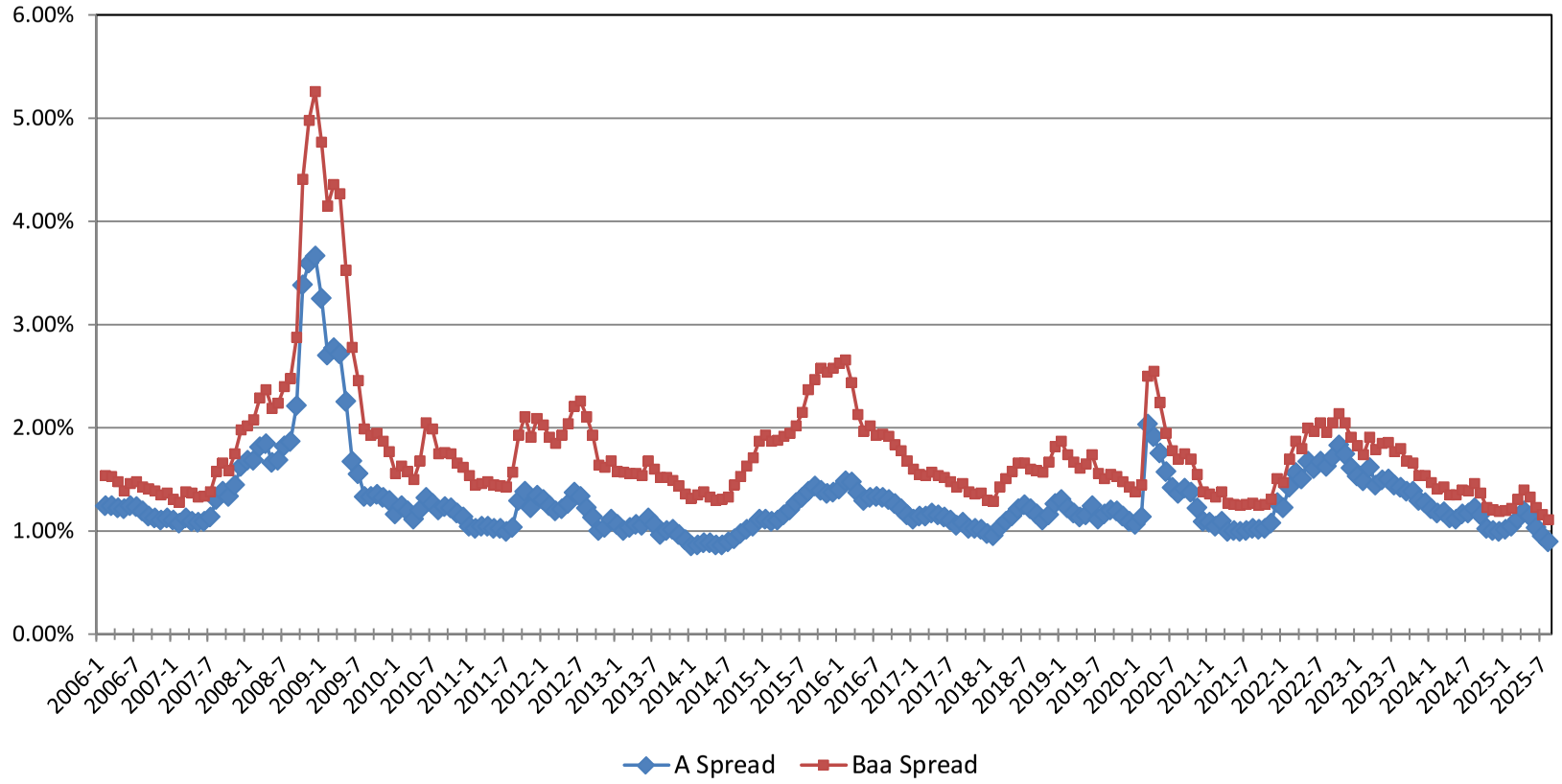
Trends in Bond Yields



Sources:
Mergent Bond Record.
www.moodys.com, Bond Yields and Key Indicators.
St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org/

Consumers Energy Company

Yield Spread Between Utility Bonds and 30-Year Treasury Bonds



Sources:
Mergent Bond Record.
www.moodys.com, Bond Yields and Key Indicators.
St. Louis Federal Reserve: Economic Research, http://research.stlouisfed.org/

Consumers Energy Company

Beta

Line	Company	Beta[1]	Historical Beta[2]	S&P Global Market Intelligence Beta[3]	3-Year VL Methodolgy Beta[4]
1	Alliant Energy Corporation	0.75	0.78	0.42	0.70
2	Ameren Corporation	0.75	0.75	0.43	0.63
3	American Electric Power Company, Inc.	0.65	0.70	0.38	0.53
4	Avista Corporation	0.75	0.81	0.39	0.63
5	Dominion Energy, Inc.	0.80	0.74	0.42	0.73
6	DTE Energy Company	0.80	0.80	0.40	0.67
7	Duke Energy Corporation	0.65	0.71	0.34	0.54
8	Entergy Corporation	0.75	0.79	0.47	0.67
9	Evergy, Inc.	0.75	0.93	0.41	0.62
10	IDACORP, Inc.	0.70	0.75	0.39	0.58
11	NextEra Energy, Inc.	0.90	0.79	0.52	0.74
12	OGE Energy Corp.	0.85	0.95	0.48	0.72
13	Pinnacle West Capital Corporation	0.75	0.77	0.45	0.62
14	Portland General Electric Company	0.75	0.78	0.41	0.66
15	PPL Corporation	0.80	0.88	0.45	0.65
16	Southern Company	0.70	0.72	0.40	0.53
17	Xcel Energy Inc.	0.70	0.69	0.39	0.60
18	**Average**	**0.75**	**0.78**	**0.42**	**0.64**
19	**Median**	**0.75**	**0.78**	**0.41**	**0.63**

Source:

[1] *The Value Line Investment Survey* , July 18, August 8, and September 5, 2025.

[2] Value Line Software Analyzer.

[3] S&P Global Market Intelligence, betas for the period 9/12/2020 - 9/12/2025.

[4] S&P Global Market Intelligence, betas for the period 9/12/2022 - 9/12/2025.

Consumers Energy Company

CAPM Return

Line	Description	Kroll Normalized MRP (1)	Risk Premium Derived MRP (2)	Average FERC S&P 500 DCF Derived MRP (3)
	Current Beta			
1	Risk-Free Rate[1,2]	4.85%	4.60%	4.60%
2	Market Risk Premium	5.50%	7.00%	8.00%
3	Beta[7]	0.75	0.75	0.75
4	**CAPM**	**8.99%**	**9.87%**	**10.62%**
	Historical Beta			
5	Risk-Free Rate[1,2]	4.85%	4.60%	4.60%
6	Market Risk Premium[1,3]	5.50%	7.00%	8.00%
7	Beta[7]	0.78	0.78	0.78
8	**CAPM**	**9.16%**	**10.09%**	**10.88%**
	Current S&P Global Market Intelligence Beta			
9	Risk-Free Rate[1,2]	4.85%	4.60%	4.60%
10	Market Risk Premium[1,3]	5.50%	7.00%	8.00%
11	Beta[7]	0.42	0.42	0.42
12	**CAPM**	**7.15%**	**7.53%**	**7.95%**
	3-Year S&P Global Market Intelligence Beta Adjusted Using VL Methodology			
13	Risk-Free Rate[1,2]	4.85%	4.60%	4.60%
14	Market Risk Premium[1,3]	5.50%	7.00%	8.00%
15	Beta[4]	0.64	0.64	0.64
16	**CAPM**	**8.35%**	**9.06%**	**9.69%**

Sources:

[1] *Kroll Cost of Capital Navigator.*

[2] *Blue Chip Financial Forecast, August 29, 2025.*

[3] Exhibit AB-19, page 2

[4] Exhibit AB-18.

Consumers Energy Company

Development of the Market Risk Premium

Line	Description	MRP	
Risk Premium Based Method:			
1	Lg. Co. Stock Real Market Return	9.02%	[1]
2	Projected Consumer Price Index	2.40%	[2]
3	Expected Market Return	11.64%	
4	Risk-Free Rate	4.60%	[2]
5	Market Risk Premium	**7.00%**	
FERC S&P 500 (Dividend Companies) 1-Step DCF Based Method:			
6	S&P 500 Growth	11.00%	[3]
7	Index Dividend Yield	1.50%	[3]
8	Adjusted Yield	1.58%	
9	Expected Market Return	12.58%	
10	Risk-Free Rate	4.60%	[2]
11	Market Risk Premium	**8.00%**	
FERC S&P 500 (All Companies) 1-Step DCF Based Method:			
12	Short-Term S&P 500 Growth	11.20%	[4]
13	Index Dividend Yield	1.30%	[4]
14	Adjusted Yield	1.37%	
15	Expected Market Return	12.57%	
16	Risk-Free Rate	4.60%	[2]
17	Market Risk Premium	**8.00%**	
18	Average DCF Based MRP	**8.00%**	

Sources & Note:

[1] Morningstar Direct.

[2] *Blue Chip Financial Forecast, August 29, 2025.*

[3] S&P 500 1-Step DCF through September 12, 2025 for Dividend Paying Companies.

[4] S&P 500 1-Step DCF through September 12, 2025 for all Companies.

Question:

Request 50:

Please refer to Ms. Connelly's workpaper supporting the Class Cost of Service Study, A-16 (EAD-2) to A-88 (EAD-4) and WP-EAD-76-125.xlsx, and Consumers' response to U-21870-MNSC-CE-0221, which has been provided as Exhibit MEC-16 of MNSC Witness Palmer's direct testimony. MEC-16 shows the total industrial meters of 1,493, consisting of 148 AMI meters and 1,345 non-AMI meters. In Ms. Connelly's workpaper, on the tab titled Input6 Sales and Revenues, the Company shows 4,163 Primary voltage customers. Please explain the discrepancy between the number of industrial meters and the number of Primary customers.

Response:

Some of the Company's Primary customers are classified as commercial customers in the EIA dataset. The only Primary COSS class with industrial customers and AMI meters is GP. Other differences between the EIA figures and the Input6 Sales and Revenue tab data exist because the latter reflects test year values.

Witness: Emily A. Davis
Date: October 14, 2025

Question:

Request 51:

Please provide the number of AMI meters installed at each voltage level and class, in the same groups contained in the Class Cost of Service Study.

Response:

See the table below where N/A is listed for COSS classes with no AMI meters.

Cost of Service Class	Count of AMI Meters
Residential	1,716,384
GML	385
GS	214,660
GSD	18,417
GP	690
GPDV1	N/A
GPDV2	N/A
GPDV3	N/A
GSG	N/A
GPTU1	N/A
GPTU2	N/A
GPTU3	N/A
EIP1	N/A
EIP2	N/A
EIP3	N/A

Witness: Emily A. Davis
Date: October 14, 2025

Question:

Request 52:

Please provide the Average Meter Expense for each voltage level and class, in the same groups contained in the Class Cost of Service Study (shown at line 245 of the Input2 tab, of Ms. Connelly's Workpaper, A-16 (EAD-2) to A-88 (EAD-4) and WP-EAD-76-125.xlsx), for AMI meters only.

Response:

See the table below which provides the average AMI meter set cost. N/A is listed for COSS classes with no AMI meters.

Cost of Service Class	Average AMI Meter Set Cost
Residential	$176
GML	$662
GS	$549
GSD	$1,114
GP	$6,458
GPDV1	N/A
GPDV2	N/A
GPDV3	N/A
GSG	N/A
GPTU1	N/A
GPTU2	N/A
GPTU3	N/A
EIP1	N/A
EIP2	N/A
EIP3	N/A

Witness: Emily A. Davis
Date: October 14, 2025

Question:

Request 53:

Please refer to the Rebuttal Testimony of Company Witness Megan Hayward at pages 25-26 and page 29 and provide the following information related to the canceled 138 kV dedicated customer substation project that the Company is currently seeking to recover from the customer:

a. Identify the date the contract with the customer was signed.

b. Identify the date that the project was approved by the Commission.

c. Identify the date that the Company began incurring costs associated with this project.

d. Provide a breakdown and documentation of the actual costs incurred to date for each month from the date the contract was signed through the bridge period in this case.

e. List the time period during which the customer postponed construction.

f. Identify the date that the Company was first notified that the customer was postponing construction.

g. Identify each date that the Company became aware that the customer was continuing to postpone construction.

h. Provide copies of all agreements signed by the customer with the Company;

i. List the customer deposits received to date; and

j. Identify the current amount the customer owes to the Company.

Response:

<u>Objection of Counsel:</u> Consumers Energy Company objects to this discovery request because it requests information that is not relevant and contains personal identifiable Customer Account information that cannot be disclosed under Consumers Energy's Customer Data Privacy tariff. Subject to this objection, Consumers Energy responds as follows:

a. The customer signed the contract on September 8, 2023, with a contract effective date of September 23, 2023.
b. The project was approved on March 1, 2024, with the Commission's Order in Case No. U-21389.
c. January 2023 was the first month that charges were incurred for this project.
d. Please see Confidential Attachment 1 with the actual costs for each month from the date the contract was signed. As noted below in part e and f, the customer suspended work on April 16, 2024, yet per the terms of the contract, the agreement was not canceled on that date. The Company continued to work in good faith, under the terms of the contract, on making progress with the customer on the project before the project was ultimately canceled.
e. The customer suspended work associated with the 138 kV dedicated customer substation project in April 2024.

f. The customer notified the Company on April 16, 2024, to suspend all work on the 138 kV dedicated customer substation project.
g. See subpart f above whereas after suspending the project on April 16, 2024, the customer did not move forward with the project.
h. Please see Confidential Attachment 2 for the agreement signed by the customer with the Company.
i. No customer deposits have been received to date.
j. The current amount owed by the customer to the Company is $2.5 million.

Witness: Megan L. Hayward
Date: October 31, 2025

Question:

Request 55:

Please refer to the Rebuttal Testimony of Company Witness Michael Kelly at page 33 regarding the claim that some weather-caused outages are not tree-related and provide the percentage of weather-caused outages from 2022 through 2024 that the Company has categorized as being non-tree-related (e.g., direct damage to assets from wind or lightning).

Response:

The Company does not record weather-caused outages as tree-related or not tree-related.

The Company's breakdown of outage causes, as aligned with Figure 44 of my direct testimony, were provided for 2018 through 2024 in discovery response 21870-AG-CE-0439.

Witness: Michael P. Kelly
Date: October 31, 2025

Question:

Request 58:

Please refer to the Rebuttal Testimony of Company Witness Scott McPhail at page 6 and provide the analysis or empirical field data supporting the Company's assertion that the majority of field regulators, if not addressed, "would fail between 2027 and 2037 as they approach their maximum lifespan."

Response:

Please refer to the second tab “Regulator Data Table Summary” of the Data Table in attachment U21870-AB-CE-0922_MCPHAIL_ATT_1.xlsx.

There were 832 (tab Regulator Data Table Summary cell C11) Line Regulator controls on the system with manufacturing dates of 2000 and older (tab Regulator Data Table Summary cell C11). By 2027–2037, these units would be at least 27 years or older, significantly exceeding their expected lifespan. This would likely result in failures, aligning with the projections outlined in the Line Regulator Business Case Analysis as outlined in Exhibit A-146 (SAM-5).

There are an additional 486 Line Regulator controls on the system with manufacturing dates of 2001-2005 (tab Regulator Data Table Summary cell C12). By 2027–2037, these units would be at least 22 years old, again approaching or surpassing their expected lifespan of 20 to 25 years on average. A substantial number of these Line Regulator controls would also be expected to fail during this period.

Based on the above, it is reasonable to assume that the majority of these two categories of Line Regulators, both with manufacturing dates of 2000 and older and/or manufacturing dates of between 2001 to 2005, would have failed during the years 2027 to 2037 had the project not been executed as planned.

Witness: Scott A. Mcphail
Date: October 31, 2025

General Description Datapoints

Column Name	Description
Plan Year (Column A)	The year associated with the maintenance or inspection plan for the Line Regulator location
Reg Name (Column B)	A numeric identifier assigned to each Line Regulator location. This identifier is composed of a sequence of ten digits, where the first four digits represent the Substation number, the next two digits indicate the Circuit number, and the final four digits specify the exact location on the circuit where the Line Regulator is located
Nameplate Xph MFG Date (Column C)	Indicates the manufacturing date shown on the nameplate attached to the Line Regulator control for X phase at the corresponding Line Regulator location
Nameplate Yph MFG Date (Column D)	Indicates the manufacturing date shown on the nameplate attached to the Line Regulator control for Y phase at the corresponding Line Regulator location
Nameplate Zph MFG Date (Column E)	Indicates the manufacturing date shown on the nameplate attached to the Line Regulator control for Z phase at the corresponding Line Regulator location
Tanks Replaced (Column F)	Indicates the phases during which a Line Regulator Tank was replaced after being identified as failed during inspection

Line Regulator Data Summary

Category	Description	Value
Line Regulator Locations	Total # of Line Regulator Locations	1,545
X Phase Manufacturer Nameplate Data	Total # of X Phase Data Points	1,174
Y Phase Manufacturer Nameplate Data	Total # of Y Phase Data Points	1,138
Z Phase Manufacturer Nameplate Data	Total # of Z Phase Data Points	1,210
Total Phase Data Points	Total # of Data Points for X, Y, and Z Phases	3,522

Line Regulator Control Information

Category	Description	Value
Line Regulator Controls (2000 and Older)	Total # of Regulator Controls Aged Year 2000 and Older	832
Line Regulator Controls (2001–2005)	Total # of Regulator Controls Aged Between Year 2001 and 2005	486
Line Regulator Controls (2006 and Newer)	Total # of Regulator Controls 2006 and Newer	2,204
Total Line Regulator Controls	Total # of Regulator Controls for All Locations (X, Y, Z)	3,522
Line Regulator Controls 2000 and Older (%)	% of Regulator Controls 2000 and Older Versus Total # of Regulator Controls	24%

Line Regulator Tank Information

Category	Description	Value
Line Regulator Tanks (2000 and Older)	# of Line Regulator Tanks Aged Year 2000 and Older	461
Failed Line Regulator Tanks Replaced	Total # of Failed Line Regulator Tanks Replaced	769
Older Line Regulator Tank Replacements (%)	% of Oldest Line Regulator Tanks Aged 2000 and Older Versus Total # of Line Regulator Tanks	60%

Plan Year	Reg Name	Nameplate Xph MFG Date	Nameplate Yph MFG Date	Nameplate Zph MFG Date	Tanks Replaced
2019	107201_0295	Mar 2014	Apr 2007	Jun 2013	
2019	078901_0571	Oct 2015		Oct 2015	
2019	036804_0133	Nov 2008	Mar 2003	Nov 2008	
2019	151002_0555		Dec 2010	Feb 2012	
2020	062401_0655	Jun 2007			X
2020	062401_0743	Sep 1999	Sep 1999		Y
2020	129401_0220		Nov 2008	Oct 2008	YZ
2019	127902_0724	Feb 1999	Dec 2015	Apr 1993	
2019	057101_0416	Feb 2017		Jun 2017	
2019	041902_0446			Jun 2007	
2020	062902_0873	Apr 2007	Apr 2007	Dec 2001	Z
2020	147201_0690	Dec 1995	Dec 1995	Dec 1995	
2019	051501_0434	Aug 2009	Aug 2009	Aug 2009	
2019	150702_0998	Nov 2008	Nov 2008	Nov 2008	
2019	040102_0660	Feb 2011	Mar 2012	Apr 2012	
2019	049802_0344	Nov 2008	Aug 2016	Nov 1999	
2019	163602_0576	Jun 2007	Feb 1998	Jun 2003	
2019	162201_0068	Jul 2006			X
2019	162201_0442	Jun 2013			
2019	041002_0171	May 1999	May 1999	Aug 1999	
2019	078301_0761	Oct 2009	Apr 1999	Oct 2009	
2019	053302_7917	Nov 2008	Nov 2008	Sep 2009	
2019	025901_0596	July 2018	July 2018		
2021	109101_0792	Aug 2017	Apr 2018	Aug 2017	
2019	069802_0552	Feb 2016	Oct 2016	Dec 2015	
2019	078802_0050		Aug 2002		
2019	103502_0351	May 2017	Sep 2016	Sep 2016	
2021	104405_0351	Aug 2020	Sep 2019	Jun 2019	
2020	102101_0099	Oct 2001	Nov 2019	March 1999	XYZ
2020	040303_0741	Aug 1995	May 1997		XY
2019	157202_0270		Sep 2016	Sep 2016	
2019	023104_0738	Oct 2006		Feb 2011	
2019	138303_0495	Sep 2016			
2021	122401_0191	Jul 2006	Apr 2000	Jul 2006	
2019	008801_0244	Feb 2003	Aug 2011	Jul 2011	
2019	162001_0268	Dec 2001	Aug 2002	Aug 1998	
2019	093802_0944	Jul 1994		Apr 2011	
2019	001901_0506	Sep 2008	May 2008	Jul 2007	
2021	159801_0215	Jan 2008	Jun 2003	Aug 2010	
2019	158201_0484		Jul 2015		
2020	137804_0270	Sep 2019			X
2019	154201_0650	Mar 2004		Oct 1998	
2019	148202_0528			Jun 2015	
2019	053701_0355	Apr 1999	Jun 1990	Feb 2000	
2020	022803_0615	Jun 1992	May 1997	May 1997	X
2020	022802_0535	Jun 1993	Apr 2002	Jan 2011	XY

2020	022801_0409		Jun 1998	Nov 2010	Z
2025	008001_0968			Nov 2010	Z
2025	008001_0403	Sep 2016	Sep 2016	Sep 2016	
2025	140401_0824	Oct 2016	May 2016	May 2012	
2020	022702_0361	Oct 2008			X
2020	022701_0112	Jan 2013	Oct 2012	Jan 2013	X
2020	036801_0335	Feb 2000	Jul 2006	Sep 2010	X
2020	036804_0159	Sep 2006	Mar 2002	Oct 1998	Y
2020	010603_0506	Feb 1999	Feb 1999	Feb 1999	XYZ
2025	010601_0160	Nov 2002	Nov 2002	Nov 2002	XYZ
2025	033302_0793	Aug 2015			
2025	033301_0603			Feb 1999	
2020	024301_0518	Mar 2002	Mar 2002	Dec 2002	
2025	056601_0611	Sep 2002	Aug 2022	Jan 1999	XZ
2025	041401_0250	Jul 2017	Aug 2017	May 2017	
2025	041401_8255	Aug 1998	Mar 2010	Nov 2016	
2025	041402_0448	Jun 2022	Jun 1998	Jun 1997	
2025	041401_0217	Dec 2001		Feb 2000	
2025	041401_0212			Feb 2003	
2020	131402_0548			Apr 2002	Z
2021	116501_0263	Mar 2011	Mar 2011	Mar 2011	
2021	116501_0163	Apr 2013	Jul 2011	Sep 2013	
2020	024902_0118		Sep 2002	Sep 2002	Z
2021	070602_0411	Mar 2013	Mar 2013	Mar 2013	
2021	062402_0768	May 2008	Feb 2008	Feb 2008	X
2021	062402_0725	Jan 2004	Mar 2012	Feb 2013	Z
2020	034604_0349	May 2019			X
2020	034604_0960	Aug 2011	May 1996	May 1996	Z
2026	011201_0788	Oct 2019		Jul 2019	
2020	112603_0372	Mar 2007	Jun 2007	Jan 2007	Z
2020	057101_0224	Jul 2015	May 2008	Oct 2001	Z
2025	124502_0312	Dec 2020	Dec 2020	Mar 1990	
2021	111902_0273	Apr 2011	Oct 2010	May 2011	
2025	027401_0804		Sep 2025		
2025	027401_0217	Apr 2002	May 1998	Sep 1998	XYZ
2025	027401_0889	Oct 2001	May 1993	Sep 1998	XYZ
2025	027402_0909	Mar 2022	Mar 2022	Jan 2022	
2025	027401_0706		Feb 2003	Aug 1995	Y
2020	062902_0409	May 2006	Jun 2006	Jun 2006	YZ
2025	022201_0060	Jul 2001			X
2025	022201_0994		Mar 1994		
2020	147202_0440	Mar 1994		May 1994	XZ
2020	147202_0502	Jul 1996	Jul 1996	Aug 2001	XY
2020	031001_0457		Jul 1993		Y
2021	090003_0003	Dec 2014	Jun 2013	Jun 2013	
2025	127402_0148	Nov 2011	Mar 2022	Jun 2007	
2025	055702_0351		Mar 2004	Oct 2011	
2025	127501_0484	Aug 2020	Jul 1992	Oct 2019	
2025	020101_0357	Jul 2013	Jul 2013	Jul 2011	
2025	020101_0109	Jan 2022	Mar 2022	Mar 2022	
2025	066601_0817	Jun 2016	Nov 2008		
2025	066601_0625	Jun 2007	Nov 2008	Apr 2002	Z

2025	066601_0888	Jan 2006	Mar 2006	May 1996	
2025	066601_0623	Jul 2019	Mar 2020	Mar 2020	
2025	066601_0892	Aug 2020	Aug 2022	Aug 2020	
2020	012802_0241	Jul 1994			X
2020	012802_0451	Mar 2020	Mar 2020	Mar 2020	XYZ
2020	099801_0420	Jun 2000		Jul 2007	X
2020	099801_0547	Oct 2001	Oct 2001	Feb 2011	XY
2019	163601_0909	Oct 2010	Oct 2010	May 1998	
2025	003001_0027	Oct 2008	Nov 2008		
2021	135201_0594	Mar 2018	Mar 2018	Mar 2018	
2021	135201_0179	Sep 2002	Nov 2002	Sep 2009	
2025	043304_0245	Nov 2008	Jul 2007	Jun 2007	XYZ
2025	030101_0509	Mar 2014	Mar 2014		
2025	030101_0510	May 2014	May 2014		XY
2025	030101_0328	Sep 2019	Feb 2020	Feb 2020	
2025	030101_0635	Oct 2014	Sep 2014	Sep 2014	
2025	030102_0482	Dec 2015		Jul 2015	
2025	030102_0494	Feb 2005		May 2000	
2025	030102_0495	Feb 2013		Jan 2002	
2021	035801_0436	May 2015	May 2015	May 2014	
2021	035802_0552	Sep 2013	Sep 2013	Mar 2017	
2021	035802_0635	Jun 2011	Feb 2003	May 2011	
2021	121701_0720	Nov 1999	Sep 1999	Dec 2001	XYZ
2023	121701_0328	Jan 2002	Jun 1990	Apr 2000	Y
2025	042301_0257	Jul 2008			
2025	042303_0687		Feb 2003		Y
2025	042302_0983			Aug 1989	Z
2025	042302_0954		Sep 2013	Jan 2014	
2020	014502_0666	Aug 2019	Apr 2006	Apr 2002	XZ
2025	002001_0302	Feb 2024	Jan 2022	Dec 2023	
2025	002001_0866	Feb 2003	Jul 1993	Dec 2017	XYZ
2025	002002_0748	Aug 2016	Aug 2016	Aug 2016	
2025	002002_5115		Aug 1989		Y
2025	002001_5171			Oct 2015	Z
2019	112801_0612	Aug 2008	Sep 2008	Feb 2008	
2019	112801_0662	Feb 2008	Jun 2007	Oct 2007	
2020	026502_0517	May 1994	May 1994		XY
2020	026502_0565	Jul 2018	Jun 2016	Aug 2018	
2023	141802_9125	Oct 2008	Jun 2013	Jun 1994	YZ
2019	029101_0363	Aug 2011	Mar 2017	Oct 2001	XYZ
2020	029101_0241	Dec 2017		Dec 2001	
2025	100802_0410			Nov 2008	
2025	033804_0782	Mar 2025	Aug 2025	Mar 2025	
2020	011003_0825	Mar 1996	Jul 2015	Apr 1996	XZ
2021	011003_0295	Aug 1991	Oct 1989	Mar 2000	Y
2021	093603_0807	Sep 2015	Sep 2015	Jul 2015	
2019	069803_0743	Feb 2001	Apr 2007	Mar 2001	
2020	069801_0075	Jul 1993	Mar 2003	Aug 2011	X
2026	069801_0005	Jun 2001	Oct 2001	Oct 2001	
2025	030202_0388		Aug 1994	Jul 2014	YZ
2019	078802_0114			Apr 1999	
2020	063101_0431	Oct 1992	Apr 2011	Oct 2002	X
2020	063101_0704	Aug 2001		May 2001	X
2025	039601_0242	Jul 1995	Mar 1994	Jun 2010	XZ

2025	039601_0830		Feb 2009		Y
2025	039602_0397	May 2013		May 2013	XZ
2025	032402_0524	Sep 2006	Sep 2006	Sep 2006	Z
2021	007402_0138	Feb 2000	Feb 2000	Sep 2002	Y
2025	034803_0878	Oct 2024	Nov 2024	Dec 2024	
2025	034801_0915	Feb 2024	Aug 2021	Jul 2021	
2025	011301_0502	Aug 2019	Feb 2020	Feb 2020	
2025	011301_0024		Feb 2020		
2025	011301_0073		Dec 2015		
2025	011301_0071			Feb 2016	Z
2020	129302_0466	Mar 2011	Apr 1996	Apr 1996	YZ
2021	129301_0329	Jul 2015	Aug 2015	Jul 2015	
2021	030302_0859	Mar 2021	Mar 2021	Mar 2021	XYZ
2025	112202_0880	Aug 2025	Mar 2000	Jan 2025	Y
2025	112202_0467	Jun 2013	Aug 2016	Aug 2016	
2025	112202_0878	Jan 2025			X
2025	112202_0919	Nov 1998			
2022	042501_0781	Apr 2007	Jun 2007	Jun 2007	
2022	042502_0346	Feb 2011		Dec 2010	
2025	063601_0546			Mar 2007	
2025	063602_5237			Jun 2023	
2025	063602_0236	Oct 2022	Mar 2023	Aug 2022	
2025	019402_0232	Feb 2025	Feb 2025	Feb 2025	
2025	023801_0410		Sep 2010	Sep 2002	Z
2020	043503_0422		Mar 1994		Y
2025	011702_0220	Dec 2024	Apr 2024	Dec 2024	
2022	033601_0482	Dec 2010	Jun 2012	Feb 1994	XYZ
2022	033601_0604	Mar 1994	May 2011	Mar 2012	Z
2021	091801_0721	Apr 2013	Sep 2013	Jan 2013	
2025	125102_0515	Aug 2005	Aug 2005	Aug 2005	XYZ
2025	125102_0559	Sep 2015	Apr 2002	Apr 1992	YZ
2025	125102_0618	May 2019	Jul 1993	Jul 2007	Y
2025	125102_0778	Oct 1997	Jan 2000		XY
2025	093901_0802	Nov 2008	Dec 2020	Mar 2000	Z
2025	000901_0271	Jun 2000	Feb 1999	Nov 2010	XY
2021	042401_0261	Jun 2007	Aug 1994	Jan 2008	Y
2025	147502_0320	Aug 2025	Aug 2025	Mar 2025	
2025	147502_0444	Mar 2000			X
2025	029301_0420	Jun 2003	Jun 2003	Jun 2010	XYZ
2025	029301_0421	Aug 2017	Jun 2017	Aug 2010	
2025	029302_0725	Jun 2003	Jun 1995	Aug 1999	XYZ
2025	029302_0844	Jun 2011	Mar 2003	Mar 2011	Y
2025	029302_0834	Jan 2017	May 2017	Apr 2007	
2025	029301_0864		Sep 2008	Oct 2017	
2025	029301_0878		Dec 2017	Mar 2012	
2020	096701_0099	Apr 1997	Apr 1997	Apr 1997	XYZ
2019	023102_0553	Jul 2016	Jul 2016	Jun 2016	XYZ
2023	049602_0192		May 2008	Nov 2008	
2023	049602_0880	Jan 2014	Jan 2014	Jan 2014	
2023	049601_0674		Jun 1994	Jul 1994	YZ
2025	049602_0780	Jul 2022	Jul 2022	May 2021	
2019	040903_0669		Nov 2017	Aug 2017	
2019	040903_0666		Aug 2017	Oct 2016	
2022	071001_0150	Jul 2017		Apr 1995	

2020	028801_0388	Jul 2007	Jun 2002	Mar 1994	Z
2022	099201_0077	Jun 2002			
2023	022503_0865	Aug 2011	Jul 2011	May 2011	Y
2020	079202_0947	Aug 1996	Aug 1996	May 1996	
2019	054101_0198	Dec 2015		Dec 2015	
2019	054102_0548	Aug 2009	Aug 2009	Aug 2009	
2020	054102_0543	Jul 2011	Apr 1994	Jun 2007	
2021	044202_0583	Mar 2011	Oct 2009	Mar 2011	
2021	024501_0999	May 1996	May 1996	May 1996	XZ
2021	024502_0781	Nov 2002	Dec 2021	Sep 2002	XZ
2023	024502_0888	Nov 2008	Nov 2008	Mar 2002	
2024	024502_0770	Aug 2005		Dec 2001	X
2025	000202_0035	Jan 2024	Dec 2024	Dec 2024	
2025	000202_0151	Oct 1997	Nov 1999	Oct 1997	XYZ
2025	000201_0888	Feb 1994	Mar 1988	Mar 1988	X
2025	000202_0152		Dec 2023	Jun 2017	
2021	082904_0310		Aug 2017	Mar 2018	
2019	060903_0990	Aug 2015	Jul 2015	Jul 2015	
2019	060902_0697	May 2017	Nov 2016	Aug 2006	
2020	060902_0771	Jun 2002	Jun 2002	Apr 2002	Y
2020	060901_0695	Mar 2017	Oct 2009	Sep 1998	Z
2019	025302_0415	Mar 2012	Apr 2012	Mar 2012	
2019	025302_0612	May 2012	May 2012	Apr 2012	
2020	025302_0375	Aug 1999		Feb 2005	Z
2020	025301_0845		May 1993	May 2000	Y
2023	023402_0169	Apr 2007	Mar 2014	Apr 2007	X
2023	023401_0218	Mar 2007		Mar 2007	Z
2023	023401_0526		Jul 2007	Jun 2007	
2023	067702_0492	Jul 2011	Mar 2012	Aug 2012	
2024	067701_0371		Jun 2003		Y
2023	094601_0408	Oct 2012	Jun 2013	Jan 2014	Y
2023	094602_0813	Feb 2002	Aug 2007	Jun 2000	Y
2022	118402_0510	Jan 2021	May 2021	Apr 2021	
2022	100301_0403		May 2020	Jul 1995	YZ
2022	100301_0902		Aug 2020	Mar 1990	YZ
2021	041802_0356	Jun 2016	Feb 2016	Jun 2016	X
2021	041801_0985		Oct 2001	Nov 2001	Z
2019	115701_0093	Dec 2015	May 2016		
2022	056902_6415	Apr 2006	Oct 2000	Sep 2011	
2022	056901_6157	May 2016	Jun 1999	Apr 1999	Y
2019	061202_0768	Jun 2007	Sep 1999	Jun 2007	
2019	061202_0835		Nov 2012	Nov 2012	
2021	061202_0014	Jan 2002	Feb 2000	Sep 1999	YZ
2020	107501_0227	Nov 1998	Jun 2013	Nov 1998	
2020	107501_0760	Oct 2006	Sep 2010	Apr 2007	
2020	107501_9211	Jan 2006			
2019	025202_0658	Mar 2014	Dec 1995	Jan 2008	
2019	025201_0092	Aug 2002	Apr 2002		
2019	025203_0076	Dec 1992	Mar 2003	Dec 1992	
2019	040701_0772	Feb 2005	Jan 1994	Mar 2012	
2023	132303_0507	Jun 1992	May 2021	Feb 2000	X
2024	030501_0036	May 2008	Jun 2007	Sep 2008	Z
2024	030501_0059	Oct 2008	Sep 2008	Feb 2005	Y
2024	030501_0116	Dec 2021	Nov 2008	Dec 2021	
2024	030501_0153	Feb 2022	Feb 2022	Feb 2022	

2024	030501_0308	Feb 2022	Nov 2021	Oct 2021	
2025	030502_0271	Jun 2017	Aug 2020		
2024	030501_0045	Sep 2021			
2024	030501_0028		Nov 2016		
2024	030501_0310		Feb 2015		
2024	030502_0191	Oct 2019	Oct 2019	Aug 2020	
2025	030502_0156	Jul 2025		Jul 2025	
2023	028001_0118	Jul 2008	June 2007	Aug 2008	
2023	028002_0479	Apr 2012	April 2012	Apr 2012	
2023	028003_0575	May 2008	May 1997	Aug 2008	
2023	028001_0183	Apr 2006	Mar 2008	Jul 2008	Y
2023	028001_0170	Apr 2001	Apr 2001	Mar 2025	XY
2023	028001_0054	May 2002	Aug 2012	Aug 2012	
2021	026902_0919	Mar 2011		May 2001	X
2025	037001_0237	Sep 2024	Sep 2024	Sep 2024	
2021	037001_0590	Jun 2003	Aug 2010	Sep 2010	XY
2021	037002_0462	Jan 1994	Jan 2011	Jan 2011	X
2021	037001_0687	Oct 1997	Sep 1997	Oct 1992	Y
2019	097301_0561	Nov 2015	Dec 2015	Dec 2015	
2021	029802_0737		Dec 2013	Dec 2013	
2021	029802_0732	Jan 2006	Jul 2002	Aug 2011	
2025	049302_0156	Jul 2011	Aug 2011	Jul 2011	XYZ
2024	049302_0247	Feb 2008	Feb 2008	May 2008	
2024	049302_0319	Feb 2008		Sep 2008	
2024	049302_0241	Apr 2000		Mar 2005	XZ
2024	049301_0220		Jun 2007	Mar 1996	YZ
2019	004801_0083	Dec 2015	Aug 2016	Aug 2016	
2019	004801_0156	Mar 2015	Aug 2016	Mar 2015	
2019	004801_0222	Dec 2015	Aug 2016	Dec 2015	
2019	004801_0255	Jun 2007	Jun 2007	Jun 2007	
2022	021402_0863	Aug 2014	Aug 2014	Jul 2015	
2020	129001_0484	Aug 2002	Aug 2002	Aug 2017	Y
2020	129001_0373		Mar 1993	Jun 2002	Y
2019	159502_0425	Aug 2010	Mar 2011	Mar 2011	
2020	048002_0258	Nov 2016		Nov 2016	
2023	048001_0494	Jan 2004		May 1999	
2023	048001_0582	Jun 2006		Oct 1999	XZ
2022	057402_0624	Sep 2011	Oct 1998	Oct 2011	
2022	057402_0227	Nov 1999	Jun 2013	Nov 1998	
2022	057402_7518	Feb 1996	Nov 1996		
2022	057401_7130	May 2021	Oct 2021	Aug 2021	XZ
2025	119602_0427	Sep 2000	Feb 2000	Nov 1999	XYZ
2019	125802_0300	Jun 2013	May 2013	Jun 2013	X
2025	032801_0107	Aug 2011	Apr 2011	Aug 1994	Z
2025	032802_0965	Nov 2008	Feb 2005	Nov 2008	
2025	032801_0266			Feb 1994	Z
2019	109801_0321		Mar 2005		
2019	109802_0648	Apr 2002	Apr 2002	Apr 2002	
2019	109802_0640	Feb 2011	Aug 2011	Aug 2011	
2019	109801_0689	Jan 2002	Mar 2015	Aug 2014	
2019	109801_0719	Aug 1995	Feb 2008	Apr 2002	
2020	109801_0141	Dec 1995	Aug 1995	Jan 1996	XY
2020	109801_0780	Jun 2001	Mar 1994	Aug 2017	XY
2020	109802_0226	Aug 2011	Aug 2011	Aug 2011	
2025	074402_0523	Jul 2014	Jun 2014	Feb 2013	

2025	074402_0725	Dec 1985	Jan 2006	Nov 1998	YZ
2025	036504_0207	Jun 1997	Jul 2003	Jul 2006	XY
2025	036504_0442	Jul 2012			
2025	063701_0124	Jan 2012	Jul 2011		
2025	063701_0102	Sep 2024	Sep 2024	Sep 2024	
2025	063702_0265	Apr 1992	Mar 1992	Aug 1991	
2025	063703_0607	Nov 2016			X
2020	122902_0834	Jan 2014	Jul 2014	Mar 2014	Z
2020	122901_0775	Mar 2000	Jul 1995	Jul 1996	XY
2020	024402_0522	Aug 2012	Feb 2013	Apr 2011	
2023	138101_0098	Apr 2013	Jan 2014	Dec 2013	
2023	138102_0569	Feb 2022		Jan 2022	
2023	138102_0219		Jul 2011	Aug 2011	
2023	138102_0625	Sep 2002		Feb 2002	XZ
2023	138101_0518	Jun 2007	Jul 2007	Aug 1991	XYZ
2019	057602_0653	Aug 1998	Jul 1998	Jul 1998	
2019	057602_0648	Dec 2015		Sep 2014	
2020	057601_7001	Jul 2015	Aug 2015	Jul 2015	XYZ
2021	057602_0557	Feb 2001	Feb 2003	Feb 2001	XYZ
2025	053501_0397	Dec 2010	Aug 2011		
2025	053501_0335		Jan 2022		
2025	053501_0501		Oct 2012		
2025	053502_0178		Apr 2024		
2023	154602_0857	Jan 1993			X
2021	008801_0968	Oct 1999		Aug 1999	
2020	008801_0810	Jul 2002	Jun 2003	Jul 2000	XZ
2020	008801_0822	Oct 2013		Oct 2012	X
2020	008801_0832	Aug 2017	Aug 2017	Aug 2017	XYZ
2020	008802_0056	Feb 2002	Sep 1999	Sep 1999	XZ
2020	008801_0966	Jan 1994	Jul 1996	Mar 1994	Z
2020	008803_0182	Oct 2017	Mar 2002	Sep 2006	XY
2019	008802_0267	Mar 2012		Apr 2012	
2020	127002_0601	May 2013		Nov 2012	
2020	127003_0091		May 2017	Nov 2016	
2020	127002_0236	Sep 2012		Apr 2013	
2021	093502_0268	Aug 2011	Aug 2011	Oct 2011	XYZ
2023	093501_0585	Jun 2011	Feb 2011	Jul 2011	
2025	160402_0173	Jun 2010	Apr 2013	Mar 1990	Z
2019	037302_0351	May 2017	Dec 2015	May 2017	
2019	037302_0721	Sep 2010	Mar 1990	Aug 2010	
2020	037302_0829		Jul 1993	Jul 1992	YZ
2021	037302_0727	Nov 2016	Mar 2017	Feb 2017	
2022	051402_0773	Jan 2017	Mar 2007	Jan 2017	
2022	051402_0535	Apr 2022	Jan 2024	Jul 2024	XYZ
2025	030601_0751	Feb 2005	Aug 1994	Nov 1999	XYZ
2025	030602_0611	Sep 2019	Sep 2019	Jul 2019	X
2025	030601_0388	Jul 1995	Oct 2002	May 1993	XYZ
2025	030601_0826	Jul 1995	Jul 1995	Jul 1995	XYZ
2025	030602_0507	Dec 2002	Mar 1998	Mar 1998	XYZ
2025	030602_0510	Oct 1992	May 1998	Oct 1998	XYZ
2022	019201_0599	Jan 2022	Dec 2022	Aug 2022	
2025	061301_0230	Feb 2021	Mar 2021		
2025	061301_0009	Oct 2016			
2022	039502_0624		Sep 1995	Aug 1994	
2021	039502_0622	Jan 2021	Jan 2021	Jan 2021	

2021	018202_0506	Mar 2021	Apr 2021	Mar 2021	XYZ
2019	158702_0231		Mar 2003	Jul 2007	
2025	129902_0410	Jun 1999		Apr 1994	XZ
2025	129902_0411			Feb 2001	Z
2020	053602_5806	Sep 2017		Jun 2019	
2020	053601_0335	Aug 2016	Aug 2016	Nov 2017	
2020	053601_0639	Mar 2007	Apr 2007	Apr 2007	
2020	053602_0257		May 1999		
2024	061402_0638	Jul 2011	Apr 2012	Apr 2012	Y
2024	061402_0827	Apr 2002	May 2013	Oct 1999	XZ
2024	061401_0410	Feb 2024			X
2024	061401_0734	Dec 2021			
2021	056302_0419	Mar 1995	Mar 1995	Jan 2005	Z
2022	102501_0153	May 1999	May 1999	May 1999	XZ
2021	159801_0247		Jun 2003		Y
2023	042703_0527	Sep 2002	Sep 2002	Sep 2002	XZ
2023	042703_0358	Oct 2010	Apr 2011	Apr 2011	
2023	042703_0364	Aug 2006	Aug 2006	Aug 2006	
2020	024701_0678	Apr 1996	Apr 1996	Apr 1996	Y
2020	024701_0562	Jul 2002		Jun 2001	X
2020	024701_0546	Jun 2007	Sep 2007	Sep 2007	
2021	025502_0438			May 2010	
2021	025502_0342	Aug 2011	Mar 2012	Aug 2011	
2021	025502_0439		Aug 2011		
2021	025502_0647	Nov 1999	Jan 1996		X
2021	168904_0472	Jul 2008	Apr 2010	Apr 2013	
2023	013702_0201	Apr 1999	May 1999	Apr 1999	YZ
2024	026002_0702	May 2001		Jul 1998	Z
2024	026001_0701	Oct 2019	Oct 2019		
2024	026001_0921	Nov 2021	Jul 2014	Oct 2013	
2024	026001_0922	Dec 2017	Mar 2020	Sep 2002	Z
2024	026001_0850	Apr 2021	Feb 2011	Dec 2021	
2024	026001_0919	Nov 2019			
2025	026001_0776		Jul 2020		
2025	026001_0815			Jul 2022	
2024	026004_0527		Jun 2007		
2024	026003_0963			Jul 2000	
2020	026004_0532			Sep 1998	
2020	051903_0340	Aug 2011	Aug 2011	Apr 2011	Y
2020	051901_0602	Feb 1999		Jan 2002	X
2020	051903_0360	Aug 2011		Jun 2011	
2023	051903_0816	Jun 2007	Apr 2007	Jun 2007	Y
2022	077201_0389		Mar 2014	Aug 2013	
2022	077202_0990	May 2014	May 2014	Jan 2014	
2019	061502_0453	Apr 2011	Apr 2011	May 2011	
2019	157701_0989	May 2011	Aug 2011		
2023	049403_0129		Mar 2004	Mar 1996	YZ
2025	000602_0403	Aug 2017	Dec 2016	Sep 2016	
2025	000602_0531	May 2011	Mar 1994	Aug 2018	
2025	000601_0333	Aug 2015	Aug 2015	Aug 2015	
2025	000601_0444			Aug 2017	
2024	043602_0083	Jul 2015	Mar 1999		
2024	043602_0111	Mar 2014	May 2014	May 2014	
2025	043602_0777	Feb 2008	Feb 2021	May 2008	XZ
2024	043602_0333	Apr 2015	Mar 2015	Nov 2014	

2024	043602_0096		Jan 1994		Y
2024	043602_0801		Feb 2021		
2024	043602_0179			Mar 2014	
2024	043602_0196			Dec 2014	
2023	030701_0302		Aug 2014	Sep 2014	
2022	140702_5653	Jul 2017	Nov 1999	Jul 2017	
2025	140201_0698	Feb 2020			
2024	013802_0776	Mar 2022	Jun 2021		
2024	013802_0871	Mar 2016	Nov 2015		
2024	013801_0666	Nov 1999		June 2007	X
2019	161301_0537		Sep 2013	Nov 2014	
2019	054202_0477		Jul 2011	Feb 2011	
2020	054202_0430	Jun 2010		May 2010	
2020	054201_0289	Mar 2000			X
2019	126302_0707		Nov 2016	Nov 2016	
2019	126302_0809	Apr 2011	Feb 2011	Feb 2011	
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2023	034701_0889	Sep 2019	Aug 2020	Jul 2020	
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2025	020903_0180	Apr 1994	Jan 2008	Sep 2002	XZ
2025	020902_0099	May 2016	Apr 2000	Sep 2003	YZ
2025	020903_0632	Dec 2015	Nov 2016	Dec 2015	Z
2025	020902_0747			Jun 2001	Z
2019	017902_0707	Jun 2007	Jun 2007	Apr 2000	
2019	017902_0446	Jan 2017		Jul 2017	
2025	017902_0888	Sep 2012	Sep 2012	Jul 1998	Z
2021	017902_0392	Jan 2008	Feb 2008	Jan 2008	YZ
2025	017902_0840	Jun 1999	Jan 1994	Feb 2003	XYZ
2025	017902_0308	Jun 2000	Apr 2007	Apr 2007	XZ
2025	017902_0261	Oct 2015		Feb 2016	
2024	077101_0664	Sep 2021	Dec 2015	Dec 2015	
2024	077101_0665	Dec 2015	Aug 2002		
2024	077101_0670	Apr 2015	May 2008	Apr 2015	
2024	077102_0327		May 2008	May 2008	
2022	159701_0060	Dec 2015	Dec 2015	Dec 2015	
2023	038102_0841	Jan 2002	Aug 2019	Jun 2007	
2023	038102_0769	Sep 2019	Sep 2019	May 2019	
2023	038102_0778	Jun 1998	Jun 2007	Jun 2007	X
2023	038102_0804	Jun 2007	Aug 2019	Apr 2007	
2023	038101_0429	Aug 2012		Apr 2013	
2023	122704_0578	Aug 2018	Oct 2019	Aug 2018	
2022	097702_0239	Apr 2007	Apr 2008	Apr 2008	
2019	029501_0307	Feb 2008	Oct 2008		
2020	029501_0239	Jan 2006	Mar 2006	Jan 2006	Y
2022	029501_0218	Feb 2022			
2022	162601_0317	Oct 2016	Aug 2016	Jun 2013	
2025	032302_0990	Nov 2014	Nov 2014		
2025	032301_6970	Jan 2004	Jan 1994		XY
2025	032301_0732	Sep 2015	Sep 2007	Aug 2016	
2025	032301_0018	Oct 2017	Oct 2017	Oct 2017	
2025	032301_6958	Jun 2008	Oct 1992	Jun 2008	XY
2025	032302_0948	Jun 2003	Jul 2015	Jun 2000	
2025	032302_0736			Aug 2002	
2025	032302_0902			Aug 1999	Z

2025	032302_0724		Aug 2017	Mar 1996	
2025	032302_0929		Aug 2011	Aug 2011	
2024	032301_0981		Jul 2011		Y
2020	100902_0408			Feb 2003	
2022	002501_7105	Mar 2020	Sep 2019	Sep 2019	
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2020	041201_0684	Nov 2008	Jun 2008	Nov 2008	
2020	041201_0634	May 2008	Jun 2010	Jun 2002	
2020	041202_0312	Apr 2019	Jul 2008	Sep 2008	
2020	041202_0479	Sep 1996	Mar 2014	Jan 2014	
2020	041201_0304	Sep 1999	Nov 1999	Nov 1999	XYZ
2020	041201_0633	Aug 2010	Aug 2010	Aug 2010	Y
2020	041201_0555	Jan 2011	Apr 2011	Feb 2011	YZ
2021	126702_0221	May 2018	May 2018	May 2018	
2021	126702_0285	Feb 2001	Feb 2001	Feb 2001	XZ
2021	126702_0390	Jul 1998	Jul 1998	Mar 2002	Z
2021	126702_0385	Jul 2019	Oct 2019	Oct 2019	
2022	102601_0171	Jan 2022	Jan 2022	Mar 2022	
2022	102601_0172	Feb 2022	Mar 2022		
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2022	064202_0425	Nov 2012	Nov 2012	Nov 2012	
2022	064201_0677		May 2011	Feb 2011	
2022	064201_0333	Feb 2014	Jul 2014	Jul 2014	
2022	064201_0336		Aug 2017	Aug 2017	
2022	064202_0240	Jan 2012	Apr 2012	Feb 2011	
2021	073302_0872	Mar 1994	Aug 1994	Mar 1994	XYZ
2021	106901_0738	Nov 2012	Aug 2012	Mar 2021	Z
2023	106901_0688	Jun 2007	Jun 2007	Jun 2007	
2023	106901_0670	May 2015	May 2015	May 2015	
2023	106901_0467	Dec 2010			
2023	106901_0820	Aug 1998	Jul 1998	Oct 1998	
2021	058902_0321	Feb 2008	Oct 2001	Nov 2008	
2023	167302_0190	May 1994	Feb 2008	Apr 1994	
2023	167302_0122	Jul 2007	Jan 2008	Sep 2007	
2023	167302_0126		Mar 1994	Jul 2007	
2022	075402_0148	Sep 2021	Jul 2021	Jun 2021	XYZ
2024	060202_0567	May 1999	Jun 1999	Jun 1999	
2024	060202_0577	Apr 2024	Jul 1998	May 2024	X
2024	060203_0502	Jul 2008	Nov 2008		
2024	060203_0104	Dec 2015	Nov 2015	Oct 2015	Z
2025	060203_0444	Jun 2016	Nov 2015	Jul 2015	
2024	060203_0449	Aug 2015	Aug 2015	Aug 2015	
2025	060203_0777	Dec 2015	Dec 2015	Apr 2013	
2024	060201_0590	Oct 2021	Oct 2021	Oct 2021	
2024	060202_0651			Jul 2014	
2024	060204_0109	May 2000			
2024	060201_0828	Feb 2021	Feb 2021	Feb 2021	
2021	137302_0103	Apr 2012	Mar 2012	May 2012	
2021	137302_0032	Sep 2016	Sep 1999	Sep 1999	
2019	053702_0604		Aug 2011		
2020	053701_0715	Jun 1998	May 2001	May 1998	Y
2019	053701_0515	Jan 2006	Oct 1992	Oct 1996	YZ
2022	053701_0727		Jan 2004	Mar 1998	Z
2023	035702_0419			Oct 1992	Z

2023	035702_0420	Sep 2010	Aug 2009	May 1998	
2020	125201_0410	Feb 2008			
2022	147602_0012	Nov 2002	Sep 2002	Sep 2002	Y
2022	147602_0476	Sep 1996	Nov 2005	Jun 1994	XYZ
2019	129802_5106	Feb 2016	Jun 2003	Feb 2016	Y
2019	129802_5124	Jun 2005		Jun 2005	XZ
2021	029601_0547	Oct 2008		Nov 2007	
2021	029601_0549	Apr 2003	Feb 2006	Jul 2002	
2022	029603_0567	Jan 2022	Jan 2022	Feb 2022	
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2024	069901_0769	Jun 2024	Jun 2024	May 2024	
2022	037702_0173	Sep 1999	Feb 1999	Aug 1998	Y
2019	139501_0764	Oct 2000	Oct 2000	Oct 2000	
2020	040202_0735	Sep 2002	Aug 2002	Nov 2002	Y
2021	040202_0893	Mar 2006	Mar 2006	Feb 1996	XYZ
2020	098301_0812	Oct 1992	Jan 1996	Mar 1994	XZ
2024	030401_0211	Sep 2017	Sep 1999		
2024	030401_0222		Mar 2002	Jul 2019	
2024	030401_0320	Apr 2021	Jun 2021	Apr 2021	
2024	030402_0684	May 2015	May 2015	Apr 2015	XYZ
2024	030401_0360		Jun 2023		Y
2024	030402_0385			Jun 2000	Z
2025	020502_0563	Sep 2020	Sep 2020	Sep 2020	
2019	157602_0471	Jul 2006	Dec 2015	Aug 2009	
2022	157601_0015	Jul 2022	Jul 2022	Jul 2022	
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2022	157602_0014	Nov 2020	Jun 2021	Jul 2022	
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2025	078601_0584	Feb 2012	Mar 2000	Feb 2000	Y
2025	078601_0598	Jan 1999	Jan 1999	Jun 2021	Z
2025	078602_0528			Sep 1999	Z
2025	078601_0593			Mar 1998	Z
2020	052003_0888	Oct 1998	Dec 1996		
2020	127302_0009	Aug 1994	Sep 2010	Aug 1994	
2019	041601_0139	Jul 2011	Feb 2011	Dec 2010	
2020	041602_0350	Dec 2002	Dec 2002	Jun 2003	XZ
2025	011401_0923		Jul 2011		
2025	011402_0180		Nov 2015		
2026	022803_0945	Aug 2018	Aug 2018	Aug 2018	
2025	008002_0772	Mar 1998			
2020	022701_0217	Jun 2007	Jun 2003	Oct 1998	Y
2024	041401_0242	Dec 2001			X
2025	050801_0888	Aug 2018	Sep 2002	Nov 2002	
2026	021103_0460	Jan 1996	Jan 1996	Jan 1996	
2025	064802_0478	Aug 2006	Jan 1996	Jan 2012	
2025	029001_0402	Jun 2013	Jun 2013	Apr 2015	
2024	022302_0439	Apr 2014	Feb 2014	Dec 2013	
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2026	127601_0470		Feb 2017	Mar 2017	
2026	077001_0285	Mar 1995	Jan 1994	Jan 1994	
2026	066502_0775	Aug 2009	Aug 2009	Sep 2009	
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2026	161902_0792	Mar 1999	Mar 1999	Mar 1999	
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2026	049801_0151	Jul 2000	Aug 2000	Jul 2000	
2026	135201_0561		Nov 2008	Mar 2000	
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2026	063203_0542	May 1993	May 1993	May 1993	
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2021	109102_0191	Mar 2003	Mar 2003	Feb 2003	YZ
2026	037902_0566	Nov 1999	Nov 1999	Jul 2001	
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2026	030201_0546	Sep 2008			
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2026	073501_0133	Dec 2010		Jan 2002	
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2026	151402_0555	Sep 1996	Sep 1996	Sep 1996	
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2025	100302_0911	Apr 2008	Feb 2003	Oct 2007	
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2026	024402_0520	Nov 2000	Nov 2000	May 2012	
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2026	056301_0605	Jul 2000	Jul 2005	Sep 2005	
2026	042703_0743	Mar 2002	Mar 2002	May 1999	
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2025	000601_0212		Sep 1995	April 1994	YZ

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2025	159701_0465	May 2013	Sep 2016	Dec 1996	
2024	122705_0901	Sep 2019	Aug 2019	Jul 2019	Z
2025	126701_0502	Oct 2012		Oct 2010	
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2023	030002_0402	Mar 1994	Mar 1994		XY
2019	024301_0606	Dec 2002	Feb 2003	Dec 2002	
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2022	037501_0131	Nov 2007	Oct 2007		
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2024	092101_0342			Aug 1994	
2024	092102_0176	Mar 2023	Mar 2023	Mar 2023	
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2024	024802_0727	Jul 2024		Feb 2024	
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2023	099102_0292	Mar 2005	Jul 2006	Apr 1994	Z
2020	115301_0043	Feb 2002	Mar 2005	Feb 2012	X
2020	003102_0458	Apr 1996	Apr 1996	Apr 1996	XYZ
2020	125102_0551		Apr 2012		
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2020	084102_0940		Mar 2017		
2024	002703_0926	Sep 2014		Jun 2004	XZ
2023	148301_0642		Apr 1995		
2024	147502_0636	Jul 2022	Jul 2022	Nov 2021	
2024	147502_0017	Jul 2022	Jul 2022	Nov 2021	
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2022	126701_0062			Nov 2008	
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2022	112101_6002		Jun 2016		
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2022	078901_0982		Dec 2001	Apr 2001	YZ
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2022	078901_0957	Jul 1998	Jun 2001	Feb 2002	XZ
2022	048802_8391	Jun 2003	Jan 1999	April 1999	XY
2019	148001_0699	Jul 2002			
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2020	030001_0209		Dec 2002		
2023	030001_0055	Jun 2000	Jan 2006	Mar 1994	XYZ
2019	059502_0535	Sep 2014	Sep 2014	Sep 2014	
2019	059501_0142	Jun 2008	Dec 2010	Aug 1996	
2019	059501_0328	Apr 2013	Apr 2013	Aug 2012	
2019	059501_0175	Apr 2013	Feb 2002	Apr 2013	
2023	005501_0732	Sep 2007	Mar 1994	Nov 2010	X
2019	024301_0524	Feb 2003	Jun 2013	Jun 2013	
2019	024302_0886	Apr 2002		Apr 1993	
2022	141201_0241	Oct 1996		Mar 2000	XZ
2022	141201_5102			Jan 2018	
2022	141202_0081		Feb 2011	Jan 2008	
2022	141201_0251	Aug 1994			X
2019	151002_0504		Oct 2007		
2019	151002_0783	Apr 2011	Aug 2010		
2019	151002_0506		Jan 2006	Aug 2010	
2021	037603_0390			Feb 2009	
2021	006502_0752	Mar 2021	Mar 2021	Mar 2021	XYZ
2019	064103_0325	Jul 2015	Dec 2015	Jul 2015	
2020	042002_0318	Mar 1998	Feb 2000	Apr 2011	XY
2020	042002_0365	Jun 2017	Sep 2002	Jun 2001	Z
2023	062301_0106		Feb 1999	Jun 2007	Z
2023	062302_0321	Jun 2018	Oct 2016	Sep 2018	
2023	062302_0255			Jun 2001	
2023	062301_0162	Apr 2007		Sep 1999	
2023	002401_0002	Jun 2007		Jun 2007	
2023	002402_0447		Oct 2015	Feb 2016	
2023	002401_0407	Feb 2016		Feb 2016	
2023	002401_0817			Mar 2006	
2022	108101_0037	Aug 2007	Jul 2007	Aug 2007	
2020	047502_0586	Nov 2002	Oct 2016	Nov 2002	Z
2021	047502_0624	Sep 2018	Jul 2018	Jul 2018	
2022	076201_0421		Nov 2015	Apr 2016	

2022	076202_0774	Mar 2014	Nov 2015	Mar 2014	
2022	076202_0361	May 2013	Apr 2013	Oct 2013	
2022	076202_0414			Apr 1999	
2024	050803_0178		Nov 2008	Nov 2008	
2024	050803_0134		Feb 2005		
2024	050803_0147	Feb 2017	Apr 2002	May 2001	
2024	050803_0304	Aug 1994	Jun 1998		XY
2024	050803_0151	May 2015	Sep 2014	Mar 2015	
2024	050803_0466	Mar 2017	Feb 2011	Jan 2004	XY
2019	131402_0247	Feb 2018		Sep 2017	
2023	134702_0888			Jul 2011	
2023	134702_0933		Aug 2009		
2023	134702_0420	Dec 2012		Mar 2011	
2023	134702_0989	Jan 2013	Jan 2013	Jan 2012	
2022	001102_0667	Oct 1998			X
2022	110401_0731	Mar 2003	Feb 2003	Mar 2003	
2023	035101_0814	Apr 1993	Jun 2002	Sep 1996	XYZ
2019	163502_0625	Jul 2008	Aug 2008		
2019	123102_0529	Jun 2012	Jun 2012	Oct 2012	
2019	123101_0894	Apr 2005			
2019	123101_0401	Aug 2017		Aug 2017	
2022	131202_0926	Sep 2021			
2022	131201_0592	Oct 1997			
2022	131201_0623	Jun 2007	Sep 1998	Mar 1999	YZ
2023	131202_0230	May 2012	Apr 1996	Dec 1995	XZ
2024	005801_0668		Jan 2006		Y
2021	021103_0273	Jul 2007	Mar 2002	Feb 1996	
2021	021102_0177	Apr 1996		Apr 1996	Z
2022	154101_0766	Sep 2010	Sep 2010	April 2011	XYZ
2022	085801_6335		Jan 2006		Y
2022	085803_0601	Oct 2016	Nov 2016	Feb 2000	Z
2023	085803_0578			Dec 1997	Z
2023	064801_0659	Mar 2001	Mar 2001	Mar 2001	XYZ
2024	003701_0489	Jan 2014	Jan 2014	Jan 2014	Z
2024	093201_0207		Jun 2013		
2024	093202_0712	Apr 1992		Aug-99	
2023	051601_0588	Jan 2013	Dec 2021	Apr 2002	
2023	029002_0819	Dec 2021	Dec 2021		
2023	029001_0888	Feb 2013		May 2013	
2023	029001_0712	Feb 1994	Feb 1994	Feb 1994	XYZ
2023	029002_0457	Aug 1996	Jun 2007	Aug 2011	X
2019	060601_0144		Oct 2008		
2020	060601_0851			Feb 2013	Z
2022	025603_0249	Aug 2006	Dec 2001	Apr 2007	
2023	025603_0205	Mar 1994	Feb 2002	Jun 1993	XYZ
2022	132201_0515	Mar 1996			X
2022	132201_0828		Mar 2007	Mar 1994	Z
2022	023002_0229	Jun 2003	Nov 2001	Apr 2011	Z
2019	062401_0475	Aug 2011	Feb 2002	Jan 2013	
2019	129401_0215		Mar 2011		
2019	129401_0491			Jul 1993	
2019	129401_0635		Dec 2014	Dec 2014	
2021	129401_0475	Dec 2014	Dec 2014	Dec 2014	
2023	004601_0808	Oct 1992	Mar 1999	Apr 2002	Z
2023	004602_0301	Sep 1997	Mar 1994	Apr 1992	XYZ

2019	088501_0310		Mar 2007		
2024	003506_0339	Sep 2006	Apr 2000	Sep 2006	XYZ
2019	087201_0483	Aug 2010			
2019	087202_0901		Feb 2008	May 1999	
2021	087201_0446	Jul 2018	Sep 2018	Sep 2018	
2021	127902_0500	Oct 2016	May 2017	May 2017	
2022	037502_0326		Apr 2016	Apr 2016	
2022	037501_0113	Jul 2010	Mar 2013	Feb 2013	
2022	037501_0145	Nov 2008	Feb 2018	Aug 2002	
2021	011202_0024		Mar 1998		
2021	011201_0802	Oct 2019	Oct 2019	Feb 2020	
2022	135601_0211	May 2012	Nov 2014	Feb 2005	
2022	083801_0589	Jan 1999	Jan 1999	Feb 1999	Z
2021	022303_0851	Mar 2004	Nov 1998	May 2018	X
2021	022303_0818	Jul 2015		Jul 2015	
2021	022303_0780	Sep 2008		Nov 2008	
2021	022303_0767	Jul 2015		Jul 2015	
2021	022303_0822	Jun 2007	Mar 2006	Nov 1999	
2021	022302_0231			Sep 2013	
2021	022301_0783	Apr 2000	Jun 2007	Jan 2017	
2021	022303_0838	Aug 2010			X
2021	022302_0441	Sep 2008			X
2021	022302_0682	Mar 2014			
2019	088203_0385	Aug 1999	Nov 2008	Sep 1999	X
2019	088201_0947	Aug 2016		Aug 2016	
2020	088202_0945		Sep 1999	Nov 1999	YZ
2019	112601_0912	Aug 2006	Jun 1997	Apr 2006	
2019	112602_0457	Nov 2014	Aug 2014	Sep 2014	
2019	112603_0667	Jun 2007	Mar 1997	Jul 1997	
2019	112602_0740	Aug 2016	Aug 2016	Aug 2016	
2019	112602_0369	Oct 2012	Feb 2011	Jul 2011	
2019	112601_0252	Aug 2001	Jan 2002	Feb 2000	
2022	112601_0837		Jul 2020		
2023	112603_0180	Jun 1998	Jun 1998	Jun 1998	
2019	057101_0286	Mar 2018	Mar 2018	Mar 2018	
2023	023702_0486	Jun 2002	Jun 2002	Jun 2003	XYZ
2023	023702_0173	Mar 2014	Mar 2014	May 2014	
2022	028301_0732	Dec 2014		Dec 2014	
2022	028302_0465			Nov 2012	
2022	028301_0168	May 1999	Jun 2007	Mar 1996	Z
2019	100502_0752		Jun 2016	Jun 2016	
2020	100502_0939		Apr 2013		
2022	100501_0679	Jun 1993	Jul 1994	Feb 2008	
2022	009005_0025			Jan 1999	
2022	009004_0547	Dec 2001		Mar 2000	
2022	009007_0340	Nov 1999	Apr 1997	Apr 1997	Y
2022	009004_6982	Jan 2006		Jan 2006	X
2019	048204_0850	Jan 2006	Nov 2010	Oct 1998	
2019	048203_0261	Jul 2002		Jul 2002	
2024	009202_0430	Mar 2000			
2024	009203_0130			Oct 2012	
2019	026802_5300	Apr 2007		Oct 2007	
2020	026802_0710			Feb 2012	
2020	026802_0015	Jun 2002			
2020	026802_0723	Aug 2011			

2023	076004_0853	Sep 1999	Sep 1999	Dec 2001	XYZ
2023	076004_0124	Feb 2014	Aug 1992	Sep 1996	Y
2020	018001_0651	Mar 2001	Mar 2001	Nov 2000	
2020	018002_0392	Oct 2008		Sep 2008	X
2019	042202_0802	May 2013	Jun 2013	Jun 2013	
2023	168702_0773			Jan 2013	
2023	168702_0961	Apr 2016	Jun 2002		
2021	137101_0134	Feb 2003			
2022	137101_0043	Feb 2009	Feb 2000	Feb 2009	
2020	085701_0366	Apr 2007	Apr 2007	Apr 2007	
2023	103102_0199	Mar 2012		Apr 2011	
2023	000402_0070		Oct 2021	Mar 2012	Z
2023	000402_0222	May 2022	May 2022	May 2022	
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2023	000402_0141	Feb 2015	Feb 2015	Feb 2015	
2021	071203_0213	Sep 2021	Feb 1995	Nov 2020	
2019	057001_0155	Feb 2016	Sep 2016		
2019	057002_0756	Oct 2012	Oct 2012	Oct 2012	
2019	057002_0737	Jun 2010	May 2010	Jun 2010	
2019	057001_0528	Jan 2002	Mar 2002	Feb 2001	
2019	153601_0283			Jun 2019	
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2022	032702_0403		Jul 2015	Dec 2015	
2022	032702_0714	Apr 2011	Aug 2010	Jul 2012	
2019	041901_0567	Dec 2002	Sep 2002	Sep 2002	Y
2019	041901_0584	Jan 2006			
2020	041902_0369	Apr 2012	Apr 2012		XY
2020	041902_0400	Nov 2014	Nov 2014	Nov 2014	Z
2020	041901_0470			Aug 1998	Z
2020	041901_0558	Aug 2011	Aug 2011	Sep 2013	YZ
2019	062902_0956	Sep 2016	Oct 2010	Sep 2010	
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2022	127601_0662	Oct 2014	Jul 2014	Sep 2014	
2023	122502_0710		May 2008	Oct 2008	
2023	122502_0703	Jul 2007	Aug 2009	Sep 2009	
2023	122501_0522	Aug 1993	Feb 2000	Jun 1993	XYZ
2023	122502_0777	Mar 2006	May 2018	Mar 2000	Z
2023	122501_0664	Feb 1994	Mar 1994	Jun 2002	XY
2019	049102_0002	Nov 2015		Nov 2015	
2021	049101_0396	Aug 2002	Aug 1994	Mar 2002	YZ
2022	049102_0514	Aug 1998	May 1994		X
2021	077001_0514			Apr 2013	Z
2023	077001_0512			Mar 2012	Z
2019	066504_0257	Sep 2009	Aug 2007	Aug 2007	
2023	082401_0553	Sep 2010	Feb 2011		XY
2023	082402_0460	Apr 1999	Aug 2005	Mar 1999	Z
2023	070003_0477	Feb 2003		Feb 2003	XZ
2023	070002_0981		Jun 2003	Jan 2002	Y
2019	148602_0730	Sep 2002	Jul 2002	Sep 2002	
2019	063002_0710		Oct 2017		
2020	037101_0731	Mar 1996	Mar 1996	Jul 2010	
2020	037101_0759	Nov 2015		Dec 2002	
2024	092102_0288	Jul 2007	Aug 1999	Jun 2007	Y
2024	092102_0888	Apr 2000	Jul 1998	Jun 1998	YZ
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2019	025801_0662	Sep 1996		Sep 1996	
2019	025801_0947	May 2010	Jun 2010	Mar 2019	
2020	025803_0070	Oct 1999	Aug 1999	Mar 2004	
2020	025802_0518		Oct 2008		
2022	025802_0520	Nov 2008	Sep 2008	Mar 2002	
2019	067401_0220	Oct 2015		Nov 2008	
2022	034001_0061	Mar 2016			
2022	034002_0655	Jul 2011			
2022	034002_0890		Aug 2016	Nov 1999	
2022	034003_0373	Aug 1999	Sep 1998	Dec 1985	XY
2022	034001_0541	Jul 1998	Jun 1998	Jun 1998	XZ
2019	163802_0218		Nov 2015		
2019	147202_0447	Aug 2006	Aug 2006	Sep 2006	
2019	031002_0368	Mar 2015	Mar 2015	Mar 2015	
2019	031001_0483	Jul 2015		Jul 2015	
2020	031001_0445	Jul 1985	Jul 1985	Jul 1985	XYZ
2021	031002_0159	Apr 1996	Apr 1989	Jul 1993	XYZ
2023	109502_0105	May 1996	Jun 2007	Mar 1994	XZ
2023	109502_0795	Mar 2002	Jun 2007	Feb 2011	X
2023	109502_0769	Jun 2007	Apr 2007	Oct 1990	Z
2023	127403_0551		Oct 2016		
2022	127403_0761		Mar 2003		
2019	020701_0303	Sep 1997	Jun 1997	Sep 1997	
2019	020702_0731	Feb 1999		Feb 1999	
2019	051501_0378	Mar 2011	Jul 2011	Mar 2011	
2019	150702_0952	Mar 2000	Apr 2002	Feb 2000	
2020	150702_0997	Jun 2008	Nov 1999	Nov 2001	YZ
2019	150701_0999	Sep 2010	Apr 2017	Apr 2017	
2019	065702_0584	Jul 2011	Oct 1998		
2023	127501_0464	Aug 1998	Apr 1997	Aug 1998	Z
2023	097202_0260	May 1998	Sep 2002	Nov 2001	
2023	043701_0456		Feb 2011		
2019	072901_5054	Apr 2011		Feb 2011	
2020	072901_0759	Oct 2016			
2022	072902_9596	Oct 2011	Apr 2011	Jul 2003	Z
2019	105301_0463	Feb 2008	Oct 2007	Nov 2007	
2022	161902_0754		Aug 2020	Aug 2020	
2019	012802_0231		Aug 2010		
2019	012802_0482	Jul 2007	Oct 1992	Jun 2007	
2022	038001_0630	Apr 1999			
2023	005601_0276	Aug 2015	Aug 2012	Aug 2011	
2022	018901_0252	Jun 2003			X
2022	018901_0217	Aug 2002	Sep 2002	Aug 2002	
2022	018902_0544		Jun 2015	Jul 2015	
2022	018902_0684		May 2015	Jul 2015	
2022	018901_0288	Mar 1994	Feb 2000	Feb 2008	XYZ
2019	162201_0522	May 2012	May 2012	Oct 2011	
2019	162202_0750	Feb 2009	Oct 2009	Jul 2002	
2019	041002_0886	Aug 2012	Jul 2006	Aug 2012	
2019	041001_0178	Apr 2007			
2019	041001_0874	Dec 2002	Apr 2007	Feb 1992	
2019	041003_0583	May 2008	Jul 2007	Jul 2008	
2023	082002_0778	Jun 2019	Aug 2019	Jul 2019	
2023	082002_0650			May 2014	
2023	082001_0446	Feb 2006			X

2023	082001_0445		Mar 2006	Apr 2005	
2023	082001_0626	Apr 2000	Feb 2000	Sep 1999	XY
2023	082001_0159	Jul 2011	Aug 2011		
2021	135202_0659		Feb 2011		
2021	135202_0618	Jan 2002		Oct 2008	
2021	135201_0262	Jul 2007	Jan 2002		Y
2023	135202_0379	Jul 2020		Aug 2020	
2024	106504_0575	Jan 2017	Jun 2010	Jun 2010	X
2023	073604_0485	Jun 2010	Jun 2010	Jun 2010	
2023	009902_0244	Mar 1998	Dec 2002	Aug 2011	XY
2023	009902_0960	Nov 2012	Jan 1994		Y
2023	009901_0742		Jun 1997		
2023	009902_0568	Jun 2007	Feb 2000		Y
2023	009902_0524		Feb 2008	Nov 1995	Z
2023	009902_0377	Jul 2017	Jul 2017	Aug 2017	
2019	010105_0728	Jul 2011	Jul 2011	Jul 2011	
2022	010105_0349	Jun 2014	Oct 2008	Jun 2016	X
2021	035801_0430	Mar 2017			
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2021	035801_0418	Jun 2011	May 2011		
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2020	121701_0261		Jun 1994		
2020	121701_0303			Jun 2001	
2023	121701_0260	Dec 2001			X
2023	121702_0801		Nov 2001	Nov 2001	YZ
2023	058001_0275	Jun 1990		Jun 2021	
2024	058002_0115	Jun 1999	Mar 2000	Jun 1999	XZ
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2024	010404_0650	Jul 2000	Mar 2024	Jul 1996	
2024	010404_0625		Oct 2010		
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2024	010401_0211	May 2008	May 2018	Jun 2017	
2024	010401_0735	Feb 2016			
2024	010404_0730		Jul 2007	Jun 1993	Y
2024	010403_0476	Nov 2008	Mar 2004	Nov 2008	
2024	010401_0245	Jun 2007		Aug 2013	X
2024	010404_0366	Jun 2017		Jun 2017	Z
2023	053302_8093		Apr 1999		
2022	053302_0817	Mar 2011	Aug 2011	Mar 2011	
2024	040602_0561	Oct 2008		Aug 2016	
2024	040601_0216	April 2024	Aug 2024	Aug 2024	
2024	040601_0180		May 2014	May 2014	
2024	040602_0536	Nov 2008	Nov 2008	Nov 2008	Y
2019	108201_0373	Jan 2006		Jan 2006	
2019	006202_0049	May 2016	Feb 2016	Feb 2016	
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2022	025403_0317	Oct 2012	Feb 2001	Jul 1995	Y
2022	025403_0460	Jan 2014	Oct 2012	Oct 2013	
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2019	039401_0141		Nov 2005		

2019	039401_0143	Mar 2002	Aug 2002	Aug 2002	
2019	079702_0097	Jul 1998	May 1996	Aug 2011	
2024	014502_0708	Oct 2008	May 2008	Jul 2008	
2024	014502_0802	Nov 2020		Jul 2022	
2024	014501_0761	Sep 2002	Jul 1997	May 1996	X
2024	014501_0640	Jan 2017	Jan 2017	Jan 2017	
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2019	112802_0927		Mar 2005		
2019	112802_0822	Sep 1997	Oct 2013	Oct 2012	
2020	112801_0673	Jul 2007	Oct 2007	Jan 2004	Z
2020	112801_0929	Nov 2004	Jan 2008	Apr 2005	XY
2021	112802_0472	Aug 2016	Aug 2016	Aug 2016	
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2019	026501_0238	Mar 2012	Sep 1996	Apr 1996	
2020	026501_0085	Sep 2016	Sep 2016	Sep 2016	X
2023	141801_0344		Aug 1995		Y
2023	141801_0395	Feb 2014	Jun 2017	Feb 2013	
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2020	081601_0827	May 1997	May 1997	Sep 2002	XYZ
2019	029102_0569	Aug 2011			
2019	029101_0243	Jul 2015		Apr 2011	
2019	029102_0720	Aug 2016	Aug 2016	Aug 2016	
2019	029102_0650	Mar 2014	Dec 2015	May 2018	Z
2022	051001_0510	Jan 1993	Jan 1993	Jan 1993	XYZ
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2022	014401_9147		Jul 2011		
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2019	025902_0353	Sep 2016		Mar 2015	
2019	025902_0931	Jul 2015	Jun 2008	May 1996	
2019	025901_0530	Apr 2007			
2020	025902_0506	Aug 2012	Aug 2012	Aug 2012	XYZ
2020	025903_0793	Jun 2008	Jul 2008		Y
2019	063202_0325	Jan 2017		Jan 2017	
2019	063202_0348	Aug 2011		Aug 2011	
2019	063202_0347	Feb 2015		Oct 1999	
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2024	100802_0899	Jul 1980		Sep 1998	X
2024	100802_0683	Jul 1997		Jan 2006	
2024	100802_0564		Dec 2021		
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2024	033801_0370	May 1991	Feb 2002		
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2023	059901_0459		Jan 2002	Nov 2008	
2023	059902_0807			Sep 2008	
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2019	037902_0561		Apr 2013		
2019	037901_0728	Aug 2011	Aug 2014	Aug 2014	
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2019	069803_0746	Jun 2017	May 2017	May 2017	
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2019	069801_0027	Sep 2018	May 2018	Nov 2016	
2022	069801_0006	Jun 2007	Jul 2015	Jan 2017	
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2019	030202_0354	Dec 2001	Oct 2001	Dec 2001	
2019	030201_0253	Apr 2000	Jun 2008		
2020	030202_0786	Dec 2001		Dec 2001	XZ
2022	030201_0609			Mar 1990	Z
2022	028202_0719		Oct 2017		
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2019	006801_0765			Jan 2008	
2019	006802_0729	May 1992	May 1992	May 1992	
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2019	078801_6653	Dec 2015	Mar 2015	Mar 2015	
2019	078802_0558	Apr 1999	Sep 2011		
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2022	039601_0487	Aug 2015	Oct 2001	Jun 2011	XYZ
2022	039601_0260	Jul 2021	Jan 2008	Sep 2008	
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2019	153001_0333	Jul 2017	Oct 2017	Oct 2017	
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2023	067202_0176	Feb 2003	May 1996	Jun 2007	
2023	067201_0177	Nov 2001		Sep 2019	Z
2023	107604_0290			Apr 2013	Z
2023	107604_0605	Mar 2005	Mar 2005	Mar 2005	XYZ
2023	011302_0217	Sep 2008	Oct 2008	May 2008	
2023	011302_0010	Mar 2011	Dec 2010		
2023	057701_0708	Oct 1992	Oct 1999	Sep 1999	XYZ
2023	076701_0681	Oct 2014	Dec 2014	Jan 2015	
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2023	076702_0788			Sep 2008	

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2021	129301_0479	Oct 1996	Sep 2010	Jan 2017	
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2022	063301_0681	Apr 2002	Apr 2016		X
2019	030301_0965	Sep 2013		Apr 2013	
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2023	076605_0180	Mar 2005	Mar 2002	Sep 2002	XYZ
2023	076601_0073	Apr 1993	Nov 2002	Mar 1992	XYZ
2023	029404_0459	Aug 2006	Aug 2005	May 1989	
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2022	042501_0833	Jul 2007	Oct 2007	Oct 2007	
2022	042502_0367	Jul 2002	Oct 1999	Sep 2002	X
2022	042502_0133	Dec 2017	Jul 2017	Oct 2013	Z
2022	042502_0138	Apr 2013	May 2013	Feb 2013	XYZ
2022	042501_0114	Jan 2002	Oct 1998	Nov 2010	Y
2022	042502_0134	Jul 2015	May 2015	May 2015	
2022	054301_7061	Apr 2013	Apr 2013		
2022	054301_0661	Jun 2007	Aug 2002	Oct 2012	Z
2022	054302_0575	Jan 1994	Jan 1994		XY
2022	054301_0658	Nov 2007	Oct 2008	Jan 1999	Z
2022	037402_0470	Jul 2017	Aug 2017	Aug 2017	
2023	037401_0907	Dec 1996	Jan 2001		
2023	099101_0316		Apr 2021		
2023	099103_0625	Jan 2001	Jan 2001	Jan 2001	XYZ
2019	086802_0658			Dec 2017	
2019	072802_0509	Nov 2007	Dec 2010	Apr 2016	
2022	072802_0205	Jun 2002	Apr 2002	Apr 2002	Y
2024	063602_5229		Aug 2022		
2019	063603_5277		Jul 2019		
2024	063603_5279	Jun 1996			
2024	063603_5018		Aug 2011		
2024	063603_5248		Jan 2013		
2024	063603_0305			Jun 2007	Z
2024	063602_0617	Feb 2018			
2024	063602_0703	Jul 2011			
2024	063602_0265		Oct 1989		
2024	063602_0705	Jan 2014			
2024	063602_0794			Jun 2012	
2024	063602_5205			Jan 2002	
2024	023801_0412	Aug 2002		Jun 2007	
2024	023801_0470	Feb 2017			
2024	023801_0542			Jul 1994	Z
2024	023802_0528	Aug 2012		Aug 2012	Z
2019	043501_0265	Sep 2012	Mar 2012	Jun 2012	
2019	043501_0490	Jul 2014	Jan 2006	Jan 2015	
2023	004504_0602	Mar 2023	Mar 2023	Jan 2022	
2023	151802_0812	Feb 1998	Feb 1998	Jan 2002	
2019	115301_0302	Jun 2008	Jan 2004	Oct 2009	
2022	151102_6721	Mar 2012	Dec 2002	May 2016	

2024	104401_0079	Sep 1999	Jun 2003	Sep 1999	XYZ
2023	050903_0054	Apr 2006	Jul 2007	Jun 1998	
2023	127701_0527	Nov 2008			
2023	127701_0950		Sep 1998		
2022	033602_0526	Jul 2011	Feb 2012	Feb 2011	
2022	033601_0433	Jul 2012	Apr 2012	Mar 2004	
2022	033602_0566	Feb 2015	Feb 2015	Feb 2015	
2022	033601_0546	May 2011	Jun 2011	May 2011	
2019	102101_0358			May 2010	
2019	102101_0351	Sep 2014	Sep 2014	Oct 1998	
2020	102102_0434		Feb 2000	May 1998	YZ
2019	003102_0398		Mar 1992		
2019	003102_0397		Mar 2012		
2019	003102_0751	Mar 2017	Oct 2009	Sep 1998	
2021	091801_0571	Aug 2005	Jun 2000		XY
2021	091802_0863	Mar 2013	Mar 1994	Feb 2013	Y
2020	040302_0374	Feb 2011	Jan 2011	Feb 2011	
2019	040303_0990	Mar 2004	Nov 2000	Sep 2002	X
2020	125101_0187		May 1999		
2022	125102_0600	Mar 2003			
2020	125101_0189			Jul 2018	
2021	125101_0160	Oct 1998	Oct 1992	Jul 1992	Y
2023	125101_0331	Mar 1996		Aug 1994	XZ
2020	084101_0876	Jul 2018			
2022	093902_0796			Jun 2000	Z
2019	067303_0785		Sep 1996		
2019	067303_0369	Oct 2008	Sep 2008	Feb 2008	
2019	067303_0768	Aug 2002	Aug 2011		
2019	067301_0656	May 2007	May 2007	May 2007	
2019	067303_0702	Sep 1998	Mar 2001	Sep 1991	XYZ
2023	070201_0787	Feb 2015			
2023	070201_0411	Aug 2020	Dec 2019	Sep 2016	
2023	070201_0842	Jan 2008	Jun 2007	Oct 2007	XY
2023	070201_0424			Feb 2002	Z
2019	157202_0280	Jul 1996			
2022	051101_0102	Jun 2003	Oct 2009	Oct 2009	
2017	029202_0793	Jun 2008	Jul 2008		
2019	002702_0159	Jan 1994	Feb 1994	Jul 2007	
2023	002703_0069	Sep 1992		Jan 1994	XZ
2022	018301_0281	Jul 2019	May 1998	Sep 2009	Z
2022	018301_0277		Jul 2012	Mar 2012	
2022	018301_0548	Oct 1992		Apr 1994	XZ
2023	148301_0230		Aug 2016		
2024	114302_0349	Mar 2000	Mar 2000	Feb 2002	X
2024	114301_0107	Jan 2022	May 1999	Apr 1999	
2024	114301_0287			Oct 2001	
2024	114301_0847	Apr 2016			
2022	115501_5113	Aug 2008		Mar 2011	
2022	115502_5274	Apr 1999	Mar 2011	Jun 2003	XYZ
2021	042401_0025	Oct 1997	Oct 1997	Oct 1997	XYZ
2022	042402_0161		Mar 2006		
2022	042402_0185		Jan 1999		Y
2024	147502_0301	Mar 2018	Mar 2018	Apr 2023	
2024	147501_0581	Jul 1996	Aug 1994	Sep 2024	XYZ
2019	070902_0252	Nov 2016	Nov 2016	Nov 2016	

2019	070902_0241			Apr 1999	
2024	114202_0243	Jan 2006	Jan 2006		Y
2022	024202_0755	Mar 2018	Apr 2018	Apr 2018	
2022	024201_0153		Oct 2015		
2019	151401_0685	Mar 2006	Mar 2006	Mar 2006	
2019	067501_0272	Nov 2008	Nov 2008	Nov 2008	
2023	123301_0310	Mar 2003	Feb 2003	Mar 2010	
2023	123302_0992		Feb 2016	Nov 2015	
2023	123301_0604	Sep 2016	Feb 2016	Nov 2016	
2024	123302_0991	Aug 2001	Jul 2014	Aug 2001	X
2019	156402_0317	Jul 2007	Jul 2007	Jun 2007	
2023	049602_0882		Sep 2013		
2023	049601_0539		Jun 2016		
2023	049601_0697	Jul 1994			X
2023	049601_0420			Apr 2013	Z
2019	040901_0435	Apr 2013		Jan 2017	
2020	040902_0671	Mar 1999		Oct 1998	XZ
2020	040903_0915	Mar 1990	Feb 2002	Mar 2002	Z
2022	071001_0286		Jul 1997		Y
2022	071002_0328		Jul 2019		
2022	071002_0451	Aug 1999			
2022	071001_0514	Aug 2002			
2022	071001_0645		Nov 2008		
2022	071001_0542	Sep 1995			Z
2023	022504_0777	Mar 2021	Apr 2013	May 2013	XZ
2023	022501_0428	Apr 2016			
2024	022501_0616	Jun 2003			
2019	079201_0182	Jun 2001	Jun 2001	Jul 2001	
2019	079201_0597	Mar 2018	Mar 2018	Feb 2018	
2020	079202_0402	Sep 2002		Sep 2002	Z
2019	079202_0405	Dec 2003			
2019	079201_0205			Mar 2011	
2019	138303_0522	Aug 2016		Aug 2016	
2019	138302_0022				
2019	138303_0308			Aug 2016	
2019	007304_0061	Jun 2012		Jun 2012	
2019	007304_0747	May 2013	Apr 2007	Mar 2005	
2022	044202_0760			Mar 2004	Z
2019	082202_0629	Sep 1997	Mar 1999	Sep 1989	
2019	060903_0995		Mar 2008		
2019	060903_0361	Oct 2012	Jul 1984	Oct 2012	Y
2020	060901_0684			Oct 2015	
2020	060903_0879	Sep 2015	Apr 2012	Sep 2015	Y
2019	063801_0479	Mar 2017	Sep 2016	Mar 2017	
2024	023401_0539		Jul 2008	May 1999	Y
2024	023402_0627	Mar 2000	Apr 2007	Mar 2022	Z
2019	000801_0421	Apr 2016	Nov 2015		
2020	000801_0203			Jun 2008	
2021	041801_0935		Jun 2000	Jul 1993	Y
2019	115702_0783	Jun 2008	Oct 2008	Jul 2008	
2022	056902_0321		Sep 2011		
2019	061201_0004	Dec 1985	Jul 1994	Jun 1990	
2020	107502_0452		Oct 2010		
2019	057303_0379	Aug 2008	Feb 2000	Jul 2008	
2019	025202_5002			Mar 2011	

2019	040702_0557	Dec 2010		Feb 2011	
2020	040702_0967	Jul 2002		Jun 2003	XZ
2021	040702_0973	Mar 1999	Feb 1999	Nov 2007	
2023	028003_0997			Feb 2002	Z
2024	028003_0779	Jan 1999	Jan 1999	Jan 1999	YZ
2024	028001_0053	Aug 2012	May 1998	Mar 1998	XYZ
2024	028001_0690	Sep 2008	Aug 2017	Jul 2008	XZ
2021	037001_0121	Jul 2007			
2020	097301_0552	Feb 2000			
2020	097302_0576		Nov 2015		
2020	097302_0577			Dec 2015	
2020	097301_0562			Sep 2015	
2020	097302_0574			Apr 2016	
2021	063902_0262	Dec 2015		May 1997	XZ
2019	048702_0552	Jul 1996	Jul 2002	Nov 2001	
2019	129001_0377	Jun 2002	Jun 2002	Jun 2002	
2020	012401_0197			Mar 2004	
2021	122401_0394	May 2000		Mar 2004	
2019	109801_0818	Mar 2002	Aug 2011		
2019	017702_0887		Aug 2019	Aug 2019	
2019	122901_0835	Apr 2016			
2023	138101_0024		Jun 2018		
2020	057602_0560	Sep 2015			
2020	057601_0130		Apr 2007		
2021	057601_0135		Dec 1995		Y
2021	057602_0501		Feb 2000		Y
2021	154601_0052			Apr 2000	
2020	127002_9210		Aug 2010		
2019	160402_0029	Jan 2002	Mar 2007	Mar 2007	
2019	037301_0614	Jul 2014	Jul 2014	Jul 2014	
2020	037302_0822	Dec 2001	Dec 2001		XY
2021	079302_0322	May 2019			
2022	051402_0550	Jan 2006			
2022	051402_0590			Aug 1996	Z
2022	051402_0511		Nov 2017		
2022	051402_0576			Nov 1998	Z
2019	075901_0690	Jul 2015	Jul 2015	Jul 2015	
2019	162002_0543	Aug 2015	May 2016	Jul 2015	
2019	093802_0631	Feb 2011	Feb 2002	Feb 2011	
2019	093802_0925		Sep 2002		
2023	018202_0017	Mar 1998			
2020	158701_0217	Oct 2019		Oct 2019	XZ
2024	061402_0816	Jan 2017			
2019	158201_0557			Mar 2016	
2019	158201_0426			Mar 2016	
2019	158202_0658	Jul 2015	Jun 2015	Jul 2015	
2019	158201_0441		Mar 2016	Mar 2016	
2019	025501_0499	May 2018			
2020	156301_0169		May 2015		
2020	156301_0874	Apr 2016			
2019	155801_0396	Oct 2014	May 2016	May 2016	
2022	077202_0945		Mar 2013		
2020	061502_0452	Jul 2011	Jul 2011	Jul 2011	Z
2021	043601_0177	Jan 1994		Jul 2008	XZ
2024	013801_0946		March 1994	July 1993	

2019	161302_0642	Aug 2015	May 2013	May 2013	
2019	161301_0584	Dec 2015	Jul 2015	Oct 2014	
2019	126302_0565	Nov 2015			
2019	119102_0101	Oct 2016	Oct 2016	Mar 2017	
2019	119102_0023		Feb 2011	Dec 2010	
2024	034701_0733	Feb 2011	Oct 2010	Mar 1994	Z
2020	084201_0815	May 2016	Jun 2015	May 2016	
2020	029501_0458	Sep 2016			Z
2022	162601_0501	May 2015			
2022	162601_0502	Nov 2016			
2022	162601_0283	Jan 2004			X
2024	032301_0978		Nov 2007		
2024	032302_0738		Nov 2015		
2024	032301_0983			May 1998	
2024	032302_0928			Feb 2011	Z
2021	126702_0308			Jul 2017	
2021	126702_0362			Mar 2003	Z
2022	064202_0515			Sep 2016	
2022	064201_0251			Nov 2017	
2022	064201_0661			Dec 2014	
2021	058901_0415	Apr 2007	Dec 1995	Apr 2007	
2021	058902_0657	Jun 1994			
2019	157801_0479		June 2018		
2022	152801_0405	May 2004			X
2019	120202_0262		Jul 1998	Jun 1998	
2019	060102_0936		Jul 2019		
2019	053701_0493	Oct 2010		Feb 2005	
2023	035702_0657			May 2018	
2021	029602_0045	Jan 2002	Aug 2011	Jan 2002	
2020	057801_0387	Aug 2011	Apr 1996	Aug 2011	Y
2020	030902_0266		Jul 1975		Y
2020	030902_0268	Aug 2018	Aug 2018	Apr 2019	Z
2022	030902_0314			Aug 2010	
2020	139501_0207		Mar 2005	Jan 1994	Y
2024	030401_0696	Nov 2012			
2024	030401_0633			Jun 2001	
2024	030402_0551	Jul 2015	Jul 2015	Jul 2015	
2024	030402_0669	Jun 2015	Mar 2014	Jul 2015	
2020	149802_0990	Nov 2000	Mar 2006	Apr 1997	
2019	041602_0418		Jun 2007		
2021	041601_0315			May 2008	Z
2021	041602_0225			Jan 2006	Z
2019	123701_0113	Aug 2006	Jun 2000	Jun 2000	
2019	122101_0442		Mar 2016		
2019	122101_0444	Feb 2016	Nov 2015		
2019	122101_0454	Oct 2010			
2019	122102_0222	Mar 2018	Dec 2017		
2019	122102_0260		Nov 2018		
2022	112103_0557	Oct 2016	Aug 2016	Oct 2016	
2022	112102_0877		Feb 2002		
2021	081804_0566	Nov 1999	Nov 1999	Nov 1999	X
2022	078902_0417	May 2018	May 2018	Aug 2017	
2022	078902_0451	Oct 2010	Apr 1996	Jun 1997	Y
2022	078902_0591	Mar 2000	Mar 2011	Mar 2011	X
2019	030002_0074	Nov 2008	Jun 1999	Aug 2013	

2020	160101_0481		Mar 2012		Y
2020	151002_0782		Nov 2016	Nov 2016	
2020	058301_0138	Feb 2019			X
2024	041401_0204	Mar 2011			
2020	042002_0571	May 2004		Sep 1999	Z
2023	062301_0169	Apr 2012	Jul 2000	May 1980	
2023	002401_0525	Nov 2010	Jan 2021	Mar 2021	
2022	076202_0777	Apr 1999	Mar 1994		
2022	110402_0416	May 2001	Jan 2002	Aug 2002	X
2022	110402_0421	Jan 2006		Jan 2006	XZ
2022	110402_0235	Jun 1998	Jun 1998	Jun 1998	Z
2022	110401_0410	May 2001	Jan 2002	Aug 2002	
2022	136002_0993	Oct 2016	Jun 1993		Y
2019	123102_0703	Aug 2006	Dec 2001	Apr 1997	
2022	123102_0957	Dec 1995	Sep 1996	Aug 1996	Y
2020	131202_0528	Jul 2002	Oct 2001	Oct 2001	XYZ
2020	024902_0775	May 2000		Jul 2015	X
2022	021102_0644	Dec 2014		Jun 2013	
2022	085803_0542			Aug 2016	
2023	029002_0761	Nov 2012	Apr 2013	Apr 1999	
2023	029002_0814	Apr 2013	Oct 2012	Aug 2012	
2022	034901_0001	Jan 1998	May 1996	Mar 2013	
2022	023001_0613	Jul 2011	Aug 2011	Jul 2011	Y
2023	004601_0936	Jan 2021	Jan 2021	Jan 2021	
2024	003502_0139	Feb 2001	Jul 2016	Jun 2010	
2019	127902_0565	Jan 1999	Jan 2014	May 2016	
2022	037501_0249	Nov 2019	Nov 2019	Oct 2019	
2022	011201_0801	Apr 1999	Apr 1999	Mar 1999	XZ
2023	135601_0213	Apr 2002	Apr 2002	Apr 2002	XY
2021	022303_0437	Aug 2019	Aug 2019	Aug 2019	
2021	022303_0866	Oct 2012	Nov 2012	Nov 2012	
2020	088202_0654			Feb 1999	Z
2023	023702_0467		Aug 1989		Y
2022	028301_0244	Aug 2002	May 1997		
2019	100502_0936	Jun 2002	Jun 2002	Apr 2002	
2019	018001_0177	Aug 2012			
2019	018002_0406		May 2008		
2019	090702_0313	Oct 1996	Mar 1994	Oct 1996	
2023	103102_0135			Feb 2012	
2019	062902_0351	Oct 2008	Oct 2008	Sep 2008	
2020	062902_0671			Dec 2001	Z
2023	122502_0120	Jul 2007	Jul 2007	Jul 2007	
2019	049102_0532			Sep 2013	
2023	049102_0465		Mar 1990		Y
2024	148602_0209			Jun 2003	Z
2022	034001_0778	Oct 1998	Apr 2021	Oct 1998	Z
2023	073202_0560		Jan 1999	Dec 1996	YZ
2021	090003_0456	Jun 2018	Jun 2018	Jun 2018	
2019	051501_0377	Aug 2009	Aug 2009	Aug 2009	
2021	097201_0749	Apr 2007	May 2002	Jun 1993	
2023	097202_0690	Aug 2009	Aug 2009	Aug 2009	
2023	043701_0426	Jan 2002			X
2023	043701_0581			Mar 2014	
2023	072901_0743	Oct 2001			X
2022	018902_0594		Jul 2015		

2021	041002_0796	Mar 1996		Jul 1994	XZ
2019	078301_0177	Sep 1998	Sep 1998	Sep 1998	
2023	073602_0129	Aug 2020	Aug 2020	Aug 2020	
2023	073604_0412	Jun 2017	Aug 2018	Mar 1999	Z
2023	009901_0115			Mar 2013	Z
2021	035801_0530	Sep 2014	Jul 2015	Apr 2015	
2022	025403_0622	Jul 2011		May 2011	
2019	112801_0680	Nov 2007	Jan 2008	Sep 2007	
2024	141802_0158	Feb 2021			
2020	029103_0703	Nov 2002	Sep 2002	Nov 2002	
2022	029101_0756	Feb 2021			
2022	014401_0445		Jul 1994		Y
2022	014401_9238	Jan 2016	Jan 2016	Jun 2013	
2019	025903_0525	Mar 2005	Feb 2005	Sep 2012	
2020	025902_0090	Feb 2002	Jul 2002		Y
2021	025902_0691	Mar 2012	Aug 2022	Mar 2012	
2019	063202_0940	Nov 2010			
2024	100802_0687	Jun 2012		Jul 2012	
2024	033804_0265		Jun 2019	Mar 1994	
2024	033801_0523	May 1999	Mar 2022	Jan 2022	
2023	033801_0326	Oct 2010	May 1994		XY
2020	011001_0417	Jun 2010	Jun 1996	Oct 1997	
2020	011003_0314	Feb 2002	Jul 1996	Jul 1996	
2020	011004_0325	Aug 2015	May 1993	May 1997	Y
2021	011001_0069	Mar 1994	May 2018	Apr 1994	XZ
2019	037902_0049			Jun 1993	
2019	037902_0571		Feb 2013		
2022	037901_0046	Mar 2017	Feb 2017	Mar 2017	
2022	084001_0925	Sep 2014	Sep 2014	Sep 2014	
2022	039601_5073		Oct 2019		
2021	112504_0276	Mar 1995	Mar 1995	Mar 1995	XYZ
2024	067201_0163	Jun 1986	Oct 1991	Jun 1993	
2023	036402_0997	Aug 2018	Oct 2019	Oct 2019	
2023	011302_0240	Dec 2001	Dec 2001	Dec 2001	
2023	076702_0780		Jul 2011		
2023	076702_0771	May 2014	May 2014	May 2014	
2024	076702_0762	Mar 2018	Mar 2018	Mar 2018	
2023	076602_0539	Jan 2001	Jun 2003	Apr 2006	
2023	076606_0513	May 2008	May 2001	Feb 2008	Z
2024	029404_0458	Jul 1992	Apr 2000	Jul 1993	Z
2024	112202_0080	May 2024	Mar 2021	May 2021	
2022	042501_0889	May 2008	Oct 2008	Nov 2008	
2022	054301_0700	Nov 2010			
2022	054301_5679			Feb 2011	
2022	054302_0569	Aug 2012	Aug 2012	Aug 2012	
2020	135902_0773		Jun 2003		Y
2024	099102_0420	Feb 2000		Jun 2000	XZ
2024	063602_0314	Jun 2016	Jun 2016	May 2016	X
2024	063603_5049	Aug 2011			
2024	023801_0457	Aug 1991		Jul 2007	X
2023	127701_0093		May 1994		
2023	127701_0526			Nov 2008	
2019	125101_0198	Nov 2015		Jul 2018	
2019	002701_0114	Jun 1991		Jun 1991	
2023	002701_0139	Jan 1996		Jun 1996	

2022	018302_0534	Dec 2014	Nov 2020	Dec 2014	
2022	042401_0146	Jul 2022		Nov 1999	
2020	064704_0278	Sep 2002	Mar 1998	Sep 2002	YZ
2022	024202_0433		Jun 2019		
2022	024202_0759		Jan 1999		
2023	123301_0136	Sep 2009	Jul 2007	Mar 2010	
2024	049602_0668	Aug 2002	Jan 2017	Aug 2002	
2023	022504_0976		Apr 2021		
2024	067701_0392			Feb 2000	Z
2019	145102_0227	Mar 1990	Jul 2015	Aug 1989	
2021	041801_0988			Oct 2010	
2020	008803_0220	Dec 2019	Dec 2019	Dec 2019	Z
2023	018202_0101	Apr 2000			
2024	061401_0870	Jun 2008		Nov 2008	
2024	061401_0750	Mar 2013			
2023	038102_0940			Aug 2022	Z
2022	162601_0522	Mar 2015			
2022	162601_0355	Nov 2012			
2019	148202_0563	Dec 2015	Dec 2015	Dec 2015	
2024	035702_0145	Jan 2017	Sep 2014		
2024	030401_0644	Jan 2008	Sep 2021	Jan 2008	
2020	127301_0233			Dec 2014	
2022	150902_0053			Oct 2019	

Question:

Request 59:
Please refer to the Rebuttal Testimony of Company Witness Megan Hayward at page 27 and provide a corrected version of discovery response 21870-AB-CE-0700, which includes historical outage data at all voltage levels (not LVD-specific).

Response:

The data that was provided in discovery response 21870-AB-CE-0700 included all unplanned distribution outages during 2022 through 2024. However, in column c, representing voltage level, the indicated voltage was not necessarily the voltage level at which the actual fault occurred. Instead, the indicated voltage level represented the voltage level of the protective device on the distribution system that was the source protective device for the distribution customers in the outage.

Attachment 1 to this discovery response provides an update to discovery response 21870-AB-CE-0700 with a new column added titled "HVD Outage?" For all unplanned distribution outages that were actually caused by a fault on an HVD line or in a substation, the "HVD Outage?" column is labeled with a "1".

Witness: Megan L. Hayward
Date: October 30, 2025

Question:

Request 60:
Please refer to the Rebuttal Testimony of Company Witness Megan Hayward at page 29 and provide the following information for all "half-finished projects":

a. Project Name;
b. Project Type/Category;
c. Project Description;
d. Bridge Period Expenditures;
e. Test Period Expenditures; and
f. In-Service Date.

Response:

The phrase "half-finished projects" on page 29 of my rebuttal testimony does not refer to any current actual situation. It refers to a future situation that would occur if Mr. Fitzhenry's disallowances were adopted, because it would cut off funding in the middle of various multi-year projects. Any multi-year project could be put at risk of being left unfinished if the Commission disallows bridge period spending that was approved in a prior case, or if it causes approved spending levels to oscillate from year to year by approving one spending level in one year and then approving a much different spending level in the next.

In the HVD Lines Reliability sub-program, bridge period multi-year projects are identified in Exhibit A-109 (MLH-3), page 1, with a benefit type of "Benefit not realized until completion in 2026." Test year multi-year projects are identified in Exhibit A-110 (MLH-4), page 1, with a benefit type of "Benefit not realized until completion in 2027."

For the HVD Substations Reliability sub-program, there are no major identified multi-year projects. However, as stated on page 28, lines 20 through 23, of my rebuttal testimony, the Commission already approved an increase above 2024 actual levels in Case No. U-21585, and disallowing spending in the bridge period in the instant case would effectively be disallowing spending that was already previously approved by the Commission and which the Company has already been executing upon. If the Commission did order a significant disallowance, it could likely result in some projects being left unfinished, delaying the benefits to the customers, for lack of funding, although the Company cannot say today which projects would be most impacted.

Witness: Megan L. Hayward
Date: November 3, 2025

Question:

Request 61:

Please refer to the Rebuttal Testimony of Company Witness Jennifer Partlan at page 29, where Ms. Partlan states that "the Company is not proposing to use age as the deciding factor in replacing LVD Poles." Confirm or deny that LVD pole age is the primary factor in estimating the forecasted rejection rate. If denied, please explain.

Response:

The statement on page 29, lines 16 and 17, of my rebuttal testimony that "the Company is not proposing to use age as the deciding factor in replacing LVD poles" means that the Company will not replace a pole based on its age, but will only replace poles that fail inspection. In other words, the Company will not replace a 60-year old pole if an inspection shows it to still be in good health.

That said, age is a factor in estimating the pole rejection rate, but not the sole factor. The EPRI study provided in Exhibit A-227 (JMP-7) classified poles based on wood species, treatment, as well as age. When compared to Consumers Energy poles (wood species, treatment, and age), the forecasted rejection rate was estimated to be 10%.

Witness: Jennifer M Partlan
Date: October 31, 2025

Question:

Request 62:

Please provide detailed breakdowns (labor, materials, contingency, subcontractor costs) for each of the LTSA Extra Work scopes at each of the following generation resources, including the specific tasks performed or anticipated for each major outage:

a. Covert Units 1, 2, and 3;

b. Zeeland; and

c. Jackson.

Response:

Objection of Counsel: Consumers Energy Company objects to part a. of this discovery request on the grounds that the information requested would be unduly burdensome to produce and is not proportional to the needs of the case. Consumers Energy does not possess all of the requested information, which would have to be obtained from third-parties. Subject to the Company's objection, and without waiving its objection, Consumers Energy responds as follows:

a. Attachment U21870-AB-CE-0928_ATT_0001 has the bridge year capital breakdown information that the Company has readily available. Attachment U21870-AB-CE-0928_ATT_0002 has capital breakdown information for the test year. These include all pre-defined work and emergent work as described in questions 929, 931, and 932.
b. See subpart a.
c. See subpart a.

Witness: RICHARD T. BLUMENSTOCK
Date: October 30, 2025

CAP: Current Actualized Working Forecast - Supply 9+3 Scenario 10-29-25	a-Jan - 2025	a-Feb - 2025	a-Mar - 2025	a-Apr - 2025	a-May - 2025	a-Jun - 2025	a-Jul - 2025	a-Aug - 2025	a-Sep - 2025	Oct - 2025	Nov - 2025	Dec - 2025	2025
Chief Operating Officer													
Electric Supply Non-Renewables													
CAP - Gas & Gas/Oil													
CAP - Covert Site Commons													
PP-00524: COVERT LONG TERM SERVICE AGREEMENT													
BENEFITS.BPA: Benefits	$8,647	$7,043	$15,008	$12,711	$8,690	$6,181	$22,498	$13,405	$13,751	$4,862	$5,608	$6,478	$124,882
LBR_EXEMPT.BPA: Labor Exempt	$5,381	$3,394	$3,569	$1,081	$1,502	$0			$189				$15,115
LBR_LABSER.BPA: Lab Services Chargeback Labor					$5,469								$5,469
LBR_OMC.BPA: Labor Union		$4,910	$16,258	$10,005	$7,795				$425				$39,394
LBR_OTH.BPA: Labor Other Allocated	$35,661	$25,193	$49,868	$50,542	$30,079	$27,923	$114,343	$74,706	$74,474	$21,139	$24,386	$27,963	$556,275
LBR_SCCHGB.BPA: Supply Chain Chargeback Labo		$2,603	$9,874	$10	$391	($272)		$167	$226				$12,999
MTL_NONSTK.BPA: Material Non-Stock		$23,532	$629,475	$887	($557,314)	($23,257)	($0)	$3,881	$11,393				$88,597
MTL_STOCK.BPA: Material Stock			$214,468		$590,756			$10,350	$7,911				$823,485
NLBR_ID.BPA: Injuries & Damages Non-Labor	$6	$5	$11	$9	$6	$4	$63	$38	$39	$14	$16	$18	$229
NLBR_LBSER.BPA: Non Labor Lab Services					$2,026								$2,026
NLBR_TRAV.BPA: Travel, Mileage & Meals Non-La	$418	$934	$521		$338	$338			$426				$2,975
OTHER_NL.BPA: Other Nonlabor	$23,756	$16,679	$34,266	$26,776	$15,845	$14,861	$6,952	$4,269	$4,319	$1,431	$1,651	$1,907	$152,712
OUT_OTHER.BPA: Outside Services Other	$3,668	$22,963	$54,712	$73,737	$2,270	$4,314	$42,604	$18,511	$23,875	$12,847	$14,821	$17,000	$291,322
OUT_PROFES.BPA: Outside Services Professional	$719,212	$118,607	$250,889	$1,704,932	$1,265,118	$328,856	$2,193,761	($229,956)	$166,275	($3,462)	($7,943)	$37,137	$6,543,426
PAY_CAP.BPA: General Tax	$3,104	$2,528	$5,387	$4,563	$3,119	$2,219	$8,823	$5,257	$5,393	$1,907	$2,199	$2,568	$47,066
Subtotal PP-00524: COVERT LONG TERM SERVICE	799,853	228,391	1,284,307	1,885,253	1,376,089	361,167	2,389,044	(99,376)	308,694	38,736	40,738	93,072	8,705,970
CAP - Jackson Site Commons													
PP-00570: JGS GE LTSA Historical Extra Work													
BENEFITS.BPA: Benefits			$4,285			$34,843	($192)	$7,994	$4,997		$1,960		$53,887
LBR_EXEMPT.BPA: Labor Exempt									$1,724				$1,724
LBR_OMC.BPA: Labor Union			($23,684)						$11,962				($11,722)
LBR_OTH.BPA: Labor Other Allocated			$21,364			$190,202	($1,156)	$47,866	$17,493		$11,783		$287,552
LBR_SCCHGB.BPA: Supply Chain Chargeback Labo			$26,486					$228	$1,569				$28,283
MTL_STOCK.BPA: Material Stock			$239,475					$19,502	$134,125				$393,102
NLBR_ID.BPA: Injuries & Damages Non-Labor			$3			$25	($1)	$22	$14		$5		$70
OTHER_NL.BPA: Other Nonlabor			$8,528			$17,859	($63)	$2,609	$989		$642		$30,563
OUT_OTHER.BPA: Outside Services Other			($580)			$53,045	($182)	$7,534	$2,667		$1,855		$64,339
OUT_PROFES.BPA: Outside Services Professional		$6,890				$2,165,094	($10,402)	$410,795	$3,042		$106,000		$2,681,418
PAY_CAP.BPA: General Tax			$1,538			$12,507	($75)	$3,135	$1,960		$769		$19,833
Subtotal PP-00570: JGS GE LTSA Historical Extra W		6,890	277,415			2,473,574	(12,072)	499,686	180,541		123,015		3,549,049
CAP - Zeeland Site Commons													
PP-00426: ZGS - LTSA Extras not incl in contract													
BENEFITS.BPA: Benefits				$32,391	($2,231)	($36)	$304		($6,452)	$1,849			$25,825
LBR_OTH.BPA: Labor Other Allocated				$175,441	($12,178)	($198)	$1,827		($38,786)	$11,116			$137,223
LBR_SCCHGB.BPA: Supply Chain Chargeback Labo				$1,903									$1,903
MTL_NONSTK.BPA: Material Non-Stock				$162,620									$162,620
NLBR_ID.BPA: Injuries & Damages Non-Labor				$23	($2)	($0)	$1		($18)	$5			$10
OTHER_NL.BPA: Other Nonlabor				$16,477	($1,143)	($19)	$100		($2,113)	$606			$13,907
OUT_OTHER.BPA: Outside Services Other				$48,913	($3,396)	($55)	$288		($6,106)	$1,750			$41,393
OUT_PROFES.BPA: Outside Services Professional				$1,831,927	($138,628)	($2,249)	$16,437	$0	($348,911)	$100,000			$1,458,576
PAY_CAP.BPA: General Tax				$11,627	($801)	($13)	$119		($2,530)	$725			$9,127
Subtotal PP-00426: ZGS - LTSA Extras not incl in co				2,281,323	(158,379)	(2,570)	19,075	0	(404,917)	116,052			1,850,584

CAP: 5 Year Plan - Level 3 (By Month)	May - 2026	Jun - 2026	Jul - 2026	Aug - 2026	Sep - 2026	Oct - 2026	Nov - 2026	Dec - 2026	Jan - 2027	Feb - 2027	Mar - 2027	Apr - 2027
	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
Chief Operating Officer												
Electric Supply Non-Renewables												
CAP - Gas & Gas/Oil												
Capital												
Covert												
B-PP-00109: (12818) Covert - Unit 1 - LTSA Capital - Extra work items												
BENEFITS.BPA: Benefits				$26,376	$26,376	$26,376	$26,376		$5,968	$5,968	$5,968	$5,968
LBR_OTH.BPA: Labor Other Allocated				$141,997	$141,997	$141,997	$141,997		$32,129	$32,129	$32,129	$32,129
NLBR_ID.BPA: Injuries & Damages Non-La				$56	$56	$56	$56		$13	$13	$13	$13
OTHER_NL.BPA: Other Nonlabor				$52,644	$52,644	$52,644	$52,644		$11,911	$11,911	$11,911	$11,911
OUT_PROFES.BPA: Outside Services Profe				$1,608,681	$1,608,681	$1,608,681	$1,608,681		$363,986	$363,986	$363,986	$363,986
PAY_CAP.BPA: General Tax				$9,912	$9,912	$9,912	$9,912		$2,243	$2,243	$2,243	$2,243
Subtotal B-PP-00109: (12818) Covert - Uni				1,839,668	1,839,668	1,839,668	1,839,668		416,250	416,250	416,250	416,250
B-PP-00111: (13571) Covert - Unit 3 - LTSA Capital - Extra work items												
BENEFITS.BPA: Benefits	$32,843	$32,843							$215	$215	$215	$215
LBR_OTH.BPA: Labor Other Allocated	$176,809	$176,809							$1,158	$1,158	$1,158	$1,158
NLBR_ID.BPA: Injuries & Damages Non-La	$70	$70							$0	$0	$0	$0
OTHER_NL.BPA: Other Nonlabor	$65,551	$65,551							$429	$429	$429	$429
OUT_OTHER.BPA: Outside Services Other												
OUT_PROFES.BPA: Outside Services Profe	$2,003,066	$2,003,066							$13,117	$13,117	$13,117	$13,117
PAY_CAP.BPA: General Tax	$12,342	$12,342							$81	$81	$81	$81
Subtotal B-PP-00111: (13571) Covert - Uni	2,290,682	2,290,682							15,000	15,000	15,000	15,000
PP-00545: Covert -LTSA Capital - Extra Work U2												
BENEFITS.BPA: Benefits	$1,290								$215	$215	$215	$215
LBR_OTH.BPA: Labor Other Allocated	$6,947								$1,158	$1,158	$1,158	$1,158
NLBR_ID.BPA: Injuries & Damages Non-La	$3								$0	$0	$0	$0
OTHER_NL.BPA: Other Nonlabor	$2,575								$429	$429	$429	$429
OUT_OTHER.BPA: Outside Services Other												
OUT_PROFES.BPA: Outside Services Profe	$78,700								$13,117	$13,117	$13,117	$13,117
PAY_CAP.BPA: General Tax	$485								$81	$81	$81	$81
Subtotal PP-00545: Covert -LTSA Capital -	90,000								15,000	15,000	15,000	15,000
Jackson												
PP-00570: JGS GE LTSA Historical Extra Work												
BENEFITS.BPA: Benefits	$17,283					$17,283	$17,283		$376	$376	$376	$376
LBR_OTH.BPA: Labor Other Allocated	$93,041					$93,041	$93,041		$2,026	$2,026	$2,026	$2,026
NLBR_ID.BPA: Injuries & Damages Non-La	$37					$37	$37		$1	$1	$1	$1
OTHER_NL.BPA: Other Nonlabor	$34,494					$34,494	$34,494		$751	$751	$751	$751
OUT_OTHER.BPA: Outside Services Other												
OUT_PROFES.BPA: Outside Services Profe	$1,054,052					$1,054,052	$1,054,052		$22,954	$22,954	$22,954	$22,954
PAY_CAP.BPA: General Tax	$6,495					$6,495	$6,495		$141	$141	$141	$141
Subtotal PP-00570: JGS GE LTSA Historical	1,205,401					1,205,401	1,205,401		26,250	26,250	26,250	26,250
Zeeland												
PP-00426: ZGS - LTSA Extras not incl in contract												
BENEFITS.BPA: Benefits									$516	$516	$516	$516
LBR_OTH.BPA: Labor Other Allocated									$2,779	$2,779	$2,779	$2,779
NLBR_ID.BPA: Injuries & Damages Non-La									$1	$1	$1	$1
OTHER_NL.BPA: Other Nonlabor									$1,030	$1,030	$1,030	$1,030
OUT_OTHER.BPA: Outside Services Other												
OUT_PROFES.BPA: Outside Services Profe									$31,480	$31,480	$31,480	$31,480
PAY_CAP.BPA: General Tax									$194	$194	$194	$194
Subtotal PP-00426: ZGS - LTSA Extras not i									36,000	36,000	36,000	36,000

Question:

Request 63:

Please refer to witness Blumenstock's Rebuttal Testimony at page 4, lines 15-23 through page 5, line 17:
a. Please provide all supporting outage reports, work orders, and final invoicing from the Covert Unit 2 outage that itemize LTSA extra work.

b. Please clarify which line items of the itemized LTSA extra work identified in part a. are considered to be pre-defined versus emergent.

Response:

a. The Covert Unit 2 outage is detailed in the following documents: U21870-AB-CE-0929_ATT_0001_CONF and U21870-AB-CE-0929_ATT_0002_CONF, which provide comprehensive descriptions of the work completed during the outage. U21870-AB-CE-0929_ATT_0003_CONF contains a full listing of all line items associated with LTSA extra work. Please note that this listing does not include overhead loadings.
b. U21870-AB-CE-0929_ATT_0004_CONF identifies the Extra Work Authorization (EWA) line items that were addressed during the outage. These items represent the subset of LTSA extra work considered emergent. All other line items not included in this document are considered pre-defined.

Witness: RICHARD T. BLUMENSTOCK
Date: October 30, 2025

Question:

Request 65:

For the Zeeland LTSA Extra Work:

a. Please provide operational or condition-based evidence for the specific extra work anticipated in the bridge and test years (e.g., inspection logs, OEM advisories, or component failure histories).

b. Please indicate which work is repetitive (from prior cycles) as opposed to newly anticipated.

Response:

a. See U21870-AB-CE-0931_ATT_0001_CONF for detail breakdown of the capital costs of the extra work completed in the bridge year. The large payments in January for PP-00039/PP-00040 are the milestone payments for the unit upgrades that were completed in the spring. The charges in June are the costs that support the Major Overhaul. Charges to PP-00426 are mainly for mid compressor case replacement. U21870-AB-CE-0931_ATT_0002 is an advisory from GE recommending the replacement of the mid compressor case. For the test year, the costs are directly attributed to preparation work for the major outage that is planned for 2028 on the combined cycle unit.
b. The replacement of the mid compressor case would be considered emergent (not repetitive), the remaining is repetitive for major or minor outages accordingly.

Witness: RICHARD T. BLUMENSTOCK
Date: October 30, 2025

CLOSED: ER-20250322-0346

Title: 7FA enhanced compressor package 4 stage S5 stator vane installation

Case Link: ER-20250322-0346

Equipment ID: SY0071513

Equipment Name: ZEELAND GENERATING STATION-GT-1B-GT

Serial Number: 297503

Technology: Gas Turbine

Equipment Code: 7FA.03

Type: PAC

Category: Assembly/Maintenance Advice

Country: UNITED STATES

Region: NAM North America

Subregion: North America North

Pole: Americas

Description:

During the installation of S5 enhanced compressor package four stator vanes the bucket techs noticed an unusual protrusion of the last vane segment during installation. All vanes to the load dam pin have been machined to the maximum of 20 mils. Even after machining the vanes, the base protrudes 230 mils from the horizontal joint and the retaining land is 200 mils high to the key slot. During disassembly of the unit, the bucket techs noted that the keys had been machined to compensate for the abnormal positive 'drops of the vanes. See attached pictures.

Desired Deliverable:

Please advise on how to correct the drop on S5 stator vane at the RS horizontal joint.
Please advise on how to install the retaining key.

Attachments:

S5 stator vane RS(1).jpg
S5 stator vane RS(2).jpg
S5 stator vane RS(3).jpg
S5 stator vane RS(4).jpg

Close notes:

Short answer – it is recommended to replace the mid-compressor casing (MCC).

Long answer – site inspection findings show that MCC axis is misaligned (vertically). This results in the UH casing flow-path having a smaller sector length (along circumferential direction) than the LH casing.

1. All stator rows on the upper-half MCC at the left-hand-side have vanes sitting proud of the horizontal joint.
2. Vanes on the lower-half MCC right-hand-side are flush/ within drop limits.
3. Stator vanes on the lower-half are not recorded, but are more recessed to accommodate the protruding vanes from the upper-half.
4. Retention keys are stepped to accommodate the vanes protruding beyond the horizontal joint.
5. MCC is placed up to .136 high compared to inlet casing and up to .141" high compared to CDC; typically, you'd expect casings to drop due to gravity, not raise - ER-20250320-1508.
6. Flow-path (circumferential) measurements on the lower-half casing were about 1" more than the equivalent measurement on the upper-half casing.
7. Casings were not re-aligned since installation.

Unit records does not contain any details of the suspected casing axis misalignment nor the modification on the keys.

Based on the above findings, it is posited the axis is mislocated (shifted towards the lower-half) on the MCC. It is possible that the steps noted between the MCC and inlet, and MCC

and CDC are due to aligning the flow-path. If aligning the flow-path, the steps at the horizontal-joint/ 4-way joints will exist. And these gaps could aggravate leaks, and atypical thermals, which could aggravate further casing slip/ compressor rubs.

To eliminate any uncertainties with respect to casing axis misalignment, casing joint leaks – consider replacing the MCC. It is understood that the site team has line of sight to a spare MCC that can be installed. This is the preferred option.

Assigned to: Wilson, Ashwin (105050959)

Email: Ashwin.Wilson@ge.com

Question:

Request 71:

Referring to Ms. Hayward's Exhibit No. A-218 (MLH-6), page 2, for each project listed there, please provide the following:

a. Actual cost incurred to date for each month of the bridge period.
b. .A detailed description of the status of the project, including whether it has received necessary internal budget approvals.
c. Documentation supporting the bridge period and test year expenditure amounts presented on the exhibit.

Response:

a. See Attachment 1 to this response for actual right of way monthly costs incurred year to date in the Bridge Period.
b. See Attachment 1 to this response for current status of each of the projects. For each project listed, internal budget approvals have been received.
c. Documentation for project specific Right of Way acquisitions estimates and the history of those costs are not available. Rather, the Company projects an initial cost per mile based on recent comparables, as referenced in my direct testimony on page 48, line 6-8, until further analysis can be completed by the real estate team for each project. As the project nears execution, the line route is evaluated based on additional comparable land values and average cost per acre. The estimate is further refined as easements are negotiated and signed with landowners. Attachment 1 provided has projects in various stages, including those with defined costs engaging in the legal acquisition process of securing land rights.

   For instance, the current estimate of one specific projects, Goodale, is listed below to illustrate the progression as a project is evaluated, negotiated, and proceeds through the legal acquisition process with the variability that is apparent with Right of Way acquisitions.

Project Name	LNDC WO #	HCNC WO #	TOTAL COSTS		REAL ESTATE STATUS:
LN080B GOODALE RBLD 2.86MILES% ...	(Blank)	(Blank)	Estimated	Spent	
			$1,450,000.00	$0.00	

Real Estate Project Manager	Acquisition Review	Total Acquired	Total Needed	% Secured	Project Due Date
	# of Easements	0	94	(Blank)	4/15/2026
	Brief Scope:				Acquisition Start Date: 1/16/2021
HVD Planner/EPM	REBUILD APPROXIMATELY 2.86 MILES OF 46KV GOODALE 080B LINE FROM THE LAFAYETTE SUBSTATION TO THE GOODALE SUBSTATION ON THE EXISTING CENTERLINE.				Projected Date: 4/15/2022
					Deadline Date: 11/1/2026

Witness: Megan L. Hayward
Date: November 3, 2025

Project Phase	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Bridge Year Expe
Design										$250,000
Construction										$27,000
Scoping										$100,000
Design	$154,865.23	$154,321.34	$33,791.26	$16,294.93	$25,374.99	$13,610.13	$24,329.34	$9,042.71	$2,331.56	$1,200,000
Pre-Construction				$7,212.38	$1,522.38	$964.30	$744.38			$617,000
Pre-Construction				$16,998.93	$2,320.58	$7,904.85	$21,666.15	$24,825.68	$15,979.79	$617,000
Design										$400,000
Scoping										
Design		$527.13	$11,303.92	$690.16	$7,388.98	$9,972.88	$527.13	$3,171.86	$5,185.36	$101,000
Design										
Pre-Construction	$292.52	$1,415.73	$31,750.03	$5,205.23	$1,654.42	$2,545.15	$159,434.75	$6,985.99	$322.67	$225,000
Scoping										$1,259,000
Pre-Construction	$117.14	$527.13	$1,012.79	$1,401.76	$848.31	$660.50	$35.00			$15,000
Design										$347,000
Pre-Construction					$1,167.98	$5,866.58	$20,182.71	$15,853.80	$7,293.31	$1,500,000
Construction	$41,354.17	$39,880.12	$17,409.12	$926.20	$972.43	-$176.99	$541.27	$14,815.71	$9,016.17	$155,000
Scoping										
Scoping										$250,000
Design										$25,000
Construction			$20,000.00	$38.82	$30.00					$25,000
Design						$2,147.07	$2,650.52	$527.13	$3,345.18	$120,000
Design					$3,282.26	$9,605.76	$8,469.37	$8,087.48	$9,126.10	$109,000
Design										$250,000
Design	$44,490.83	$22,642.90	$38,994.09	$20,393.43	$24,284.82	$32,464.83	$47,966.47	$45,575.60	$28,299.70	$798,000
Pre-Construction										$1,055,000
Scoping										$20,000
Design										$50,000
Design	$2,213.30	$3,664.42	$4,501.60	$4,561.89	$4,954.10	$5,565.38	$10,501.68	$7,650.51	$22,913.94	$262,000
Design										
Completed		$175.71	$3,067.29	$7,603.94	$5,630.47	-$7,551.05	$226.83			$10,000
Design										
Design										$200,000
Design		$527.13	$175.71	$719.19		$351.42		$292.85	$726.74	$200,000
scoping										
Construction				$172.14			$58.57	$292.85	$20,509.87	$210,000

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter of the application of **CONSUMERS ENERGY COMPANY** for authority to increase its rates for the generation and distribution of electricity and for other relief.	))))))	Case No. U-21870 ALJ Jonathan F. Thoits

PROOF OF SERVICE

STATE OF MICHIGAN)
) ss
COUNTY OF WAYNE)

Lauren K. Degnan, being first duly sworn, deposes and says that on November 14, 2025, she did cause to be served: the ***Association of Businesses Advocating Tariff Equity's Official Exhibits [AB-1 to AB-21]***, as well as this ***Proof of Service***, in the above docket, via electronic mail to the persons identified on the attached service list.

Lauren K. Degnan

Digitally signed by: Lauren K. Degnan
DN: CN = Lauren K. Degnan email = LDegnan@clarkhill.com C = US O = Clark Hill PLC
Date: 2025.11.14 11:16:35 -05'00'

Lauren K. Degnan

SERVICE LIST
MPSC Case No. U-21870

Administrative Law Judge Hon. Jonathan F. Thoits Administrative Law Judge Michigan Public Service Commission 7109 W. Saginaw Hwy., 3rd Floor Lansing, Michigan 48917 Email: thoitsj@michigan.gov	**Counsel for MPSC Staff** Daniel E. Sonneveldt Amit T. Singh Nicholas Q. Taylor Alena M. Clark Adam M. Cozort Michael J. Orris Email: sonneveldtd@michigan.gov singha9@michigan.gov taylorn10@michigan.gov clarka55@michigan.gov cozorta1@michigan.gov orrism@michigan.gov Lori Mayabb Email: mayabbl@michigan.gov
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