STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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Case No. U-22046

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

DIRECT TESTIMONY OF

ELAINA M. BRAUNSCHWEIG

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Elaina M. Braunschweig. Pronouns she/her. My business address is 7109 West Saginaw Hwy, Lansing, Michigan 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission (MPSC or Commission) as a Departmental Analyst for the Rates and Tariff Section of the Regulated Energy Division.

Q. Please describe your educational background.

A. In 2018, I completed my Bachelor of Arts dual-major in Economics & Management and German with a minor in International Studies with honors from Albion College.

Q. What are your current responsibilities at the MPSC?

A. As an analyst, I participate in rate and tariff amendment cases under the direct supervision of the Rates and Tariff manager. I am also responsible for coordinating tariff-related *ex-parte* cases and the Rates and Tariff Section’s connection to low-income energy assistance and affordability.

Q. Have you attended any seminars or other training courses relating to your current role?

A. Yes. In August 2021, I participated in Michigan State University's Institute of Public Utilities Annual Regulatory Studies Program Fundamentals Course. In October 2021, I attended Michigan State University's Institute of Public Utilities Advanced Cost Allocation and Rate Design Course; in February 2022, I attended EUCI's Electric Utility Pricing Trends in Cost Recovery Course; in January 2026, I attended EUCI’s Electric Utility Pricing - Trends in Cost Recovery; and in January 2026, I attended EUCI’s Electric Cost-of-Service - Essential Concepts for a Changing Industry.

Q. Have you previously presented testimony or participated in utility cases before the MPSC?

A. Yes, I have presented testimony or otherwise participated in the following cases:

Case No.	Company	Subject/Type
U-20650	Consumers Energy	Gas Rate Design/Low-Income
U-20757	Commission	Energy Affordability Report
U-20907	UMERC	Budget Billing Revisions
U-20929	DTE Energy	PSP Pilot Proposal
U-21021	Consumers Energy	PIPP Pilot Proposal
U-21148	Consumers Energy	Gas Rate Design/Low-Income
U-20836	DTE Energy	Low-Income Credits
U-21286	UPPCO	Low-Income Credits
U-21308	Consumers Energy	Gas Rate Design/Low-Income
U-21461	Indiana Michigan Power	Rate Design/Low-Income
U-21490	Consumers Energy	Gas Low-Income Credits
U-21291	DTE Gas	Low-Income Credits
U-21534	DTE Energy	Low-Income Credits
U-21585	Consumers Energy	Energy Affordability
U-21806	Consumers Energy	Low-Income Credits
U-21860	DTE Energy	Low-Income Credits
U-21870	Consumers Energy	Energy Affordability
U-21986	Indiana Michigan Power	Large Load Tariff

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present Staff's position on the impact the June 11, 2026, MPSC Case No. U-20757 Commission order has on the Residential Income Assistance Credit and Low Income Assistance Credit.

Q. Are you sponsoring any exhibits in this proceeding?

A. Yes, I am sponsoring the following exhibits:

Exhibits:

S-11.1, titled "Company Audit Response 1"

S-11.2, titled "Company Audit Response 2"

S-11.3, titled "Residential Income Assistance Projection Support”

Q. Were these exhibits prepared by you or under your supervision?

A. Yes, they were.

Q. How is your testimony structured?

A. My testimony is structured as follows:

1. Background on U-20757
2. Future of the RIA Credit
3. RIA Credit Adjustment
4. Summary

1. Background on U-20757

Q. Please provide a brief background on the relevant history of the U-20757 case docket and Commission order(s).

A. The U-20757 docket was born out of the Covid-19 pandemic and was aimed at addressing the Commission’s response to the pandemic. Over the years, the docket evolved into addressing energy affordability and assistance issues, among other topics, mainly through the Energy Affordability and Accessibility Collaborative. One subcommittee that developed out of the docket and collaborative was the Affordability, Alignment, and Assistance subcommittee, which completed its work in 2025 with Staff’s capstone report, the Energy Affordability Report, filed to the U-20757 docket on September 10, 2025. This report signaled the completion of the directives issued by the Commission. The Commission passed its first order in response to the report on June 11, 2026, which will begin the process of transitioning the revenue collected from the current

utility credits, the Residential Income Assistance (RIA) Credit and Low-Income Assistance (LIA) Credit, to instead fund an affordable payment plan based on a 6% energy burden target for combined gas and electric commodities. This would equal a 4% energy burden for electric service and 2% for gas service.

2. Future of the RIA Credit

Q. What does the June 11, 2026, U-20757 Commission order specifically direct regarding the RIA and LIA credits?

A. On pages 40-41 of the order, the Commission states:

> The Commission finds that Staff's recommended Option A, to divert MCL 460.11(2)- related dollars to the relaunched APPs for utilities that already have APPs (but not comingling the funding sources with MEAP) should be accepted. Utilities may request diverting funding in a rate-neutral manner in an ex parte request with additional determinations on funding levels to take place in future utility-specific rate cases. The Commission directs IOUs to participate with the Staff in the workgroup outlined in this order to further develop appropriate tariff provisions for the Commission's consideration at a later date.

Q. Has the Company demonstrated it has the ability to implement similar measures as those in this Commission order?

A. Yes. After conducting a percentage of income payment plan (PIPP) pilot, the Company filed a report to its U-20929 docket with the request to continue the pilot as a permanent program to replace its Michigan Energy Assistance Program-funded affordable payment plan (APP), divert the RIA dollars to expand the payment plan program, and retain the LIA credit for customers that do not qualify for or opt out of the new PIPP-inspired APP.[1] The Commission's order mainly diverges from DTE's proposal, in terms of the benefit

[1] MPSC Case No. U-20929, 1/29/2025 DTE Energy PSP Pilot Report, p. 90.

customers receive, by modifying the APP to be based on the 6% energy burden target for customers within income tiers instead of tailoring each customer's payment to their specific income and simplifies DTE's proposal by eliminating the LIA. From an administrative standpoint, the Commission's decision simplifies DTE's proposal and reduces administrative burden by offering a single form of assistance and reducing income-eligibility requirements.

Additionally, like DTE's recommendation, the Commission does not currently support a change in funding levels.[2]

Q. How does Staff recommend the Commission implement its U-20757 order in the instant rate case?

A. Staff recommends the Commission direct the Company to implement the U-20757 order at the earliest date approved by the Commission in response to the implementation plan to be filed to the U-20757 docket in January 2027.

Q. What funding-related recommendations does Staff make in accordance with transitioning RIA and LIA customers onto an affordable payment plan identical and parallel to MEAP's offerings?

A. The Commission states in its June 11 order that the implementation workgroup shall develop a process for utilities to estimate increased funding to serve more customers. Instead of addressing funding levels in the instant case in this manner, Staff recommends that two variables drive funding levels instead of assuming that more customers will

[2] MPSC Case No. U-20929, 1/29/2025 DTE Energy PSP Pilot Report, pp. 90-91; MPSC Case No. U-20757, 6/11/2026 Commission Order, pp. 43-44.

enroll in this form of assistance: these are 1) energy assistance offering demand and 2) rate impact. While the Commission's order can be fulfilled in the implementation workgroup and in rate cases going forward, it is important that funding not outpace the real participation and costs of the program. If funding for programs authorized under MCL 460.11(2) supersedes the cost of the MCL 460.11(2) program, excess dollars could end up being used to subsidize the MEAP APP or allow the Company to retain excess, unused dollars for costs unrelated to this assistance program in the absence of a regulatory asset/liability. Even with a regulatory asset/liability in place, it is still best to accurately project program costs so that ratepayers in the current case and future cases aren't subsidizing each other and are paying as closely as possible the accurate costs for each test period.

In terms of rate impact, it will be important to track the financial impact the program costs have on the rest of the ratepayers to determine reasonableness and prudency.

For these reasons, Staff recommends continuing RIA and LIA projections consistent with the normal process that takes place in rate cases until there is more certainty as to when the Company can realistically implement the changes to the credits. Staff will discuss its RIA credit projection in the next section of this testimony.

3. RIA Credit Adjustment

Q. In direct testimony, what does the Company propose as an RIA credit projection?

A. Company witness Jason Sparks proposes a monthly projection of 77,720 RIA recipients, based on a 3-year historical average of RIA participation.

Q. Is this aligned with past Commission orders?

A. Yes. This historical methodology was recently approved by the Commission in U-21534.[3]

Q. Did the Company file the instant rate case before or after the Commission released its U-20757 order and what impact does that have on the RIA projection?

A. The Company filed its rate case before the June 11 U-20757 Commission order, which means it could not factor the following order language into its projection:

> Beginning October 1, 2026, investor-owned utilities shall endeavor to ensure that a customer participating in an affordable payment plan funded under the Michigan Energy Assistance Program that results in an energy burden of not more than six percent of household income is not also receiving a credit from that utility funded pursuant to MCL 460.11(2).[4]

Q. Please briefly explain what a MEAP APP is.

A. The Michigan Energy Assistance Program, and its corresponding funding source, the Low Income Energy Assistance Fund, is a statewide energy assistance program for all electric providers that elect to opt in, subject to MCL 460.9t. It supplies as-needed assistance to income-eligible customers aimed at reducing customers' past-due balances as well as monthly payment subsidies in the form of an "affordable payment plan" (APP) for six MPSC-regulated utilities: Consumers Energy electric, Consumers Energy gas, DTE Energy, DTE Gas, SEMCO, and UPPCO. The APP has been a two-year term-limited program that, starting October 1, 2026, will be redesigned to have its monthly subsidies and customer payment obligations be based on energy burden targets instead of monthly subsidy designs that each utility develops. That means, starting October 1, 2026, some customers will be on year two of the existing APP benefit matrix design and newly

[3] MPSC Case No. U-21534, 1/23/25 Order, p. 413.
[4] MPSC Case No. U-20757, 6/11/2026 Commission Order, p. 52.

enrolled customers (those on or after October 1, 2026) will be on a newer version of the APP that bases customer payment responsibility on energy burden. It won't be until October 1, 2027 that all enrolled APP customers will be on the same or similar program.

Q. What impact does the Commission order language have on RIA and LIA credit projections?

A. As shown in Exhibit Nos. S-11.1 and S-11.2, customers on MEAP APPs receive RIA or LIA credits. Staff is currently in the process of implementing the Commission's order, which may mean that customers on the old APP, ending September 30, 2027, continue receiving the credit until then and new, energy burden-based APP enrollments starting October 1, 2026 would not receive a credit. The order language could also mean that all customers on APPs, regardless of the old or new model, shall no longer receive an RIA nor LIA credit starting October 1, 2026. The outcome of the implementation plan, or the Commission's directives set forth in the instant case's final order, shall determine the most accurate projection, which is why Staff has two potential adjustments, one of which should be accepted.

Q. What modification does Staff propose be made to the Company's RIA projection as a result?

A. Staff proposes subtracting out the number of customers that receive a credit alongside their MEAP APP from the Company's RIA credit projection, as shown in Exhibit No. S-11.3. Staff proposes two ways of doing this, as described above. 1) Remove from the Company's RIA projection a three-year average of all customers receiving both forms of assistance. 2.) Remove the three year average of historical customers in only year one of

their APP, to continue receiving their credit until they are transitioned over to the new APP.

Q. Why does Staff subtract the overlapping MEAP+RIA/LIA customers from the RIA projection instead of from both the RIA and LIA totals?

A. Staff subtracts the total RIA and LIA customers receiving MEAP APPs from only the RIA projection because Staff does not support reducing the LIA enrollment cap. Instead of simply removing the APP customers from the projections, Staff instead proposes the new APP customers starting their payment plan October 1, 2026 are removed from the credits and empty LIA slots would be replaced by RIA-identified/eligible customers, thus reducing the RIA projection but not impacting the LIA enrollment cap. Staff's RIA projection reflects this.

Q. What is the revenue impact of this adjustment?

A. The revenue impact of removing all overlapping MEAP and credit customers is an increase of $1,384,446 to present revenue. The equation to reach this is =((Company RIA monthly projection)-(3-year historical monthly average of all RIA/LIA MEAP APP recipients))*12*$8.50.

The revenue impact of removing just the customers in the first year of their MEAP APP is $812,124. =((Company RIA monthly projection)-(3-year historical monthly average of RIA/LIA MEAP APP customers on year 1 of MEAP APP))*12*$8.50.[5]

Q. Does Staff's projection reduce the number of customers allowed to receive RIA or LIA?

[5] The historical average of customers on their first year of the MEAP APP is used because the customers on year 2 of their MEAP APP are staying on the credit and customers beginning year 1 of the new MEAP APP would be transitioned off of the credit.

A. No. First, the RIA and LIA credits have been used by the Company to offset the MEAP's subsidized portion of APP customers' bills, meaning whether or not a customer receives an RIA or LIA credit on their APP-subsidized bill, their amount due would remain the same. The credit simply subsidizes MEAP's costs instead of further lowering the customer's bill. Second, Staff's projection retains the LIA enrollment cap, and the RIA projection is only a projection, not a cap. This means that all identified, eligible customers that can receive the RIA should receive the RIA, regardless of the estimated revenue shortfall included in rates. The Company is responsible for continuing to enroll eligible customers in the RIA regardless of the projection used to set rates. Just as a sales forecast or customer count forecast used to develop the billing determinants in the rate design is used to estimate revenue does not preclude the Company from selling more or less Mwh in sales of electricity or connecting new customers to the grid; it is simply used to develop the rates needed to reach the revenue requirement. The RIA projection is no different from a customer count or sales projection in this way.

4. Summary

Q. Please summarize your positions and recommendations in your testimony.

A. Staff recommends the Commission order the Company to implement the changes to the RIA and LIA credits, as set forth in the June 11, 2026 U-20757 order and approve Staff's adjustment to the Company's RIA credit projection, which reflects the Commission's June 11, 2026 U-20757 order disallowing MEAP APP customers from receiving RIA or LIA credits.

Q. Does this conclude your direct testimony?

A. Yes, it does.

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distribution and supply of electric energy, and
for miscellaneous accounting authority.

QUALIFICATIONS AND DIRECT TESTIMONY OF

JAY S. GERKEN

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Jay S. Gerken and my business address is 7109 West Saginaw Highway, Lansing, MI 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission ("MPSC" or "Commission") as Manager of the Rate Base Unit in the Revenue Requirements Section of the Regulated Energy Division.

Q. Please briefly describe your educational background and other professional qualifications.

A. I earned a Bachelor of Business Administration Degree in Accounting from Northwood University in 1995. In August 2009, I completed the National Association of Regulatory Utility Commissions ("NARUC") Annual Regulatory Studies Program at Michigan State University, which included courses on ratemaking, rate case auditing, regulatory policy, and other regulatory issues. In September 2010, I completed the Institute for Public Utilities ("IPU") Advanced Regulatory Studies Program at Michigan State University. From 2011 forward, I have continued to attend various accounting and ratemaking courses offered by the IPU.

Q. Please describe your professional background with the MPSC.

A. I began my employment with the MPSC in February 2009 as an auditor in the Act 304 Reconciliations Section of the Regulated Energy Division. In that position I was responsible for auditing PSCR reconciliation cases, GCR reconciliation cases, Electric Cooperative TIER cases, and various other cases filed with the MPSC for reconciliation.

In February 2014, I accepted an auditor position in the Revenue Requirements Section of the Financial Analysis & Audit Division. During my time in that role my responsibilities included, but were not limited to, performing rate case audits using the financial and operating records of regulated utilities, applicable laws, regulations, and Commission policies to determine the necessity of rate relief. In May 2017, I was promoted to my current position as Manager of the Rate Base Unit in the Revenue Requirements Section of the Regulated Energy Division.

Q. Have you sponsored testimony before the Michigan Public Service Commission?

A. Yes. I have sponsored testimony in the following cases:

Case Number	Company	Case Type
U-16045-R	Consumers Energy Co.	PSCR Reconciliation
U-16421-R	UP Power Company	PSCR Reconciliation
U-16432-R	Consumers Energy Co.	PSCR Reconciliation
U-16441	Consumers Energy Co.	Self-Implementation of Gas Rates
U-16890-R	Consumers Energy Co.	PSCR Reconciliation
U-17643	Consumers Energy Co.	Gas Rate Case
U-17735	Consumers Energy Co.	Electric Rate Case
U-17882	Consumers Energy Co.	Gas Rate Case
U-17895	UP Power Company	Electric Rate Case
U-17990	Consumers Energy Co.	Electric Rate Case
U-18014	DTE Electric Company	Electric Rate Case
U-18370	I&M Power Company	Electric Rate Case
U-18424	Consumers Energy Co.	Gas Rate Case
U-18999	DTE Gas Company	Gas Rate Case
U-20162	DTE Electric Company	Electric Rate Case
U-20165	Consumers Energy Co.	Integrated Resource Plan
U-20359	I&M Power Company	Electric Rate Case
U-20521	DTE Electric Company	Demand Response Reconciliation
U-20561	DTE Electric Company	Electric Rate Case
U-20642	DTE Gas Company	Gas Rate Case
U-20697	Consumers Energy Co.	Electric Rate Case
U-21148	Consumers Energy Co.	Gas Rate Case
U-21297	DTE Electric Company	Electric Rate Case
U-21389	Consumers Energy Co.	Electric Rate Case

U-21555	UP Power Company	Electric Rate Case
U-21860	DTE Electric Company	Electric Rate Case

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide recommendations on the calculation of the Distribution Infrastructure Recovery Mechanism (IRM) surcharge should the Commission approve any changes to DTE Electric Company's ("DTE" or the "Company") already approved 2027 investment levels and if the Commission should approve an extension of the IRM past 2027 in the instant electric rate case. I will also be supporting the removal of certain capital expenditures for IRM programs out of the company's base rate request due to being covered by the 2027 and 2028 IRM investment levels Staff witness Tayler Becker is supporting.

Q. Did you use artificial intelligence or a large language model in any capacity to prepare your Testimony or Exhibits in this case?

A. No.

Q. Are you sponsoring any Exhibits in this proceeding?

A. Yes, I am sponsoring the following Exhibits:

S-13.1 DTE Responses to Staff Audit Request JSG-1.1

S-13.2 DTE Responses to Staff Audit Request JSG-2.1a

S-13.3 DTE Responses to Staff Audit Request JSG-2.1b

Q. Were these exhibits prepared by you or under your direction?

A. Yes.

Q. What recommendations do you have regarding the calculation of the IRM surcharge?

A. Should the Commission approve an IRM in this instant case for years 2028 or later 1) the Commission should update the rate of return in the calculation to that it finds is reasonable for the mechanism. Staff witness Evans supports the Staff recommend rate of return for the IRM. Should the Commission find the rate of return should be a pre-tax rate of return or some other rate of return, that return should be used in the derivation of the surcharge (refer to Staff Exhibit S-13.2 where DTE confirms if the Commission were to order something other than the company's Pre-tax ROR of 7.417% the rate to be used would be that as ordered by the Commission) and 2) the depreciation rate should also be updated to reflect the correct rate (4.0822%) as confirmed by the company in its response to staff audit (refer to Staff Exhibit S-13.3).

Q. Staff witness Tayler Becker proposes the company's IRM investment levels for 2027 be that of the company's alternate test year proposal levels for 2027 (see Table 2 on page 5 of my testimony from company witness B. Chiu direct testimony, page 51) and then be maintained at those same levels for a one-year extension covering 2028. Regarding Staff witness Becker's recommended IRM levels, does the company's revenue deficiency as filed in the instant case include some capital distribution investments that would need to be removed from the base rate revenue deficiency calculation because they would be covered by the IRM surcharge at the Staff recommend levels for 2027 and 2028?

A. Yes, some capital expenditures for the following programs would need to be removed from the base rate revenue deficiency calculation:

- Distribution Automation
- PTMM
- Breaker Replacement
- URD Replacement

DTE Electric Company
B. Chiu Direct Testimony Page 51
Table 2 Proposed IRM Investment Levels ($M)

	Approved		Proposal			Alternate Test Year Proposal	
Capital Program	2026	2027	2028	2029	2030	2027	2028
Distribution Automation[52]	68.9	0	116.7	46.0	0	100.0	140.0
PTMM	200.0	200.0	314.0	482.6	540.0	263.4	376.8
Subtransmission Redesign & Rebuild	53.8	52.5	48.3	80.0	90.0	52.5	58.0
Breaker Replacement	12.6	15	16.7	35.0	55.0	15.0	20.0
URD Replacement	13.5	15	16.7	35.0	55.0	15.0	20.0
System Cable	0	0	25.8	40.0	55.0	0	31.0
Total	348.9	282.5	538.2	718.6	795.0	445.9	645.8

Q. Specifically, what capital expenditures for the Distribution Automation program would need to be removed due to being covered by the IRM surcharge at the Staff recommend levels for 2027 and 2028?

A. Using the company's Exhibit A-12, Schedule B5.4, page 13 of 22, line 7, the company projects $100,000,000 for 2027 and $23,333,000 for 2028. This breaks down to $16,667,000 for the two months ending February 28, 2027 of the bridge period and $106,667,000 for the test year ending February 29, 2028 that would need to be removed.

Q. Specifically, what capital expenditures for the PTMM program would need to be removed due to being covered by the IRM surcharge at the Staff recommend levels for 2027 and 2028?

A. Using the company's Exhibit A-12, Schedule B5.4, page 9 of 22, line 4, the company projects $64,400,000 for 2027 and $62,800,000 for 2028. This breaks down to $10,567,000 for the two months ending February 28, 2027 of the bridge period and $115,633,000 for the test year ending February 29, 2028 that would need to be removed.

Q. Specially, what capital expenditures for the Breaker Replacement program would need to be removed due to being covered by the IRM surcharge at the Staff recommend levels for 2027 and 2028?

A. Using the company's Exhibit A-12, Schedule B5.4, page 9 of 22, line 22, the company projects $0 for 2027 and $3,333,000 for 2028. Since the $3,333,000 is projected for the first two months of 2028 that amount would need to be removed from the test year ending February 29, 2028.

Q. Specially, what capital expenditures for the UHD Replacement program would need to be removed due to being covered by the IRM surcharge at the Staff recommend levels for 2027 and 2028?

A. Using the company's Exhibit A-12, Schedule B5.4, page 9 of 22, line 29, the company

projects $0 for 2027 and $3,333,000 for 2028. Since the $3,333,000 is projected for the first two months of 2028 that amount would need to be removed from the test year ending February 29, 2028.

Q. Do you have any other recommendations regarding the IRM.

A. Yes. Regardless of what the Commission decides concerning the various IRM recommendations in this case, Staff recommends the Commission ensure the revenue deficiency ordered in the instant case includes or removes projected capital expenditures as appropriate. This ensures no double recovery takes place of those capital expenditures through base rates and the IRM surcharge.

Summary and Recommendations

Q. Please summarize your testimony.

A. In summary regarding the IRM, Staff recommends the Commission update the calculation of the surcharge for any year beginning 2028 and later in this instant case to use the appropriate rate of return as ordered by the Commission and use the correct depreciation rate of 4.0822%. Additionally, Staff recommends the Commission includes or removes capital expenditures as appropriate in the calculation of its revenue deficiency to be ordered in the instant case to ensure no double recovery of capital expenditures occurs through base rates and the IRM surcharge.

Q. Does this conclude your testimony?

A. Yes.

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distribution and supply of electric energy, and
for miscellaneous accounting authority.

QUALIFICATIONS AND DIRECT TESTIMONY OF

JUSTIN J. HECHT

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Justin J. Hecht and my business address is 7109 West Saginaw Highway, Lansing, MI 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission ("MPSC" or "Commission") as an auditor in the Revenue Requirements section of the Regulated Energy Division.

Q. Please briefly describe your educational background and other professional qualifications.

A. I earned a Bachelor of Business Administration Degree in Accounting from Northwood University in 2014. In February 2023, I completed the National Association of Regulatory Utility Commission ("NARUC") Rate Case Basics course. In November 2023, I completed the Institute of Public Utilities ("IPU") Advanced Regulatory Accounting and Auditing course.

Q. Please describe your professional background.

A. I was previously employed at Andrews Hooper Pavlik, PLC as a staff accountant, from November 2014 through September 2017, where I performed tax preparation and audits of financial institutions. I was previously employed at Berthiaume & Company, CPAs as an in-charge auditor, from October 2017 through January 2023, where I performed audits of governmental and nonprofit entities. I began my employment with the MPSC in February 2023 as an auditor in the Rate Base Unit of the Regulated Energy Division. My current responsibilities include, but are not limited to, performing rate case audits using the financial and operating records of regulated utilities, applicable laws, regulations, and

Commission policies to determine the necessity of rate relief.

Q. Briefly discuss your involvement with the MPSC cases.

A. I have performed audit work in the following cases:

Case Number	Company	Case Type
U-21366	MGU	Gas Rate Case
U-21297	DTE Electric Company	Electric Rate Case
U-21389	Consumers Energy Co.	Electric Rate Case
U-21412	I&M Power Company	Depreciation Rate Case
U-21461	I&M Power Company	Electric Rate Case
U-21384	DTE Gas Company	Depreciation Rate Case
U-21291	DTE Gas Company	Gas Rate Case
U-21540	MGU	Gas Rate Case
U-21565	NSPW	Electric Rate Case
U-21534	DTE Electric Company	Electric Rate Case
U-21513	UPPCO	Depreciation Rate Case
U-21806	Consumers Energy Co.	Gas Rate Case
U-21860	DTE Electric Company	Electric Rate Case
U-21903	NSP	Gas Rate Case
U-21973	DTE Gas Company	Gas Rate Case
U-21984	Detroit Thermal, LLC	Steam Rate Case
U-22002	SEMCO Energy	Gas Rate Case

Q. Have you previously sponsored testimony before the Michigan Public Service Commission?

A. Yes. I have sponsored testimony in the following cases:

Case Number	Company	Case Type
U-21297	DTE Electric Company	Electric Rate Case
U-21389	Consumers Energy Co.	Electric Rate Case
U-21461	I&M Power Company	Electric Rate Case
U-21291	DTE Gas Company	Gas Rate Case
U-21540	MGU	Gas Rate Case
U-21565	NSPW	Electric Rate Case
U-21534	DTE Electric Company	Electric Rate Case
U-21806	Consumers Energy Co.	Gas Rate Case
U-21860	DTE Electric Company	Electric Rate Case
U-21903	NSP	Gas Rate Case

U-21973 DTE Gas Company Gas Rate Case

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present the MPSC Staff's ("Staff") projected total rate base for the 12-month period ending February 29, 2028, ("projected test year") in the instant DTE Electric Company ("DTE" or the "Company") electric rate case. Additionally, I will be supporting adjustments to the Company's projected depreciation and amortization expense and property tax expense, presented on Staff Exhibit S-3, Schedule C1.1, sponsored by Staff witness Nichols.

Q. Are you sponsoring any exhibits in this proceeding?

A. Yes, I am sponsoring the following exhibits:

Exhibit	Schedule	Title
S-2	B1	Projected Rate Base for the Test Year Ending 2/29/28
S-2	B4	Projected Working Capital for the Test Year Ending 2/29/28
S-16.1		Company Response to MPSC Staff Discovery Question Nos. STDE-5.1 through STDE-5.3 and Attachment
S-16.2		Company Response to MPSC Staff Audit Request JJH-2

Q. Were these exhibits prepared by you or under your direction?

A. Yes.

Q. Did you use artificial intelligence or a large language model in any capacity to prepare your Testimony or Exhibits in this case?

A. No.

RATE BASE

Q. What is the total rate base being presented by Staff in the instant case for the projected test year?

A. Referring to Staff Exhibit S-2, Schedule B1, Line 16, Column (e), Staff presents a total projected rate base of $25,400,124,000. This is a decrease of $468,138,000 from the Company's $25,868,261,000 projection presented on Exhibit A-12, Schedule B1, Line 16, Column (d), in its initial filing. Below, my testimony will address the individual components resulting in the $468,138,000 reduction to the Company's filed projected total rate base.

Total Utility Plant

Q. What is the total utility plant being presented by Staff for the projected test year?

A. Referring to Exhibit S-2, Schedule B1, Line 4, Column (e), Staff presents a projected total utility plant of $31,363,879,000. This is a decrease of $425,405,000 from the Company's $31,789,284,000 projection presented on Exhibit A-12, Schedule B1, Line 6, Column (d), in its initial filing.

Q. Please explain the $425,405,000 decrease.

A. The $425,405,000 decrease is the corresponding impact to plant in service resulting from Staff adjustments to the Company's historic and projected capital expenditures. A summary of those adjustments and the Staff witness supporting each is illustrated in Figure 1 on page 5 of my testimony.

FIGURE 1*		Total	Test Year Impacts From Historic and Projected Capital Spend Adj				
($000)		Cap Ex	Plant	Accum. Depr.	Net Rate Base	Depreciation	Property Tax
Staff Witness	Adjustment Description	Increase / (Decrease)	Increase / (Decrease)	Increase / (Decrease)	Increase / (Decrease)	Increase / (Decrease)	Increase / (Decrease)
Becker	Distribution Plant	(7,000)	(3,500)	(71)	(3,429)	(143)	(10)
Boutet	Distribution Plant	(16,324)	(1,994)	(313)	(1,681)	(399)	(1)
Durfee	Distribution Plant	(19,924)	(7,146)	1,995	(9,140)	(292)	(96)
Gerken	Distribution Plant	(256,200)	(130,960)	7,997	(138,957)	(5,346)	(351)
Hansen	Distribution Plant	(8,236)	(6,336)	(631)	(5,705)	(629)	-
Higgins	Distribution Plant	(20,187)	(9,150)	(345)	(8,805)	(374)	(84)
Shi	Distribution Plant	(206,744)	(132,964)	18,629	(151,592)	(5,428)	(1,156)
Harris	Corporate Staff	(613)	(350)	(15)	(335)	(29)	(1)
Hansen	Corporate Staff	(3,967)	(3,467)	(299)	(3,168)	(287)	(39)
Simmons	Corporate Staff	(5,700)	(2,970)	202	(3,172)	(246)	(8)
Towslee	Demand Side Management	(5,374)	(2,687)	(269)	(2,418)	(537)	(8)
Harris	Information Technology	(1,295)	(977)	(179)	(797)	(195)	-
Klocke	Information Technology	(104,620)	(85,813)	(23,490)	(62,323)	(17,163)	-
Rogers	Information Technology	(54,553)	(37,093)	(5,696)	(31,398)	(7,419)	-
	TOTAL	**(710,736)**	**(425,405)**	**(2,485)**	**(422,920)**	**(38,486)**	**(1,755)**

*Source - WP-JJH-1

Depreciation Reserve

Q. What is the depreciation reserve amount being presented by Staff for the projected test year?

A. Referring to Exhibit S-2, Schedule B1, Line 7, Column (e), Staff presents a projected depreciation reserve of $7,719,048,000. This is a decrease of $2,485,000 from the Company's $7,721,534,000 projection presented on Exhibit A-12, Schedule B1, Line 7, Column (d), in its initial filing.

Q. Please explain the $2,485,000 decrease.

A. The $2,485,000 decrease is the corresponding impact to the depreciation reserve resulting from Staff adjustments to the Company's historic and projected capital expenditures (refer to Figure 1 of my testimony above).

Working Capital

Q. What is the projected test year working capital being presented by Staff?

A. Referring to Staff Exhibit S-2, Schedule B4, Line 80, Column (d), Staff presents a projected working capital of $1,506,882,000. This is a decrease of $45,218,000 from the Company's $1,552,100,000 projection presented on Exhibit A-12, B4, Line 80, Column (c), in its initial filing.

Q. Please explain the $45,218,000 decrease.

A. The $45,218,000 decrease is a combination of six adjustments made by Staff and are as follows. First, line 11, Other Accounts Receivable, was reduced by $5,900,000. I will discuss this adjustment in my testimony below. Second, line 25, Reg Asset – Pension Deferral, was reduced by $42,895,000. I will discuss this adjustment in my testimony below. Third, line 34, Reg Asset – Transportation Electrification, was reduced by $403,000. This is a corresponding impact from Staff Witness Freeman's recommendations in his direct testimony regarding the Emerging Tech Fund. Fourth, line 68, Reg Liab-Other Post Empl Benefits (OPEB), was reduced by $17,813,000. I will discuss this adjustment in my testimony below. Fifth, line 69, Regulatory Liab-OPEB Capitalized, was increased by $24,445,000. I will discuss this adjustment in my testimony below. Sixth, line 70, Regulatory Liab-Pension Capitalized, was reduced by $10,612,000. I will discuss this adjustment in my testimony below.

Q. Please explain your adjustment to reduce line 11, Other Accounts Receivable, in the amount of $5,900,000.

A. Staff Exhibit S-16.2 is a response from the Company asserting that $5,900,000 of the

balance within other accounts receivable should be considered non-utility. Therefore, I've made an adjustment to reduce other accounts receivable by this amount.

Q. Please explain your adjustments to reduce line 25, Reg Asset – Pension Deferral, in the amount of $42,895,000, to reduce line 68, Regulatory Liab-Other Post Empl Benefits (OPEB), in the amount of $17,813,000, to increase line 69, Regulatory Liab-OPEB Capitalized, in the amount of $24,445,000, and to reduce line 70, Regulatory Liab-Pension Capitalized, in the amount of $10,612,000.

A. These adjustments were the result of Company Witness Uzenski revising her testimony. As a result of her revised testimony, working capital was reduced by $46,875,000, the net of the above adjustments.

DEPRECIATION AND AMORTIZATION EXPENSE ADJUSTMENTS

Q. The Company provides a projected test year amount for depreciation and amortization expense of $1,557,980,000 on its Exhibit A-13, Schedule C1, in its initial filing, is that correct?

A. Yes.

Q. What adjustments to the Company projected depreciation expense are you supporting?

A. I am supporting an adjustment on Exhibit S-3, Schedule C1, Line 5, Column (d), sponsored by Staff witness Nichols, to decrease the Company's projected depreciation expense by $47,688,000 to $1,510,292,000.

Q. Please explain the $47,688,000 decrease.

A. The $47,688,000 decrease is the result of two adjustments illustrated on Staff Exhibit S-3, Schedule C-1.1, Column (h), which I address below.

Q. Please explain the $38,486,000 reduction.

A. The $38,486,000 reduction is the corresponding impact on depreciation expense resulting from Staff's adjustments to the Company's historic and projected capital expenditures (refer to Figure 1 on page 5 of my testimony).

Q. Please explain the $9,202,000 reduction.

A. Staff Exhibit S-16.1 is the Company Response to MPSC Staff Discovery Question Nos. STDE-5.1 through STDE-5.3 and Attachment confirming that the Company used 2023 plant balances in error and provided an attachment for the corrected amounts based on 2025 plant balances. This correction results in a reduction of $9,202,000 to depreciation and amortization expense; therefore, I've made an adjustment to depreciation and amortization expense for this amount.

PROPERTY TAX EXPENSE ADJUSTMENT

Q. What adjustment to the Company's test year projected property tax expense are you supporting?

A. I am supporting an adjustment on Exhibit S-3, Schedule C-1, Line 6, Column (d) sponsored by Staff witness Nichols, to decrease the Company's test year projection by $1,755,000.

Q. Please explain the $1,755,000 reduction.

A. The $1,755,000 reduction is comprised of the corresponding impacts on property tax expense resulting from the Staff's adjustments to the Company's historic and projected capital expenditures (refer to Figure 1 on page 5 of my testimony).

SUMMARY OF RECOMMENDATIONS

Q. Please summarize your recommendations.

A. I recommend the ALJ and Commission approve the following based on Staff's adjustments: Staff's projected rate base of $25,400,124,000, Staff's $47,688,000 reduction to depreciation and amortization expense, and Staff's $1,755,000 reduction to property tax expense. Specifically, my rate base testimony supports a $468,138,000 reduction to the Company's projected rate base, a reduction of total utility plant of $425,405,000, a decrease to depreciation reserve of $2,485,000, and a reduction of allowance for working capital of $45,218,000.

Q. Does this conclude your testimony?

A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

DAVID W. ISAKSON

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name, address, and current position.

A. My name is David W. Isakson (he/him/his). My business address is 7109 West Saginaw Hwy, Lansing, Michigan 48917. I am currently employed by the Michigan Public Service Commission (MPSC or Commission) in the Rates and Tariff Section of the Regulated Energy Division as a Departmental Analyst.

Q. Would you briefly describe your educational background?

A. I earned a B.S. in economics from Central Michigan University in 2008. In 2011, I completed an M.A. in economics at Central Michigan University.

Q. Have you attended any seminars or other training courses?

A. Yes. In August 2012, I completed the National Association of Regulatory Utility Commissioners (NARUC) Annual Regulatory Studies Program held at Michigan State University. I attended the AEIC Advanced Load Research Seminar in October 2012, and the Electric Cost of Service Study and Electric Utility Pricing courses hosted by EUCI in July 2019.

Q. How long have you been employed by the MPSC and what are your responsibilities in your current position?

A. I have been employed by the MPSC since 2011. I participate in rate, tariff amendment, reconciliation, integrated resource plan (IRP), special contract, *ex parte* tariff, and other cases under the supervision of the Rates and Tariff manager. My work involves performing electric rate design, gas rate design, and tariff analysis. My duties also involve performing research in special topics such as rate benchmarking, load research, demand response, and the economics of public utility regulation.

Q. Have you previously presented testimony in cases before the MPSC?

A. Yes, I have presented testimony in the following cases:

MPSC Case	Company	Work Description
U-17437	DTE Electric Company	PLD Transition Plan
U-17643	Consumers Energy Company	Gas Rate Design
U-17761	DTE Electric Company	PLD Trans. Reconciliation
U-17767	DTE Electric Company	Electric Rate Design
U-17999	DTE Gas Company	Gas Cost of Service Study
U-18014	DTE Electric Company	Electric Rate Design
U-18124	Consumers Energy Company	Gas Cost of Service Study
U-18322	Consumers Energy Company	Electric Rate Design
U-18424	Consumers Energy Company	Gas Cost of Service Study
U-18999	DTE Gas Company	Gas Cost of Service Study
U-20102	Consumers Energy Company	Electric TCJA Credit A
U-20103	Consumers Energy Company	Gas TCJA Credit A
U-20134	Consumers Energy Company	Electric Rate Design
U-20165	Consumers Energy Company	IRP- Demand Response (DR)
U-20287	Consumers Energy Company	Gas TCJA Credit B
U-20286	Consumers Energy Company	Electric TCJA Credit B
U-20309	Consumers Energy Company	TCJA Calculation C
U-20322	Consumers Energy Company	Gas Cost of Service Study
U-20471	DTE Electric Company	IRP - DR
U-20479	SEMCO Energy Gas Company	ASP Revenue
U-20561	DTE Electric Company	Electric Rate Design
U-20642	DTE Gas Company	Gas DR
U-20650	Consumers Energy Company	Gas DR, Tariffs
U-20940	DTE Gas Company	R&D Expense
U-20963	Consumers Energy Company	Electric Rate Design
U-21080	Consumers Energy Company	DR Reconciliation
U-21148	Consumers Energy Company	Renewable Natural Gas
U-21224	Consumers Energy Company	Electric Rate Design
U-21297	DTE Electric Company	Electric Rate Design
U-21389	Consumers Energy Company	Electric Rate Design
U-21540	Michigan Gas Utilities Corporation	Gas Cost of Service Study
U-21534	DTE Electric Company	Electric Rate Design
U-21585	Consumers Energy Company	Electric Rate Design
U-21859	Consumers Energy Company	Large Load Customer Tariff
U-21860	DTE Electric Company	Electric Rate Design
U-22058	DTE Electric Company	Large Load Customer Contract

Q. What is the purpose of your testimony?

A. My testimony supports Staff's streetlighting rate design and related recommendations.

Q. Are you sponsoring any exhibits?

A. Yes, I am sponsoring the following:

Staff Exhibit S-6, Schedule F3, pages 46 through 57

Staff Exhibit S-31.1, Staff Universal Lighting Rate Model.

Q. Please describe Staff's method of designing streetlighting rates.

A. Staff updated the Company's legacy lighting rate model with inputs from Staff's cost of service study (COSS) to produce charges for rate schedules D9, E1, and E2. The existing legacy structure of lighting rates applies specific charges depending on lighting technology (i.e. mercury vapor, high pressure sodium, etc.) and lamp wattage. The Company's legacy model does not produce all of the necessary charges for each lamp type and wattage, so Staff estimated those missing charges using linear regression. For example, the model produced 6 of the 8 charges for high pressure sodium lamps with wattages between 70 and 1,000. Staff's linear regression method imputes the missing values by relying on the linear relationship between the existing charges and wattage. This method is not feasible without multiple lamps in service for each lighting type, so charges for metal halide lamps on Rate D9 (outdoor protective lighting) could not be imputed because there is but one singular 1,000W lamp in service on that rate. In that instance Staff simply used the Company's proposed charges instead of calculating new ones. This does not affect potential customers nor the revenue requirement because there are no customers taking service on those specific rates and with the lighting technology

being phased out, no customer will ever take that service.

Q. Why and how does Staff's method differ from the Company's for legacy lighting rate design?

A. The Company's legacy model does not produce necessary charges for lighting technologies and/or wattage levels that do not have customers because the model is very specific in its allocation of revenue requirement. If no customers are currently taking service on, for example, high pressure sodium at 360 watts, then the model returns a delivery charge of $0.00. This is not unexpected because as part of the Company's conversion to LED lighting, it discontinued replacing non-LED lights with those other technologies. For this reason, the lighting rate model in the instant case produced even fewer specific charges than in the previous case. The Company relies on a method called interpolation to determine the missing charges, which is a function of Excel that Staff does not possess. This is why Staff used a linear regression method to determine missing charges when possible. Staff and the Company's methods differ in outcomes, but Staff finds the Company's interpolation to more reliably create charges.

Q. What does Staff recommend regarding legacy streetlighting rate design?

A. Because the Company has access to the interpolation method that will lead to more reliable charges, Staff recommends that the Commission direct the Company to produce final lighting rates and associated tariffs at the conclusion of the instant case. Under this proposal the Commission will issue its final order including power supply and distribution revenue requirements for Rates D9 and E1, and the Company will use data from the final approved cost of service study to create rates using its legacy model

(including the interpolation function that is unavailable to Staff). The Company will then submit its model and tariffs to Staff for review and final approval by the Commission.

Q. Will the issue of missing legacy lighting charges persist in future rate cases?

A. No. As explained by the Company, the Commission required the Company to propose a new universal lighting rate design method for use in future cases for the very reasons described in this direct testimony.[1] Staff recommends that the Commission approve the Company's proposed universal lighting rate design, proposed gradual increase in distribution rate for E1 Option III customers, and proposed implementation timeline of up to 6 months following the final order in the instant case. The new fixed monthly charges for lighting infrastructure updated with input from Staff's cost of service study can be found in Staff Exhibit S-31.1. Staff calculated the delivery charges for Options I and III for Rate E1 using the same method as the Company and resulted in charges of $0.2537 and $0.1814, respectively.[2]

As explained by the Company, there are over 500 existing rate combinations for lighting customers under the legacy method of rate design, which Staff has shown cannot all be calculated accurately or reliably. For this reason, and those explained in the Company's previous rate case, the Commission should approve the Company's new universal lighting rate design.

Q. Please summarize your recommendations.

A. Staff recommends the following:

[1] Direct testimony of Company witness Christopher J. Hartley, pp 47-54.
[2] Staff Exhibit S-31.1, "Input" workpaper.

1. The Commission approve the Company's universal lighting rate design, gradual increase to the Rate E1, Option III distribution charge, and 6-month implementation period.
2. The Commission require the Company to design final lighting rates under the legacy method following the final order in the instant case and file associated tariffs.

Q. Does this conclude your direct testimony?

A. Yes it does.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

ROBERT F. NICHOLS II, CPA

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Robert F. Nichols II, and my business address is 7109 West Saginaw Highway, Lansing, MI 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission (Commission or MPSC) as the Manager of the Revenue Requirements Section of the Regulated Energy Division.

Q. How long have you been employed by the MPSC and what are your duties?

A. I have been employed by the MPSC since November of 2011. As Manager of the Revenue Requirements Section, I am primarily responsible for the planning and direction of electric and gas rate case audits and presentations, as well as cases involving accounting standards and requests for accounting authority. From 2011 through March 2016, as an Auditor within the Revenue Requirements Section, my responsibilities included auditing, analyzing, and making recommendations regarding utility revenues, expenses, and rate base.

Q. Please describe your educational background.

A. I graduated from Davenport University, with highest honors, in 2009 with a Bachelor of Business Administration degree in Accounting Information Management. I attended a regulation and ratemaking conference hosted by the Michigan State University Institute of Public Utilities (MSU IPU) in May of 2012. In August of 2012, I attended the National Association of Regulatory Utility Commissioners (NARUC) annual two-week Regulatory Studies Program held at Michigan State University. Each August from 2013 through 2016 and in 2019, I attended the Annual Regulatory Studies program hosted by

MSU IPU. I also attended a one-week Advanced Regulatory Studies Program in fall of 2013, 2014, and 2016, hosted by MSU IPU.

Q. Please describe your professional background.

A. Prior to coming to the MPSC, from 2000 to 2011, I was employed by Genesee Cut Stone & Marble Company. My duties there included sales, drafting, and estimating.

Q. Do you have any professional licenses?

A. Yes. I am a Certified Public Accountant, licensed by the State of Michigan.

Q. Have you prepared testimony or assisted in any other proceedings?

A. I have assisted or filed testimony in the following cases:

Case No.	Company	Subject/Type
U-16855	Consumers Energy Co. Gas	Rate Case
U-16969	SEMCO Energy Gas Company	Merger and Acquisition
U-16794	Consumers Energy Co. Electric	Rate Case
U-16999	Michigan Consolidated Gas Co.	Rate Case
U-16855	Consumers Energy Co. Gas	Self-Implementation Refund
U-17087	Consumers Energy Co. Electric	Rate Case
U-17197	Consumers Energy Co. Gas	Rate Case
U-17273	Michigan Gas Utilities Corp.	Rate Case
U-17274	Upper Peninsula Power Co.	Rate Case
U-17440	Consumers Energy Co. Electric	Self-Implementation Refund
U-17488	Northern States Power Co. Gas	Rate Case
U-16999	DTE Gas IRM	Reconciliation
U-17620	Consumers Energy Co.	OPEB Trust Funding
U-17643	Consumers Energy Co. Gas	Rate Case
U-17669	WPSC Electric	Rate Case
U-17735	Consumers Energy Co. Electric	Rate Case
U-17882	Consumers Energy Co. Gas	Rate Case
U-17999	DTE Gas Company	Rate Case
U-18014	DTE Electric Company	Rate Case
U-17990	Consumers Energy Co. Electric	Rate Case
U-18124	Consumers Energy Co. Gas	Rate Case
U-18322	Consumers Energy Co. Electric	Rate Case
U-18255	DTE Electric Company	Rate Case
U-18370	Indiana Michigan Power Co.	Rate Case

1	U-18419	DTE Electric Company	Certificate of Necessity
2	U-18424	Consumers Energy Co. Gas	Rate Case
3	U-18999	DTE Gas Company	Rate Case
4	U-20111	Upper Peninsula Power Co.	TCJA Credit A Case
5	U-20268	Alpena Power Company	TCJA Credit B Case
6	U-20134	Consumers Energy Co. Electric	Rate Case
7	U-20287	Consumers Energy Co. Gas	TCJA Credit B Case
8	U-20165	Consumers Energy Co. Electric	Integrated Resource Plan
9	U-20162	DTE Electric Company	Rate Case
10	U-20276	Upper Peninsula Power Co.	Rate Case
11	U-20322	Consumers Energy Co. Gas	Rate Case
12	U-20350	Upper Peninsula Power Co.	Integrated Resource Plan
13	U-20479	SEMCO Energy Gas Co.	Rate Case
14	U-20359	Indiana Michigan Power Co.	Rate Case
15	U-20561	DTE Electric Company	Rate Case
16	U-20642	DTE Gas Company	Rate Case
17	U-20650	Consumers Energy Co. Gas	Rate Case
18	U-20697	Consumers Energy Co. Electric	Rate Case
19	U-20713	DTE Electric Company	Voluntary Green Pricing
20	U-21015	DTE Electric Company	Securitization Case
21	U-20940	DTE Gas Company	Rate Case
22	U-20963	Consumers Energy Co. Electric	Rate Case
23	U-21090	Consumers Energy Co. Electric	Integrated Resource Plan
24	U-21148	Consumers Energy Co. Gas	Rate Case
25	U-20836	DTE Electric Company	Rate Case
26	U-20993	Saginaw Bay Pipeline Co.	Rates for Transportation
27	U-21224	Consumers Energy Co. Electric	Rate Case
28	U-21286	Upper Peninsula Power Co.	Rate Case
29	U-21193	DTE Electric Company	Integrated Resource Plan
30	U-20827	DTE Electric Company	PSCR Reconciliation
31	U-21308	Consumers Energy Co. Gas	Rate Case
32	U-21297	DTE Electric Company	Rate Case
33	U-21389	Consumers Energy Co. Electric	Rate Case
34	U-21461	Indiana Michigan Power Co.	Rate Case
35	U-21525	DTM Michigan Lateral Co.	Rate Request
36	U-21490	Consumers Energy Co. Gas	Rate Case
37	U-21291	DTE Gas Company	Rate Case
38	U-21540	Michigan Gas Utilities Corp.	Rate Case
39	U-21555	Upper Peninsula Power Co.	Rate Case
40	U-21534	DTE Electric Company	Rate Case
41	U-21585	Consumers Energy Co. Electric	Rate Case
42	U-21258	Consumers Energy Co. Electric	PSCR Reconciliation
43	U-21806	Consumers Energy Co. Gas	Rate Case
44	U-21860	DTE Electric Company	Rate Case

U-21870	Consumers Energy Co. Electric	Rate Case
U-21973	DTE Gas Company	Rate Case
U-21981	Consumers Energy Co. Gas	Rate Case

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present the MPSC Staff's (Staff) projected revenue deficiency, projected net operating income, projected Monroe regulatory asset – return on, and support the Staff recommendation for the appropriate rate of return for the proposed large load transition mechanism (LLTM) regulatory liability for DTE Electric Company (DTE Electric or the Company) in this case.

Q. Are you sponsoring any exhibits?

A. Yes. I am sponsoring the following exhibits:

Exhibits:

S-1 Schedule A-1: Projected Revenue Deficiency (Sufficiency)

S-1 Schedule A-1.2: Monroe Regulatory Asset – Return On

S-3 Schedule C-1: Projected Net Operating Income

S-3 Schedule C-1.1: Development of Projected Net Operating Income

S-3 Schedule C-14: Projected Tax Effect of Interest Allowed in Ratemaking Formula

S-3 Schedule C-15: Projected Tax Effect of Interest Synchronization Adjustment

REVENUE DEFICIENCY:

Q. Referring to Exhibit S-1, Schedule A-1, what is Staff's projected revenue deficiency?

A. Staff projects a revenue deficiency of $239,094,000, a revenue requirement decrease of $235,251,000 from the Company's originally filed revenue deficiency of $474,345,000. (Exhibit A-11, Schedule A1; Exhibit S-1, Schedule A-1, Line 11.) The main factors driving Staff's overall adjustment are Staff's lower rate base, its higher net operating income, and its lower required rate of return. In addition to my testimony, other Staff witnesses provide testimony and supporting exhibits regarding the adjustments to the Company's revenue deficiency.

MONROE REGULATORY ASSET – RETURN ON:

Q. Referring to Exhibit S-1, Schedule A1.2, what is Staff's projected Monroe regulatory asset return on?

A. Staff's projected Monroe regulatory asset return on is $152,235,000, which is $2,439,000 less than the Company's originally filed amount of $154,674,000 found on Exhibit A-11, Schedule A1.2, Line 4.

Q. Why is Staff's Monroe regulatory asset – return on $2,439,000 less than the Company's projection?

A. Staff's Monroe regulatory asset – return on is $2,439,000 less than the Company's projection because Staff applied it's 6.63% projected pre-tax cost of capital in lieu of the Company's projected pre-tax cost of capital of 6.73% for the Monroe regulatory asset – return on. Both Staff and DTE's pre-tax weighted average cost of capital applied to the Monroe regulatory asset are recalculated from the overall cost of capital using 9% ROE in accordance with the MPSC Case No. U-21193 order dated July 26, 2023. (Exhibit A-14, Schedule D1; Exhibit S-4, Schedule D1.) Staff recommends that the Monroe

regulatory asset – return on should be recalculated based upon the cost of capital decisions made by the ALJ and the Commission.

NET OPERATING INCOME:

Q. Referring to Exhibit S-3, Schedule C-1, what is Staff's projected net operating income?

A. Staff's projected net operating income is $1,394,581,000, an increase of $88,035,000 from the Company's originally filed net operating income of $1,306,547,000 found on Exhibit A-13, Schedule C1, Line 17. Details of Staff's adjustments to net operating income, including the Staff witness sponsoring and explaining each adjustment, can be found on Exhibit S-3, Schedule C-1.1.

INTEREST SYNCHRONIZATION:

Q. Please describe Exhibit S-3, Schedule C-14.

A. Exhibit S-3, Schedule C-14, shows the calculation of the projected tax effect of interest allowed in ratemaking formula for the projected yest year and the corresponding change in income tax.

Q. Please describe Exhibit S-3, Schedule C-15.

A. Exhibit S-3, Schedule C-15, shows the calculation of the projected tax effect of interest synchronization adjustment for the projected test year.

RATE OF RETURN ON LLTM REGULATORY LIABILITY:

Q. Please describe the large load transition mechanism (LLTM) regulatory liability proposed by DTE in the instant case.

A. The Company has included lower sales revenue in the instant case than is likely to occur due to the difficulty in projecting new large load in the projected test year associated with

new Oracle and Google data centers. DTE witness Foley, page 12-13 states:

> The company proposes to provide the benefit of any Oracle America Cloud Services (OACS) Excess Margin in the forward test year to its customers. To do so, the Company is proposing to establish a Large Load Transition Mechanism (LLTM). The purpose of the proposed LLTM is to calculate any OACS Excess Margin during the forward test year, record that amount as a regulatory liability, and pass the benefit back to the Company's other customers through a future filing. As described by Company Witness Bruzzano, such a filing will be made once the timing of OACS' load ramp becomes clearer and the magnitude of any regulatory liability can be projected with greater certainty, but no later than June 1, 2028.

Q. What is the appropriate rate of return that should be applied to the regulatory liability to accrue interest for the benefit of ratepayers?

A. Because the Company has voluntarily chosen to include sales revenue in the projected test year lower than what is anticipated to occur, if the Commission chooses to approve the LLTM, it is appropriate for ratepayers to accrue the authorized overall cost of capital as a rate of return on the LLTM regulatory liability.

Q. Are there other reasonable rates the Commission may consider?

A. Yes. A rate as high as the authorized return on equity could be applied similar to what is approved for over-collections in power supply cost recovery reconciliation (PSCR) cases. Alternately, a rate as low as the authorized short-term debt rate could be applied. Staff submits that the authorized overall cost of capital is appropriate and is reasonable.

Q. Are other Staff sponsoring testimony on the LLTM and the OACS excess margin?

A. Yes. Staff witness Stosik presents Staff testimony on the remainder of the LLTM and OACS excess margin issues.

SUMMARY:

Q. Please summarize Staff's recommendations.

A. Staff recommends the following:

- Projected revenue deficiency of $239,094,000.
- Projected net operating income of $1,394,581,000.
- Monroe regulatory asset – return on of $152,235,000 but Staff recommends that the amount should be recalculated based upon the cost of capital decisions made by the ALJ and the Commission.
- If the Commission chooses to approve the LLTM, the ALJ and the Commission should approve the LLTM regulatory liability to accrue interest at the authorized overall cost of capital.

Q. Does this conclude your testimony?

A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

MARK J. PUNG

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Mark J. Pung. My business address is 7109 West Saginaw Highway, Lansing, Michigan 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission (MPSC or Commission) as a Departmental Specialist in the Rates and Tariff Section of the Regulated Energy Division. I serve as the section's Electric Cost of Service Specialist.

Q. Please briefly describe your educational background.

A. I graduated from Michigan State University in 2004 with a Bachelor of Arts degree in Supply Chain Management.

Q. Have you completed any other courses?

A. Yes, I have completed two graduate courses at Central Michigan University's Lansing campus, Quantitative Applications in Administrative Decision Making and Financial Management. I have also completed the Association of Edison Illuminating Company's Fundamentals of Customer Load Data Analysis course, the National Association of Regulatory Utility Commissioners (NARUC) Annual Regulatory Studies Program held at Michigan State University, and EUCI Electric Cost-of-Service Course - Essential Concepts for a Changing Industry.

Q. What are your current responsibilities at the MPSC?

A. As the Electric Cost of Service Specialist, I am responsible for developing Staff electric cost of service studies, interpreting and applying laws related to electric cost-of-service, and any other electric cost-of-service-related issues in cases before the Commission

under the supervision of the Rates and Tariff Section Manager.

Q. Have you previously presented testimony or participated in utility cases before the MPSC?

A. Yes. I have participated in the following cases:

Case No.	Utility	Description
U-14270-R	Presque Isle, Cherryland, Tri-County, and Great Lakes	PSCR Reconciliation
U-14637	Presque Isle Electric and Gas Cooperative	Rate Design
U-14710-R	Presque Isle, Cherryland, Tri-County, and Great Lakes	PSCR Reconciliation & TIER Audit
U-14713-R	Ontonagon County REA	Rate Design
U-14745	Upper Peninsula Power Company	Rate Design
U-14790	Great Lakes Energy Cooperative	Rate Design
U-14893	SEMCO Energy Gas Company	Rate Design
U-15071	Wisconsin Electric Power Company	Rate Design
U-15114	Wisconsin Public Service Corp.	Ex parte of new rate
U-15244	DTE Electric Company	Rate Design
U-15245	Consumers Energy Company	Rate Design
U-15487	Alpena Power Company	Ex parte of new rate
U-15500	Wisconsin Electric Power Company	Rate Design
U-15645	Consumers Energy Company	Rate Design
U-15981	Wisconsin Electric Power Company	Rate Design
U-15988	Upper Peninsula Power Company	Rate Design
U-16180	Indiana Michigan Power Company	Rate Design
U-16472	DTE Electric Company	Rate Design
U-16794	Consumers Energy Company	Rate Design
U-16860	Consumers Energy Company	Revenue Decoupling
U-16877	Michigan Consolidated Gas Company	Revenue Decoupling
U-17043	Consumers Energy Company	VHWF
U-17087	Consumers Energy Company	Rate Design
U-17221	Michigan Gas Utilities Corporation	Revenue Decoupling
U-17222	Michigan Gas Utilities Corporation	Un-collectables
U-17479	Tilden Mining Company	RAS-1 Tariff
U-17530	DTE Michigan Gathering Company	Ex parte of new rate
U-17547	Michigan Gas Utilities Corporation	Revenue Decoupling
U-17686	Michigan Gas Utilities Corporation	Tariff Revisions
U-17688	Consumers Energy Company	Act 169 Case
U-17735	Consumers Energy Company	Rate Design
U-17895	Upper Peninsula Power Company	Rate Design

Case No.	Utility	Description
U-17990	Consumers Energy Company	Rate Design
U-18255	DTE Electric Company	Rate Design
U-18462	Northern States Power Company	Rate Design
U-20101	Alpena Power Company	TCJA Credit A
U-20108	Northern States Power Company	TCJA Credit A
U-20110	Upper Michigan Energy Resource Corp.	TCJA Credit A
U-20111	Upper Peninsula Power Company	TCJA Credit A
U-20162	DTE Electric Company	Rate Design
U-20359	Indiana Michigan Power Company	Rate Design
U-20697	Consumers Energy Company	Rate Design
U-21045	Alpena Power Company	Rate Design
U-21097	Northern States Power Company	Rate Design
U-20836	DTE Electric Company	Rate Design
U-21224	Consumers Energy Company	Cost of Service
U-21297	DTE Electric Company	Cost of Service
U-21389	Consumers Energy Company	Cost of Service
U-21488	Alpena Power Company	Cost of Service
U-21534	DTE Electric Company	Cost of Service
U-21541	Upper Michigan Energy Resource Corp.	Cost of Service
U-21860	DTE Electric Company	Cost of Service
U-21870	Consumers Energy Company	Cost of Service
U-21986	Indiana Michigan Power Company	Large Tariff
U-22061	DTE Electric Company	Large Tariff

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present MPSC Staff's (Staff) class cost-of-service study (COSS), which allocates Staff's recommended test-year revenue requirements to DTE Energy's (the Company) customer classes. I will also cover the following: 1) Staff's State Reliability Mechanism (SRM) capacity cost revenue requirement and Capacity Charge, 2) The Company's Energy Market Sales Forecast calculation, 3) Staff's recommended customer charges, 4) The standard FERC coincident-peak tests performed by the Company, 5) Compliance with the Commission Order in U-21990 concerning a proposed large load administrative fee.

Q. Are you sponsoring any exhibits?

A. Yes, I am sponsoring the following exhibits:

Exhibits:

S-6, Schedule F1.1, "Staff's Cost of Service Study, Production by Customer Class"

S-6, Schedule F1.2, "Staff's Cost of Service Study, Distribution by Voltage Class"

S-6, Schedule F1.4, "Staff's Customer Charges by Voltage Class"

S-6, Schedule F1.5, "Staff's Capacity Charge Revenue Requirement by Customer Class / SRM Capacity Charge"

S-33.1, "WP-SDB-1: Projected 2027 Energy Sales Revenue"

Q. Were these exhibits prepared by you or under your direction?

A. Yes, they were.

Q. How has Staff modified the Company's test year COSS?

A. Where Staff is recommending adjustments, Staff has replaced the Company's inputs with

Staff's inputs so that the resulting COSS shows Staff's proposed revenue requirement.

Q. How are the results of Staff's COSS incorporated into Staff's case?

A. Staff witness Nancy Rademacher utilized the results of Staff's COSS and has designed rates to collect the appropriate amount of revenue for each customer class.

1. SRM Capacity Revenue Requirement and Charge

Q. Does the Company's SRM capacity revenue requirement calculation comply with the Commission Order in the Company's previous case, Case No. U-21860?

A. Yes, it does. The February 19, 2026, Commission Order in Case No. U-21860 states on page 439:

> "As to the true-up mechanism, the Commission finds Energy Michigan's extensive testimony on this issue both informative and persuasive. See, 5 Tr 3885-3918; see also, Exhibits EM-2 through EM-7. Thus, the Commission is persuaded by Energy Michigan's and the Staff's positions that the true-up mechanism pursuant to MCL 460.6w(4) is flawed in terms of the reconciliations and the inability to apply the reconciled amounts to the subsequent years' SRM capacity charge because of the timing issue presented by rate case and reconciliation proceedings. The Commission agrees with the ALJ that the current true-up methodology should be discontinued."

The Company has included an SRM Capacity Charge calculation in this case that does not include a formulaic true-up which complies with the Commission Order.

Q. What is Staff's recommended SRM capacity revenue requirement and capacity charge?

A. Staff's capacity revenue requirement and charge calculation is provided in Staff Exhibit S-6, Schedule F1.5. The table below compares Staff's SRM capacity revenue requirement and corresponding charge with the Company's:

SRM Capacity: (000)	Company Filed	Staff's Case	Difference
Revenue Requirement	$1,196,886	$1,103,419	($93,466)
Capacity Charge per MW-Year	$91,906	$84,729	($7,177)
Capacity Charge per MW-Day	$251.80	$232.13	($19.66)

2. Energy Market Sales Forecast

Q. Did the Commission order the Company to provide a more detailed calculation of its Energy Market Sales Forecast displayed on Company Exhibit A-26, Schedule P3, line 11 in this case?

A. Yes, the February 19, 2026, Commission Order in Case No. U-21860 states on page 438:

> "Having reviewed the record and the PFD on this issue, the Commission finds the majority of the ALJ's recommendations to be well-reasoned and supported by the record in this case. First, the Commission notes that the company agreed with the Staff's request for the company to provide in its next rate case the data that it uses to develop its energy market sales forecast including a calculation of its forecast in excel format with the formulas intact. DTE Electric's initial brief, p. 224. Therefore, the Commission directs DTE Electric to provide, in its next rate case, all data that it uses to develop its energy market sales forecast including a calculation of its forecast in excel format with all formulas intact."

Q. Has the Company complied with the Commission's Order?

A. Not in its original filing. Staff was unable to locate the ordered calculation in the Company's original filing. However, the Company has supplied a calculation in response to Staff audit request MJP-2. The calculation was included in the response as Company workpaper WP-SDB-1 which breaks down the Company's forecast by energy revenue values for each Company resource. Staff has included the Company's WP-SDB-1 in its

filing as Exhibit S-33.1, "Projected 2027 Energy Sales Revenue." Staff again, recommends that the Commission order the Company to provide a detailed calculation of its energy market sales forecast in excel format with all formulas intact in its next general rate case, but to add language that it must be included as part of the Company's initial filing.

3. Customer Charge

Q. Is the Company proposing to use the same customer charge method ordered by the Commission in MPSC Case No. U-21860?

A. Yes. The Company's customer charge calculation as shown in Exhibit A-16, Schedule F1.4, is consistent with Staff's methodology ordered by the Commission in U-21860.

Q. Please describe Staff's methodology for calculating the customer charges.

A. According to Staff's method for calculating the customer charges, costs that are appropriate to include in the customer charge include expenses incurred from customer installs, meters, customer accounts (including uncollectible accounts), customer services and information (excluding sales expenses), depreciation and amortization expense corresponding to meters, services and customer installs in rate base, return on meters, services and customer installs in the rate base less accumulated depreciation, and property tax on meters and services in rate base. The customer charge is then derived by dividing the appropriate cost for each rate by the number of customers taking service under that rate and then dividing by twelve for the number of months in a year.

Q. Is the Company proposing any changes to the residential customer charge in this

case?

A. No, it is not. The Company's calculation for the residential customer charge was $7.81 which is below the currently approved residential customer charge of $8.50 per month.

Q. Is Staff proposing any changes to the residential customer charge?

A. No. Staff's cost-of-service study results in a residential customer charge of $7.54 per customer per month. The current residential customer charge is $8.50 per month. Based on Staff's results using the Commission approved customer charge method, no changes are necessary to the residential customer charge at this time.

Q. Is the Company proposing any changes to the customer charge for any other customer classes?

A. No, it is not.

4. Coincident Peak Tests

Q. Has the Company Complied with the Commission Order in Case No. U-21860 to provide the standard FERC coincident-peak tests and provide analysis of how it views seasonal and monthly loads growing in the future?

A. Yes, the Company has provided the three standard FERC coincident-peak tests using data from the most recent five-year period from 2021 to 2025 and expounded on how it views potential load growth affecting the production plant allocator in the future. For each of the three tests, the Company cites FERC benchmarks for determining the appropriateness of using a 12 CP production plant allocator and then shows that these benchmarks are not currently met. Included as part of its analysis, the Company performed sensitivity

analysis using load increase scenarios where it added 3,000 MW uniformly above the Company's monthly demand and also 3,000 MW during the winter months. The Company states that under both scenarios, all three coincident-peak tests remain outside of the 12 CP benchmarks.

Q. What do the results of the standard FERC coincident peak tests indicate?

A. Staff has reviewed the Company's calculations and results of the standard FERC coincident peak tests and agrees with the Company that use of the 4 coincident peak (CP) production plant allocator is supported by the results at this time.

Q. What does Staff recommend concerning the standard FERC coincident peak tests in future rate cases?

A. Staff recommends that the Commission require the Company to continue performing these three standard FERC coincident-peak tests and providing its analysis of the results. This will enable the Commission to continually monitor the appropriateness of the production plant allocator as loads continue to grow, shift and change. Therefore, Staff recommends the Commission require the Company to again provide these tests in its next general rate case.

5. Large Load Administrative Fee

Q. Did the Commission order the Company to provide a proposed large load customer administrative fee in this case?

A. Yes. The Commission stated in its December 18, 2026, Order in Case No. U-21990:

> "As part of its next general rate case, DTE Electric shall also file a proposed administrative fee to be charged to potential additional data centers and other

large loads to ensure the costs associated with any interconnection or other studies performed for these potential customers are not absorbed by existing customers."

Q. Has the Company complied with the Commission Order?

A. Yes. Company witness Foley addresses the proposed administrative fee in this case and points back to its Large Load Provision tariff Case No. U-22061 where it was necessary for the Company to propose a fee. Since Case No. U-22061 was filed before this instant case, it was not fully repeated in this filing.

Summary

Q. Please summarize your recommendations in this proceeding.

A. Staff's recommendations are as follows:

1. The Company's SRM revenue requirement and charge calculation complies with the Commission Order in Case No. U-21860.

2. The Commission should again order the Company to provide a detailed calculation of its energy market sales forecast in excel format with all formulas intact, but add language that it must be included as part of the Company's initial filing.

3. Staff recommends no change to the current $8.50 customer charge. Staff's calculation of the residential customer charge using the approved customer charge method results in a charge of $7.54 per month.

4. Staff recommends the Company continue to run and present the standard FERC coincident-peak tests and provide its analysis in its next rate case.

5. The Company has complied with the Commission Order in Case No. 21990 to propose a large load administrative fee in this case by pointing back to its proposal in Case No. U-

22061 which was filed before the instant case.

Q. Does this conclude your testimony?

A. Yes, it does.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

CHARLES E. PUTNAM, CPA

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Charles E. Putnam. My business address is 7109 W. Saginaw Highway, Lansing, MI 48917.

Q. By whom are you currently employed and in what capacity?

A. I am employed as an Auditing Specialist with the Michigan Public Service Commission (Commission or MPSC) in the Revenue Requirements Section of the Regulated Energy Division.

Q. How long have you been employed by the MPSC and what are your duties?

A. I joined the MPSC in 2006 as a Department Analyst in the Rates and Tariffs Section. My primary responsibilities involved cost of service studies for electric utilities. In April 2018, I joined the Revenue Requirements Section as an Auditing Specialist.

Q. Please describe your educational background and work experience.

A. I graduated from Davenport University, with distinction, in 2018 with a Master of Accountancy degree. I received a Bachelor of Science degree from Michigan State University in Physiology in 1981 and an Associate degree in Accounting from Lansing Community College in 1983. Prior to joining the MPSC I was a Corporate Tax Accountant for Dart Container Corporation from 1984 to 1992. I left Dart Container to take a Senior Accountant position with the City of Lansing. After leaving the City of Lansing in 1993, I served for 12 years as the Controller for Universal Map Enterprises. I am also an adjunct accounting professor with Lansing Community College and have over thirty years of teaching experience.

Q. Do you have any professional licenses?

A. Yes, I am a Certified Public Accountant, licensed by the State of Michigan.

Q. Have you previously presented testimony or been involved in proceedings before the Commission?

A. Yes, I have been involved in the following proceedings:

Case Number	Company	Description
U-21448	Alpena Power	Taxes
U-21045	Alpena Power	Employee Benefit
U-21981	Consumers Gas	Taxes
U-21806	Consumers Gas	Taxes
U-21490	Consumers Gas	Taxes
U-21308	Consumers Gas	Taxes
U-21148	Consumers Gas	Taxes
U-16855	Consumers Gas	Cost of Service Study
U-16418	Consumers Gas	Cost of Service Study
U-21870	Consumers Energy	Taxes & DOE Order
U-21585	Consumers Energy	Taxes
U-21389	Consumers Energy	Taxes
U-21224	Consumers Energy	Taxes
U-20963	Consumers Energy	Taxes & Accounting Request
U-20889	Consumers Energy	Securitization
U-20697	Consumers Energy	Accounting Request
U-20309	Consumers Energy	TCJA Calculation C
U-20286	Consumers Energy	TCJA Credit B
U-20134	Consumers Energy	Accounting Request
U-18322	Consumers Energy	Cost of Service Study
U-17990	Consumers Energy	Cost of Service Study
U-17735	Consumers Energy	Cost of Service Study
U-17473	Consumers Energy	Securitization
U-17688	Consumers Energy	Cost of Service Study
U-17087	Consumers Energy	Cost of Service Study
U-16794	Consumers Energy	Cost of Service Study
U-16191	Consumers Energy	Cost of Service Study
U-15645	Consumers Energy	Cost of Service Study
U-15245	Consumers Energy	Cost of Service Study
U-18255	Detroit Edison	Cost of Service Study
U-18014	Detroit Edison	Cost of Service Study
U-17767	Detroit Edison	Cost of Service Study
U-17689	Detroit Edison	Cost of Service Study
U-16472	Detroit Edison	Cost of Service Study
U-15768	Detroit Edison	Cost of Service Study

1	U-15244	Detroit Edison	Cost of Service Study
2	U-21984	Detroit Thermal	Taxes
3	U-21194	Detroit Thermal	Transfer of Control
4	U-21248	DTE-Gas	TCJA ADIT
5	U-21291	DTE-Gas	Taxes and SADM
6	U-20940	DTE-Gas	Accounting Request
7	U-20642	DTE-Gas	Capital Usage Charge
8	U-20298	DTE-Gas	TCJA Calculation C
9	U-20189	DTE-Gas	TCJA Credit B
10	U-21860	DTE-Electric	Taxes
11	U-21534	DTE-Electric	Taxes
12	U-21338	DTE-Electric	Securitization
13	U-21307	DTE-Electric	TRM Reconciliation
14	U-21297	DTE-Electric	Taxes
15	U-21015	DTE-Electric	Securitization
16	U-20987	DTE-Electric	TRM Reconciliation
17	U-20836	DTE-Electric	Taxes
18	U-20711	DTE-Electric	TRM Reconciliation
19	U-20364	DTE-Electric	TRM Reconciliation
20	U-20284	DTE-Electric	TCJA Credit B
21	U-21461	Indiana Michigan	Taxes
22	U-21377	Indiana Michigan	CON: Production Tax Credits
23	U-20359	Indiana Michigan	Accounting Request
24	U-17698	Indiana Michigan	Cost of Service Study
25	U-21540	Michigan Gas	Taxes
26	U-21366	Michigan Gas	Taxes
27	U-20718	Michigan Gas	Employee Benefits
28	U-20310	Michigan Gas	TCJA Calculation C
29	U-20181	Michigan Gas	TCJA Credit B
30	U-16426-R	Midwest	Cost of Service Study
31	U-21903	Northern States Gas	Taxes
32	U-21226	Northern States Gas	Taxes
33	U-20312	Northern States Gas	TCJA Calculation C
34	U-20186	Northern States Gas	TCJA Credit B
35	U-21565	Northern States Electric	Taxes
36	U-21097	Northern States Electric	Employee Benefits
37	U-20313	Northern States Electric	TCJA Calculation C
38	U-20185	Northern States Electric	TCJA Credit B
39	U-18462	Northern States Electric	Cost of Service Study
40	U-18383	PA 341 and PA 342	Cost of Service
41	U-20479	SEMCO	ADIT and Cost Allocations
42	U-20311	SEMCO	TCJA Calculation C
43	U-20182	SEMCO	TCJA Credit B
44	U-14893	SEMCO	Audit Taxes and Other Revenue

U-15413-R	Tri-County	Rate Design
U-15064-R	Tri-County	Audit/TIER/PSCR/Rate Design
U-14701-R	Tri-County	Audit/TIER/PSCR/Rate Design
U-14270-R	Tri-County	Audit/TIER/PSCR
U-21541	Upper Michigan Energy	Taxes
U-20314	Upper Michigan Energy	TCJA Calculation C
U-20183	Upper Michigan Energy	TCJA Credit B
U-21555	Upper Peninsula Power	Taxes
U-21286	Upper Peninsula Power	Taxes
U-20995	Upper Peninsula Power	Transfer of Control
U-20184	Upper Peninsula Power	TCJA Credit B
U-17895	Upper Peninsula Power	Cost of Service Study
U-17274	Upper Peninsula Power	Cost of Service Study
U-16417	Upper Peninsula Power	Cost of Service Study
U-16166	Upper Peninsula Power	Rate Design
U-15988	Upper Peninsula Power	Cost of Service Study
U-16830	Wisconsin Electric	Cost of Service Study
U-15981	Wisconsin Electric	Cost of Service Study
U-15500	Wisconsin Electric	Cost of Service Study
U-15071	Wisconsin Electric	Cost of Service Study
U-17669	Wisconsin Public Service	Cost of Service Study
U-17710	Xcel NSPW	Cost of Service Study
U-16475	Xcel NSPW	Cost of Service Study

Q. What is the purpose of your testimony in this proceeding?

A. In my testimony I will respond to three of DTE Electric Company's (Company) proposals. The first proposal is the adjustment of the amortization period for the Transportation Electrification Plan (TEP) Regulatory Asset. The second is net proceeds from the Investment Tax Credit (ITC) sale related to battery storage be amortized over a four-year period. The third is implementation of a two-way tracker to eliminate the impact of ITCs varying from the amount approved in base rates.

Q. Are you sponsoring any exhibits in this case?

A. No, I am not.

Q. Why is the Company proposing a change in the amortization of the TEP Regulatory Asset

from five years to ten years?

A. In its February 2026 Order in Case No. U-21860, the Commission directed the Company to propose an amortization schedule that reflected the true useful life of EV charging equipment. (Kabashi Direct, p 48, lines 17 – 19). The Company determined that a ten-year amortization aligns with the true useful life. (Uzenski Direct, p 41, lines 9 – 12).

Q. Does Staff recommend approval of the Company's proposal?

A. Yes. Staff accepts that a ten-year amortization schedule is reasonable for the TEP Regulatory Asset.

Q. Why is the Company proposing net proceeds from the ITC sale related to battery storage be amortized over a four-year period?

A. A four-year amortization period will give customers the benefit of ITCs by lowering tax expense and therefore lowering the revenue requirement. Meanwhile the Company can invest in new assets to replace the generation capacity at the Monroe Power Plant which is scheduled to retire in 2032. (Uzenski Direct, p 46, lines 16 – 19).

Q. Does Staff recommend approval of the Company's proposal?

A. Yes. In its February 2026 Order in Case No. U-21860, the Commission found that the Company's request to defer to a regulatory liability ITCs expected to be earned with respect to the Trenton Channel Battery storage asset went unopposed. As such, the Commission authorized the request. (February 2026 Order; page 425). The Commission has authorized regulatory liability treatment for these ITCs and Staff concurs that a four-year amortization period is reasonable.

Q. Why is the Company proposing a two-way tracker for battery storage-related ITCs?

A. The value of ITCs depends on a number of variables. If these variables are not estimated accurately, the ITC benefit reflected in rates would differ from the actual ITC benefit. The two-way tracker would eliminate the impact of estimation variances for customers and for the Company. (Uzenski Direct, p 47, lines 7 – 11).

Q. How does the Company describe the steps involved in the proposed tracker?

A. The Commission has already granted regulatory liability treatment for battery-storage related ITCs. The Company proposes the amortization of the regulatory liability would equal the amount approved in base rates. The actual proceeds from the sale of ITCs will likely differ from the estimated amount that will be reflected in base rates. This would lead to a positive or negative unamortized amount. The unamortized amount would be carried on the balance sheet as an Other Regulatory Asset or Other Regulatory Liability to defer the difference between tax credit amortization based on actual proceeds and the amount approved in rates. Any unamortized amount would be amortized in a future rate case. (Uzenski Direct, p 47, lines 13 – 20).

Q. Does Staff recommend approval of the Company's proposal?

A. Yes, the Company estimates a regulatory liability from net ITCs related to battery storage of $437.9 million. (Wisniewski Direct, p 19, line 18). An inaccurate estimate could lead to a material positive or negative unamortized regulatory liability. A two-way tracker would protect both customers and the Company from the impact of an inaccurate estimate.

Q. What recommendations does Staff have for the Commission?

A. Staff recommends that the Commission authorize a ten-year amortization period for the

TEP Regulatory Asset, authorize a four-year amortization period for battery storage-related ITCs, and authorize a two-way tracker for the amortization of battery storage-related ITCs with regulatory accounting treatment for any unamortized amount.

Q. Does this conclude your testimony?

A. Yes, it does.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

NANCY C. RADEMACHER

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Nancy C. Rademacher. My business address is 7109 West Saginaw Hwy, Lansing, Michigan 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission (MPSC or Commission) as a Departmental Analyst for the Rates and Tariff Section of the Regulated Energy Division.

Q. Please describe your educational background.

A. In 1995, I completed my Bachelor of Science in Mathematics with a minor in Economics from Grand Valley State University.

Q. What are your current responsibilities at the MPSC?

A. As an analyst, I participate in rate and tariff amendment cases under the direct supervision of the Rates and Tariff Manager. I am also responsible for updating the gas and electric bill comparison spreadsheets for the MPSC website and assisting my section with various other tasks.

Q. Have you attended any seminars or other training courses relating to your current role?

A. Yes. In August 2023, I participated in Michigan State University's Institute of Public Utilities Annual Regulatory Studies Program Fundamentals Course. In October 2023, I participated in EUCI's Electric Utilities 101. In December 2023, I participated in EUCI's Natural Gas Utilities 101. In December 2024, I participated in EUCI's Advanced Rate Design for Cost Effective Tariffs. In May 2026, I participated in New Mexico State University's Center for Public Utilities course titled The Basics Practical Regulatory Training for the Electric Industry.

Q. Have you previously presented testimony or participated in utility cases before the MPSC?

A. Yes. I have assisted or filed testimony in the following cases:

Case Number	Company	Type of Case
U-21490	Consumers Energy Company	Gas Rate Design
U-21806	Consumers Energy Company	Gas Rate Design
U-21981	Consumers Energy Company	Gas Rate Design

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present MPSC Staff's (Staff's) position on present revenue, electric rate design, Oracle American Cloud Services LLC (OACS) Excess Margin calculation, and rate case communication.

Q. Does your testimony include Staff's lighting rate design?

A. No, while I am testifying to electric rate design, Staff's lighting rate design will be sponsored by Staff witness David W. Isakson.

Q. Are you sponsoring any exhibits in this proceeding?

A. Yes, I am sponsoring the following exhibits:

Exhibit	Schedule	Title
S-3	C3	STAFF Projected Operating Revenues
S-3	C4	STAFF Projected Calculation of Power Supply Expenses
S-6	F2	STAFF Summary of Present and Proposed Revenue
S-6	F3	STAFF Present and Proposed Revenue Detail
S-6	F4	STAFF Comparison of Present and Proposed Monthly Bills
S-7.1		Discovery Response STDE-7.10c
S-7.2		DTE Electric Company Bill Impact Communication
S-7.3		Discovery Response STDE-25.2

Q. Were these exhibits prepared by you or under your supervision?

A. Yes, they were.

Q. How is your testimony structured?

A. My testimony is structured as follows:

1. Present Revenue
2. Electric Rate Design
3. OACS Excess Margin Calculation
4. Rate Case Communication
5. Summary

1. Present Revenue

Q. What does Staff recommend for present revenue?

A. Staff recommends a present revenue of $6,116,929,000 versus DTE Electric Company's (the Company's) $6,101,635,000 as found in Staff Exhibit S-3, Schedule C3. A higher present revenue has the effect of lowering the revenue deficiency. Details of Staff's present and proposed sales revenues can be found in Staff Exhibit S-6, Schedule F2.

Q. What adjustment does Staff make to the Company's filed present revenue?

A. Staff made an adjustment to the sales forecast which differs from the Company's forecast as sponsored by Staff witness Paul R. Ausum. Staff's sales adjustment results in an increase to present revenue of $13,910,782. The PSCR portion of the adjustment is $2,495,256, which necessitates an equivalent increase in PSCR expense as shown in Staff Exhibit S-3, Schedule C4. The increased expense has the effect of offsetting the revenue increase, so that the total impact of Staff witness Ausum's sales forecast on present revenue is $11,415,526.

2. Electric Rate Design

Q. What is the total impact of all of Staff's recommendations in this case on rates?

A. Incorporating all of Staff's recommendations, from individual account adjustment to its recommended rate of return, results in an overall increase of 3.8% over present rates. Further detail on the exact impacts of Staff's recommended rates on customer bills can be found in Staff Exhibit S-6, Schedule F4.

Q. What is the impact of Staff's revenue requirement, cost of service study (COSS), and rate design on residential rates?

A. Staff's electric rate design results in an overall increase of 5.3% over present residential rates.

Q.. What is the impact of Staff's revenue requirement, COSS, rate design, and surcharges on general service secondary rates?

A. Staff's electric rate design results in an overall increase of 1.6% to general service secondary rates.

Q. What is the impact of Staff's revenue requirement, COSS, rate design, and surcharges on primary rates?

A. Staff's electric rate design results in an overall rate increase of 2.7% to primary rates.

Q. Did Staff calculate new charges for the Company's proposed Investment Recovery Mechanism or Nuclear Surcharge?

A. No. Rather than calculate new surcharges in the direct filing, Staff recommends the Commission ensure that final surcharges recover the relevant revenue requirements

approved in its final order.

3. OACS Excess Margin Calculation

Q. Does Staff agree with the how the Company proposes to calculate the OACS Excess Margin?

A. No, Staff does not agree with how the Company's defines Substation Cost as it pertains to the OACS Excess Margin formula.

Q. How does the Company define Substation Cost?

A. The Company defines this as "Substation Cost equals the revenue requirement during the forward test year for the substation that the Company is building at OACS' site."[1]

Q. What changes to the definition of Substation Cost does Staff propose?

A. Staff proposes the following definition: Substation Cost equals the revenue requirement in excess of $40 million during the forward test year for the substation that the Company is building at OACS' site.

Q. Why did Staff propose that only the revenue requirement in excess of $40 million be included in the revenue requirement of the substation?

A. Staff proposes this to account for the $40 million non-refundable deposit the Company received from OACS toward the cost of the substation.[2]

[1] Direct testimony of Company witness Foley, page 14, lines 5-6.
[2] Exhibit No. S-7.1

4. **Rate Case Communication**

Q. Does Staff agree that the Company communicated the customer bill impacts for both residential and commercial customers as required in Case No. U-21637?

A. Staff does not disagree that the Company provided communication, as required in Case No. U-21637. However, Staff does not agree with the language the Company used to describe the proposed rate impact to both residential and commercial customers. The Company's communication to customers stated, "On April 28, 2026, DTE Electric filed an investment request with the Michigan Public Service Commission."[3] Staff does not agree with characterizing this request as an investment request. Staff recommends the Company revise its communication to customers to state that this is a rate increase request to be consistent with the Company's application where the Company requested the authority to increase rates in this instant case.[4] This would more clearly reflect the impact on rates and bills for both residential and commercial customers if this request is approved by the Commission.

Q. Does Staff have any other suggestions regarding how the Company could improve the communication of the bill impact to DTE customers?

A. Yes, Staff learned through discovery that the Company rounded the average commercial bill impact to 5% from the calculated 4.97% increase.[5] Staff recommends that, for consistency purposes, the impact to residential and commercial customers be shown to two decimal places. Staff also recommends that the homepage of the DTE Mobile App be

[3] Exhibit No. S-7.2
[4] Application, p. 1.
[5] Exhibit No. S-7.3

updated to include communication of the rate increase to logged-in customers. Currently when a customer who is logged in opens the DTE App there is no communication displayed showing the Company has filed a request for a rate increase.[6] This notification could be prominently displayed as a banner at the top of the screen, as shown in p. 6 of Exhibit S-7.2.

5. Summary

Q. Please summarize your positions and recommendations in your direct testimony.

A. My positions and recommendations are as follows:

1. Staff recommends that the Commission approve Staff's present revenue of $6,116,929,000 including Staff's sales adjustment.

2. Staff recommends that the Commission approve Staff's electric rate design.

3. Staff recommends the Commission approve Staff's definition of Substation Cost in the OACS Excess Margin Calculation to state: Substation Cost equals the revenue requirement in excess of $40 million during the forward test year for the substation that the Company is building at OACS' site.

4. Staff recommends that the Company revise its U-21637 related communication with customers to state that the bill impact is due to a request by the Company to increase rates, and that the percent of the bill impact be displayed to two decimal places for both residential and commercial customers.

5. Staff recommends the homepage of the DTE App be updated to notify logged-in

[6] Exhibit S-7.2, p. 6.

customers of the pending rate increase.

Q. Does this conclude your testimony?

A. Yes, it does.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

SHANNON RUECKERT

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Shannon Rueckert. My business address is 7109 W. Saginaw Hwy, Lansing, MI 48917.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission (MPSC or Commission) as an auditor in the Revenue Requirements section.

Q. How long have you been employed by the Commission?

A. I have been employed since February of 2018.

Q. What is your educational and professional background?

A. I previously served in the US Air Force as a Fuels Resource Controller, responsible for controlling base wide fuels operations and accounting. My duties included daily close out and reconciliation of all fuel transactions. After serving in the Air Force, I managed a family business. While general manager of the business I performed all managerial accounting functions. In 2015, I graduated from the University of Michigan with a Bachelor of Business Administration and a concentration in accounting degree with High Honors. I was previously employed at Andrew's Hooper Pavlik, PLC as a staff accountant where I performed tax preparation and audits of municipalities, retirement plans, and banks. In April of 2019, I completed the Master of Business Administration program, with a concentration in accounting, at the University of Michigan. I have been involved in rate case audits and performed audit work in the following cases:

Case No.	Company / Type of Case
U-20276	Upper Peninsula Power Company Electric Rate Case
U-20286	Consumers Energy Company's Tax Cuts and Jobs Act (TCJA) Credit B

U-20322	Consumers Energy Gas Rate Case
U-20359	Indiana Michigan Company Electric Rate Case
U-20642	DTE Gas Rate Case
U-20650	Consumers Energy Gas Rate Case
U-20697	Consumers Energy Electric Rate Case
U-20836	DTE Electric Rate Case
U-20940	DTE Gas Rate Case
U-20963	Consumers Energy Gas Rate Case
U-20995	UPPCo Transfer of Control Case
U-21045	Alpena Electric Company Rate Case
U-21097	NSP Electric Company Rate Case
U-21148	Consumers Energy Electric Rate Case
U-21194	Detroit Thermal Transfer of Control Case
U-20836	DTE Electric Rate Case
U-21224	Consumers Energy Electric Rate Case
U-21286	Upper Peninsula Power Company Electric Rate Case
U-21297	DTE Electric Rate Case
U-21308	Consumers Energy Gas Rate Case
U-21366	Michigan Gas Utilities Rate Case
U-21389	Consumers Energy Electric Rate Case
U-21461	Indiana Michigan Company Electric Rate Case
U-21490	Consumers Energy Gas Rate Case
U-21291	DTE Gas Rate Case
U-21540	Michigan Gas Utilities Rate Case
U-21555	Upper Peninsula Power Company Electric Rate Case
U-21534	DTE Electric Rate Case
U-21585	Consumers Energy Electric Rate Case
U-21806	Consumers Energy Gas Rate Case
U-21860	DTE Electric Rate Case
U-21870	Consumers Energy Electric Rate Case
U-21903	NSP Gas Company Rate Case
U-21973	DTE Gas Rate Case
U-21981	Consumers Energy Gas Rate Case
U-21984	Detroit Thermal Rate Case
U-22002	SEMCO Energy Gas Company Rate Case

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present Staff's adjustment to Operations & Maintenance (O&M) Inflation and Account 926, Employee Benefits, Expenses.

Q. Are you sponsoring exhibits?

A. Yes. I am sponsoring the following exhibits.

Exhibit, Title

S-30.1 Projected O&M Inflation and Account 926 Expenses for the Projected Test-Period Ending February 29, 2028

S-30.2 Projected Operation and Maintenance Inflation Summary for the Projected Test-Period Ending February 29, 2028

S-30.3 Projected VEBA, Employee Savings Plan, and Active Healthcare for the Projected Test-Period Ending February 29, 2028

S-30.4 VEBA, Employee Savings Plan, and Active Healthcare, and Other Benefits Average Annual Growth Rates

O&M Inflation

Q. Please describe the Company's inflationary increases to O&M for the projected test year.

A. The Company is projecting inflation-driven O&M expense increases using composite inflation rates of 3.0% for 2026 through 2028. Year 2028 is pro-rated for 2 months ending February 29th. The composite inflation rates are a combination of the Company's own labor rate increase blended with CPI-Urban rates published by S&P/HIS Markit and shown on Exhibit A-13, Schedule C5.15. See the Direct testimony of T.M. Uzenski, page 35. Bifurcating the Company's projected labor rate with the CPI-Urban rate increased the inflation rate above the normal rate of inflation. Application of these rates results in a gross inflationary increase of $56,322,000 to O&M expense in the projected test year on

Exhibit A-13, Schedule C5, columns (g) through (i), and ($1,462,000) imbedded in Other Adjustments column (j), line 3.

Q. Does Staff support the Company's inflation projections applied to O&M expenses?

A. No. Staff does not agree with the Company's composite inflationary increase to O&M expenses. The Company is largely in control of the rate of wage increases it gives to its employees. This effectively creates a self-reinforcing cycle in which the Company forecasts inflationary cost increases above the general rate of inflation and then uses those recovered funds to provide equivalent increases to employees and contractors. The Company did not offset increases to wages with productivity gains. Company witness Davis stated that doing so "risks double counting productivity gains." See the Direct testimony of W. Davis, page 16. However, bifurcating the Company's labor rate with the CPI-Urban rate compounds labor cost increases that are already imbedded in the general rate of inflation, effectively double counting them. CPI-Urban measures the average change of prices over time. Labor cost increases are already included in the general rate of inflation. The Company's composite rate also creates a positive feedback loop of ever-increasing inflation. Utility prices are a driver of inflation. Rising utility prices increases the cost of goods and services, and in turn contribute to rising inflation. Allowing the Company to use a rate above the general rate of inflation will contribute to rising inflation. The Commission should continue to reject use of DTE Electric's blended rate when it is above the general rate of inflation. See MPSC Case No. U-21860, February 19, 2026 Order, p. 78.

Q. What is Staff's recommendation for projecting inflationary increases to O&M expense?

A. Staff recommends utilizing the inflation factors developed and supported by Staff witness Ufolla of 3.17% for 2026, 2.8% for 2027, and 2.4% prorated to 0.33% for the two months ending February 29h, 2028. See Staff Exhibit S-4 Schedule D3.1 and Exhibit S-30.2. Staff recommends that the Commission continue to reject the Company's use of a blended rate. And, Staff recommends that the Commission approve a total inflationary increase to O&M expenses of $47,301,000. This is a downward adjustment of $4,263,000 from the Company's projection of $51,564,000 shown on Exhibit S-30.1.

Voluntary Employees' Beneficiary Association (VEBA)

Q. Does Staff support the Company's projected VEBA expense projection?

A. No. DTE purported an average annual increase in New Hire VEBA expense of 6.9%. See the Direct Testimony of M. S. Cooper, page 11**.** This is 5.5% higher than the Company's actual average annual growth rate of 1.14% for total VEBA expense before Capitalization shown on Staff Exhibit S-30.4. The Company is also increasing its historic test year basis by applying a true-up normalization adjustment. This adjustment reflects the differences between estimated and actual contribution obligations. See the Direct Testimony of M. S. Cooper, page 10.

Q. Is the Company's projection method unreasonably excessive?

A. Yes. Exhibit S-30.4 shows that the Company's actual historic growth in total VEBA expense is much lower than the Company used to forecast its projection. Staff's exhibit also shows that the Company's attempt to increase the historical test year basis is unreasonable. Three of the last six years of VEBA expense have been lower than the

previous year. The 2025 unadjusted expense reflects an actual historic year, free from inflated adjustments, aligns with long term growth patterns, and provides a reasonable basis. It is Staff position the Commission should reject the Company's attempt to increase the historic test year.

Q. What method does Staff recommend for projecting VEBA expense?

A. Staff recommends the Commission reject the Company's exorbitant projection rate and approve the actual five-year average annual growth rate of 1.44% applied to the unadjusted 2025 total historic expense, and apply the 2025 percentage charged to O&M. See Staff Exhibit S-30.3. This projects a VEBA expense of $5,652,000. A reduction of $1,308,000 to the Company's projection of $6,960,000. See Staff Exhibit S-30.1.

Employee Savings Plan Expense (ESP)

Q. Does Staff support the Company's projected ESP expense projection?

A. No. The Company's projection represented an average annual increase of 5.2%. See the Direct Testimony of M.A. Fix, pg. 10. In actuality, the Company's average annual growth rate (AAGR) for ESP expense is 2.9% as shown on Staff Exhibit S-30.4, ln. 7. The Company's use of 5.2% is excessive and produces an unreasonably high projection.

Q. What method does Staff recommend for projecting ESP expense?

A. Staff recommends the Commission approve the five-year AAGR of 2.89% applied to the 2025 total historic expense shown on Staff Exhibit S-30.3. This method results in a reasonable ESP O&M expense projection of $30,437. A reduction of $1,575,000 to the Company's projection of $30,012,000. See Staff Exhibit S-30.1.

Active Healthcare

Q. Does Staff support the Company's projected Active Healthcare expense projection?

A. No. The Company unreasonably increased its actual historic test year basis by adding back Self-Insured Medical costs. The Company claimed this adjustment was necessary because "year-to-year volatility of actual Active Healthcare costs makes the use of any one historical period's cost a potentially unreliable starting point." See the Direct Testimony of M. S. Cooper, page 12. However, this statement is false. Staff Exhibit S-30.4, ln. 4 shows that the total expense is not currently volatile and has steadily increased over the past three years. In fact, the Company unnecessarily increased the historic test year basis, which is already at a 6-year high. See Staff Exhibit S-30.4, line 4. The Company also omitted direct reductions to its Active Health care expense projection due to increased spending on the Company's Wellness Plan. Company witness Cooper testifies that the "Company's Wellness Program is designed to generate significant reductions in future Active Healthcare expense." See the Direct Testimony of M. S. Cooper, page 22. However no directed reductions to future Active Healthcare projections were applied. Instead, witness Copper stated projected medical trends provided by Willis Tower Watson (WTW) were reduced to reflect expected savings. Exhibit A-13, C5.11, p.2, ln. 17 shows the Company is projecting a total of $1,960,000 of increased spending on its Wellness plan, $1,217,000 for the elimination of temporary reductions, and $742,000 in medical inflation. These increases in the Wellness Plan expense should, at the very least, reduce the Company's Active Healthcare projection dollar for dollar.

Otherwise, the plan provides no benefit to ratepayers. The Company's reduced WTW medical trend rate shown on table 2 is not reflective of its actual historical AAGR in Active Healthcare expense, as shown on Staff Exhibit S-30.3. The Company's reduction of exorbitantly high inflation rates, that are an exaggeration of the Company's actual growth, does not account for future savings healthcare expenses due to increased spending on the Wellness plan.

Q. What method does Staff recommend for projecting Active Healthcare expense?

A. Staff recommends the Commission reject the Company's unreasonable increases to the actual historic test year basis and approve the five-year average annual growth rate of 6.38% applied to the unadjusted 2025 total historic expense, shown on Staff Exhibit S-30.3. Staff also recommends the Commission adopt at disallowance of $1,960,000 due to increased spending on Wellness Plan expenses. This method results in a reasonable Active Healthcare O&M expense projection of $52,484,000, and a reduction of $3,838,000 to the Company's projection of $56,322,000. See Staff Exhibit S-30.1.

Q. Please summarize your recommendations.

A. First, Staff recommends an inflation increase of $47,301,000 to O&M expense, a decrease of $4,263,000 from the Company's request of $51,564,000.

Second, Staff recommends a VEBA benefits expense projection of $5,652,000 for the 12-month period ending February 29, 2028, which is a decrease of $1,308,000 from the Company's request of $6,960,000.

Third, Staff is recommending a total account ESP benefits expense of $30,437,000 for the

12-month period ending February 29, 2028, which is a decrease of $1,575,000 from the Company's request of $32,012,000

Lastly, Staff recommends an Active Healthcare expense projection of $52,484,000 for the 12-month period ending February 29, 2028, which is a decrease of $3,838,000 from the Company's request of $56,322,000.

Q. Does this complete your direct testimony?

A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

ZACHARY S. SIMMONS

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name for the record.

A. My name is Zachary S. Simmons.

Q. By whom are you employed and what is the business address?

A. I am employed by the Michigan Public Service Commission (MPSC or Commission) and the business address is 7109 W. Saginaw Highway, Lansing, MI 48917.

Q. What is your current job title with the MPSC and how long have you held this position?

A. I am employed as an Auditor in the Revenue Requirements Section of the Regulated Energy Division within the MPSC. I have been in this position since July 2024.

Q. What are your current job responsibilities in this position?

A. My current job responsibilities include auditing, analyzing, and making recommendations regarding utility revenues, expenses, and rate base.

Q. Please describe your work experience outside of the MPSC.

A. Prior to coming to the MPSC, I was previously employed at Dave Hausbeck Trucking (DHT) Group, from November 2023 through June 2024, where I was the Senior Accounting Analyst for the truck fleet. I performed a variety of internal audits to ensure that the truck fleet was running efficiently by tracking gas receipts, maintenance requests, and drive reports. Before DHT, I was the Senior Cost Accountant at Creative Foam. I was employed at Creative Foam from June 2021 until March 2023. At Creative Foam, I was responsible for tracking the transportation and healthcare part costs across twelve sites. Some of my duties included trend analysis, standard cost analysis, and monthly financial reporting.

Q. Please outline your educational background and other professional qualifications.

A. I earned a Bachelor of Business Administration degree in Accounting from Northwood University in 2016. In August 2024, I completed the Institute of Public Utilities (IPU) Fundamentals Training course. In September 2024, I completed the National Association of Regulatory Utility Commission (NARUC) class on How to be an Effective Witness.

Q. Have you sponsored testimony before the Michigan Public Service Commission?

A. Yes. I have sponsored testimony in the following cases:

Case Number	Company	Case Type
U-21860	DTE Electric Company	Electric Rate Case

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present the MPSC Staff's (Staff) recommended adjustments for the Walker Cisler Building Refresh and the Old SOC Renovation.

Q. Are you sponsoring any exhibits in this proceeding?

A. Yes. I am sponsoring the following exhibits:

Exhibit	Description
S-26.1	Audit Response ZSS-1.3e
S-26.2	Audit Response ZSS-2.3
S-26.3	Audit Response ZSS-1.3d

Walker Cisler Building Refresh

Q. What capital expenditures has the Company included for the Walker Cisler Building Refresh?

A. As shown on Exhibit A-12, Schedule B5.8, Page 2, Line 43. The Company has included $300,000 of capital expenditures in 2 months ending 2/28/2027 and $1.8 million in 12 months ending 2/29/2028 for the Walker Cisler Building Refresh.

Q. What is the purpose of this Walker Cisler Building Refresh capital expenditure?

A. According to DTE witness Theresa M. Uzenski, the Walker Cisler Building Refresh is part of a recurring 10-year program to recarpet floors and update existing workspaces.

Q. What is a building refresh?

A. Per Exhibit S-26.1, the Company states that a building refresh refers to renovation work intended to preserve facility assets, extend the useful life of building components, and maintain the space in a safe and functional condition.

Q. Has the Company executed any building refreshes over the last few years?

A. No. The Walker Cisler Building Refresh is part of a new program. Per Exhibit S-26.2, the Company states that previous renovations included a complete overhaul of the flooring and that this refresh is just to perform upgrades.

Q. Does Staff support the Walker Cisler Building Refresh capital expenditure?

A. No.

Q. Why does Staff not support the Walker Cisler Building Refresh capital expenditure?

A. The Walker Cisler Building Refresh is not expected to start until early 2027 with the bulk of the work expected later in the year. The Company did not provide what the $2.1 million will cover, they only stated what may be included in a building refresh. For this reason, I recommend the Commission disallow the full $2.1 million for the Walker Cisler Building Refresh until there is a clear scope of work and a breakdown of the costs, not just a placeholder.

<u>Old SOC Renovation</u>

Q. What capital expenditures has the Company included for the Old SOC Renovation?

A. As shown on Exhibit A-12, Schedule B5.8, Page 2, Line 42. The Company has included

$600,000 of capital expenditures in 2 months ending 2/28/2027 and $3 million in 12 months ending 2/29/2028 for the Old SOC Renovation.

Q. What is the purpose of the Old SOC Renovation capital expenditure?

A. According to DTE witness T.M. Uzenski, the purpose is to renovate the former systems operation center (SOC) space. Adding office space, modernizing floors and repairing plumbing.

Q. Does Staff support the Old SOC Renovation capital expenditure?

A. No.

Q. Why does Staff not support the Old SOC Renovation capital expenditure?

A. The bulk of the work is not expected to start until later in 2027 and early 2028. The Company is asking for an estimate totaling $3.6 million. As shown in Exhibit S-26.3, when asked what was included in the Old SOC Renovation, the Company referred Staff back to the testimony of Company witness Uzenski, which only states the expenditure is intended to add office space, modernize flooring, and repair plumbing. There is a lack of support on what needs to be done for this renovation. Thus, I recommend disallowing the full $3.6 million until the Company has identified the scope of work and a breakdown of the costs.

Summary

Q. Please summarize Staff's recommendations.

A. In summary, Staff recommends the Commission disallow the full $2.1 million capital expenditure requested for the Walker Cisler Building Refresh and the full $3.6 million capital expenditure requested for the Old SOC Renovation.

Q. Does this conclude your testimony?

A. Yes.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND PUBLIC DIRECT TESTIMONY OF

WILLIAM M. STOSIK

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name, address and occupation.

A. My name is William M. Stosik and my business address is 7109 West Saginaw, Lansing, MI 48917. I am employed by the Michigan Public Service Commission (MPSC) as the Director of the Regulated Energy Division.

Q. Please outline your relevant academic training.

A. I graduated with a Bachelor of Science in Business degree with a major in Financial Services from Wright State University in June 1999. In December 2001, I received a Master of Business Administration degree from Saginaw Valley State University.

Q. Please outline your regulatory training.

A. I attended Data Centers and Grid Impacts for State Regulators sponsored by the National Association of Regulatory Utility Commissioners (NARUC) in March 2026. I attended Ratemaking for Data Centers and Other Large Power Loads sponsored by Electric Utility Consultants, Inc (EUCI) in October 2025. Later in October 2025, I attended the Institute of Public Utilities (IPU) Advanced Course: Cost Allocation and Rate Design. I attended the basic and advanced annual regulatory studies programs sponsored by NARUC at Michigan State University in 2004 and 2006, respectively.

Q. Please describe your current responsibilities with the MPSC.

A. I have been a Director within the MPSC since July 2012.

At present, I am Director of the Regulated Energy Division (RED). I became the Director of RED in April 2018. RED consists of the Revenue Requirement Section, Rates and Tariff Section, Competition Licensing and Analytic Support Section, and the Energy Cost Recovery Reconciliation Section. RED is responsible for: (a) revenue

requirements in rate cases, (b) cost of service and rate design in rate cases and other cases, (c) merger/acquisition/asset-sale cases, (d) tariff and contract cases, such as those specific to data centers and large load customers, (e) accounting requests and audit issues, (f) securitization issues, (g) administration of electric and gas choice programs, (h) Code of Conduct and affiliate transaction issues, (i) public utility assessments and other annual reporting requirements, and (j) various financial reconciliations.

Prior to becoming the Director of RED, I was Director of the Financial Analysis and Audit Division (FAAD) from July 2012 to April 2018. FAAD primarily consisted of the Revenue Requirements Section and the Resource Adequacy & Retail Choice Section. Among other things, FAAD was responsible for determining revenue requirements in rate cases, accounting and audit issues, administration of the Uniform System of Accounts, cost of capital, capital structure, return on equity, public utility assessments, merger/acquisition/asset-sale cases, administration of Michigan's electric and gas customer choice programs, and certain financial reconciliation cases.

Prior to becoming the Director of FAAD, I was the Manager of the Financial Analysis and Customer Choice Section within RED from April 2009 to July 2012. This section was responsible for cost of capital, capital structure, return on equity, public utility assessments, merger/acquisition/asset-sale cases, and administration of Michigan's electric and gas customer choice programs including the review of alternative electric supplier (AES) and alternative gas supplier (AGS) license applications.

Prior to becoming the Manager of the Financial Analysis and Customer Choice Section within RED, I was a Departmental/Financial Analyst in RED when I joined the MPSC in January 2004. My primary responsibilities involved cost of capital, capital structure, return on equity, and other financial analyses.

Q. Have you previously presented testimony or been involved in proceedings before the Michigan Public Service Commission?

A. Yes. Since November 2008, I have been involved in the review of every electric, gas and steam rate case application. Since my hire date in January 2004, I have been involved in the review of 102 rate case applications (96 completed, 6 ongoing). In addition, again since November 2008, I have been involved in the review of every: (a) data center tariff/contract case, (b) merger/acquisition/asset-sale application, and (c) securitization application. In addition, I have been involved in the following proceedings:

Case No.	Company / Case
U-22061	DTE Large Load Tariff
U-22058	DTE Special Contract
U-21990	DTE Special Contract
U-21986	I&M Large Power Tariff
U-21968	I&M Dual State Cost Allocation
U-21859	Consumers Energy Data Center / Large Load Tariff
U-21194	Detroit Thermal Transfer of Control
U-20995	UPPCo Transfer of Control
U-18061	WEPCo Transfer of Control to UMERC
U-16969	SEMCo Energy Transfer of Control
U-16513	MGU Reservation Charge for GCC Customers
U-16366	WEPCo Edgewater Unit 5 Plant Sale
U-15981	Wisconsin Electric - Point Beach Plant Proceeds
U-15929	GCC Tariff Revisions for GCC Program
U-15801	Procedures to Implement the 10% Choice Cap pursuant to Act 286
U-15795	Merger and Acquisition Definitions pursuant to Act 286
U-15500	Wisconsin Electric Rate Case – Capital Structure and Cost of Capital
U-15352	WPS Corp Rate Case – Capital Structure and Cost of Capital

U-15250	Alpena Power Rate Case – Capital Structure and Cost of Capital
U-15244	Detroit Edison Rate Case – Capital Structure and Cost of Capital
U-15220	Wisconsin Electric Point Beach Sale – Net Proceeds and Bid Review
U-15071	Wisconsin Electric Rate Case – Capital Structure and Cost of Capital
U-14992	Consumers Palisades Sale – Assisted with Analysis & Bid Review
U-14981	Consumers MCV Sale – Prepared Testimony as Staff Analyst
U-14838	Detroit Edison Show Cause – Cost of Equity
U-14745	UPPCo Rate Case – Prepared the Capital Structure and Cost of Capital
U-14347	Consumers Elec Rate Case – Assisted in the Cost of Capital Studies
U-14150	Consumers Palisades Decommissioning Surcharge
U-14040	WPSC Kewaunee Sale – Eligible Facility Analysis
U-12505	Consumers Securitization True-ups: 2004 – 2009
U-12478	Detroit Edison Securitization True-ups: 2004 – 2010

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present the MPSC Staff (Staff) recommendation with respect to the Large Load Transition Mechanism (LLTM) proposed by DTE Electric Company (DTE or Company).

Q. Are you sponsoring any exhibits?

A. Yes. I am sponsoring the following exhibits:

Exhibits:	Description:
S-14.1	Reg-Liability 0-$164m in Test Period
S-14.2	Google Revenue in Test Period No Ramp Delay (Confidential)
S-14.3	Google GWh Dec-27 to Dec 2028 (Confidential)
S-14.4	Google GWh in 2029 (Confidential)
S-14.5	Oracle Revenue at Full Ramp (Confidential)
S-14.6	Google Revenue and Margin at Full Ramp (Confidential)
S-14.7	DTE Energy Press Release: Refrain from Rate Case
S-14.8	DTE Energy 2026Q2 Earnings Call: Oracle Fast Ramp

	S-14.9	DTE Energy Earnings Call: 2GW Data Center Advanced Discussions
	S-14.10	No Company Witness for Rate Case Stay Out
	S-14.11	No Evidence of Oracle Ramp Delay
	S-14.12	Oracle Margin in First Year Beyond Test Period (Confidential)
	S-14.13	Use of Excess Margin Beyond the Test Period
	S-14.14	Company Over Earnings Commitment
	S-14.15	Google Margin in First Year Beyond Test Period (Confidential)
	S-14.16	Unknown Future Rate Case Deficiency and Factors
	S-14.17	Unknown Future Deficiency for First Year Beyond Test Period
	S-14.18	Incremental Costs in Test Period No Ramp Delay v1
	S-14.19	Incremental Costs in Test Period No Ramp Delay v2
	S-14.20	No Response for Revenue Requirement at Zero Ramp Delay
	S-14.21	Company Possible Uses of its Test Period Regulatory Liability
	S-14.22	Affordability Benefits per 2026Q2 Earnings Call
	S-14.23	Oracle Revenue / Margin in Test Period Full Ramp Delay (Confidential)
	S-14.24	Oracle Revenue / Margin in Test Period No Ramp Delay (Confidential)
	S-14.25	Oracle PSA Ramp (Confidential)

Q. Were these Exhibits prepared by you or under your direction?

A. Yes.

Q. Did you use artificial intelligence or a large language model in any capacity to prepare your Testimony or Exhibits in this case?

A. No.

SUMMARY OF STAFF RECOMMENDATIONS

Q. What is Staff recommending with respect to the Company's proposed LLTM?

A. With respect to the Company's proposed LLTM (Company LLTM), Staff recommends the following:

1. Primary Recommendation: Approve the Company LLTM subject to several Staff modifications, most notably the continuation of the mechanism beyond the test period and inclusion of Google[1] in the test period and beyond.

2. Secondary Recommendation: If the Commission does not adopt the Staff's Primary Recommendation, then Staff recommends the Commission approve the Company LLTM.

3. Third Recommendation: If the Commission does not adopt the Staff version of the LLTM (Staff LLTM) or the Company LLTM, then Staff recommends the Commission approve Oracle America Cloud Services, LLC (OACS or Oracle) sales and Google, LLC (Google) sales at levels that reflect no ramp delay.

SUMMARY OF COMPANY LLTM

Q. Please summarize the LLTM proposed by the Company.

A. The Company LLTM is a regulatory liability mechanism. The purpose of the Company's proposed LLTM is to calculate the Oracle Excess Margin for the test period and record that amount as a regulatory liability. The test period in this case ends on February 29,

[1] The Company is seeking approval of contracts with Google in Case No. U-22058, filed on March 17, 2026. The instant rate case was filed on April 28, 2026, and the Company did not reflect the impacts of the Google contracts in this case. The Staff recommendation assumes Commission approval in Case No. U-22058. If the Commission does not approve the Google contracts, or if the Company does not move forward with the Google transaction, then the Staff recommendations would remain the same except for the portions specific to Google.

2028 and the Company proposes to make a separate filing no later than June 1, 2028 to address how to use the regulatory liability for the benefit of customers. The Company LLTM is for the test period only, it does not continue beyond the test period. The Company LLTM is specific to Oracle only, it does not capture and reflect Google.

Q. What is meant by Oracle Excess Margin, which the Company proposes to use for calculating the regulatory liability?

A. If the Commission relies on a 12-month ramp delay assumption to set rates in this case (as requested by the Company), and then Oracle does not exercise that delay, it would result in Oracle sales greater than assumed in the Company's load forecast ("OACS Excess Sales" or "Oracle Excess Sales"). The Oracle Excess Sales would result in sales margin that is not factored into the revenue deficiency, and when netted against the incremental costs required to serve the Oracle load (e.g., fuel and purchased power, incremental substation costs), this would result in excess margin ("OACS Excess Margin" or "Oracle Excess Margin") that would not be reflected in rates.[2]

THE TEST PERIOD

Q. Does Staff believe that the Company LLTM is reasonable for the test period?

A. Yes, in terms of its primary structure and objective. Staff recommends additional considerations (e.g. Google LLTM, interest rate on the LLTM regulatory liability accrual,

[2] Section 5.2 of the Primary Supply Agreement (PSA) ensures that Oracle is responsible for providing the Company with a minimum level of revenue regardless of its actual usage, even when usage is zero. The revenue received from the Minimum Monthly Charges (if applied pursuant to PSA Section 5.2) would be considered sales revenue for purposes of calculating OACS Excess Margin, even though the minimum charge revenue is not derived from sales.

substation factors) but overall the Company LLTM strikes a reasonable balance of interests for the test period.

Q. What is the potential size of the regulatory liability resulting from the Company LLTM (and Staff LLTM) in the test period?

A. The Company LLTM and Staff LLTM could result in a regulatory liability of zero (at full 12-month ramp delay) or approximately $164 million (no ramp delay).[3] The Company LLTM and the Staff LLTM would both capture and reflect the Oracle impact in the test period in the same manner, both resulting in a regulatory liability.

The regulatory liability balance resulting from the Company LLTM would be for Oracle only; it does not reflect Google. Staff recommends a separate Google LLTM to capture and reflect test period impacts of Google in the same manner as Oracle. With respect to Google, the Staff LLTM could result in a regulatory liability of up to approximately [redacted][4] if Google does not delay its ramp. This amount would be in addition to any Oracle regulatory liability balance.

SIZE AND IMPACT OF ORACLE AND GOOGLE

Q. Can you provide some context to help understand the size and impact of the anticipated GWh sales from Oracle and Google in relation to the Company?

A. Oracle and Google are both extremely large customers and will have an extraordinary

[3] Exhibit S-14.1
[4] Confidential Exhibit S-14.2

impact on Company sales, which requires careful consideration as to how to approach this test period. The Company had 44,579 GWh of sales in calendar year 2025.[5] Once at full ramp for a full year, Oracle is expected to be approximately [redacted][6] and Google is expected to be approximately [redacted][7]. The combined sales of both customers are expected to be approximately [redacted]. If both Oracle and Google had been in service for a full year at full ramp during 2025 then they would have increased total GWh sales by [redacted], and these two customers would have represented [redacted] of the Company's total sales.

Q. Can you provide some context to help understand the size and impact of the anticipated revenue from Oracle and Google in relation to the Company?

A. Oracle and Google are both extremely large customers and will have an extraordinary impact on Company revenue, which requires careful consideration as to how to approach this test period. The Company had revenue of $6.77 billion in calendar year 2025.[8] Once at full ramp for a full year, Oracle is expected to provide approximately [redacted][9] of annual revenue and Google is expected to provide approximately [redacted][10] of annual revenue. Taken together, the combined impact of these customers would generate approximately [redacted] in annual revenue once at full ramp. If both Oracle and Google had been in service for a full year at full ramp during 2025 then they would have

[5] Exhibit A-5, Schedule E-1, page 1 of 4.
[6] Confidential Filing Requirements Part III, Attachment 3 (3), page 1 of 9.
[7] Confidential Exhibits S-14.3 and S-14.4
[8] DTE Electric 2025 P-521, page 300, line 27
[9] Confidential Exhibit S-14.5
[10] Confidential Exhibit S-14.6

increased total Company revenue by [redacted] and would have represented approximately [redacted] of the total Company revenue.

PRIMARY RECOMMENDATION

Q. What is Staff's primary recommendation?

A. Staff's primary recommendation is that the Commission approve the Company LLTM subject to several Staff modifications. These modifications include (a) continuation of the LLTM beyond the test period, (b) establishing an LLTM regulatory liability mechanism for Google that would have the same exact construct as the LLTM approved for Oracle, (c) approving an interest rate on the LLTM regulatory liability accrual as described by Staff witness Nichols, and (d) substation clarifications/considerations that feed into the calculation of the LLTM regulatory liability as described by Staff witness Rademacher. This recommendation does not impact the test period revenue deficiency.

Beyond the Test Period

Q. Why is Staff recommending that the Company LLTM continue beyond the test period?

A. The Company LLTM and Staff LLTM diverge after the test period. This is because (a) the large load transition is not limited to the test period and will be experienced for years to come, and (b) the Company proposal does not include enough clarity, certainty or firm commitments to ensure ratepayer benefits beyond the test period. Below is a snapshot of the test period and potential ramp timing.

Year	Month		Oracle	Google
2026	Dec			
2027	Jan		Jan 2027	
2027	Feb			
2027	Mar			
2027	Apr			
2027	May		Oracle	
2027	Jun	Rate	Ramp	
2027	Jul	Case	No Delay	
2027	Aug	Test		
2027	Sep	Period		
2027	Oct			
2027	Nov			
2027	Dec		Dec 2027	Dec 2027
2028	Jan		Jan 2028	
2028	Feb			
2028	Mar			
2028	Apr		Oracle	Google
2028	May		Ramp	Ramp
2028	Jun		12-mo	No
2028	Jul		Delay	Delay
2028	Aug		(DTE req)	
2028	Sep			
2028	Oct			
2028	Nov			
2028	Dec		Dec 2028	Dec 2028
2029	Jan			Jan 2029
2029	Feb			

Oracle will begin its ramp during the test period and could complete its full ramp during the test period (as early as December 2027). Like Oracle, Google could also begin its ramp during the test period. Google will not complete its full ramp during the test period, the earliest that Google could complete its full ramp is December 2028 (which is just 10 months after the test period). Taken together, both Oracle and Google could achieve full ramp by December 2028 which is only 10 months after the test period.

The Company LLTM strikes a reasonable balance of interests in the test period, but it does not continue beyond the test period. This results in uncertainty with respect to the impact and benefit to ratepayers due to the lack of well-defined commitments beyond the test period. By comparison, the Staff LLTM results in a balance of interests for both the test period and beyond the test period. The Staff LLTM would capture and reflect the financial benefits of the large load additions through the LLTM regulatory liability mechanism for years to come, and most importantly for the first year following the test

period. The Staff LLTM would continue until new rates are established in the next rate case, at which point there will be more certainty about the timing of these customer load ramps.

Q. What is the potential size of the Oracle excess margin (not captured by the Company LLTM) beyond the test period?

A. Assuming no ramp delay, the excess margin for Oracle would be approximately [redacted][11] in the first year beyond test period. This would be in addition to the approximately $164 million in the test period. These dollar amounts do not include Google. In the Company LLTM, this excess margin would be retained by the Company and deployed as the Company sees fit – for the benefit of its customers and/or its shareholders. In the Staff LLTM, this excess margin would be recorded as a regulatory liability for the benefit of customers just as it would be for the test period.

Q. What is the potential size of the Google excess margin (not captured by the Company LLTM) beyond the test period?

A. Assuming no ramp delay, the excess margin for Google would be approximately [redacted][12] in the first year beyond test period. This would be in addition to the Oracle excess margin. In the Company LLTM, this excess margin would be retained by the Company and deployed as the Company sees fit – for the benefit of its customers and/or its shareholders.

Q. Can you summarize the combined regulatory liability / excess margin impact of

[11] Confidential Exhibit S-14.12
[12] Confidential Exhibit S-14.15

Oracle and Google during the test period and also for the first year beyond the test period?

A. Yes. Below is a chart that reflects the combined impacts assuming no ramp delay.

BEGIN CONFIDENTIAL CHART

LLTM Regulatory Liability vs. Excess Margin (No Ramp Delay)			
	Test Period March 2027 - Feb 2028	First Year After Test Period March 2028 - Feb 2029	Total Regulatory Liability
Company LLTM - Oracle	$164 million	$0	
Company LLTM - Google	$0	$0	
Company LLTM - Combined	$164 million	$0	$164 million
Staff LLTM - Oracle	$164 million	$291 million	
Staff LLTM - Google	[redacted]		
Staff LLTM -Combined			

END CONFIDENTIAL CHART

As seen above, the Staff LLTM would result in approximately [redacted] in combined regulatory liability at no ramp delay, while the Company LLTM would result in approximately $164 million of regulatory liability. The difference of [redacted] would be the excess margin that would be retained by the Company and deployed as the Company sees fit. In the Staff LLTM, this excess margin would be recorded as a regulatory liability for the benefit of customers just as it would be for the test period.[13] The Staff LLTM ensures that the financial benefits are measured and passed on to ratepayers via the regulatory liability, as opposed to the uncertainty of being retained by the Company without firm commitments. The Staff LLTM would include an annual regulatory liability proceeding for each year that the Staff LLTM is active. The Staff LLTM involves a thorough account beyond the test period which would include review

[13] The Staff LLTM regulatory liability figures increase significantly once Google is at full ramp for a full year.

and analysis, resulting in measured/trackable financial clarity and a balance of interests for both the test period and also beyond the test period.

Company Use of Excess Margin Beyond the Test Period

Q. Has the Company indicated how it intends to deploy the excess margin it retains after the test period under the Company LLTM?

A. The Company testimony indicates that it would use those dollars to the benefit of customers. On June 5, 2026, the Company outlined additional possible uses through a discovery response, as seen in the excerpt below.[14]

> Beyond the forward test year of this case, the Company intends to use the margin associated with OACS sales (above what is included in base rates) to the benefit of customers by supporting the Company's objective of providing safe and reliable electric service. For example, any excess margin could be used to meet the Service Quality & Reliability Standards and targets set forth in the Financial Incentive and Disincentives docket, support the reliability of the generation fleet, and continue the transition toward cleaner energy resources.

Q. Does Staff have concerns about the degree of certainty regarding the eventual customer benefit from the excess margin?

A. Yes. The chief concerns include the lack of certainty and firm commitments. There is a difference between "could" and "will", and between "discretion" and "commitment". In addition to what the Company identified that it could use the excess margin for, it is worth noting that the Company could also deploy that margin to buffer against various expense overruns or to cushion the bottom line to enhance financial returns. This is not meant to imply that the Company would do anything disingenuous or one-sided with the

[14] Exhibit S-14.13

excess margin, it is simply to illustrate that other potential deployments are possible too. It is difficult, if not impossible, to assess the customer benefit stemming from the excess margin because the Company has not provided a firm commitment for deployment, firm commitment for a rate case moratorium, or other types of certainty for deploying the excess margin.

Company Refraining from Another Rate Case (a.k.a. "Stay Out")

Q. What is the timing of the Company's next rate case?

A. Only the Company would be able to answer that. In April 2026, DTE Energy issued a press release which indicated that it would refrain from filing another rate request until at least 2028 if its data center project and regulatory approvals align a certain way.[15] Here is an excerpt from the press release:

> "Now more than ever, we know affordability matters to our customers – and we're doing everything we can to keep energy bills as low as possible while also providing the reliable power they need," said Joi Harris, president and chief executive officer, DTE Energy. "As long as the first data center project we're supporting comes online as planned by the end of 2027 and we're able to receive other regulatory approvals, we will refrain from filing another rate request until at least 2028—providing customers two years without an increase in rates after the current request is complete."

Q. Would the Company LLTM allow it to refrain from filing another rate request until at least 2028 as mentioned in the press release?

A. Again, only the Company would be able to answer that. The Company has not made any firm commitments to refrain from filing another rate case within the instant rate case or any other MPSC proceeding. Those headlines are happening outside of the rate case

[15] Exhibit S-14.7

process. The Company also did not present testimony in this rate case with respect to refraining from filing a future rate case.[16] And taking a step back, it is also not clear if the Company would need to file another rate case (with or without approval of the Company LLTM), and if so when and for what test period and for what amount of requested rate relief.[17]

Q. If the Commission were to assume that the Company actually needs rate relief beyond the test period, would the Company LLTM be more likely to facilitate a delay in the next rate case filing than the Staff LLTM?

A. Most likely, yes. I respond most likely because it would depend on the amount of rate relief in this proceeding and on the outcome of the future regulatory liability proceeding. But setting those unknown factors aside, I would say most likely yes because the Company LLTM terminates after the test period and also does not capture the impact of Google. Therefore, once the test period is over and assuming no ramp delay, the Company would receive [redacted] of excess margin that would not be captured by the Company LLTM regulatory liability and also not reflected in rates. The excess margin from those customers would instead be retained by the Company and deployed as the Company sees fit. One such possibility is that the excess margin that is retained by the Company could be used to offset future costs, thus delaying the need for a future rate case (although no commitment to do so exists).

[16] Exhibit S-14.10
[17] Exhibits S-14.16 and S-14.17

Q. If staying out of a rate case means that rates remain flat/unchanged then isn't that advantageous for ratepayers?

A. Often, yes. However, there are scenarios where this may not be true. One such scenario could be this instant rate case scenario which includes flexible load ramp timing of two extremely large customers leading to significant financial impacts that would not be reflected in base rates or regulatory liability. There are scenarios where an unknown/unidentified/hypothetical amount of incremental rate relief beyond the test period could be less than the known amount of the excess margin or regulatory liability for the same period. In that scenario, existing ratepayers would not receive the full benefit of the excess margin if rates were simply held flat during the large load transition.

Q. Can you provide a hypothetical example of how the combination of the Staff LLTM regulatory liability and additional rate case(s) could work to the advantage, disadvantage or be neutral to ratepayers beyond the test period?

A. Yes. On one hand, the Staff LLTM would produce a regulatory liability. For illustrative purposes, assume a regulatory liability of $450 million for the first year beyond the test period. In the subsequent regulatory liability filing for that period, the Commission determines that the $450 million should benefit ratepayers through a $450 million credit on customer bills. The bill credit goes into effect after the order, independent of (and outside of) a rate case and results in a reduction to customer bills. If the Company did not request/receive rate relief for that same period, then customer bills would have been reduced by $450 million via bill credit while rates remained unchanged.

On the other hand, for that same period, the Company may have filed for new rate relief. After review and analysis, the Commission order would authorize a level of rate relief that would either be below, at, or above the $450 million regulatory liability amount for that same period. If the rate case outcome was $250 million in new rate relief, then the regulatory liability of $450 million more than covers the rate case increase and would still result in a $200 million reduction in customer bills for that period even with a "rate increase".[18] Similarly, the Commission order might approve rate relief equal to the regulatory liability amount ($450m each) resulting in a neutral bill impact, albeit having had to go through a rate case to achieve that outcome. And lastly, the Commission could order an amount of rate relief above the amount of the regulatory liability, thus creating a total bill increase for the amount of rate relief above the regulatory liability amount.

Q. How likely are any of these possible scenarios?

A. These scenarios are all possible (as are others), but there is no way to assess the likelihood of any particular scenario because of the speculative nature of the unknown/unidentified/hypothetical aspect of potential future rate relief. The takeaway is that even if the need for new rate relief actually exists beyond the test period, existing ratepayers may be better off with additional rate cases as opposed to a stay-out period. This is because a stay-out period would result by taking a known, actual amount of excess margin and fully offsetting it with an unknown amount of potential and assumed future rate relief (likely driven by yet-to-be-approved capital investment).

[18] The Company was granted rate relief of approximately $242m and $217m in its last two completed rate cases.

Inclusion of Google

Q. Why is Staff recommending that the Commission establish an LLTM regulatory liability mechanism for Google that would have the same exact construct as the LLTM approved for Oracle?

A. Just like Oracle, Google has the potential to ramp during the test period. If the Google contracts are approved and Google begins to ramp during the test period, it would be reasonable to also capture and reflect the financial impact of that ramp through an LLTM. Establishing two separate, distinct LLTM's is an extension of the clarity and measurement provided by the Staff LLTM. This would allow the Commission to consider the financial impact of Oracle and Google separately, which could prove helpful in proceedings in months and years to come. For example, separate LLTM's could help to track affordability benefits separately for each customer.[19] Another example is that during the subsequent regulatory liability balance proceeding, one or more parties may present arguments that certain customers should (or should not) receive a benefit from one/both of the LLTM regulatory liability balances. For instance, a party may recommend that the Commission find that Google should not receive a benefit from the Oracle regulatory liability if Google was not taking service while the Oracle regulatory liability was accruing. Or a party may recommend a particular carve-out of the regulatory liability to certain sub-groups of customers and not others. In short, the Commission would have more clarity and more flexibility with separate LLTM's for

[19] During its July 28, 2026 Earnings Call, the Company reiterated that at full ramp Oracle is expected to provide about $300 million in annual benefits for existing customers, while Google is expected to generate roughly $1.7 billion of benefits over the life of the contract.

Oracle and Google. This construct could also be replicated for additional data centers or other large load customers being added to the system.[20] The regulatory liability balances resulting from the Oracle-LLTM and Google-LLTM would still be addressed at the same time in a single regulatory liability proceeding.

SECONDARY RECOMMENDATION

Q. What is Staff's secondary recommendation?

A. If the Commission does not adopt the Staff LLTM with respect to the continuation beyond the test period, then Staff's secondary recommendation is that the Commission approve the Company LLTM with respect to the termination at the end of the test period. The Commission can still rule on the other components of the Staff primary recommendation independently of whether or not the Commission approves the mechanism to continue beyond the test period. This recommendation does not impact the test period revenue deficiency.

Q. If the Commission approves the Company LLTM which terminates at the end of the test period, are there additional factors the Commission should be prepared to consider?

A. Yes. As outlined above, the potential exists for the Company to receive a considerable amount of incremental revenue beyond the test period that would not be built into base rates. At any point, if the Commission suspects that incremental revenue or excess

[20] The Company has 2GW in advanced discussions; targeting additional agreement during 2026 (DTE Earnings Call for 2026Q2 dated July 28, 2026). See Exhibit S-14.9

margin are resulting in unreasonable or imprudent rates, then the Commission should be prepared to use its authority to initiate a show cause proceeding or new rate proceeding to adjust to those conditions.

Q. Is there anything the Company could do in this proceeding to enhance the Staff comfort level with the Company LLTM?

A. Yes. The lack of clarity, certainty, and the absence of firm commitments regarding the benefits that ratepayers will receive from excess margin beyond the test period is of particular concern. DTE Energy (via press release) indicated that it would refrain from filing another electric rate request until at least 2028 if its data center project and regulatory approvals align a certain way. That statement is very general, non-binding, and non-committal. The Company has indicated that it would use excess margin for the benefit of customers and identified ways it could do that. Again this is a very general, non-binding, and non-committal statement. If the record were to contain additional information with respect to increased clarity, certainty, and/or actual commitments, then Staff would take that information into consideration in this proceeding.

With respect to a possible commitment to refrain from a new rate case filing, the Company could consider providing commitments to various durations of rate-case-stay-outs at various levels of revenue (revenue via combination of GWh sales and/or monthly minimum charges). For example, if the combined Oracle and Google revenue were at or above a certain level by a certain date then the Company could commit to no new rates until on or after a certain date. The Company could identify multiple tiers of

sales/revenue that would result in longer and longer stay-outs as certain milestone levels of combined sales/revenue for Oracle and Google are achieved on or before certain dates. Even if those tiers were dependent upon a range of rate relief outcomes in this instant proceeding it would still be helpful information. Another example would be information regarding rate relief estimates beyond the test period and/or commitments to ensure that the excess margin is deployed on items that add value to customer service.

Over-Earnings Commitment

Q. Did the Company provide an over-earnings commitment for beyond the test period through a supplemental discovery response dated August 7, 2026?

A. Yes. According to the Company, if the Company LLTM is approved as filed, then it would record excess earnings above its authorized ROE as a regulatory liability to be returned to customers as a bill credit.[21] Here is an excerpt from the response:

> **Answer:** If the LLTM is approved as filed, the Company commits that, for the period beginning March 1, 2028 and continuing until new rates are established following its next rate case, if its weather-normal earned ROE exceeds its authorized ROE on a ratemaking basis (as calculated in Exhibit A-1, Schedule A2, page 4, line 82), it will record these excess earnings (appropriately adjusted for taxes) in a regulatory liability to be returned to customers as a bill credit.
>
> For any calendar year in which the commitment period covers only a portion of the year, excess earnings will be prorated based on the portion of the year subject to the commitment. For example, for a calendar year in which three months are subject to the commitment, 25% of excess earnings for that calendar year would be recorded as a regulatory liability.

Q, Does Staff have any preliminary thoughts with respect to the over-earnings commitment provided by the Company?

[21] Exhibit S-14.14

A. The over-earnings commitment was not included in the initial application or direct testimony of the Company. The commitment was provided as a supplemental discovery response on August 7, 2026. This was nineteen days prior to the Staff and Intervenor filing date of August 26, 2026. As such, Staff has not had sufficient time fully review and consider the impacts of the commitment. That said, Staff believes the over-earnings commitment is a step in the right direction. However, the commitment in and of itself does not provide sufficient structural detail as outlined below. Staff will continue to review and consider this commitment through the duration of this case.

Q. Is there a potential for double recovery related to the deployment of ratepayer-supplied funds to mitigate potential over-earnings beyond the test period?

A. Yes. Investor-supplied funds are used to finance utility assets (rate base). For example, if a new plant costs $100, investors supply a mix of debt capital and equity capital to fund the $100 plant. However, the excess margin beyond the test period would be ratepayer-supplied dollars and, therefore, inappropriate to fund utility assets. If the utility were to use the excess margin (ratepayer-supplied dollars) to fund rate base then it would lead to a double recovery in future cases as those ratepayer-supplied dollars would be reflected in rate base. Ratepayers do not finance assets; ratepayers only provide the revenue requirement of the $100 asset through rates. Given the significant amount of potential excess margin involved beyond the test period, the over-earnings commitment would be more meaningful if it were clear on investor-supplied versus ratepayer-supplied dollars to avoid potential double recovery. If the Company's over-earnings commitment is based on the premise of using ratepayer-supplied dollars to fund new investment, then that

would not be appropriate. Conversely, if the Company's over-earnings commitment is based on the premise of using ratepayer-supplied funds to offset the revenue requirement of new investment (thus possibly delaying a new rate case), then that would be conceptually appropriate.

Q. Is it possible that the Company could deploy excess margin on expense items to mitigate potential over-earnings beyond the test period?

A. Yes, and certain expense items may provide more or less customer value than others. For example, deployment of excess margin for additional office supplies may not offer the same customer value as deployment of excess margin on expenses related to reliability. The deployment of excess margin on additional tree trimming above the amount approved in rates may provide a different level of customer value than doubling up on pens and pencils in the file cabinet. Similarly, the incremental amount above what is approved in rates should not be included in future rate cases as the basis for any historical calculation/reference used to inform a test period projection/request. The over-earnings commitment would be more meaningful if the Company were able to provide additional clarity related to deployment of excess margin on value-added expense items associated with the over-earnings commitment.

Q. Would additional reporting beyond the test period provide greater visibility into the deployment of excess margin to mitigate potential over-earnings (and thus possibly help to facilitate a rate case stay out) beyond the test period?

A. Yes, and this would be relatively straight-forward conceptually. In the Staff LLTM, the excess margin beyond the test period would be recorded as a regulatory liability. But

even if the Commission rejects the Staff proposal to record the excess margin beyond the test period as a regulatory liability, the Company could still "do the math" and provide a filing related to the calculation. For illustrative purposes, assume that the Staff LLTM would have resulted in a regulatory liability of $450 million for the first year beyond the test period. Instead of recording the $450 million as a regulatory liability, the Company could instead make a filing that identifies the $450 million of excess margin (not recorded as a regulatory liability), and that same filing could also demonstrate how the $450 million of excess margin was deployed to the benefit of customers on items above the amounts authorized in rates. If the Company were able to refrain from filing a new rate case for an extended period of time, then the Company could make this type of filing for each year until new rates are established. The over-earnings commitment would be more meaningful if the Company were able to offer some type of annual demonstration.

THIRD RECOMMENDATION

Q. What is Staff's Third Recommendation?

A. If the Commission does not adopt the Staff LLTM or the Company LLTM, then the Commission will need to decide what the appropriate level of Oracle sales and/or Google sales are for use in establishing rates for the test period. The size of these customers and the financial impact of these customers make this a more impactful determination than usual.

Q. Without an LLTM, does Staff agree with using the full ramp delay assumption to estimate Oracle sales in the test period?

A. No. Using the full ramp delay assumption for Oracle would be a flawed projection for several reasons. First, speaking generally, the data center space within the technology sector is fast-moving. Speed is important and desired in this space. Second, the actual Oracle and Google cases in this jurisdiction bear this out. The Company, in Case No. U-21990, signed contracts with Oracle that contained a Conditions Precedent that the Commission approve the contracts by no later than December 5, 2025. This was only 35 days after the application was filed on October 31, 2025. This demonstrates the desire to move forward quickly as opposed to delay. Similarly, in Case No. U-22058, the Company requested that the Commission grant expedited approval of its Google contracts. Third, Staff requested that the Company provide documentation and/or communications with Oracle to support the notion of a possible ramp delay; the Company does not have any such evidence.[22] Fourth, the Company recently stated that Oracle is on track for the fast ramp. Below is an excerpt from its July 28, 2026 earnings call for 2026Q2.[23]

Michael P. Sullivan Q
Analyst, Wolfe Research LLC
Hey. Wanted to just ask on the Oracle load ramp. Just how you're feeling on timing there, given, I think, that's kind of the main driver to the stay-out getting that kind of mostly ramped next year?

Joi M. Harris A
President, Chief Executive Officer & Director, DTE Energy Co.
Yeah. Thank you for the question. The construction is proceeding as planned. We are getting all positive indicators that Oracle and related companies are on track for the fast ramp at this point. We are starting to take deliveries of our equipment that will be used to serve them. So, everything is moving in the right direction. We are getting aerial shots. We are seeing you know visuals. And then, obviously, our team is active on the ground with the construction team. So, all systems are go at this point.

[22] Exhibit S-14.11
[23] Exhibit S-14.8

Oracle has the ability to delay its ramp by up to 12 months, but the ability to do something is different than the likelihood of doing something. A full ramp delay is not likely and establishing rates based on a higher level of Oracle sales (above the full ramp delay) would be reasonable.

Q. Without an LLTM, what level of Oracle sales is Staff recommending the Commission use to establish rates for the test period?

A. Based on what is known at the time of this filing as outlined above, Staff believes it would be reasonable for the Commission to use any level of Oracle sales up to, and including, the no ramp delay scenario.[24] Said another way, Staff believes that Oracle sales at 100% of allowable ramp (zero ramp delay), 75% of allowable ramp (partial ramp delay), 50% of allowable ramp (partial ramp delay), etc. would all be reasonable. Specifically, if the Commission does not adopt the Staff LLTM or the Company LLTM, then Staff recommends using 100% of allowable ramp (no ramp delay) for test period sales for Oracle and Google for the purpose of establishing rates in this proceeding. This recommendation would reduce the test period revenue deficiency, and is also consistent with the timing considerations discussed above.

Q. If the Commission were to establish test period sales using zero ramp delay for both Oracle and Google then how could that impact a potential rate case stay-out?

A. For Oracle, even at zero ramp delay, the test period would only capture [redacted] of the anticipated Oracle sales at full ramp. This is because the [redacted] As such, the Company would have

[24] The same also applies to the Google ramp.

considerable excess margin to deploy beyond the test period once Oracle is at full ramp. The same concept holds true for Google, in fact to a greater extent. Even at zero ramp delay, the test period would [redacted] of the expected sales beyond the test period. This is because the test period only captures a few months of the Google ramp, nothing close to a period of full ramp for a full year. As such, [redacted].

Q. Without an LLTM, are there additional factors the Commission should be prepared to consider with respect to the sales used to establish test period rates?

A. Yes. Regardless of the amount of Oracle and Google sales that the Commission uses to establish test period rates, the potential exists for the Company to receive a considerable amount of incremental revenue beyond the test period that would not be built into base rates. At any point, if the Commission suspects that these factors are leading to unreasonable or imprudent rates then the Commission should be prepared to use its authority to initiate a show cause proceeding or new rate proceeding to adjust to those conditions.

Q. Does this conclude your testimony?

A. Yes, this concludes my testimony.

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

****

Case No. U-22046

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

QUALIFICATIONS AND DIRECT TESTIMONY OF

JOSEPH E. UFOLLA

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

Q. Please state your name and business address.

A. My name is Joseph E. Ufolla and my business address is 7109 West Saginaw Highway, Lansing, MI.

Q. By whom are you employed and in what capacity?

A. I am employed by the Michigan Public Service Commission ("MPSC" or "Commission") as a financial analyst in the Revenue Requirements Section of the Regulated Energy Division.

Q. Please describe your educational and other professional qualifications.

A. I graduated from Oakland Community College in 2016 with an Associate Degree in Business Administration. In 2018, I graduated from Cleary University with a Bachelor of Business Administration Degree in Accounting and Finance. In October 2018, I attended courses in Utility Credit Markets and Ratings and Utility Stock Valuation as part of the Institute of Public Utilities Advanced Regulatory Studies Program at Michigan State University. In August 2019 and September 2024, I attended the Institute of Public Utilities Fundamental Studies Program at Michigan State University. In October 2019 I attended the Essentials of Regulatory Finance conference at Georgetown University hosted by S&P Global. In August 2024, I attended the Regulatory Training Initiative's Utility Credit Rating Agencies training course.

Q. Please describe your professional background with the MPSC.

A. I began my employment with the MPSC in August of 2018, as a financial analyst, in the Revenue Requirements Section of the Regulated Energy Division. My primary responsibilities include, but are not limited to, reviewing, analyzing, and making

recommendations regarding utility capital structure and development, debt and equity costs, and business and credit risk analysis in rate case proceedings.

Q. Have you sponsored testimony in any MPSC cases prior to this case?

A. Yes, I have sponsored testimony in the following cases:

Case Number	Company Name	Description
U-20276	Upper Peninsula Power Company	Short-Term Debt/Inflation
U-20322	Consumers Energy Co. (Gas Div.)	Capital Structure
U-20479	SEMCO Energy Gas Company	Cost of Capital
U-20561	DTE Electric Company	Capital Structure
U-20642	DTE Gas Company	Cost of Capital
U-20940	DTE Gas Company	Cost of Capital
U-20836	DTE Electric Company	Cost of Capital
U-21297	DTE Electric Company	Cost of Capital
U-21461	Indiana Michigan Power Company	Cost of Capital
U-21291	DTE Gas Company	Cost of Capital
U-21555	Upper Peninsula Power Company	Cost of Capital
U-21534	DTE Electric Company	Cost of Capital
U-21860	DTE Electric Company	Cost of Capital
U-21973	DTE Gas Company	Cost of Capital
U-22002	SEMCO Energy Gas Company	Cost of Capital

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to provide recommendations on behalf of the Michigan Public Service Commission Staff ("Staff") regarding DTE Electric ("DTE," or the "Company") capital structure balances and corresponding cost rates.

Q. Are you sponsoring any exhibits on behalf of Staff in this proceeding?

A. Yes, I am sponsoring the following exhibits:

Exhibit	Schedule	Title
S-4	D-1	Capital Structure and Overall Rate of Return
S-4	D-2	Forecasted Long-Term Debt Balance and Cost Rate
S-4	D-3	Forecasted Short-Term Debt Balance and Cost Rate
S-4	D-3.1	Inflation Forecast
S-4	D-4	Forecasted Preferred Stock Balance and Cost Rate
S-4	D-5	Forecasted Equity Balance and Cost Rate
S-24		Credit Opinions

Q. Were these exhibits prepared by you or under your direction?

A. Yes.

Q. How is your testimony organized?

A. My testimony is split into four sections. The first covers Staff's recommendation on capital structure balances, the second covers Staff's recommendation on capital structure cost rates excluding equity, and the third covers Staff's recommendation on cost of equity (or return on equity). The final section addresses Staff's inflation forecast.

Capital Structure Balances

Q. Please outline the recommended ratemaking capital structure balances of Staff and the Company.

A. Chart 1 outlines the ratemaking capital structure recommendations by Staff and the Company's request:

Chart 1: Capital Structure Balances

Component	Company (000)	Staff (000)
Long-Term Debt	$9,838,698	$10,143,184
Preferred Stock	0	0
Common Equity	10,447,670	10,143,184
Short-Term Debt	684,523	684,523
Deferred Income Tax	4,846,224	4,846,224
Job Development Investment Tax Credit	51,145	51,145
Total Capital Structure	$25,868,261	$25,868,260

Q. Please explain the differences in Capital Structure balances provided by Staff and the Company?

A. The difference between the Company's and Staff's proposed capital structure balances is driven by what constitutes a reasonable equity ratio for DTE Electric. In this case Staff recommends 50.00%; while DTE has requested 51.50%.

Q. Why is a 50.00% equity ratio appropriate for use in the instant case?

A. There are several reasons that a 50.00% equity ratio is appropriate in this case, each of which is detailed below. The primary thing to understand is that increasing the equity ratio results in more burden on ratepayers; although that may be appropriate in some scenarios, it is not appropriate at this time. The Company's credit metrics are strong, and the Commission has previously espoused a clear preference for the Company to operate at a balanced equity ratio.

Q. You mentioned that increasing the equity ratio results in more burden on the ratepayer, can you explain?

A. Using Staff's recommended cost rates, the cost of equity is nearly three times the cost of debt. To illustrate this, a long-term debt rate of 4.46% will cost ratepayers 4.46 cents annually for each dollar of long-term debt in the Company's capital structure. Common equity at a cost rate of 9.90%, however, will cost ratepayers 13.36[1] cents per dollar annually, which is nearly three times the cost. Note that, unlike debt, a tax adjustment must be made to the equity as the cost of equity is not tax deductible in the same way interest payments are. The Pre-Tax Cost of Equity, which is the true cost to ratepayers, can therefore be expressed by the following equation:

Pre-Tax ROE = ROE / (1 - Income Tax Rate)

Thus, 13.36% is the Pre-Tax Cost of Equity at an Approved ROE of 9.90% as Staff is recommending in this case. This illustrates why it is critical to have a proper equity ratio to maintain reasonable costs to ratepayers.

Q. You said the Company has strong credit metrics, please explain further

A. Currently, the Company has the following credit ratings; A- from S&P, A2 from Moody's, and A- from Fitch; while the Moody's rating has a negative outlook, the S&P and Fitch rating have a stable outlooks. These rating are well above the minimum threshold for investment grade status and allow DTE Electric access to debt at fair rates. The Company has maintained the necessary metrics prior to any rate relief as requested in this case at its

[1] 13.361 = 9.90 x 1.3496
(1.3496 is the conversion factor found on Company Exhibit A-14 Schedule D-1)

currently approved equity ratio of 50%.

Additionally, credit opinions include both an upside and downside case to identify what factors may lead to a credit upgrade or downgrade; in the case of S&P, the primary factor that could lead to an upgrade or downgrade is rating action with respect to the parent company (DTE Energy). S&P notes that sustained FFO/debt ratio of above 21% or below 15% could lead to an upgrade or downgrade respectively. Most recently, S&P marked DTE Electric at a 21.1% ratio at year end 2025; S&P projects that rate to stay between 18.8-23.5% in the next three years

Fitch similarly notes that the parent company could be a factor in a downgrade, or an adverse change in the Michigan regulation process. Fitch claims an FFO/leverage ratio of above 4.5x could lead to a downgrade while a sustained ratio below 3.5x could lead to an upgrade. Most recently, Fitch found a 4.0x ratio at year end 2025.

Moody's currently has a negative outlook on DTE Electric's rating. However, Staff will note that the Moody's rating is already a notch above the other ratings on a comparable scale, thus even in the event of a downgrade, the Moody's rating would be on par with the other credit rating agencies. Also, a negative outlook is not a credit downgrade, nor is it a guarantee of a coming downgrade, but instead it is a recognition of a Company's credit profile is at risk of being degraded. Moody's states that an upgrade is unlikely while a downgrade could result from an adverse change in Michigan's regulatory environment or if the CFO pre-WC to debt ratio remains below 21%. Most recently Moody's calculated this metric at 19.6% in 2025.

Although it is true a thicker equity layer is one way to bolster the CFO pre-WC to

debt ratio, it is not the only factor. Reading the Moody's opinion in its entirety, the equity thickness of the Company does not appear to be the primary concern of Moody's. Instead, the driver of this deteriorating metric appears to be the Company's growing capital investment program. In other words, if the goal of the Company is to maintain its Moody's credit rating, it seems Moody's would find slowing the infrastructure investment program to be the most impactful way to bolster the Company's credit metrics.

The full credit opinions can be found in Staff Exhibit S-24.

Q. How does Moody's view the regulatory environment in Michigan?

A. Moody's says outright in the DTE Electric credit opinion that the regulatory framework of Michigan is "typically more credit supportive than most other states…"

Although Witness Lepczyk points out a quote in his testimony "Over the last two years, the outcomes of DTE Electric's rate cases have been less credit supportive," the continued context is left out. The Moody's credit opinion continues on later in the same paragraph opining, "[a]lthough, the allowed return on equity (ROE) and authorized equity layer remained consistent at 9.9% and 50%, respectively, the final order resulted in the company receiving less than half of its initial request." Thus, the relationship implied by Witness Lepczyk between the Moody's credit concerns and the Company's equity ratio is simply not found in the text.

Q. You said the Commission has previously espoused a preference for the Company to operate at a balanced equity ratio. Please explain.

A. In the prior DTE Electric rate case, U-21860, the Commission stated the following:

"The ALJ agreed with the Staff, the Attorney General, ABATE, and CUB that

DTE Electric did not present a "persuasive case for increasing the equity amount in the Company's capital structure." PFD, p. 362. Moreover, the ALJ agreed that: the Commission has recently determined [, for ratemaking purposes,] that a balanced capital structure is reasonable and appropriate for both DTE and Consumers. Second, DTE's significant capital investment program is not new, and the Company has had no difficulty in raising debt capital at favorable rates with a balanced capital structure. Moreover, as [the Attorney General] touched on in [her] testimony, the actual capital structure for DTE Electric, to some degree, is determined by its parent company, which may elect to infuse equity capital at any time. Id. Therefore, the ALJ recommended that the Commission adopt a capital structure of 50% debt and 50% equity. PFD, p. 370."

Followed by:

"Having reviewed the record and the parties' arguments on the issue, the Commission finds the ALJ's recommendation to maintain a balanced capital structure comprised of 50% debt and 50% equity to be well-reasoned and supported by the record. Accordingly, the Commission adopts the ALJ's findings and conclusions on this issue. See, PFD, p. 362."

(Case U-21860 Order Pages 272-276)

The Commission has been clear on this issue in rate cases for other utilities as well; however, to have an exhaustive list of the Commission's pontification on a balanced equity ratio would be too voluminous for this testimony. With that said, Staff is unaware of any Michigan utility (gas or electric) that has been authorized an equity ratio higher

than 50% since the end of 2023.

Q. Please explain how you arrived at the figures shown in Chart 1 above.

A. In order to maintain the Company's total amount of permanent capital, and for the reasons spelled out above, Staff subtracted $304,486,000 from the Company's proposed Common Equity balance, and added it to the proposed Long-Term Debt balance to achieve a 50% equity ratio.

Capital Structure Cost Rates

Q. Please outline the recommended cost rates of Staff and the Company.

A. Chart 2 outlines the cost rates recommended by Staff and the Company:

Chart 2: Capital Structure Component Cost Rates

Component	Company	Staff
Long-Term Debt	4.48%	4.46%
Preferred Stock	N/A	N/A
Common Equity	10.25%	9.90%
Short-Term Debt	4.07%	3.74%
Deferred Income Tax	0.00%	0.00%

Q. Please explain the difference between the recommended Cost of Capital provided by Staff and the Company's request.

A. The difference between the Company's request and Staff's recommended Cost of Capital is due to difference in Long-Term Debt rate, Short-Term Debt rate, and Cost of Equity. Staff's adjustment to the Company's debt rates are outlined below, and Cost of (Return on) Equity is discussed in the next section.

Q. Please explain the difference between the recommended Long-Term Debt Rates provided by Staff and the Company.

A. The Company's Long-Term Debt issuances are comprised of a base projected interest rate and a spread; the difference in the Long-Term Debt rate recommendations from the Company and Staff are due to Staff updating the Company's exhibit with more recent base rates on the bond issuance to be made in 2027.

The Company projects an interest rate of 5.88% for the March 2027 issuance, while Staff updates this projection to 5.52%. Staff utilizes a base projected 2027 treasury rate of 4.52% from S&P Global and adds a 100-basis point spread to arrive at an interest rate of 5.52%. The 100-basis point spread is provided by Witness Lepczyk on page 14 of his initial testimony.

This adjustment revised the overall Long-Term Debt rate down 2 basis points from the Company's initial 4.48% to Staff's 4.46%. Staff's Long-Term debt figures can be found on Exhibit S-4 Schedule D-2.

Q. Please explain the difference between the recommended Short-Term Debt Rates provided by Staff and the Company's request.

A. Much like Long-Term Debt, the Short-Term Debt Rates are comprised of a base rate and a spread, as well as credit fees. Similar to the former adjustment, Staff updated the base rate on Short-Term Debt.

The Company uses a current short-term index of 3.73% and adds a 10-basis point spread plus approximately 24-basis points in credit fees for a total cost of 4.07%.[2]

[2] Exhibit A-14 Schedule D3

Staff uses a projected Short-term Overnight Financing Rate (SOFR) of 3.39% from S&P Global, a weighted average of the 2027 and 2028 projections to align with the test year. Applying the Company's 10-basis point spread and credit fees results in a total cost rate of 3.74%. Note, Staff's figures are based on projected rates that align with the test year instead of the Company's use of current rates which do not align with the test year. The details can be found on Exhibit S-4 Schedule D-3.

Also of note, the Company is using a base rate of 3.73% from February 2026. Since then, the SOFR rate has been lower; considering data from March 1 – August 10, 2026 the SOFR has fluctuated with a peak of 3.72% and a low of 3.50%.[3]

Return on Equity

Q. Please summarize Staff's Return on Equity (ROE) recommendation.

A. Staff recommends a return on equity of 9.90%, which is the midpoint of Staff's 9.40% - 10.40% reasonable ROE range. To determine the fair ROE, since DTE Electric is not a publicly traded company, a group of ten publicly traded electric utility companies forms a comparable proxy group for Staff's analysis. The proxy group's data is used in both Discounted Cash Flow (DCF) and Capital Asset Pricing Model (CAPM) analyses to determine a reasonable cost of equity. Additionally, a Risk Premium model and a review of electric ROE authorizations from other state jurisdictions from 2025-2026 were also utilized in this case. Staff's 9.90% recommendation considers the Company's currently authorized 9.90% and requested 10.25% ROE in the instant case.

[3] Federal Reserve Bank of New York, Secured Overnight Financing Rate [SOFR], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/SOFR, August 10, 2026.

Q. In establishing a legal basis for Staff's ROE analysis in this rate case, what considerations does Staff take into account?

A. Traditionally, when considering a return on equity recommendation for a utility company, Staff takes into consideration the landmark Supreme Court decisions in the *Hope* and *Bluefield* cases. Those decisions described various methods such as the "Attraction of Capital" and the "Returns Commensurate with Those on Investments in Enterprises of Comparable Risks" that the Supreme Court found to be lawful and prudent. In *Bluefield Water Works and Improvement Co. vs. Public Service Commission*, 262 U.S. 679, 692-693 (1923), the Court stated:

> "A public utility is entitled to such rates as will permit it to earn a return on the value of the property which it employs for the convenience of the public equal to that generally being made at the same time and in the same part of the country on investments in other business undertakings which are attended by corresponding risks and uncertainties; but has no constitutional right to profits such as are realized or anticipated in highly profitable enterprises or speculative ventures."

Furthermore, in *Federal Power Commission vs. Hope Natural Gas Company*, 320 U.S. 591, 603 (1944), the Court stated:

> "From the investor or company point of view, it is important that there be enough revenue not only for operating expenses but also for the capital costs of the business. These include service on the debt and dividends on the stock. By that standard the return to the equity owner should be commensurate with returns on investment in other enterprises having corresponding risks. That return, moreover,

should be sufficient to assure confidence in the financial integrity of the enterprise, so as to maintain its credit and to attract capital."

The Supreme Court's "end result" doctrine surmises that how a capital structure and rate of return was determined was not so important as long as the end result was appropriate and reasonable for the case at hand. No one methodology provides an exact measure of a fair rate of return on equity, but some methods provide good estimates. The Discounted Cash Flow method and the Capital Asset Pricing Model are the primary models most utility financial analysts use in rate cases to determine a fair and reasonable cost of equity for regulated utility companies. Staff employ those same methods in this rate case along with a risk premium method and a comparison of recent gas ROE determinations from other state jurisdictions.

Q. Please explain the development of the electric utility proxy group Staff used to aid in determining its cost of equity recommendation for DTE.

A. Staff's proxy group consists of ten electric companies that meet five criteria. These criteria are that the company must: 1) be listed as a Electric Utility by Value Line, 2) have a full Value Line Report Available, 3) be currently paying dividends to shareholders, 4) not be the target of a merger or acquisition, and 5) must have a Moody's credit rating of Baa1 or higher.

Q. How does Staff's proxy group compare to the Company's proxy group?

A. Staff's proxy group focuses on credit rating while the Company's proxy group looks at vertical integration and percentage of net operating income, while de-emphasizing credit by comparison. As a result of these differences, the Company's proxy group contains 18

companies compared to Staff's 10 companies; these proxy groups share 7 companies in common.

Staff's credit rating criterion is important as strong credit ratings indicate to investors that the company has manageable leverage and a lower risk of financial distress; although it is true that credit ratings specifically measure the risk for debt investors, they are also informative to equity investors. All else equal, better credit ratings indicate less risk, and less required return for investors.

Q. Which proxy candidates did you include which are unique from DTE's proxy group?

A. Consolidated Edison, Otter Tail Corporation, and WEC Energy were included in my proxy group.

Q. Why were each of these candidates eliminated from DTE's proxy group?

A. Company Witness Nelson provides some insight into the selection of DTE's proxy group on public workpaper WP-1_Proxy Group. The following is based on that workpaper.

Consolidated Edison was excluded from DTE's proxy group as it was not sufficiently vertically integrated. Consolidated Edison does in fact purchase most of its power, however it does have a small amount of generation assets. It is the only utility included in Staff's proxy group that DTE considered "non-vertically integrated."

Otter Tail Corporation was excluded from the Company's proxy group since the majority of its revenue came from its plastics business. However, that should not be disqualification for the business as its assets are still largely utility based, at over 75% of the identifiable assets. Otter Tail's capital is, therefore, heavily in the utility industry, far more so than any other industry.

Lastly, WEC Energy was not included in DTE's proxy group as it narrowly missed Witness Nelson's criteria to have 60% of its regulated income from regulated electric utility operations at 57%. It did, however, widely pass every other standard imposed by Witness Nelson.

Q. Is there any proxy candidate that DTE did include that you would like to address?

A. Yes, although most of the proxy candidates Staff did not include were screened out by Staff's credit rating criteria being stricter than Witness Nelson's, there is one exception. Staff did not include NextEra Energy on account of its recent merger announcement. This announcement occurred after Witness Nelson's analysis, and I believe it would not have been included were the timing of the announcement before the analysis occurred.

Discounted Cash Flow (DCF) Analysis

Q. Please provide a brief explanation of the DCF and how it is used in Staff's ROE analysis.

A. The DCF method has been a widely used approach for estimating equity investors' return demand since the 1960s. It was introduced after the 1929 stock market crash by economist I. Fisher in 1930 and expanded upon by J.B. Williams in 1938. It was then elaborated on by M.J. Gordon and E. Shapiro. The approach derives its basis by surmising how investors evaluate stocks for potential investment. The formula assesses that investors value securities by evaluating the present value of expected future cash flows attributed to those securities. The model suggests that expected future cash flows include dividends, the projected market value of the security at liquidation, and the discount or capitalization rate investors apply to the future cash flows. The model evaluates the current price of a stock with the assumption that the growth of the stock will

be constant throughout its life and that its growth will be less than the cost of its equity. The Formula is:

P = D / K – g where:
P = Price per share
D = Dividend per Share Expected
K = Cost of Equity
g = Expected Growth Rate

Rearranging the above formula into the basic DCF formula is the mathematical equation that states that the cost of equity is equal to the security's dividend yield plus a projected future growth rate of the stock. The basic DCF formula is:

K = D / P + g
(D/P = Dividend Yield)

Q. Please explain the computation of Staff's DCF estimate.

A. Staff's DCF analysis can be seen in detail on Exhibit S-4 Schedule D-5, pages 3-6. Staff uses the annual dividend yields for the proxy group calculated from data provided by Yahoo! Finance. The dividend yield is modified by the semi-annual compounding method based on the formula DCF = (D1 / P) * [1 + 0.5g] + g. The semi-annual compounding model is the preferred model to use when performing a DCF analysis on a group of comparison companies.[4] This is also the preferred method used by the Federal Energy Regulatory Commission (FERC).

For growth rates, Staff employs three well-known and widely used sources, S&P, Zacks, and Value Line. The average of these sources is used to determine each individual proxy company's growth estimate. All available growth rate data is utilized ranging from

[4] Parcell, D.C. (1997) The Cost of Capital – A Practitioner's Guide, 1997 Edition, Chapter 8, pages 10-13.

-1.00% to 9.36%.

Q. What DCF cost of equity did Staff arrive at?

A. Staff arrived at an average adjusted DCF cost of equity estimate of 10.26% and a median of 10.87%. The calculations can be found in detail on Exhibit S-4 Schedule D5 page 5.

Q. Did you provide any other variation of the DCF in your analysis?

A. Yes. Because the results of Staff's typical single-step DCF were materially different from the results of Staff's other models, Staff provided an additional two-step DCF that yields results more in line with the other models in this case.

Q. Can you explain the two-step DCF model?

A. The two-step DCF model is a variation of the DCF which surmises that a company is unlikely to grow at a constant rate in perpetuity. Instead, it uses the same analyst growth rate as a single step DCF for short-term growth with a 80% weighting, and Gross Domestic Product (GDP) as a long-term growth for projection with a 20% weighting. This model is preferred by FERC, and variations of the two-step are presented by expert witnesses in multiple jurisdictions.

Q. What are the results of your two-step DCF?

A. Staff utilized a 4.79% nominal GDP growth projection from S&P Global (that is a weighted average of the 2027 and 2028 projections which aligns with the test year) at a 20% weighting, along with the same inputs of the single step DCF. This resulted in an average ROE estimate of 9.84% and a median of 10.30%. The calculations can be found in detail on Exhibit S-4 Schedule D5 page 6.

Q. Did DTE also provide a DCF cost of equity estimate?

A. Yes. The Company's cost of capital witness, Jennifer Nelson, sponsored a total of six different DCF analyses with a resulting average ROE estimate ranging from 10.63%-10.95%.

Q. Do you agree with the Company's DCF analysis and the ROE estimate that results from it?

A. No. The Company uses multiple models that have different average prices over the last 30-, 90-, and 180-days respectively. Staff believes 30-days is simply too short a time frame to prevent temporary fluctuations in stock price from skewing the results. Likewise, the 180-day model is on the longer side. While preferable to the 30-day model, the 180-day model is unnecessary. Staff prefers a 90-day span because it is sufficient enough to mitigate the skewness that can occur in a shorter time period, but a longer timeline is simply not necessary.

Therefore, Staff rejects the Company's 30- and 180-day models. As for the 90-day models, though the Company's methodology is not disputed by Staff, the results are higher than what Staff's analysis would support as a reasonable ROE. Differences between the proxy group used by DTE and Staff lead to differences in the outcome of DTE and Staff's single-step DCF analyses. Still, as stated earlier, Staff found the results of its two-step DCF to be more in line with the other models in Staff's analysis.

Capital Asset Pricing Model (CAPM) Analysis

Q. Please discuss Staff's CAPM method.

A. The CAPM model was derived from the study and analysis of economists Sharpe, Lintner, and Treynor and in its simplified form is expressed by the following equation:

$E(R) = Rf + \beta*[E(Rm) - Rf]$ where:
E(R) = Expected rate of return on a risky security
Rf = Risk free rate of return
E(Rm) = Expected market rate of return
β = The systematic risk or beta of a security

In theory, the CAPM model differentiates between two types of risk: diversifiable and non-diversifiable risk. The theory suggests that an investor's required return is based on the investor's exposure to risk that is systemic in the market, i.e. non- diversifiable risk. Risk that is unique to a particular security is called firm specific risk. One of CAPM's primary assumptions is that investors are fully invested in the market, i.e. invested in a portfolio of stocks, and thus eliminate (or substantially reduce) firm specific risk. Hence, the model infers that investors risk exposure is primarily composed of market risk and since this is risk that cannot be diversified away, it should be the basis for investor compensation. The beta coefficient measures the volatility of a security's stock price as it relates to changes or movements in the market.

Q. What equity risk premium estimate is used in Staff's CAPM method?

A. In evaluating the historical risk premium, Staff reviewed several sources including Damodaran Online from NYU, the Kroll study entitled *Stocks, Bonds, Bills and Inflation: The 2023 Classic Yearbook*, and the Federal Reserve Database (FRED). These data sets provide historical values for market return indices used in the estimation of risk

premiums and common equity costs. Staff reviewed return data from 1928-2025. Using the S&P 500 return from Damodaran Online for a return on stocks and a mixture of data from Kroll and FRED for long-term government bond yields. The data results in an average historical risk premium of 7.00% from 1928-2025.

Q. Why does Staff use these sources in this case?

A. In previous cases, the Kroll study cited above provided all the necessary data for approximating a historical risk premium; however, this specific publication has now been discontinued. The Damodaran Online data is the closest consistent approximation Staff has access to for equity returns with a large data set (reaching back to 1928) but provides no 30-year bond data. FRED data was the most reliable and consistent data available to Staff for long-term (30-year) bond rates but does not date back more than a few years, so Staff used the data from Kroll up to 2022 and used FRED for 2023 and onward.

Q. What risk-free rate is utilized by Staff for its CAPM analysis?

A. Because the U.S. government can print money and levy taxes, government securities are commonly considered to be risk-free. The risk-free rate used in the CAPM analysis is the yield associated with a long-term 30-year U.S. government Treasury bond. Staff reviewed projections of 2027 and 2028 Treasury bond yields from S&P Global over a three-month period; using a weighted average projection to align with the test year the figure is 4.373%.

Q. What measure of beta does Staff use in its CAPM analysis?

A. Staff uses beta values from Value Line. Value Line's beta measurement is widely accepted in the industry and utilized by every Cost of Capital witness I am aware of. In

general terms, the total market has a beta of 1.00, stocks with a beta of less than 1.00 are less volatile and have less inherent risk than the market as a whole, and stocks with a beta of greater than 1.00 are more volatile and have more inherent risk than the overall market. The Value Line beta is an adjusted forward-looking beta. Value Line's beta methodology measures a 60-month average raw beta on a weekly basis and then applies a Blume adjustment to that raw beta to account for the tendency of companies to converge towards the market over time; this results in an adjusted beta (or Blume adjusted beta) which is used by Staff.

Q. What cost of equity estimate does Staff arrive at when utilizing the CAPM analysis?

A. Utilizing a risk-free rate of 4.373%, a historical risk premium of 7.00%, and an average beta of 0.74, Staff computes an average CAPM cost of equity of 9.52% and a median of 9.45%. Staff's analysis can be found on page 7 of Exhibit S-4 Schedule D5.

Q. Did the Company provide a CAPM cost of equity estimate?

A. Yes, DTE provides a variety of CAPM based models; 8 traditional CAPM and 8 Empirical CAPM (ECAPM) estimates are included with average results ranging from 9.77% and 14.22%.

Q. Does Staff agree with the Company's methodology for the CAPM models?

A. No, Staff disagrees with the use of several of the Company's inputs and methodologies. The use of the current risk-free rate does not align with the test year, the ECAPM is unnecessary due to the use of long-term interest rates and Blume Adjusted betas, and the forward-looking value line models have results that are out of alignment with all other models present by either Staff or the Company in this case.

Q. Please explain your critique of the current risk-free rate.

A. The use of a current risk-free rate is not necessary when the projected rate is available. The Company uses both, but only the projected rate is congruent with the test year.

Q. Please explain your critique of the ECAPM.

A. Staff does not agree with the use of the ECAPM, especially in conjunction with the use of a Value Line (or Bloomberg) adjusted beta instead of a raw beta. The Commission has historically not relied on ECAPM analyses in rate cases, and many other intervenors also reject it. More compellingly, the inputs used in Staff's ratemaking CAPM analysis already account for many of the shortcomings supposedly recognized by ECAPM and thus render the ECAPM adjustment unnecessary.

The original development of the ECAPM used raw betas and short-term interest rates, thus it found that the CAPM generally resulted in a steeper slope of the Security Market Line than one would see empirically. The study's use of raw betas and short-term interest rates is fundamentally different than the inputs used in Staff and the Company's CAPM analyses.

Blume adjusted betas are another tool that results in the flattening of the Security Market Line which have been used by both Staff and DTE in modeling. Additionally, long-term risk-free rates are used in regulated CAPM estimates instead of short-term risk-free rates that were used in the original ECAPM observations. Using a long-term risk-free rate instead of short-term rate also results in a flatter slope of the Security Market Line, with a higher intercept. Thus, Staff's ratemaking CAPM analysis, with its use of long-term risk-free rates and Blume adjusted betas, incorporates the desired effect of the

ECAPM adjustment.

Q. Please explain your critique of the forward-looking models.

A. The Company uses a projected market risk premium based on a DCF model of the S&P500 utilizing Value Line projected returns. This is very similar to the model prescribed by FERC with some key differences. FERC requires the use of IBES growth rates instead of solely Value Line,[5] and the use of a filter to remove any company that does not pay dividends, has a negative growth projections, or has a growth projection over 20%. Staff has used a projected CAPM method based on Value Line projections of a wide market return in the past; however, Staff ceased using this model because its results were out of alignment with other models and became unhelpful for determining a reasonable ROE.

This case is a good example, as the Company's lowest projected CAPM yields result is at 12.57% (with the highest reaching to 14.22%); meanwhile all the Company's other models yield average results that range from 9.77%-10.95% (though many of these models are rebutted in this testimony), and Staff's models have averages that range from 9.52%-10.87%. Thus, the projected CAPM is an outlier on the order of at least 162-basis points and should not be relied upon for determining a fair and reasonable ROE in the instant case.

Q. Is there any CAPM presented by the Company that Staff did not critique above?

A. Yes, there are two. The Company presents two historical CAPM analyses with a projected treasury rate; one with a 5-year average beta, and another with a 10-year beta.

[5] Though, FERC allows Value Line growth rates as "supplemental data" in addition to IBES.

These models resulted in estimates of 9.77% and 10.34%, respectively. Though Staff will not argue that a 10-year beta is never appropriate, it should be noted that betas in the utility industry were unusually high in the "COVID-19" era. The 5-year beta, which has traditionally been used by Staff and most intervenors, and is the only beta offered by Value Line, no longer includes the volatile market data from the beginning of COVID-19. Meanwhile, the 10-year beta does still include data reaching back to the pre-COVID era and through the unusually high utility betas of the COVID era.

Risk Premium Analysis

Q. Please outline Staff's risk premium analysis.

A. Staff provides two risk premium estimates. One that uses the difference between utility equity and utility bond returns, and one that examines the difference between utility equity and Treasury bond returns. Essentially this analysis looks at the historical risk premium investors have received for choosing to invest in the equity of a utility company as opposed to a less risky utility bond or Treasury bond.

Q. Please explain the derivation of the risk premium approach.

A. Staff reviews the Electric Utility Realized Market Return Average from 1931 through 2025, compares it with the A-Rated Public Utility Bond Yield Average, or Treasury bond yield, over the same period. Mergent Public Utility Manual & Bond Record provided complete market return and bond yield data until 2002. Therefore, to obtain utility market data from 2003 to 2025, Staff uses data from the Dow Jones Utilities index as shown on Exhibit S-4, Schedule D-5, pages 9-11.

The average electric utility market return over the period was 10.83%, the average

return of an A-rated composite utility bond was 6.27%, and the average Treasury yield was 4.90% over the same period. Subtracting these bond yields from the electric utility market returns gives risk premiums of 4.56% and 5.92%, respectively. Taking these risk premiums and adding them to the projected yields of 6.27% for a utility bond and 4.90% for a Treasury bond gives an estimate of 10.29% using the utility bond method and 10.30% using the Treasury bond method.

Q. Did the Company also provide a Risk Premium analysis?

A. Yes. The Company provided two regression based risk premium analyses. One using the "current" treasury yield resulting in an ROE estimate of 10.36%, and a second using "projected" treasury yield resulting in an ROE estimate of 10.28%.

Q Does Staff agree with the Company's Risk Premium analyses?

A. No. The "current" treasury model does not align with the test year and so it should not be relied upon for rate setting in the test year. Staff also takes issue with the "projected" model due to its use of authorized ROE figures as an input.

Q. Why does Staff take issue with the use of authorized ROE in the Risk Premium analysis?

A. There are two reasons Staff takes issue with using authorized ROE in the Risk Premium model as opposed to actual market ROE, as Staff uses. Firstly, the data set for authorized ROE only goes back to 1980, meanwhile Staff's data set for electric utility earned ROE goes back to 1931. It is generally preferred to use the longest data set available as a larger data set will include more economic cycles. The difference in size between Staff's data set versus the Company's should not be ignored.

Additionally, the use of authorized ROE as an input to determine an appropriate

ROE is inherently circular. Assuming markets are efficient, the market derived ROE is the most accurate measure of investor expectations.

ROE Recommendation Summary

Q. Does Staff review any other data in its ROE analysis?

A. Yes. Staff also reviews authorized rate of return decisions for electric utilities rendered by other state commissions across the country for 2025 and early 2026. The average authorized ROE decisions for 2025 was 9.84%, and the average in Q1 of 2026 was 9.71%.[6]

Q. Based on Staff's analysis, what is Staff's recommendation of the cost of common equity for DTE Electric in this rate case?

A. Chart 4 summarizes Staff's cost of equity estimates and Staff's recommendation for ROE range and ROE:

[6] S&P Global: RRA Regulatory Focus Major Rate Case Decisions (Exhibit S-4 Schedule D-5 Page 12)

Chart 4: Staff's ROE Analysis Summary

Cost of Equity Model	ROE Estimate	
	Average	Median
Discounted Cash Flow (Single Step)	10.26%	10.87%
Discounted Cash Flow (Two-Step)	9.84%	10.30%
Capital Asset Pricing Model	9.52%	9.45%
Risk Premium – Utility Bond	10.29%	
Risk Premium – Treasury Bond	10.30%	
Average Authorized ROE 2024	9.84%	
Average Authorized ROE 2025	9.71%	
Recommended Cost of Equity Range	9.40 – 10.40%	
ROE used in Overall Cost of Capital	**9.90%**	

Based on the results of the multiple analyses done, along with other factors such as credit metrics, Company requested 10.25% ROE, and currently approved 9.90% ROE, it is Staff's judgement that a reasonable range for DTE Electric's cost of equity to fall within is 9.40% - 10.40%. Within that range, Staff recommends a value of 9.90%, which is the midpoint of Staff's range, is a reasonable ROE for DTE and is appropriate for this rate case.

Q. Please summarize Staff's overall rate of return recommendation.

A. Staff recommends an overall rate of return 5.74%. This recommendation is comprised of a 9.90% return on equity ("ROE") and a common equity ratio of 50%. Staff's overall rate of return is premised on the Company's capital structure forecast and then adjusted for any known, anticipated, and/or reasonable changes in the test year ending February 29,

2028. In determining the ratemaking cost of capital, Staff relied on a mixture of balances and cost rates provided by the Company and by Staff.

Additionally, Staff made adjustments to the Company's proposed Long- and Short-Term Debt rates. The Long-Term Debt rate was adjusted to 4.46% and the Short-Term Debt rate was adjusted to 3.74%.

Inflation

Q. Did the Company provide an inflation projection in this case?

A. Yes, as did Staff. Chart 5 outlines the inflation rates recommended by the Company and Staff:

Chart 5: Inflation Projections

Year	**Company** (Exhibit A-13 Schedule C5.15, line 13)	**Staff** (Exhibit S-4 Schedule D-3.1)
2026	2.90%	3.17%
2027	3.00%	2.37%
2028	2.90%	1.97%

Q. How does Staff determine its inflation projections?

A. Staff uses the average of projections from S&P Global, The Federal Reserve, and the Congressional Budget Office for future years. 2025 and prior years use actual historic data where necessary.

Q. Does this conclude your testimony?

A. Yes.

S T A T E O F M I C H I G A N

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

*** * * ***

Case No. U-22046

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

EXHIBITS OF

REGULATED ENERGY DIVISION

MICHIGAN PUBLIC SERVICE COMMISSION

August 26, 2026

MPSC Case No: U-22046

Requester: Staff

Question No.: EMB-1.1

Respondent: J.E. Sparks

Page: 1 of 1

Question: Of the customers reported in the Attachment 5 (9) file in Part III of the filing requirements, please provide a monthly breakdown of the number of customers that have simultaneously received RIA or LIA credits while enrolled in the Company's affordable payment plan, LSP, from 2021-2025.

Answer: See attachment. Data is inclusive of all LSP customers.

Attachment: U-22046 EMB-1.1 LSP RIA LIA Counts 2021-2025

DTE Electric Company
Customer Service
LSP RIA/LIA Counts

Case No: U-22046
Requester EMB
Question N EMB-1.1
Responder J.E. Sparks
Page 1 of 1

- considered all customers active per month on LSP
    - active for one day in the month
    - could be active for 1 day
- RIA/LIA credits based on assignment date, not posting
- each credit type counted once
    - if customer got gas and elec ria -> counted as one

from_and_to	credit_type	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09
2021-10 to 2022-09	LIA	15,396	15,083	14,570	14,054	13,575	13,371	13,210	13,234	12,956	12,500	12,617	12,740
	RIA	664	715	733	860	888	931	857	803	625	787	870	769

from_and_to	credit_type	2022-10	2022-11	2022-12	2023-01	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09
2022-10 to 2023-09	LIA	12,229	11,873	12,159	12,340	12,918	13,637	13,792	14,041	14,251	13,694	13,252	12,689
	RIA	716	744	752	967	875	880	811	931	776	752	575	435

from_and_to	credit_type	2023-10	2023-11	2023-12	2024-01	2024-02	2024-03	2024-04	2024-05	2024-06	2024-07	2024-08	2024-09
2023-10 to 2024-09	LIA	12,005	11,930	11,663	11,681	11,998	12,288	12,382	12,355	12,435	12,219	11,802	11,174
	RIA	568	967	1,335	1,527	1,447	1,371	1,356	1,395	1,268	1,263	1,068	938

from_and_to	credit_type	2024-10	2024-11	2024-12	2025-01	2025-02	2025-03	2025-04	2025-05	2025-06	2025-07	2025-08	2025-09
2024-10 to 2025-09	LIA	10,689	10,995	11,668	12,015	12,949	13,863	14,412	13,986	12,942	11,979	11,141	10,612
	RIA	1,100	1,124	1,470	2,029	1,776	1,887	1,593	1,458	1,401	1,136	1,028	860

MPSC Case No: U-22046

Requester: staff

Question No.: EMB-2.1

Respondent: J.E. Sparks

Page: 1 of 1

Question: 1. Of the customer counts provided in response to my first audit request (in the excel file "U-22046 EMB-1.1 LSP RIA LIA Counts 2021-2025" provided by witness Sparks), please provide the monthly data further broken down by the number of customers on year 1 vs. year 2 of their LSP term.

Answer: See the attachment for the requested breakdown by LSP term from the data used to develop the response to Audit Request EMB-1.1.

Attachment: U-22046 EMB-2.1 LSP RIA Counts and LSP Term

DTE Electric Company
Customer Service
LSP RIA/LIA Counts with LSP Term

Case No: **U-22046**
Requester **EMB**
Question No **EMB-2.1**
Respondent **J.E. Sparks**
Page **1 of 1**

- counts represent count of CAs
- considered all customers active per month on LSP
  - active for one day in the month
  - could be active for 1 day
- RIA/LIA credits based on assignment date, not posting

- each credit type counted once
  - if customer got gas and elec ria -> counted as one

- first years LSP = current month - plan valid from
  - if <= 365 then first year
  - else second year
- counts do not match because customer that got LIA and RIA appear once in each row, when we look at first year or second year, we do unique CA

from_and_to	credit_type	2021-10	2021-11	2021-12	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	2022-08	2022-09
2021-10 to 2022-09	LIA	15,396	15,083	14,570	14,054	13,575	13,371	13,210	13,234	12,956	12,500	12,617	12,740
	RIA	664	715	733	860	888	931	857	803	625	787	870	769
	First Year LSP	7,872	7,728	7,588	7,416	7,368	7,670	8,004	8,149	7,769	7,551	7,802	7,940
	Second Year LSP	7,839	7,731	7,393	7,184	6,783	6,308	5,738	5,559	5,498	5,415	5,347	5,231

from_and_to	credit_type	2022-10	2022-11	2022-12	2023-01	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09
2022-10 to 2023-09	LIA	12,229	11,873	12,159	12,340	12,918	13,637	13,792	14,041	14,251	13,694	13,252	12,689
	RIA	716	744	752	967	875	880	811	931	776	752	575	435
	First Year LSP	7,866	7,917	8,242	8,653	9,080	9,548	9,478	9,830	10,080	9,569	8,793	8,006
	Second Year LSP	4,756	4,383	4,323	4,303	4,373	4,607	4,765	4,791	4,601	4,552	4,723	4,837

from_and_to	credit_type	2023-10	2023-11	2023-12	2024-01	2024-02	2024-03	2024-04	2024-05	2024-06	2024-07	2024-08	2024-09
2023-10 to 2024-09	LIA	12,005	11,930	11,663	11,681	11,998	12,288	12,382	12,355	12,435	12,219	11,802	11,174
	RIA	568	967	1,335	1,527	1,447	1,371	1,356	1,395	1,268	1,263	1,068	938
	First Year LSP	7,561	7,645	7,503	7,446	7,273	7,155	7,285	7,231	7,177	7,086	6,782	6,573
	Second Year LSP	4,752	4,983	5,228	5,486	5,885	6,225	6,150	6,215	6,219	6,100	5,798	5,273

from_and_to	credit_type	2024-10	2024-11	2024-12	2025-01	2025-02	2025-03	2025-04	2025-05	2025-06	2025-07	2025-08	2025-09
2024-10 to 2025-09	LIA	10,689	10,995	11,668	12,015	12,949	13,863	14,412	13,986	12,942	11,979	11,141	10,612
	RIA	1,100	1,124	1,470	2,029	1,776	1,887	1,593	1,458	1,401	1,136	1,028	860
	First Year LSP	6492	6839	7800	8545	9080	10076	10463	9857	8959	8144	7406	6904
	Second Year LSP	5032	4982	4939	5018	5016	4977	4842	4854	4680	4467	4341	4171

Residential Income Assistance Projection Support

Case No.: U-22046
Exhibit No.: S-11.3
Witness: EMBraunschweig
Date: August 26, 2026

Residential Income Assistance Credit Adjustment

	Company Projection	LSP+RIA Recipients	LSP+LIA Recipients*	Year 1 LSP Recipients	Staff Projection	Difference between Staff and Company (revenue adjustment)
Monthly Customer Count	77,720	1,127	12,446		64,147	(13,573)
Credit amount	8.5	8.5	8.5		8.5	
TY Revenue Offset (cost of program)	$ 7,927,440	$ 114,974	$ 1,269,498		$ 6,542,994	$ 1,384,446

Residential Income Assistance Credit Adjustment Alternate

	Company Projection	LSP+RIA Recipients	LSP+LIA Recipients*	Year 1 LSP Recipients	Staff Projection	Difference between Staff and Company (revenue adjustment)
Monthly Customer Count	77,720			7,962	69,758	0
Credit amount	8.5			8.5	8.5	
TY Revenue Offset (cost of program)	$ 7,927,440			$ 812,135	$ 7,115,316	$ 812,124

*Credit amount consistent with RIA because Staff does not propose changing the LIA projection, rather transferring LSP customers off of LIA and other (RIA) customers onto LIA, which would reduce the RIA projection

MPSC Case No: U-22046

Requester: Staff

Question No.: JSG-1.1

Respondent: B. Chiu

Page: 1 of 3

Question: 1. Regarding the Company's proposed 2028 IRM for Substation Redesign & Rebuild and System Cable categories and the same categories for its 2028 IRM Alternate Test Year Proposal as illustrated in Table 2 of witness Chiu (see below), identify from Exhibit A-12 B5.4 which projects (with corresponding page and line number) attribute to the delta between the proposed categories. In addition, provide the portion of the delta included in the test year base rate request. Lastly, if any of the projects identified have a in service date after 12/31/2028, provide why it is being included in the company's 2028 IRM request.

Table 2 Proposed IRM Investment Levels ($M)

	Approved		Proposal			Alternate Test Year Proposal	
Capital Program	2026	2027	2028	2029	2030	2027	2028
Distribution Automation[52]	68.9	0	116.7	46.0	0	100.0	140.0
PTMM	200.0	200.0	314.0	482.6	540.0	263.4	376.8
Subtransmission Redesign & Rebuild	53.8	52.5	48.3	80.0	90.0	52.5	58.0
Breaker Replacement	12.6	15	16.7	35.0	55.0	15.0	20.0
URD Replacement	13.5	15	16.7	35.0	55.0	15.0	20.0
System Cable	0	0	25.8	40.0	55.0	0	31.0
Total	348.9	282.5	538.2	718.6	795.0	445.9	645.8

Co-respondents: R. Stowe, J. Robinson

MPSC Case No: U-22046

Requester: Staff

Question No.: JSG-1.1

Respondent: B. Chiu

Page: 2 of 3

Answer: Subtransmission Redesign and Rebuild:

The Company has approximately $83.7 million of planned investment in 2028 for the Subtransmission Redesign and Rebuild category as shown in Exhibit 6.49 of the 2026 Distribution System Plan (Exhibit A-23, Schedule M1). Approximately $10.7 million is associated with a recovery request in the instant case. Below are the projects included in Exhibit A-12 Schedule B5.4 for reference.

Exhibit A-12 Reference	Project Description	2028 Investment ($000s)
Page 1, line 69	Ann Arbor System Improvements: Argo 40kV Reconfiguration	1,000
Page 11, line 73	Subtransmission Redesign & Rebuild: Cortland Station Expansion	2,190
Page 11, line 76	Subtransmission Redesign & Rebuild: Reverse Power Relay Scheme Program	1,000
Page 12, line 82	Subtransmission Redesign & Rebuild: Transformer High Side Protection Program	6,500
Total		10,690

From the remaining approximately $73 million (out of $83.7 million total), $58 million is in the Alternate test year proposal 2028 IRM as shown in Table 2 above. The remaining $15 million ($73 million - $58 million) is not being sought for recovery in the current case either in the base rates or IRM and would be requested for recovery in future rate cases. Exhibit A-12, Schedule B5.4 does not provide a project-level breakdown, therefore a direct attribution of the difference between the Company's proposed 2028 IRM and the Alternate Test Year proposal to specific projects is not readily available.

Co-respondents: R. Stowe, J. Robinson

MPSC Case No: U-22046

Requester: Staff

Question No.: JSG-1.1

Respondent: B. Chiu

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System Cable:

The Company has approximately $31 million of planned investment in 2028 for the System Cable category as shown in Exhibit 6.29 of the 2026 Distribution System Plan (Exhibit A-23, Schedule M1). See Exhibit A-12, Schedule B5.4, page 9, line 28 which includes $6.167 million of investment in 2028. Of this amount, $5.167 million is work that is proposed for recovery in the Alternate IRM, with $1 million remaining in base rates because project scope does not align well with the guiding principles for inclusion into IRM as discussed in Q&A 43 of my direct testimony. The $5.167 million accounts for the delta between the 2028 proposal and 2028 Alternative Test Year IRM investment levels. Of the $5.167 million delta between the base IRM Propose and the Alternate Test Year Proposal for 2028 ($31.0 million - $25.8 million), only $0.861 million was included in the test year base rate request in Exhibit A-12, Schedule B5.4, page 9, line 28. This is due to the test year spanning from March 1, 2027 to February 29, 2028, thus only two months (January and February of 2028) are included in the Test Year for 12 months ending February 29, 2028.

Projects with In-Service Dates after 12/31/2028:

All projects in the 2028 IRM are expected to be in service by the end of 2028.

Attachment: *None*.

Co-respondents: R. Stowe, J. Robinson

MPSC Case No: U-22046

Requester: Staff

Question No.: JSG-2.1a

Respondent: K. Vangilder

Page: 1 of 1

Question: 1. Regarding the Company's IRM Incremental Revenue Requirement Exhibit A-33, Schedules X4 and X5:

a. Confirm for years 2028-2030 if the Commission orders something other than the requested Pre-tax ROR of 7.417% in the instant case, the rate to be used would be that as ordered by the Commission. If not confirmed provide why.

Answer: Confirmed.

Attachment: None.

MPSC Case No: U-22046

Requester: Staff

Question No.: JSG-2.1b

Respondent: K. Vangilder

Page: 1 of 1

Question: 1. Regarding the Company's IRM Incremental Revenue Requirement Exhibit A-33, Schedules X4 and X5:

b. Confirm for years 2028-2030 the correct depreciation rate to be applied should be 4.0822% rather than the 4.0951% which was used. The 4.0822% rate was provided by the company for these assets in discovery response attachment U-22046 STDE-5.1 and 5.3 Composite Depreciation Rates and Expense. If not confirmed provide why.

Answer: Confirmed.

Attachment: None.

Michigan Public Service Commission
DTE Electric Company
Projected Rate Base
Periods Ending December 31, 2025 and February 29, 2028
($000)

Case No.: U-22046
Exhibit: S-2
Schedule: B1
Witness: JJHecht

Line No.	Description	Source	Applicant Projection	Staff Adjustment	Staff Projection
	(a)	(b)	(c)	(d)	(e)
			(13 Month Average)	(13 Month Average)	(13 Month Average)
1	Utility Plant in Service:				
2	Plant in Service	Exh. A-12, Sch. B2, L6	28,883,370	(425,405)	28,457,965
3	Plant Held for Future Use	Exh. A-12, Sch. B2, L7	0	-	0
4	Construction Work in Progress	Exh. A-12, Sch. B2, L8	2,835,128	-	2,835,128
5	Acquisition Adjustments	Exh. A-12, Sch. B2, L9	70,786	-	70,786
6	Total Utility Plant	Sum Lines 2 thru 5	31,789,284	(425,405)	31,363,879
7	Depreciation Reserve	Exh. A-12, Sch. B3, L6	(7,721,534)	2,485	(7,719,048)
8	Net Utility Plant	Line 6 + Line 7	24,067,750	(422,920)	23,644,830
9	Net Capital Lease Property	Exh. A-12, Sch. B4.1, col. (c), L10	8,367	-	8,367
10	Property under Operating Leases	Exh. A-12, Sch. B4.1, col. (c), L11	-	-	-
11	Net Nuclear Fuel Property	Exh. A-12, Sch. B4.1, col. (c), L12	248,876	-	248,876
12	Total Utility Property and Plant	Sum Lines 8 thru 11	24,324,993	(422,920)	23,902,073
13	Less: Capital Lease Obligations	Exh. A-12, Sch. B4.1, col. (c), L85 + L100	8,831	-	8,831
14	Net Plant	Line 12 - Line 13	24,316,162	(422,920)	23,893,241
15	Allowance for Working Capital	Exh.A-12, Sch. B4	1,552,100	(45,218)	1,506,882
16	Total Rate Base	Line 14 + Line 15	25,868,261	(468,138)	25,400,124

Michigan Public Service Commission
DTE Electric Company
Projected Working Capital
Periods Ending December 31, 2025 and February 29, 2028
($000)

Case No: U-22046
Exhibit: S-2
Schedule: B4
Witness: JJHecht

Line No.	Description	(a) Applicant Projection (13 Month Average)	(b) Staff Adjustment (13 Month Average)	(c) Applicant Projection (13 Month Average)
1	**OTHER PROPERTY AND INVESTMENTS**			
2	Non-Current Portion of Allowances	196	-	196
3	Investment and Special Funds	62,074	-	62,074
4	Nuclear Decommissioning Trust Funds	-	-	-
5	TOTAL OTHER PROPERTY & INVESTMENTS	62,270	-	62,270
6	**CURRENT ASSETS**			
7	Cash	6,888	-	6,888
8	Notes Receivable	-	-	-
9	Notes Receivable-Assoc. Co.	-	-	-
10	Customer Accounts Receivable	560,294	-	560,294
11	Other Accounts Receivable	74,694	(5,900)	68,794
12	Other Accounts Receivable-Assoc. Co.	-	-	-
13	Uncollectible Reserve	(44,420)	-	(44,420)
14	Unbilled Revenues	289,688	-	289,688
15	Inventories - Fuel	100,873	-	100,873
16	Inventories - Material and Supplies	619,704	-	619,704
17	Prepayments	154,379	-	154,379
18	Other Current Assets	(0)	-	(0)
19	TOTAL CURRENT ASSETS	1,762,101	(5,900)	1,756,201
20	**DEFERRED DEBITS**			
21	Unamortized Loss on Reacquired Debt	23,071	-	23,071
22	Reg Asset - Fermi 2	-	-	-
23	Def Debit - Prepaid Pension Asset	652,787	-	652,787
24	Reg Asset - Recoverable Pension & OPEB FAS 158	5	-	5
25	Reg Asset - Pension Deferral	107,697	(42,895)	64,802
26	Reg Asset - Monroe	-	-	-
27	Reg Asset - Ludington	54,586	-	54,586
28	Reg Asset - Trenton Battery Project	-	-	-
29	Reg Asset - Customer 360	22,003	-	22,003
30	Reg Asset - Belle River Coal Assets	-	-	-
31	Reg Asset - Residential Income Assistance	9,269	-	9,269
32	Reg Asset - Program Eval. Review Committee (PERC)	7,943	-	7,943
33	Reg Asset - Advanced Distribution Management System (ADMS)	12,801	-	12,801
34	Reg Asset - Transportation Electrification	63,848	(403)	63,445
35	Reg Asset - Enhanced Tree Trimming Program	-	-	-
36	Reg Asset - Advanced Customer Pricing Pilot Costs	381	-	381
37	Reg Asset – Time of Day Deferred Project Costs	2,098	-	2,098
38	Reg Asset – Open	-	-	-
39	Reg Asset - Pension Capitalized	-	-	-
40	Reg Asset - Demand Response	2,196	-	2,196
41	Reg Asset - Incentive Deferral	-	-	-
42	Reg Asset - Low Income Assistance Tracker	-	-	-
43	Reg Asset - Low Income Payment Stability Plan	505	-	505
44	Reg Asset - TCJA Under Recovery	298	-	298
45	Reg Asset - EWR Reg Asset	-	-	-
46	Def Debit - Preliminary Survey and Investigation Charges	(0)	-	(0)
47	Def Debit - Prepaid OPEB	245,793	-	245,793
48	Def Debit - Combined Operating License (COL)	-	-	-
49	Def Debit - EWR Performance Incentive	-	-	-
50	Other Deferred Debits	6,296	-	6,296
51	TOTAL DEFERRED DEBITS	1,211,580	(43,298)	1,168,282
52	TOTAL ASSETS AND OTHER DEBITS	3,035,951	(49,198)	2,986,753
53	**NON-CURRENT LIABILITIES**			
54	Accumulated Provision for Injuries and Damages	35,639	-	35,639
55	Accrued Post Retirement Benefits	-	-	-
56	Accrued Pension Liabilities	-	-	-
57	Other Non-Current Liabilities	(0)	-	(0)
58	TOTAL NON-CURRENT LIABILITES	35,639	-	35,639
59	**CURRENT LIABILITIES**			
60	Accounts Payable	699,570	-	699,570
61	Accounts Payable - Assoc. Co.	80,180	-	80,180
62	Taxes Payable	4,559	-	4,559
63	Interest Payable	168,049	-	168,049
64	Fermi 2 Outage Accrual	27,502	-	27,502
65	Other Current Liabilities	181,848	-	181,848
66	TOTAL CURRENT LIABILITIES	1,161,709	-	1,161,709
67	**DEFERRED CREDITS**			
68	Regulatory Liab-Other Post Empl Benefits (OPEB)	140,142	(17,813)	122,329
69	Regulatory Liab-OPEB Capitalized	94,036	24,445	118,481
70	Regulatory Liab- Pension Capitalized	22,548	(10,612)	11,936
71	Regulatory Liab- Negative Pension	-	-	-
72	Regulatory Liab- Low Income Assistance	1,215	-	1,215
73	Regulatory Liab- Incentives Tracker	2,985	-	2,985
74	Regulatory Liab-Demand Response	2,818	-	2,818
75	Regulatory Liab-IRM	-	-	-
76	Fermi 2 Decommissioning	(0)	-	(0)
77	Other Deferred Credits	22,759	-	22,759
78	TOTAL DEFERRED CREDITS	286,503	(3,980)	282,523
79	TOTAL LIABILITIES AND OTHER CREDITS	1,483,851	(3,980)	1,479,871
80	Total Working Capital	**1,552,100**	**(45,218)**	**1,506,882**

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-5.1

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 1. Please provide the supporting documents and work papers for the depreciation rates used to forecast depreciation expense in the instant case.

Answer: See file attached.

Attachment: U-22046 STDE-5.1 and 5.3 Composite Depreciation Rates and Expense

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-5.2

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 2. What plant balances were used to calculate the weighted average depreciation rates for the instant case?

Answer: The Company used 2023 plant balances in error. See the attachment to STDE-5.3 for the corrected amounts based on 2025 plant balances.

Attachment: None.

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-5.3

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 3. If 12/31/2025 plant balances were not used, please update the depreciation forecast using composite rates based on 12/31/2025 plant balances. Please include all supporting documents and workpapers used.

Answer: See file attached.

Attachment: U-22046 STDE-5.1 and 5.3 Composite Depreciation Rates and Expense

Michigan Public Service Commission
DTE Electric Company
Case No. U-22046
STDE-5.1 & 5.3
Composite Deprecation Rates and Expense

	Composite Rates		Simple Average Projected Plant Balance			Depreciation Expense			
	Correction	Filed	2027	2028	Weighted Plant Balance	Correction	Filed	H / (L)	
Plant DD&A (403, 403.1):			10	2					
Production Plant, Steam - Monroe (Life)	2.6051%	2.8143%	$ 1,002,237	$ 1,002,237	$ 1,002,237	$ 26,110	$ 28,206	$ (2,097)	
Production Plant, Steam - Monroe (Removal)	0.3653%	0.3833%	1,002,237	1,002,237	1,002,237	3,661	3,841	(180)	
Production Plant, Steam - Other	3.1785%	3.2372%	2,054,537	2,068,648	2,056,889	65,378	66,585	(1,207)	
Production Plant, Nuclear	4.2658%	4.2609%	2,316,519	2,309,152	2,315,291	98,765	98,653	111	
Production Plant, Hydraulic	2.6463%	2.6463%	706,281	718,648	708,343	18,745	18,745	-	
Production Plant, Other	2.2009%	2.1802%	1,900,065	1,902,275	1,900,434	41,826	41,434	392	
Production Plant, Solar	2.5247%	2.5247%	0	0	0	0	0	-	
Production Plant - Wind	1.5196%	3.7100%	3,168	3,168	3,168	48	118	(69)	
Production Plant - Other renewable			-	-	-	-	-	-	
Energy Storage Plant	6.6667%	6.6667%	931,678	1,448,427	1,017,803	67,854	67,854	-	
Production Plant Other (Acquisitions)	0.0000%	0.0000%	-	-	-	-	-	-	
Production Plant, MERC	4.0500%	4.0500%	-	-	-	-	-	-	
Transmission Plant	2.3700%	2.3700%	44,255	42,377	43,942	1,041	1,041	-	
Distribution Plant, Excluding AMI	4.0822%	4.0951%	15,644,160	16,323,919	15,757,453	643,258	645,291	(2,033)	
Distribution Plant, AMI	5.0400%	5.0400%	504,587	504,587	504,587	25,431	25,431	-	
General Plant, Amort.	8.2698%	8.6088%	781,781	746,043	775,825	64,159	66,789	(2,630)	
General Plant, Depr.	7.6278%	7.6954%	1,222,245	1,260,494	1,228,619	93,716	94,547	(831)	
General Plant, Amort.-5 Yr	20.0000%	20.0000%	204,378	235,056	209,491	41,898	41,898	-	
Other Plant, Composite	4.6267%	4.5203%			-	-	-	-	
Intangible (403), 3 year	33.3333%	33.3333%	22,403	17,102	21,519	7,173	7,173	-	
Intangible (403), 4 year	25.0000%	25.0000%	64	37	60	15	15	-	
Intangible (403), 5 year	20.0000%	20.0000%	654,482	707,691	663,350	132,670	132,670	-	
Intangible (403), 7 year	14.2857%	14.2857%	-	-	-	-	-	-	
Intangible (403), 15 year	6.6667%	6.6667%	348,459	366,081	351,396	23,426	23,426	-	
Intangible (404), 20 year	5.0000%	5.0000%	89,053	89,053	89,053	4,453	4,453	-	
Intangible (404), 23 year	4.3478%	4.3478%	29,073	29,073	29,073	1,264	1,264	-	
Intangible (404), 30 year	3.3333%	3.3333%	9,558	9,558	9,558	319	319	-	
Subtotal Plant Depr. & Amortization						**$ 1,361,210**	**$ 1,369,753**	$ (8,543)	A-13, C6, p.1, line 5, col. D
Amortization of COL (405)						4,893	4,893	-	A-13, C6, p.1, line 6, col. D
Amort. of Utility Plant Acq. Adj. (406)						5,791	5,791	-	A-13, C6, p.1, line 7, col. D
AFUDC-Reg Asset Amort (407.3)						-	-	-	A-13, C6, p.1, line 8, col. D
Amortization of Monroe Regulatory Asset (407.3)						184,580	184,580	-	A-13, C6, p.1, line 9, col. D
Demand Response (407.3 and 407.4)						(301)	(301)	-	A-13, C6, p.1, line 10, col. D
Amortization of Capitalized Pension (407.3)						-	-	-	A-13, C6, p.1, line 11, col. D
Amortization of Capitalized OPEB and Pension (407.4)						(7,395)	(6,736)	(659)	A-13, C6, p.1, line 12, col. D
Total Depreciation and Amortization Expense						**$ 1,548,778**	**$ 1,557,980**	**$ (9,202)**	A-13, C6, p.1, line 13, col. D

MPSC Case No: U-22046

Requester: Staff

Question No.: JJH-2.1

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 1. Confirm the portion of the test year 13-mth average for line 11, Other Accounts Receivable, on Company Exhibit A-12, Schedule B4, that is related to the Company's Natural Account 100820 - "Accounts Receivable NonUtility/NonCore" and Natural Account 100835 - "Accounts Receivable SD Other (Non Core)".

Answer:

Natural Account		Description		13 mo. average
100820		Accounts Receivable NonUtility/NonCore		$ 16,044,369
100835		Accounts Receivable SD Other (Non Core)		1,968,183
		Total 100820 and 100835		$ 18,012,552

Attachment: *None.*

MPSC Case No: U-22046

Requester: Staff

Question No.: JJH-2.2

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 2. Does the Company agree that a portion of the balance for the accounts in question one above should be removed from the Company's test year working capital since the balances are the result of transactions not necessary for DTE Electric to provide core utility services to its ratepayers? If the Company does agree, please provide the breakdown separating the Non-Utility Related service. If the Company does not agree, please provide an explanation why.

Answer: Although these balances are not due from utility customers, a substantial portion relates to amounts due from others related to providing utility service. Unfortunately, these sub-accounts do not distinguish amounts related to utility service versus non-utility service.

The Company asserts that $5,899,632 of the balance within the accounts in question should be considered non-utility. As shown below, $12,112,920 relates to utility service and should remain in working capital.

Other Accounts Receivable - Accounts 100820 and 100835	
Electric property damage claims due from customers	2,068,929
Home heating credit due from State of Michigan	470,584
Michigan Energy Assistance Program (MEAP)	1,653,274
Fuel Supply Related (railcar leases, gas storage, etc.)	594,238
MI Tax Refund 2021-2023	975,089
DOE settlement credit	3,309,546
Benton Harbor project	2,965,732
Foreign currency adjustment	9,873
2025 PTC	65,654
Subtotal - Utility related	12,112,920
Non-utility related	5,899,632
Total 100820 and 100835	$ 18,012,552

Attachment: *None.*

Michigan Public Service Commission
DTE Electric Company
Staff Universal Lighting Rate Model
Municipal Streetlighting - E1 Option I - Company Owned Overhead & Underground

Case No.: U-22046
Exhibit: S-31.1
Witness: D. W. Isakson
Page: 1 of 2

Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
1	Cost to install Floor	Cost to install Ceiling	New Rate	Feed	Order	Light Count	Total Replacement Cost ($000)	Asset Rate Base -CL ($000)	Required Return ($000)	Depreciation - CL ($000)	O&M Expense CL Only ($000)	Other Tax (allocated by asset base) ($000)	Income Tax (allocated by required revenue) ($000)	Misc	LED Credit ($000)	Lighting Surcharge Adjustment ($000)	Total Required Revenue ($000)	Required Fixed Rate ($/Month)
2	-	1,000	OH-I	OH		1 42,529	42,529	12,962	783	2,173	611	393	89	(30)	168		4,188	8.21
3	1,001	3,000	OH-II	OH		2 55,186	165,559	50,457	3,049	8,460	793	1,531	346	(39)	219		14,358	21.68
4	3,001	4,000	OH-III	OH		3 1,064	4,255	1,297	78	217	15	39	9	(1)	4		363	28.42
5						98,779	212,343	64,715	3,910	10,850	1,419	1,964	444	(70)	391		18,909	
6																		
7																		
8																		
9	4,001	5,000	UG-I	UG		4 12,009	60,045	10,819	654	1,408	364	328	74	(15)	48	(3)	2,857	19.83
10	5,001	6,000	UG-II	UG		5 15,135	90,810	16,362	989	2,129	458	496	112.35	(19)	60	(4)	4,222	23.24
11	6,001	6,500	UG-III	UG		6 30,139	195,904	35,297	2,133	4,593	913	1,071	242.38	(37)	119	(8)	9,025	24.95
12	6,501	7,000	UG-IV	UG		7 14,015	98,102	17,675	1,068	2,300	424	536	121.37	(17)	55	(4)	4,484	26.66
13	7,001	8,000	UG-V	UG		8 2,315	18,519	3,337	202	434	70	101	22.91	(3)	9	(1)	836	30.08
14	8,001	18,000	UG-X	UG		9 1	18	3	0	0	0	0	0.02	(0)	0	(0)	1	64.28
						73,614	463,398	83,493	5,045	10,864	2,229	2,533	573	(90)	291	(20)	21,425	

Michigan Public Service Commission
DTE Electric Company
Staff Universal Lighting Rate Model
Outdoor Protective Lighting - D9 - Overhead & Underground

Case No.: U-22046
Exhibit: S-31.1
Witness: D. W. Isakson
Page: 2 of 2

Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1	Cost to install Floor	Cost to install Ceiling	New Rate	Feed	Order	**Light Count**	**Total Replacement Cost($000)**	**Asset Rate Base - CL($000)**	**Required Return ($000)**	**Depreciation - CL ($000)**	**O&M Expense CL Only ($000)**	**Other Tax (allocated by asset base) ($000)**	**Income Tax (allocated by required revenue) ($000)**	**Misc**	**Lighting Surcharge Adjustment ($000)**	**Total Required Revenue ($000)**	**Required Fixed Rate ($/Month)**
2	-	1,000	OH-I	OH	1	17,669	17,669	5,410	343	801	407	164	29	(59)		1,686	7.95
3	1,001	3,000	OH-II	OH	2	13,298	39,893	12,214	775	1,808	307	370	67	(44)		3,282	20.57
4	3,001	4,000	OH-III	OH	3	1,045	4,181	1,280	81	190	24	39	7	(3)		337	26.88
5						32,012	61,743	18,904	1,200	2,799	738	572	103	(107)		5,305	
6																	
7																	
8																	
9	4,001	5,000	UG-I	UG	4	662	3,312	543	34	80	27	16	3	(4)	(33)	124	15.66
10	5,001	6,000	UG-II	UG	5	2,107	12,644	2,075	132	307	85	63	11	(12)	(104)	481	19.04
11	6,001	6,500	UG-III	UG	6	707	4,593	754	48	112	28	23	4	(4)	(35)	176	20.73
12	6,501	7,000	UG-IV	UG	7	1,677	11,739	1,926	122	285	67	58	11	(10)	(83)	451	22.42
13	7,001	8,000	UG-V	UG	8	24	191	31	2	5	1	1	0	(0)	(1)	7	25.80
14	8,001	18,000	UG-X	UG	9	1	18	3	0	0	0	0	0	(0)	(0)	1	59.60
						5,178	32,497	5,332	338	789	208	161	29	(30)	(255)	1,241	

Michigan Public Service Commission
DTE Electric Company
Projected Revenue Deficiency (Sufficiency)
Projected 12 Month Period Ending February 29, 2028
($000)

Case No.: U-22046
Exhibit: S-1
Schedule: A1
Witness: RFNichols

Line No.	(a) Description	(b) Source	(c) Applicant Projection	(d) Staff Adjustment	(e) Staff Projection
1	Rate Base	Exh. A-12, Sch. B1	$ 25,868,261	$ (468,138)	$ 25,400,124
2	Adjusted Net Operating Income (1)	Exh. A-13, Sch. C1	$ 1,306,547	$ 88,035	$ 1,394,581
3	Overall Rate of Return	Line 2 ÷ Line 1	5.05%	0.44%	5.49%
4	Required Rate of Return	Exh. A-14, Sch. D1	5.97%	-0.22%	5.74%
5	Income Requirements	Line 1 x Line 4	$ 1,543,404	$ (84,465)	$ 1,458,939
6	Income Deficiency (Sufficiency)	Line 5 - Line 2	$ 236,857	$ (172,500)	$ 64,357
7	Revenue Conversion Factor	Exh. A-13, Sch. C2	1.3496	-	1.3496
8	Revenue Deficiency / (Sufficiency)	Line 6 x Line 7	$ 319,671	$ (232,812)	$ 86,859
9	Return On - Tree Trim Regulatory Asset	Exh. A-11, Sch. A1.1	-	-	-
10	Return On - Monroe Regulatory Asset	Exh. A-11, Sch. A1.2	154,674	(2,439)	152,235
11	Revenue Deficiency / (Sufficiency)-Total	Sum Lines 8, 9, 10	$ 474,345	$ (235,251)	$ 239,094

Michigan Public Service Commission
DTE Electric Company
Monroe Regulatory Asset - Return On
Projected 12 Month Period Ending February 29, 2028
($000)

Case No.: U-22046
Exhibit: S-1
Schedule: A1.2
Witness: RFNichols

Line No.	(a) Description	(b) Test Period Amount	(c) Reference
1	**Return on Monroe Regulatory Asset**		
2	Monroe Regulatory Asset - Average Balance	2,296,777	Exhibit A-12, Schedule B4.4, Line 6
3	Pre-tax Weighted Average Cost of Capital 1/	6.63%	Exhibit A-14, Schedule D1, Page 2
4	Return on Monroe Regulatory Asset	152,235	

1/ Pretax WACC as proposed in this case was recalculated using 9% ROE in accordance with U-21193 order dated July 26, 2023

Michigan Public Service Commission
DTE Electric Company
Projected Net Operating Income
Projected 12 Month Period Ending Feb. 29, 2028
($000)

Case No.: U-22046
Exhibit: S-3
Schedule: C1
Witness: RFNichols

Line No.	Description	Source	Applicant Projection	Staff Adjustment	Staff Projection
	(a)	(b)	(c)	(d)	(e)
1	**Operating Revenues**	Exh. A-13, Sch. C3	6,101,635	15,295	6,116,930
2	**Operating Expenses**				
3	Fuel and Purchased Power	Exh. A-13, Sch. C4	1,365,547	2,495	1,368,042
4	Operations and Maintenance Expenses	Exh. A-13, Sch. C5	1,318,746	(56,351)	1,262,395
5	Depreciation and Amortization	Exh. A-13, Sch. C6	1,557,980	(47,688)	1,510,292
6	Property Taxes	Exh. A-13, Sch. C7, C7.1	398,450	(1,755)	396,696
7	Other Taxes	Exh. A-13, Sch. C7	53,637	-	53,637
8	State & Local Income Taxes	Exh. A-13, Sch. C9, C10	70,880	7,325	78,205
9	Federal Income Taxes	Exh. A-13, Sch. C8	129,659	23,233	152,893
10	Other Utility (Income)/Deductions	Exh. A-13, Sch. C13	(2,436)	-	(2,436)
11	Total Operating Expenses		4,892,462	(72,739)	4,819,723
12	**Operating Income**		1,209,172	88,035	1,297,207
13	**Operating Income Adjustments**				
14	Allowance for Funds Used During Construction	Exh. A-13, Sch. C11	99,257	-	99,257
15	Loss on Reaquired Securities	Exh. A-13, Sch. C12	(1,883)	-	(1,883)
16	Total Operating Income Adjustments		97,374	-	97,374
17	**Adjusted Net Operating Income**		1,306,547	88,035	1,394,581

MICHIGAN PUBLIC SERVICE COMMISSION

Case No.: U-22046
Exhibit: S-3
Schedule: C1.1
Witness: RFNichols
Page: 1 of 1

DTE Electric Energy Company
Development of Projected Net Operating Income
for the Test Year Ended February 29, 2028
($000)

		Revenue				Expenses									NOI			
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)
Line No.	Description (Witness)	Sales Revenue	Base Fuel & Purchase Power Rev.	Other Revenue and R2 Rider	Total	Fuel and Purchased Power	Other O&M Expense	Depreciation & Amort.	Property Taxes	Other Taxes	State & Local Income	FIT	Other Utility (Income) / Deductions	Total	NOI	AFUDC	Loss on Reacquired Securities	Adjusted NOI
	Company Filed																	
1	**Operating Income (Direct)**	4,526,651	1,365,547	209,437	6,101,635	1,365,547	1,318,746	1,557,980	398,450	53,637	70,880	129,659	(2,436)	4,892,462	1,209,172	99,257	(1,883)	1,306,547
	Staff Adjustments																	
2					-						-	-		-	-			-
3	**Revenue**				-						-	-		-	-			-
4	Sales (Rademacher)	13,911			13,911						864	2,740		3,604	10,307			10,307
5	RIA Projection (Braunschweig)	1,384			1,384						86	273		359	1,026			1,026
6					-						-	-		-	-			-
7	Fuel & Purchased Power Exp. (Rademacher)				-	2,495					(155)	(491)		1,849	(1,849)			(1,849)
8					-						-	-		-	-			-
9	**Steam Power Generation**				-						-	-		-	-			-
10	Greenwood Outage (Maintenance Outside Test Yr) (Fordice)				-		(3,855)				239	759		(2,856)	2,856			2,856
11	Greenwood Outage (Maintenance Normalization) (Fordice)				-		(3,174)				197	625		(2,352)	2,352			2,352
12	Monroe 1 (Outage Normalization) (Fordice)				-		(12,157)				755	2,394		(9,008)	9,008			9,008
13	BRPP Outage (Maintenance Not Occuring) (Fordice)				-		(3,828)				238	754		(2,836)	2,836			2,836
14	BRPP Conversion Credit (Fordice)				-		189				(12)	(37)		140	(140)			(140)
15	Belle River Fuel Handling (Fordice)				-		(6,824)				424	1,344		(5,056)	5,056			5,056
16	MERC Fuel Handling (Fordice)				-		(2,919)				181	575		(2,163)	2,163			2,163
17					-						-	-		-	-			-
18	**Distribution**				-						-	-		-	-			-
19	Next-Gen AMI (Hansen)				-		(3,642)				226	717		(2,699)	2,699			2,699
20					-						-	-		-	-			-
21	**Corporate Support**				-						-	-		-	-			-
22	C&I Portal Migration (Klocke)				-		(326)				20	64		(241)	241			241
23	Customer Insight Platform (Klocke)				-		(119)				7	23		(88)	88			88
24	Digital Channels Application Health (Klocke)				-		(122)				8	24		(90)	90			90
25	Digital Channels Transformation Program (Klocke)				-		(167)				10	33		(124)	124			124
26	MIGP Customer-Requested Renewable Energy Projects (Klocke)				-		(281)				17	55		(208)	208			208
27	MIGP Low Income Solar Pilot (Klocke)				-		(142)				9	28		(105)	105			105
28	MIGP Scope 3 Billing and Enrollment (Klocke)				-		(322)				20	63		(238)	238			238
29	Outage WISMO, PPS, Map Applicaion Health (Klocke)				-		(657)				41	129		(486)	486			486
30	Regulatory Compliance (Klocke)				-		(400)				25	79		(297)	297			297
31	Self Service Mobile Application Health (Klocke)				-		(122)				8	24		(90)	90			90
32	Web Billing and Profile Management Cloud Migration (Klocke)				-		(332)				21	65		(246)	246			246
33	Web Transaction Application Health (Klocke)				-		(332)				21	65		(246)	246			246
34	Projects with a Level 2 cost estimate (Rogers)				-		(51)				3	10		(38)	38			38
35	Projects with a Level 3 Cost Estimate (Rogers)				-		(1,154)				72	227		(855)	855			855
36	Government Cloud Foundation (Rogers)				-		(26)				2	5		(19)	19			19
37	Real Estate Management (Rogers)				-		(217)				13	43		(161)	161			161
38	Maximo Uplift to Maximo Application System (Rogers)				-		(4,198)				261	827		(3,110)	3,110			3,110
39	Documentum Application Health (Rogers)				-		(65)				4	13		(48)	48			48
40	Everyday Daily Plan (EDDP) Application Health (Rogers)				-		(39)				2	8		(29)	29			29
41	ITS ADMS Application Health (Rogers)				-		(29)				2	6		(21)	21			21
42	Renewable Operations Application Health (Rogers)				-		(11)				1	2		(8)	8			8
43	Information Protection Security (Harris)				-		(46)				3	9		(34)	34			34
44					-						-	-		-	-			-
45	**Pension & Benefits**				-						-	-		-	-			-
46	VEBA				-		(1,308)				81	258		(969)	969			969
47	Employee Savings Plan				-		(1,575)				98	310		(1,167)	1,167			1,167
48	Active Healthcare				-		(3,838)				238	756		(2,844)	2,844			2,844
49					-						-	-		-	-			-
50	Total O&M - Inflation (Rueckert)				-		(4,263)				265	840		(3,159)	3,159			3,159
51					-						-	-		-	-			-
52											-	-		-	-			-
53	Impact of Cap Ex Adj on Prop. Tax & Depr. (Hecht)							(38,486)	(1,755)		2,499	7,926		(29,816)	29,816			29,816
54	Correct filed depreciation rates for incorrect plant balances used to derivie weighted average depr. rates. (Hecht)							(9,202)			571	1,812		(6,818)	6,818			6,818
55	Proforma Interest (Nichols)				-						(39)	(123)		(162)	162			162
56	Interest Synchronization (Nichols)	-	-	-	-	-	-	-	-	-	(1)	(2)	-	(2)	2	-	-	2
57	**Total Adjustments**	15,295	-	-	15,295	2,495	(56,351)	(47,688)	(1,755)	-	7,325	23,233	-	(72,739)	88,035	-	-	88,035
58	**Staff NOI - Test Year**	4,541,946	1,365,547	209,437	6,116,930	1,368,042	1,262,395	1,510,292	396,696	53,637	78,205	152,893	(2,436)	4,819,723	1,297,207	99,257	(1,883)	1,394,581

Michigan Public Service Commission
DTE Electric Company
Projected Tax Effect of Interest Allowed in Ratemaking Formu
12 Months Ended 12/31/2025 and 2/29/2028
($000)

Case No.: U-22046
Exhibit: S-3
Schedule: C14
Witness: RFNichols

Line No.	(a) Description	(b) Projected 2/29/2028	(c) Source
1	Rate Base	$ 25,400,124	Exh.S-2, Sch. B1
2	Weighted Cost of Debt (1)	1.85%	Exh., Sch.
3	Interest Allowed in Ratemaking Formula	$ 469,330	Line 1 x Line 2
4	Applicant Projection	$ 468,707	WP-KMV-3
5	Increase / (Decrease) in Interest Deduction	$ 623	Line 3 - Line 4
6	Composite State and Municipal Income Tax Rate	6.21%	Exh. A-13, Sch. C2
7	Effect on State and Municipal Income Tax Expense	$ (39)	(Line 5 x Line 6) x -1
8	Effect on Federal Taxable Income	$ (584)	(Line 5 + Line 7) x -1
9	Federal Income Tax Rate	21.00%	Exh. S-3, Sch. C2
10	Effect on Federal Income Tax Expense	$ (123)	Line 8 x Line 9
11	Total Tax Effect on Net Operating Income	$ 162	(Line 7 + Line 10) x -1

(1) Includes Short and Long-Term Interest

Michigan Public Service Commission
DTE Electric Company
Projected Tax Effect of Interest Synchronization Adjustment
Projected 12 Month Period Ending February 29, 2028
($000)

Case No.: U-22046
Exhibit: S-3
Schedule: C15
Witness: RFNichols

Line No.	(a) Description	(b) Projection	(b) Source
1	Rate Base	25,400,124	Exh. S-2, Sch. B-1
2	Weight of JDITC Reserve - Debt	0.10%	Exh. S-4, Sch. D-1
3	Cost of Long-Term Debt	4.46%	Exh. S-4, Sch. D-1
4	Imputed Interest	1,120	L1 x L2 x L3
5	Applicant Projection	1,111	Exh. A-12, Sch. C15
6	Interest Deduction Change	8	Line 4 - Line 5
7	Composite State and Municipal Income Tax Rate	6.21%	A-13, Sch. C2
8	Effect on State and Municipal Income Tax Expense	(1)	(Line 5 x Line 6) x -1
9	Imputed Effect on Federal Taxable Income	8	(Line 5 + Line 7) x -1
10	Federal Income Tax Rate	21.00%	Exh. S-3, Sch. C2
11	Imputed Effect on Fed. Income Tax Expense	(2)	Line 8 x Line 9
12	Synchronization Tax Adjustment to NOI	2	(Line 7 + Line 10) x -1

DTE Electric Company
Staff's Cost of Service Study, Production by Customer Class
TME February 29, 2028
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.1
Witness: M.J. Pung
Page: 1 of 4

Production by Class

Cost of Service Study

PRODUCTION COSTS

		(a) Total Electric	(b) ESA	(c) Total Electric Excl. ESA	(d) Total Residential	(e) Total Commercial Secondary	(f) Total Primary	(g) E-1 St Lgt D9 OPL E-2 Signals
1	Rate Base	10,566,318	651,618	9,914,700	4,810,719	2,488,697	2,593,079	22,206
	Revenues:							
2	Revenue From Electric Sales	3,164,474	-	3,164,474	1,402,042	812,193	939,693	10,546
3	D13 Present Revenue	-	-	-	-	-	-	-
4	Misc Revenue	126,409	96,120	30,289	21,825	4,840	3,574	51
5	Total Adjusted Revenues	3,290,884	96,120	3,194,763	1,423,867	817,032	943,267	10,596
	Expenses:							
6	Fuel	886,728	-	886,728	371,571	229,634	281,401	4,121
7	Purchased Power	481,314	-	481,314	195,217	115,337	168,960	1,800
8	O & M Expense	463,823	5,500	458,322	202,018	117,438	137,122	1,745
9	Depreciation	648,291	35,968	612,323	302,287	152,907	155,942	1,187
10	Other (Reg Assets, etc)	-	-	-	-	-	-	-
11	Remove Reg Assets	-	-	-	-	-	-	-
12	Accretion of Loss/ Gain on Sale	-	-	-	-	-	-	-
13	Other Taxes	126,157	6,320	119,837	57,851	30,121	31,587	277
14	Income Taxes	108,894	10,905	97,990	45,694	26,246	25,827	223
15	Amortizations	-	-	-	-	-	-	-
16	Total Expenses	2,715,207	58,692	2,656,515	1,174,638	671,684	800,840	9,352
17	Net Oper Income	575,676	37,428	538,249	249,229	145,348	142,427	1,244
18	AFUDC & Other	65,381	-	65,381	32,255	16,329	16,669	128
19	Net Adjustments	285	-	285	138	72	75	1
20	Adj Net Oper Income	641,343	37,428	603,915	281,623	161,749	159,171	1,372
21	Rate of Return	6.07%	5.74%	6.09%	5.85%	6.50%	6.14%	6.18%
22	Return @ 5.74382502995136 %	606,911	37,428	569,483	276,319	142,946	148,942	1,275
23	Income Deficiency	(34,432)	-	(34,432)	(5,304)	(18,803)	(10,229)	(97)
24	Base Revenue Def / (Sufficiency)	(46,470)	-	(46,470)	(7,158)	(25,377)	(13,805)	(131)
25	Tree Trim Surge Rev Req (Dist Only)	-	-	-	-	-	-	-
26	Monroe Reg Asset Rev Req (Prod Only)	152,235	-	152,235	75,103	38,022	38,813	297
27	Base Revenue Def/ (Sufficiency) w Tree Trim Surge & Monroe	105,765	-	105,765	67,945	12,645	25,008	166
28	Less: D13 Incremental Revenues	-	-	-	-	-	-	-
29	R10 Tax Gross-Up Adjustment (Prod Only)	(0)	-	(0)	1	0	(1)	0
30	**Total Revenue Def/ (Sufficiency)**	**105,765**	**-**	**105,765**	**67,946**	**12,646**	**25,007**	**166**
31	**Total Base Revenue Requirement**	**3,270,239**	**-**	**3,270,239**	**1,469,988**	**824,838**	**964,700**	**10,712**

DTE Electric Company
Staff's Cost of Service Study, Production by Customer Class
TME February 29, 2028
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.1
Witness: M.J. Pung
Page: 2 of 4

Production by Class

Cost of Service Study

PRODUCTION COSTS

		(h) D-1.11/Other Residential Service	(i) D-1.2 Time Of Use	(j) D-2 Residential Space Ht	(k) Total Residential	(l) D-3/Other General Service	(m) D-3.2 Secondary Schools	(n) D-4 Lg Genl Service	(o) Total Commercial Secondary
1	Rate Base	4,654,911	96,473	59,334	4,810,719	2,009,354	82,570	396,773	2,488,697
	Revenues:								
2	Revenue From Electric Sales	1,352,144	29,901	19,997	1,402,042	653,120	27,326	131,747	812,193
3	D13 Present Revenue	-	-	-	-	-	-	-	-
4	Misc Revenue	21,147	367	311	21,825	4,139	122	579	4,840
5	Total Adjusted Revenues	1,373,290	30,269	20,308	1,423,867	657,258	27,448	132,326	817,032
	Expenses:								
6	Fuel	356,149	9,014	6,408	371,571	183,791	7,832	38,011	229,634
7	Purchased Power	187,648	4,557	3,012	195,217	92,301	3,902	19,134	115,337
8	O & M Expense	194,347	4,629	3,042	202,018	94,087	3,964	19,387	117,438
9	Depreciation	292,777	5,928	3,582	302,287	123,618	5,055	24,234	152,907
10	Other (Reg Assets, etc)	-	-	-	-	-	-	-	-
11	Remove Reg Assets	-	-	-	-	-	-	-	-
12	Accretion of Loss/ Gain on Sale	-	-	-	-	-	-	-	-
13	Other Taxes	55,966	1,167	719	57,851	24,309	1,000	4,812	30,121
14	Income Taxes	44,362	783	549	45,694	21,278	871	4,097	26,246
15	Amortizations	-	-	-	-	-	-	-	-
16	Total Expenses	1,131,249	26,077	17,312	1,174,638	539,384	22,624	109,676	671,684
17	Net Oper Income	242,041	4,192	2,997	249,229	117,874	4,824	22,651	145,348
18	AFUDC & Other	31,240	633	383	32,255	13,201	540	2,589	16,329
19	Net Adjustments	134	3	2	138	58	2	11	72
20	Adj Net Oper Income	273,414	4,827	3,381	281,623	131,132	5,366	25,251	161,749
21	Rate of Return	5.87%	5.00%	5.70%	5.85%	6.53%	6.50%	6.36%	6.50%
22	Return @ 5.74382502995136 %	267,370	5,541	3,408	276,319	115,414	4,743	22,790	142,946
23	Income Deficiency	(6,044)	714	27	(5,304)	(15,719)	(623)	(2,461)	(18,803)
24	Base Revenue Def / (Sufficiency)	(8,158)	963	36	(7,158)	(21,214)	(841)	(3,321)	(25,377)
25	Tree Trim Surge Rev Req (Dist Only)	-	-	-	-	-	-	-	-
26	Monroe Reg Asset Rev Req (Prod Only)	72,738	1,474	891	75,103	30,737	1,257	6,028	38,022
27	Base Revenue Def/ (Sufficiency) w Tree Trim Surge	64,580	2,438	928	67,945	9,523	416	2,707	12,645
28	Less: D13 Incremental Revenues	-	-	-	-	-	-	-	-
29	R10 Tax Gross-Up Adjustment (Prod Only)	1	0	0	1	0	0	0	0
30	**Total Revenue Def/ (Sufficiency)**	**64,581**	**2,438**	**928**	**67,946**	**9,523**	**416**	**2,707**	**12,646**
31	**Total Base Revenue Requirement**	**1,416,724**	**32,339**	**20,925**	**1,469,988**	**662,643**	**27,742**	**134,454**	**824,838**

DTE Electric Company
Staff's Cost of Service Study, Production by Customer Class
TME February 29, 2028
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.1
Witness: M.J. Pung
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Production by Class

Cost of Service Study

PRODUCTION COSTS

		(p) D-11/Other Primary	(q) D-6.2 Primary Schools	(r) D-8 Interrupt Supply	(s) R-1.1/R-1.2 Metal Melt Process Heat	(t) R-10 Interrupt Supply	(u) Total Primary
1	Rate Base	2,368,208	89,503	83,163	52,205	(0)	2,593,079
	Revenues:						
2	Revenue From Electric Sales	816,398	29,474	32,586	22,871	38,364	939,693
3	D13 Present Revenue	-	-	-	-	-	-
4	Misc Revenue	3,237	116	130	90	-	3,574
5	Total Adjusted Revenues	819,636	29,590	32,716	22,962	38,364	943,267
	Expenses:						
6	Fuel	247,584	7,923	11,266	8,275	6,354	281,401
7	Purchased Power	124,161	4,046	5,144	3,593	32,016	168,960
8	O & M Expense	124,369	4,130	5,093	3,530	0	137,122
9	Depreciation	142,693	5,519	4,810	2,921	-	155,942
10	Other (Reg Assets, etc)	-	-	-	-	-	-
11	Remove Reg Assets	-	-	-	-	-	-
12	Accretion of Loss/ Gain on Sale	-	-	-	-	-	-
13	Other Taxes	28,840	1,083	1,020	644	-	31,587
14	Income Taxes	23,357	1,044	824	602	-	25,827
15	Amortizations	-	-	-	-	-	-
16	Total Expenses	691,004	23,745	28,156	19,566	38,370	800,840
17	Net Oper Income	128,632	5,844	4,560	3,396	(5)	142,427
18	AFUDC & Other	15,252	589	515	313	-	16,669
19	Net Adjustments	68	3	2	2	-	75
20	Adj Net Oper Income	143,952	6,436	5,078	3,711	(5)	159,171
21	Rate of Return	6.08%	7.19%	6.11%	7.11%	2192150.81%	6.14%
22	Return @ 5.74382502995136 %	136,026	5,141	4,777	2,999	(0)	148,942
23	Income Deficiency	(7,926)	(1,295)	(301)	(712)	5	(10,229)
24	Base Revenue Def / (Sufficiency)	(10,697)	(1,748)	(406)	(961)	7	(13,805)
25	Tree Trim Surge Rev Req (Dist Only)	-	-	-	-	-	-
26	Monroe Reg Asset Rev Req (Prod Only)	35,513	1,372	1,199	729	-	38,813
27	Base Revenue Def/ (Sufficiency) w Tree Trim Surge	24,816	(376)	793	(232)	7	25,008
28	Less: D13 Incremental Revenues	-	-	-	-	-	-
29	R10 Tax Gross-Up Adjustment (Prod Only)	0	0	0	0	(2)	(1)
30	**Total Revenue Def/ (Sufficiency)**	**24,817**	**(376)**	**793**	**(232)**	**5**	**25,007**
31	**Total Base Revenue Requirement**	**841,215**	**29,098**	**33,379**	**22,639**	**38,370**	**964,700**

DTE Electric Company
Staff's Cost of Service Study, Production by Customer Class
TME February 29, 2028
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.1
Witness: M.J. Pung
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Production by Class

Cost of Service Study

PRODUCTION COSTS

		(v)	(w)	(x)	(y)
		D-9 OPL Residential	D-9 OPL Commercial	E-1 St Lght	E-2 Signals
1	Rate Base	473	1,986	9,101	10,646
	Revenues:				
2	Revenue From Electric Sales	277	1,155	5,232	3,883
3	D13 Present Revenue	-	-	-	-
4	Misc Revenue	1	5	29	15
5	Total Adjusted Revenues	278	1,159	5,261	3,898
	Expenses:				
6	Fuel	119	498	2,285	1,219
7	Purchased Power	49	205	939	607
8	O & M Expense	47	196	898	604
9	Depreciation	23	95	438	631
10	Other (Reg Assets, etc)	-	-	-	-
11	Remove Reg Assets	-	-	-	-
12	Accretion of Loss/ Gain on Sale	-	-	-	-
13	Other Taxes	6	25	116	130
14	Income Taxes	5	21	88	108
15	Amortizations	-	-	-	-
16	Total Expenses	248	1,041	4,765	3,299
17	Net Oper Income	30	119	496	599
18	AFUDC & Other	2	10	47	67
19	Net Adjustments	0	0	0	0
20	Adj Net Oper Income	32	129	544	667
21	Rate of Return	6.85%	6.50%	5.98%	6.26%
22	Return @ 5.74382502995136 %	27	114	523	611
23	Income Deficiency	(5)	(15)	(21)	(55)
24	Base Revenue Def / (Sufficiency)	(7)	(20)	(29)	(75)
25	Tree Trim Surge Rev Req (Dist Only)	-	-	-	-
26	Monroe Reg Asset Rev Req (Prod Only)	6	24	110	157
27	Base Revenue Def/ (Sufficiency) w Tree Trim Surge	(1)	4	82	82
28	Less: D13 Incremental Revenues	-	-	-	-
29	R10 Tax Gross-Up Adjustment (Prod Only)	0	0	0	0
30	**Total Revenue Def/ (Sufficiency)**	**(1)**	**4**	**82**	**82**
31	**Total Base Revenue Requirement**	**275**	**1,158**	**5,313**	**3,965**

DTE Electric Company
Staff's Cost of Service Study, Distribution by Voltage Class
TME February 29, 2028
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.2
Witness: M.J. Pung
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Distribution by Voltage

Cost of Service Study

DISTRIBUTION COSTS

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Total Electric	Residential Secondary	Commercial Secondary	Primary	Subtransmission	Transmission	D-9 OPL Residential	D-9 OPL Commercial	E-1 St Lght	E-2 Signals
1	Rate Base	14,833,805	9,151,148	4,090,306	1,074,515	87,756	117,498	13,824	33,999	254,530	10,230
	Revenues:										
2	Revenue From Electric Sales	2,746,633	1,700,716	761,090	189,106	10,492	12,714	2,058	8,463	60,002	1,992
3	D13 Present Revenue	-	-	-	-	-	-	-	-	-	-
4	Misc Revenue	79,414	70,240	6,094	(2,965)	1,957	3,547	10	261	275	(6)
5	Total Adjusted Revenues	2,826,047	1,770,956	767,185	186,141	12,449	16,261	2,069	8,723	60,277	1,987
	Expenses:										
6	Fuel	-	-	-	-	-	-	-	-	-	-
7	Purchased Power	-	-	-	-	-	-	-	-	-	-
8	O & M Expense	798,572	538,846	195,487	45,280	2,072	3,493	553	1,770	10,522	550
9	Depreciation	862,001	532,474	232,295	53,322	3,689	4,299	1,656	3,607	30,096	562
10	Other (Reg Assets, etc)	-	-	-	-	-	-	-	-	-	-
11	Remove Reg Assets	-	-	-	-	-	-	-	-	-	-
12	Accretion of Loss/ Gain on Sale	-	-	-	-	-	-	-	-	-	-
13	Other Taxes	324,176	200,295	86,842	23,174	1,909	2,572	438	1,010	7,723	214
14	Income Taxes	122,203	72,642	36,571	9,330	695	861	(76)	337	1,748	95
15	Amortizations	-	-	-	-	-	-	-	-	-	-
16	Total Expenses	2,106,952	1,344,256	551,195	131,106	8,365	11,225	2,571	6,723	50,088	1,422
17	Net Oper Income	719,094	426,699	215,990	55,034	4,084	5,036	(502)	2,000	10,188	565
18	AFUDC & Other	*33,692*	*20,785*	*9,290*	*2,441*	*199*	*267*	*31*	*77*	*578*	*23*
19	Net Adjustments	453	279	125	33	3	4	0	1	8	0
20	Adj Net Oper Income	753,239	447,764	225,405	57,508	4,286	5,306	(470)	2,078	10,774	588
21	Rate of Return	5.08%	4.89%	5.51%	5.35%	4.88%	4.52%	-3.40%	6.11%	4.23%	5.75%
22	Return @ 5.74382502995136 %	852,028	525,626	234,940	61,718	5,041	6,749	794	1,953	14,620	588
23	Income Deficiency	98,789	77,862	9,535	4,210	754	1,443	1,265	(125)	3,845	(1)
24	Base Revenue Def / (Sufficiency)	133,329	105,086	12,869	5,683	1,018	1,947	1,707	(169)	5,190	(1)
25	Tree Trim Surge Rev Req (Dist Only)	-	-	-	-	-	-	-	-	-	-
26	Monroe Reg Asset Rev Req (Prod Only)	-	-	-	-	-	-	-	-	-	-
27	Base Revenue Def/ (Sufficiency) w Tree Trim Surge & Monroe	133,329	105,086	12,869	5,683	1,018	1,947	1,707	(169)	5,190	(1)
28	Less: D13 Incremental Revenues	-	-	-	-	-	-	-	-	-	-
29	R10 Tax Gross-Up Adjustment (Prod Only)	-	-	-	-	-	-	-	-	-	-
30	**Total Revenue Def/ (Sufficiency)**	**133,329**	**105,086**	**12,869**	**5,683**	**1,018**	**1,947**	**1,707**	**(169)**	**5,190**	**(1)**
31	**Total Base Revenue Requirement**	**2,879,962**	**1,805,801**	**773,959**	**194,788**	**11,510**	**14,661**	**3,765**	**8,294**	**65,192**	**1,991**

DTE Electric Company
Staff's Customer Charges by Voltage Class
(thousands of dollars)

Case No. U-22046
Exhibit: S-6
Schedule: F1.4
Witness M.J. Pung
Page: 1 of 1

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Account	Residential	Commercial Secondary	Primary	Sub-Trans	Transmission	Total
	Dist Operation Exp:						
1	586 Meters	$ 5,666	$ 874	$ 78	$ 5	$ 4	$ 6,627
2	587 Customer Installs	380	59	5	0	0	444
3							
4	**Dist Maintenance Exp:**						
5	597 Meters	-	-	-	-	-	-
6							
7	**Customer Accounts**						
8	901 Supervision	1,410	146	2	0	0	1,558
9	902 Meter Read	2,062	318	29	2	1	2,411
10	903 Customer Records	67,062	6,874	93	3	2	74,034
11	905 Miscellaneous	-	-	-	-	-	-
12							
13	**Cust Serv & Inf**						
14	907 Supervision	665	68	1	0	0	734
15	908 Customer Assist	12,651	1,297	17	1	0	13,966
16	909 Info & Instr	0	0	0	0	0	0
17	910 Miscellaneous	3,236	332	4	0	0	3,572
18							
19	**Depreciation Expense**						
20	369 Services Depreciation Expense	31,744	4,461	470	103	258	37,036
21	370 Meters Depreciation Expense	22,474	3,469	311	18	15	26,287
22							
23	**Return on Meters and Services in Rate Base**						
24	**Plant**						
25	369 Services	$ 538,608	$ 75,426	$ 7,738	$ 1,689	$ 4,254	$ 627,715
26	370 Meters	474,809	73,280	6,576	382	325	555,372
27	**CWIP**						
28	369 Services	3,933	454	(27)	(6)	(15)	4,340
29	370 Meters	37,499	5,787	519	30	26	43,862
30	**Reserve**						
31	369 Services	408,865	57,548	6,124	1,337	3,367	477,240
32	370 Meters	153,319	23,663	2,123	123	105	179,333
33							
34	**Rate base**	$ 492,664	$ 73,738	$ 6,559	$ 635	$ 1,118	$ 574,714
35							
36	Weighted average cost of capital (WACC)	5.74%	5.74%	5.74%	5.74%	5.74%	5.74%
37							
38	Return (Line 34 * Line 36)	$ 28,298	$ 4,235	$ 377	$ 36	$ 64	$ 33,011
39							
40	**Property Tax**						
41	Property Tax on meters and services	$ 14,371	$ 6,373	$ 1,710	$ 142	$ 189	22,785
42							
43	**Total Customer Related Cost**	**$ 190,018**	**$ 28,505**	**$ 3,098**	**$ 309**	**$ 535**	**$ 222,465**
44							
45	Customers	2,099,224	215,173	2,896	88	73	2,317,453
46	Cost per Customer per Year	90.52	132.48	1,069.90	3,527.47	7,341.20	
47							
48	**Cost per Customer per Month**	**$ 7.54**	**$ 11.04**	**$ 89.16**	**$ 293.96**	**$ 611.77**	

DTE Electric Company
Staff's Capacity Charge Revenue Requirement by Customer Class /
SRM Capacity Charge
(thousands of dollars)

Case No. U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung

CAPACITY CHARGE

Cost of Service Study

75-0-25

PRODUCTION COSTS

		(a)	(b)	(c)	(d)	(e)
		Total Electric Excl. ESA	Total Residential	Total Commercial Secondary	Total Primary	E-1 St Lgt D9 OPL E-2 Signals
	CAPACITY COSTS DETERMINATION					
1	Net Production Costs Rev. Req. (Exh A-16 Sch F1.1 Line 31)	$ 3,270,239				
2	Less Fuel (Exh A-16 Sch F1.1 Line 6)	(886,728)				
3	Less MERC Rev Req (Exh A-16 Sch F1.5 Page 6 Line 9)	(445)				
4	Less MISO Energy in PP (Exh A-13 Sch C4 Lines 21-22)	(32,288)				
5	Less Other Energy in PP (WP A16 F1 Sch 11 Page 5 Col (c) line 8)	(283,281)				
6	Less Variable O&M (Exh A-16 Sch F1.5 Page 5 Line 8)	(31,802)				
7	Subtotal	$ 2,035,696				
8						
9	Proj 2027 Energy Sales Rev Net of Fuel (Exh A-26 Sch P3 Line 23)	(932,277)				
10						
11	Capacity Revenue Requirement (Line 7 + Line 9)	$ 1,103,419				
12						
13	SRM Capacity Charge Demand (DTE 2025 10-K, Page 9 / net gen capacity 12,414 MW + long-term contracts 609 MW)	13,023 MW				
14						
15	SRM Capacity Charge per MW-Year (Line 11 / Line 13 x 1,000)	84,729				
16						
17	SRM Capacity Charge per MW-Day (Line 15 / 365)	232.13				
18						
19	**Allocator**					
20	Sch 200B 4 CP Excl R10 (Allocator 251)	100.0000	52.4289	24.6004	22.8844	0.0863
21						
22	**Revenue Requirement**					
23	Capacity Revenue Requirement (Line 11 * Line 20/100)	$ 1,103,419	$ 578,510	$ 271,446	$ 252,511	$ 953
24	Non-Capacity Revenue Requirement (Line 25 less Line 23)	2,166,820	891,478	553,393	712,189	9,760
25	Total Production Revenue Requirement (Exh A-16 Sch F1.1 Line 31)	$ 3,270,239	$ 1,469,988	$ 824,838	$ 964,700	$ 10,712

DTE Electric Company
Staff's Capacity Charge Revenue Requirement by Customer Class /
SRM Capacity Charge
(thousands of dollars)

Case No. U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung
Page: 2 of 6

CAPACITY CHARGE

Cost of Service Study

75-0-25
PRODUCTION COSTS

		(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
		D-1.11/Other Residential Service	D-1.2 Time Of Use	D-2 Residential Space Ht	Total Residential	D-3/Other General Service	D-3.2 Secondary Schools	D-4 Lg Genl Service	Total Commercial Secondary
	Allocator								
20	Sch 200B 4 CP Excl R10 (Allocator 251)	50.9447	0.9438	0.5403	52.4289	19.9973	0.8030	3.8000	24.6004
	Revenue Requirement								
23	Capacity Revenue Requirement (Line 11 * Line 20/100)	$ 562,133	$ 10,415	$ 5,962	$ 578,510	$ 220,655	$ 8,861	$ 41,930	$ 271,446
24	Non-Capacity Revenue Requirement (Line 25 less Line 23)	854,591	21,925	14,963	891,478	441,988	18,881	92,524	553,393
25	Total Production Revenue Requirement (Exh A-16 Sch F1.1 Line 31)	$ 1,416,724	$ 32,339	$ 20,925	$ 1,469,988	$ 662,643	$ 27,742	$ 134,454	$ 824,838

DTE Electric Company
Staff's Capacity Charge Revenue Requirement by Customer Class /
SRM Capacity Charge
(thousands of dollars)

Case No. U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung

CAPACITY CHARGE

Cost of Service Study

75-0-25
PRODUCTION COSTS

		(n)	(o)	(p)	(q)	(r)	(s)
		D-11/Other Primary	D-6.2 Primary Schools	D-8 Interrupt Supply	R-1.1/R-1.2 Metal Melt Process Heat	R-10 Interrupt Supply	Total Primary
	Allocator						
20	Sch 200B 4 CP Excl R10 (Allocator 251)	21.0756	0.9014	0.5984	0.3090	-	22.8844
	Revenue Requirement						
23	Capacity Revenue Requirement (Line 11 * Line 20/100)	$ 232,553	$ 9,946	$ 6,603	$ 3,410	$ -	$ 252,511
24	Non-Capacity Revenue Requirement (Line 25 less Line 23)	608,662	19,152	26,776	19,229	38,370	712,189
25	Total Production Revenue Requirement (Exh A-16 Sch F1.1 Line 31)	$ 841,215	$ 29,098	$ 33,379	$ 22,639	$ 38,370	$ 964,700

-

DTE Electric Company
Staff's Capacity Charge Revenue Requirement by Customer Class /
SRM Capacity Charge
(thousands of dollars)

Case No. U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung
Page: 4 of 6

CAPACITY CHARGE

Cost of Service Study

75-0-25
PRODUCTION COSTS

		(t)	(u)	(v)	(w)
		D-9 OPL Residential	D-9 OPL Commercial	E-1 St Lght	E-2 Signals
	Allocator				
20	Sch 200B 4 CP Excl R10 (Allocator 251)	-	-	-	0.0863
	Revenue Requirement				
23	Capacity Revenue Requirement (Line 11 * Line 20/100)	$ -	$ -	$ -	$ 953
24	Non-Capacity Revenue Requirement (Line 25 less Line 23)	275	1,158	5,313	3,013
25	Total Production Revenue Requirement (Exh A-16 Sch F1.1 Line 31)	$ 275	$ 1,158	$ 5,313	$ 3,965

DTE Electric Company
Staff's Variable Production OM Costs
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung
Page: 5 of 6

		(a) Total O&M	(b) Labor O&M	(c) Variable O&M (a)-(b)
	POWER PRODUCTION EXPENSES			
1	501 Fuel Handling 1/	$ 15,450	$ -	$ 15,450
2	502 Steam Expenses 2/	11,325	14,143	$ -
3	505 Electric Expenses 2/	1,105	2,062	$ -
4	519 Coolants and Water	4,862	2,134	$ 2,728
5	520 Steam Expenses	19,102	14,822	$ 4,279
6	538 Electric Expense	1,433	-	$ 1,433
7	548 Peaker Expense	7,949	39	7,911
8	TOTAL	$ 61,226	$ 33,201	$ 31,802

1/ Labor O&M deduction in 501 Fuel Handling eliminated per U-20836 Order
2/ Normalized to eliminate negative variable O&M

DTE Electric Company
Staff's MERC Revenue Requirement for Capacity Charge Calculation
(thousands of dollars)

Case No.: U-22046
Exhibit: S-6
Schedule: F1.5
Witness: M.J. Pung
Page: 6 of 6

			(a)
		Source	Amount
	MERC		
1	Gross Plant in Service	WP A16 F1 Sch 5	$ -
2	Less: Accumulated Depreciation	WP A16 F1 Sch 6	-
3	CWIP	WP A16 F1 Sch 8	-
4	Net Plant	Sum Lines 1 - 3	-
5	Weighted Average Cost of Capital	Exh S-6, Sch F1.1	5.74%
6	Return	Line 4 x Line 5	$ -
7	Depreciation Expense	WP A16 F1 Sch 7	-
8	Property Tax	WP A16 F1 Sch 17	445
9	MERC Revenue Requirement	Sum Lines 6 - 8	$ 445

Michigan Public Service Commission
DTE Electric Company
Projected 2027 Energy Sales Revenue
(in $000's)

Case No.: U-22046
Workpaper: WP-SDB-1
Witness: S. Burgdorf

Resource	2027 Energy Market Revenue
Belle_River_1_DTE_Only	$ -
Belle_River_2_DTE_Only	$ -
Monroe_1	$ 182,199
Monroe_2	$ 209,475
Monroe_3	$ 214,408
Monroe_4	$ 186,010
Purchase_Landfill_Gas	$ 7,582
Purchase_PA2_and_PURPA	$ 7,123
Blue_Water_Energy_Center	$ 402,866
Ford_Combined_Heat_Power	$ 10,861
Belle River CTG 12_1	$ 3,454
Belle River CTG 12_2	$ 3,593
Belle River CTG 13	$ 3,782
Dean 12	$ 7,696
Dean 34	$ 8,215
Delray CTG 11	$ 683
Delray CTG 12	$ 484
Greenwood CTG 11_1	$ 1,931
Greenwood CTG 11_2	$ 1,886
Greenwood CTG 12	$ 2,200
Hancock CTG 11_1	$ -
Hancock CTG 11_3	$ -
Hancock CTG 12_1	$ 129
Hancock CTG 12_2	$ 122
Northeast CTG 11_2	$ -
Northeast CTG 11_3	$ -
Northeast CTG 11_4	$ -
Northeast CTG 12	$ -
Northeast CTG 13_1	$ -
Northeast CTG 13_2	$ -
Renaissance CTG 1	$ 9,340
Renaissance CTG 2	$ 8,981
Renaissance CTG 3	$ 9,096
Renaissance CTG 4	$ 9,465
St Clair CTG 11	$ 224
Belle River DG 11	$ -
Colfax DG 11	$ -
Fermi CTG 11_2	$ -
Fermi CTG 11_3	$ -
Fermi CTG 11_4	$ -
Monroe DG 11	$ -
Oliver DG 11	$ -
Placid DG 12	$ -
Putnam DG 11	$ -
Superior CTG 11_1	$ -
Superior CTG 11_2	$ -
Superior CTG 11_3	$ -
Superior CTG 11_4	$ -
Wilmot DG 11	$ -
Belle_River_1_DTE_Gas	$ 50,470
Belle_River_2_DTE_Gas	$ 42,501
Greenwood	$ 60,736
Fermi_2	$ 413,758
2028 PPA - IRP Solar	$ -
2029 Generic Solar - RFP	$ -
2029 PPA - IRP Solar	$ -
2030 Generic Solar- RFP	$ -
2030 PPA - IRP Solar	$ -

Au Gres - RFP	$	-
Bull Run - RFP	$	-
Cedar Fields - RFP	$	7,698
Clifford - RFP	$	-
Cold Water River - IRP	$	14,137
Demille/Turrill/O'Shea	$	3,237
DTE Owned Solar Currents	$	719
Eagle Creek - RFP	$	7,262
Elmwood - RFP	$	-
Ford	$	44
Freeland - RFP	$	-
Freshwater II - RFP	$	246
Grand Lake - RFP	$	-
Peatville - RFP	$	-
Poseyville - RFP	$	-
River Fork - Ranger Power	$	4,691
Round Lake - RFP	$	-
Strasburg - RFP	$	-
Willow Creek - RFP	$	-
2030 PPA - IRP Wind	$	-
Big Turtle Wind Farm	$	3,054
Brookfield	$	11,326
ECHO	$	17,616
Gratiot	$	10,500
Heritage SC / Garden Peninsula	$	3,470
Invenergy - Gratiot	$	12,400
McKinley	$	2,352
Meridian	$	25,646
Minden	$	5,126
NextEra - Pheasant Run I	$	11,609
NextEra - Tuscola Bay	$	16,636
NextEra - Tuscola Wind II	$	13,654
Pine River	$	17,520
Pinnebog	$	7,738
Polaris	$	20,751
Sigel	$	11,321
Slocum_ESR	$	427
Trenton Battery_220_MW	$	7,202
Ludington_1_DTE_Only	$	7,576
Ludington_2_DTE_Only	$	(5,400)
Ludington_3_DTE_Only	$	5,366
Ludington_4_DTE_Only	$	-
Ludington_5_DTE_Only	$	7,655
Ludington_6_DTE_Only	$	8,339
Total Modeled Energy Market Revenue	$	2,119,192
Projected 2027 Energy Market Sales	$	2,067,126
Projected 2027 Off-System Energy Sales	$	-
Projected 2027 Unit Specific Bilateral Energy Sales	$	-
Projected 2027 Regulation, Spinning, and Supplemental Ancillary Services Sales	$	6,381
Projected 2027 Schedule 2 Reactive Ancillary Services Revenue	$	-
Total Projected 2027 Energy Sales Revenue	$	2,073,506

Michigan Public Service Commission
DTE Electric Company
STAFF Projected Operating Revenue
Projected 12 Month Period Ending Feb. 29, 2028
($000)

Case No.: U-22046
Exhibit: S-3
Schedule: C3
Witness: N.C.Rademacher
Page: 1 of 2

Line No.	(a) Description	(b) Adj. Historical 12 mos. ended 12/31/25	(c) Projection Adjustments	(d) Test 12 mos. ending 2/29/28	Projection Adjustments	Staff 12 mos. ending 2/29/28	(e) Reference
1	Electric Sales Revenue	4,254,972	271,679	4,526,651	12,799	4,539,450	
2	Base Fuel and Purchased Power Revenue	1,364,144	1,403	1,365,547	2,495	1,368,042	Witness Machi Exh. A-13 C4
3	Electric Sales Revenue (440-449.1, 456.1)	5,619,116	273,082	5,892,197	15,294	5,907,492	Exh. A-13, Sch. C3, page 2, line 10
4	Sales for Resale (447)	0	(0)	-	-	-	
5	Other Operating Revenues (450-456)	112,604	88,744	201,347	-	201,347	Detailed below on Lines 9 thru 18
6	Other Revenue Adjustment:						
7	R2 Special Purpose Facilities Rider	7,606	484	8,090	-	8,090	Witness Cejas Goyanes WP A-16 F1, Schedule 12
8	Total Operating Revenue	5,739,326	362,309	6,101,635	15,294	6,116,929	
9	Other Operating Revenues (450-456)						
10	Late Payment Charges (450)	17,919	-	17,919	17,919		
11	Misc Service Charges (451)	10,696	(0)	10,696	10,696		
12	Sale of Water (453)	-	-	-	-		
13	Electric Property Rental (454)	25,019	0	25,019	25,019		
14	Interdept Rent/Shared Asset Rev (455)	55,461	(8,642)	46,819	46,819		Exh. A-13, Sch. C3, page 3, line 3
15	ESA Rev (456)	-	97,386	97,386	97,386		Exh. A-46, Sch. AJ1, line 25
16	Other Misc Rev (456)	2,655	0	2,655	2,655		
17	Transmission of Others Elec (456.1)	854	0	854	854		
18	Total Misc Operating Revenue	112,604	88,744	201,347	201,347		

Michigan Public Service Commission
DTE Electric Company
STAFF Operating Revenue
Projected 12 Month Period Ending Feb. 29, 2028
($000)

Case: U-22046
Exhibit: S-3
Schedule: C3
Witness: N.C.Rademacher
Page: 2 of 2

Line No.	(a) Description	(b) Test 12 mos. ending 2/29/28	Adj.	Staff	(c) Reference
1	Total Electric Sales Revenue	6,253,400	15,975	6,269,375	1/
2	Amortization of deferred LIA/RIA	(2,211)		(2,211)	TMU-19 Ln. 9 Col. (h)
3	Amortization of Demand Response incentive revenue	(393)		(393)	TMU-17 Ln. 18 Col. (g)
4	Amortization of deferred PSP	(1,011)		(1,011)	TMU-16 Ln. 5 Col. (g)
5	Less: Nuclear Surcharge Revenue	39,778	66	39,844	S-6, F3, workpaper Pricing WP-PM1
6	Energy Waste Reduction Surcharge Revenue	180,531	334	180,865	S-6, F3, workpaper Pricing WP-PM1
7	Renewable Program Surcharge Revenue	-		-	Renewable surcharge rate is zero
8	Infrastructure Redesign and Modernization (IRM) Surcharge Revenue	95,518	279	95,797	S-6, F3, workpaper Pricing WP-PM1
9	Low Income Energy Assistance Fund (LIEAF) Surcharge Revenue	41,762		41,762	
10	Electric Sales Revenue excluding Surcharges	5,892,196	15,295	5,907,492	Line 1 through 4 less Lines 5 through 9

1/ Sponsored by Witness Machi on Exhibit A-16, Schedule F2, Page 2, Line 49, Column (b)

Michigan Public Service Commission
DTE Electric Company
STAFF Calculation of Power Supply Expenses
Projected 12 Month Period Ending Feb. 29, 2028

Case No.: U-22046
Exhibit: S-3
Schedule: C4
Witness: N.C.Rademacher
Page: 1 of 1

Line No.	(a) Description	(b) Amount	Adj.	Staff	(c) Source
1	Current PSCR Base including transmission at generation level (mills/kWh)	31.26		31.26	U-15768; Exh. A-10, Sch. C4
2	Loss Factor (mills/kWh)	1.0771		1.08	Exhibit A-13, Schedule C4.1, Col (f) Line 6
3	PSCR Base including transmission at sales level (mills/kWh)	33.67		33.67	(Line 1 x Line 2)
4					
5	DTE Electric Power Supply Projected Sales (MWh)	40,251,995	74,460	40,326,455	Exhibit A-15, Schedule E1, Page 2 column F
6					
7	Transmission Expense	$ 305,671,000		305,671,000	U-15768; Exh. A-10, Sch. C4.3
8					
9	Base Transmission Expense at PSCR Sales Level (mills/kWh)	7.59		7.58	(Line 7 ÷ Line 5)
10					
11	Base Fuel & PP Expense at PSCR Sales Level (mills/kWh)	26.08		26.09	(Line 3 - Line 9)
12					
13	**Test Year Power Supply Costs (Less Transmission)**				
14					
15	DTE Electric Power Supply Projected Sales (MWh)	40,251,995	74,460	40,326,455	Line 5
16	DTE Electric R10 & R3 MISO Pricing Option Projected Sales (MWh)	842,420		842,420	Exhibit A-16, Schedule F3 (R3 & R10 MISO energy charge sales)
17	DTE Electric D13 Projected Sales (MWh)	-		-	Exhibit A-16, Schedule F3, Rate Schedule D13 Detail
18	DTE Electric Retail Sales (less R10, R3, & D13) (MWh)	39,409,574		39,484,034	
19					
20	DTE Electric Retail Power Supply Costs (less R10, R3, and D13)	$ 1,027,646,649	$ 2,495,256	$ 1,030,141,905	(Line 18 x Line 11)
21	MISO Pricing Option Costs (Note 1)	$ 31,573,915	$ -	$ 31,573,915	(Line 16 x $37.48/MWh)
22	R10 Voltage Level Service Adder	$ 655,171		$ 655,171	Exhibit A-16, Schedule F3 (R10 voltage level detail)
23	D13 Non Capacity	$ -		$ -	Exhibit A-16, Schedule F3, Rate Schedule D13 Detail
24	DTE Electric Total Power Supply Costs	$ 1,059,875,735	$ 2,495,256	$ 1,062,370,991	
25					
26	R10 and R3 Transmission	$ 6,397,285	$ -	$ 6,385,473	Line 9 x Line 16
27	D13 Transmission	$ -	$ -	$ -	Line 17 x D13 Transmission ($3.08/MWh)
28	PSCR Sales Transmission	$ 299,273,715	$ -	$ 299,285,527	(Line 29 - Line 26)
29	Transmission Expense	$ 305,671,000	$ -	$ 305,671,000	
30					
31	Total Expense	$ 1,365,546,735	$ 2,495,256	$ 1,368,041,991	
32					
33					
34	Capacity and Non-Capacity Detail				
35					
36	Non-Capacity Power Supply Expenses	$ 2,142,534,891			
37	PA295 Capacity Related Generation Cost	$ 147,180,552			Exhibit A-26 Schedule P2
38	PURPA Capacity Related Generation Cost	$ 8,146,825			Exhibit A-26 Schedule P1
39	Capacity Purchases	$ 4,674,147			Exhibit A-26 Schedule P3
40	Net Energy Market Sales Revenue	$ (936,989,681)			Exhibit A-26 Schedule P3
41	Total Power Supply Expense	$ 1,365,546,735			

Note 1 - Average MISO Wholesale Purchase cost for test period as supported in Case U-21875 Exhibit A-6

DTE Electric Company
Case No. U-22046
Present and Proposed Revenue by Rate Schedule

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue by Rate Schedule

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Total Revenues

Line No.	(a) Residential	(b) Total Present Revenue ($000's)	(c) Total Proposed Revenue ($000's)	(d) Total Net Increase/ (Decrease) ($000's)	(e) Total Net Increase/ (Decrease) (%)
1	D1 non-transmit meter	$18,874	$19,855	$981	5.2%
2	D1.1 Int. Air	$54,508	$61,727	$7,219	13.2%
3	D1.2 TOD	$76,778	$81,867	$5,089	6.6%
4	D1.7 TOD	$17,579	$18,567	$988	5.6%
5	D1.8 Dynamic	$33,077	$34,804	$1,727	5.2%
6	D1.9 Elec. Vehicle	$3,532	$3,724	$191	5.4%
7	D1.11 Time of Use	$3,010,725	$3,164,021	$153,296	5.1%
8	D2 Elec. Space Heat	$53,207	$55,971	$2,764	5.2%
9	D5 Res. Water Ht.	$14,542	$15,319	$777	5.3%
10	Total Residential	$3,282,822	$3,455,854	$173,032	5.3%
11					
12	**Secondary**				
13	D1.1 Int. Air	$790	$784	($5)	(0.7%)
14	D1.7 TOD	$1,887	$1,918	$30	1.6%
15	D1.8 Dynamic	$390	$397	$6	1.6%
16	D 1.9 Elec Vehicle	$234	$248	$14	5.8%
17	D3 Gen. Serv.	$1,242,497	$1,261,620	$19,122	1.5%
18	D3.1 Unmetered	$13,091	$13,335	$244	1.9%
19	D3.2 Sec. Educ.	$73,899	$75,119	$1,220	1.7%
20	D3.3 Interruptible	$8,146	$8,277	$131	1.6%
21	D3.5 Charging Serv.	$0	$0	$0	-
22	D4 Lg. Gen. Serv.	$281,885	$286,387	$4,502	1.6%
23	D5 Com. Wat. Ht.	$899	$913	$13	1.5%
24	E1.1 Eng. St. Ltg.	$1,278	$1,298	$20	1.6%
25	R7 Greenhs. Ltg.	$401	$407	$7	1.6%
26	R8 Space Cond.	$10,709	$10,875	$167	1.6%
27	Total Secondary	$1,636,106	$1,661,577	$25,471	1.6%
28					
29	**Primary**				
30	D11 Prim. Supply	$1,072,736	$1,103,953	$31,218	2.9%
31	D12 Exp. Lrg Cust	$0	$0	$0	-
32	D6.2 Pri. Educ.	$54,841	$55,012	$171	0.3%
33	D8 Int. Primary	$45,239	$46,337	$1,099	2.4%
34	D10 El.Schools	$2,238	$2,317	$79	3.5%
35	R1.1 Alt. Mtl. Melt.	$6,646	$6,713	$67	1.0%
36	R1.2 El. Pr. Htg.	$30,295	$30,546	$251	0.8%
37	R3 Standby	$8,505	$8,787	$282	3.3%
38	R10 Int. Supply	$43,372	$43,903	$532	1.2%
39	Total Primary	$1,263,871	$1,297,569	$33,698	2.7%
40					
41	D13 XL	$0	$0	$0	-
42					
43	**Other**				
44	D9 Protective Ltg.	$12,933	$14,473	$1,540	11.9%
45	E1 Muni Street Ltg	$67,639	$72,910	$5,271	7.8%
46	E2 Traffic Lights	$6,003	$6,085	$82	1.4%
47	Total Other	$86,576	$93,468	$6,893	8.0%
48					
49	**Total All Classes**	$6,269,375	$6,508,468	$239,094	3.8%

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue by Rate Schedule

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Schedule: F2
Witness: N.C.Rademacher

Power Supply Revenues

Line No.	(a) Residential	(b) Power Supply Sales (MWH)	(c) Present Revenue ($000's)	(d) Increase/ (Decrease) ($000's)	(e) Proposed Revenue ($000's)	(f) Capacity Revenue ($000's)	(g) Non-Capacity Revenue ($000's)
1	D1 non-transmit meter	89,265	$8,320	$397	$8,718	$3,459	$5,259
2	D1.1 Int. Air	292,827	$21,177	$2,253	$23,430	$4,868	$18,562
3	D1.2 TOD	405,174	$29,901	$2,438	$32,339	$10,415	$21,925
4	D1.7 TOD	108,080	$5,879	$281	$6,160	$2,444	$3,716
5	D1.8 Dynamic	169,808	$12,897	$616	$13,513	$5,362	$8,151
6	D1.9 Elec. Vehicle	19,744	$1,303	$62	$1,365	$542	$823
7	D1.11 Time of Use	14,142,361	$1,298,283	$60,767	$1,359,050	$543,678	$815,372
8	D2 Elec. Space Heat	280,700	$19,997	$928	$20,925	$5,962	$14,963
9	D5 Res. Water Ht.	87,406	$4,285	$205	$4,489	$1,781	$2,708
10	Total Residential	15,595,364	$1,402,042	$67,946	$1,469,988	$578,510	$891,478
11							
12	**Secondary**						
13	D1.1 Int. Air	5,153	$359	($23)	$337	$52	$285
14	D1.7 TOD	15,798	$737	$11	$748	$249	$499
15	D1.8 Dynamic	2,564	$204	$3	$207	$69	$138
16	D1.9 Elec. Vehicle	1,442	$86	$4	$90	$36	$54
17	D3 Gen. Serv.	7,779,657	$635,209	$9,287	$644,496	$214,666	$429,829
18	D3.1 Unmetered	92,795	$6,506	$95	$6,601	$2,198	$4,403
19	D3.2 Sec. Educ.	346,510	$27,326	$416	$27,742	$8,861	$18,881
20	D3.3 Interruptible	55,422	$3,781	$55	$3,836	$1,277	$2,559
21	D3.5 Charging Serv.	0	$0	$0	$0	$0	$0
22	D4 Lg. Gen. Serv.	1,719,927	$131,747	$2,707	$134,454	$41,930	$92,524
23	D5 Com. Wat. Ht.	6,992	$336	$5	$341	$114	$228
24	E1.1 Eng. St. Ltg.	9,950	$560	$8	$568	$189	$379
25	R7 Greenhs. Ltg.	3,427	$160	$2	$162	$54	$108
26	R8 Space Cond.	73,347	$5,181	$76	$5,257	$1,750	$3,506
27	Total Secondary	10,112,984	$812,193	$12,646	$824,838	$271,446	$553,393
28							
29	**Primary**						
30	D11 Prim. Supply	12,168,659	$809,834	$24,629	$834,463	$230,785	$603,678
31	D12 Exp. Lrg Cust	0	$0	$0	$0	$0	$0.00
32	D6.2 Pri. Educ.	362,293	$29,474	($376)	$29,098	$9,946	$19,152
33	D8 Int. Primary	551,988	$32,586	$793	$33,379	$6,603	$26,776
34	D10 El.Schools	12,160	$1,003	$30	$1,033	$286	$747
35	R1.1 Alt. Mtl. Melt.	90,078	$5,238	($51)	$5,187	$841	$4,347
36	R1.2 El. Pr. Htg.	308,437	$17,633	($181)	$17,452	$2,569	$14,883
37	R3 Standby	87,504	$5,562	$157	$5,719	$1,482	$4,237
38	R10 Int. Supply	835,171	$38,364	$5	$38,370	$0	$38,370
39	Total Primary	14,416,290	$939,693	$25,007	$964,700	$252,511	$712,189
40							
41	D13 XL	0	$0	$0	$0	$0	$0
42							
43	**Other**						
44	D9 Protective Ltg.	30,258	$1,431	$2	$1,434	$0	$1,434
45	E1 Muni Street Ltg	111,915	$5,232	$82	$5,313	$0	$5,313
46	E2 Traffic Lights	59,642	$3,883	$83	$3,965	$953	$3,013
47	Total Other	201,816	$10,546	$166	$10,712	$953	$9,760
48							
49	**Total All Classes**	40,326,455	$3,164,474	$105,765	$3,270,239	$1,103,419	$2,166,820

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue by Rate Schedule

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Distribution Revenues

Line No.	(a) Residential	(b) Distribution Sales (MWH)	(c) Present Revenue ($000's)	(d) Increase/ (Decrease) ($000's)	(e) Proposed Revenue ($000's)
1	D1 non-transmit meter	89,265	$10,553	$584	$11,137
2	D1.1 Int. Air	292,827	$33,330	$4,967	$38,297
3	D1.2 TOD	405,174	$46,877	$2,651	$49,528
4	D1.7 TOD	108,080	$11,700	$707	$12,407
5	D1.8 Dynamic	169,808	$20,180	$1,111	$21,291
6	D1.9 Elec. Vehicle	19,744	$2,230	$129	$2,359
7	D1.11 Time of Use	14,142,361	$1,712,442	$92,528	$1,804,971
8	D2 Elec. Space Heat	280,700	$33,209	$1,837	$35,046
9	D5 Res. Water Ht.	87,406	$10,258	$572	$10,830
10	Total Residential	15,595,364	$1,880,779	$105,086	$1,985,865
11					
12	**Secondary**				
13	D1.1 Int. Air	5,165	$430	$17	$447
14	D1.7 TOD	16,133	$1,150	$20	$1,169
15	D1.8 Dynamic	2,564	$186	$3	$189
16	D1.9 Elec Vehicle	1,442	$149	$9	$158
17	D3 Gen. Serv.	8,060,377	$607,288	$9,836	$617,124
18	D3.1 Unmetered	92,795	$6,585	$149	$6,734
19	D3.2 Sec. Educ.	659,126	$46,573	$804	$47,377
20	D3.3 Interruptible	62,126	$4,365	$76	$4,441
21	D3.5 Charging Serv.	0	$0	$0	$0
22	D4 Lg. Gen. Serv.	1,933,841	$150,138	$1,795	$151,933
23	D5 Com. Wat. Ht.	6,995	$563	$9	$572
24	E1.1 Eng. St. Ltg.	9,950	$718	$12	$730
25	R7 Greenhs. Ltg.	3,427	$241	$4	$245
26	R8 Space Cond.	74,578	$5,528	$91	$5,619
27	Total Secondary	10,928,519	$823,914	$12,825	$836,739
28					
29	**Primary**				
30	D11 Prim. Supply	15,251,962	$262,902	$6,589	$269,491
31	D12 Exp. Lrg Cust	0	$0	$0	$0
32	D6.2 Pri. Educ.	765,240	$25,367	$547	$25,914
33	D8 Int. Primary	664,760	$12,653	$306	$12,959
34	D10 El.Schools	24,038	$1,235	$49	$1,284
35	R1.1 Alt. Mtl. Melt.	90,078	$1,407	$118	$1,525
36	R1.2 El. Pr. Htg.	331,634	$12,662	$432	$13,094
37	R3 Standby	80,254	$2,944	$124	$3,068
38	R10 Int. Supply	835,171	$5,007	$526	$5,534
39	Total Primary	18,043,138	$324,177.396	$8,691	$332,869
40					
41	D13 XL	0	$0	$0	$0
42					
43	**Other**				
44	D9 Protective Ltg.	30,258	$11,502	$1,537	$13,040
45	E1 Muni Street Ltg	111,915	$62,407	$5,190	$67,597
46	E2 Traffic Lights	59,642	$2,120	($1)	$2,119
47	Total Other	201,816	$76,030	$6,726	$82,756
48					
49	**Total All Classes**	44,768,838	$3,104,900	$133,329	$3,238,229

DTE Electric Company
Case No. U-22046
Present and Proposed Revenue

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Service Rate Non-Transmitting Meter - D1

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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Power Supply Charges						
2	Non-Capacity Charge	89,265	MWh	$0.05842	5,215	$0.05891	5,259
3	Capacity Charges:						
4	First 17 KWH/Day	52,226	MWh	$0.02940	1,535	$0.03275	1,710
5	Excess	37,038	MWh	$0.04239	1,570	$0.04722	1,749
6	Power Supply Subtotal	89,265	MWh	**9.32¢**	**8,320**	**9.77¢**	**8,718**
7							
8	PSCR	89,265	MWh	$0.00000	0	$0.00000	0
9	REPS	10,105	Meters	$0.00000	0	$0.00000	0
10	Total Full Service Power Supply	89,265	MWh	**9.32¢**	**8,320**	**9.77¢**	**8,718**
11							
12	**Full Service Distribution**	Quantity	Units				
13							
14	Service Charge	10,105	Cust.	$8.50	1,031	$8.50	1,031
15	Income Assistance	276	Cust.	($8.50)	(28)	($8.50)	(28)
16	LIA	128	Cust.	($50.00)	(77)	($50.00)	(77)
17	Senior Citizen Provision	990	Cust.	($4.25)	(50)	($4.25)	(50)
18							
19	Distribution Charge	89,265	MWh	$0.09726	8,682	$0.10380	9,266
20	Distribution System	89,265	MWh	**10.71¢**	**9,557**	**11.36¢**	**10,141**
21	IRM	89,265	MWh	$0.003743	334	$0.003743	334
22	Nuclear Decomm.	89,265	MWh	$0.000890	79	$0.000890	79
23	Energy Waste Reduction	89,265	MWh	$0.004488	401	$0.004488	401
24	LIEAF	10,105	Cust.	$1.50	182	$1.50	182
25	Distribution Surcharges	89,265	MWh	**1.12¢**	**996**	**1.12¢**	**996**
26							
27	Total Full Service Distribution			**11.82¢**	**10,553**	**12.48¢**	**11,137**
28	**Total Full Service D1**	89,265	MWh	**21.14¢**	**18,874**	**22.24¢**	**19,855**
29							
30	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
31							
32	Capacity Charges:						
33	First 17 KWH/Day	0	MWh	$0.02940	0	$0.03275	0
34	Excess	0	MWh	$0.04239	0	$0.04722	0
35	Capacity Total	0	MWh		**0**		**0**
36							
37	Distribution Charges						
38	Service Charge	0	Cust.	$8.50	0	$8.50	0
39	Income Assistance	0	Cust.	($8.50)	0	($8.50)	0
40	LIA	0	Cust.	($50.00)	0	($50.00)	0
41	Senior Citizen Provision	0	Cust.	($4.25)	0	($4.25)	0
42							
43	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
44	Distribution System	0	MWh		**0**		**0**
45	IRM	0	MWh	$0.003743	0	$0.003743	0
46	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
47	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
48	LIEAF	0	Cust.	$1.50	0	$1.50	0
49	Distribution Surcharges	0	MWh		**0**		**0**
50							
51	**Total Choice D1**	0	MWh		**0**		**0**
52							
53	**Total D1**	89,265	MWh	**21.14¢**	**18,874**	**22.24¢**	**19,855**
54	Increase/Decrease ($)						981

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Space-Conditioning Service Rate - D1.1 Residential

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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Power Supply Charges						
2	Non-Capacity Charge	292,827	MWh	$0.04535	13,280		
3	June - September						
4	On Peak (3pm-7pm, M-F)	56,790	MWh			$0.10245	5,818
5	Off Peak	208,653	MWh			$0.05370	11,205
6	October - May						
7	On Peak (3pm-7pm, M-F)	5,368	MWh			$0.06647	357
8	Off Peak	22,016	MWh			$0.05370	1,182
9							
10	Capacity Charges						
11	June - September						
12	On Peak (3pm-7pm, M-F)	56,790	MWh			$0.06831	3,879
13	Off Peak	208,653	MWh			$0.03581	7,471
14	October - May						
15	On Peak (3pm-7pm, M-F)	5,368	MWh			$0.04432	238
16	Off Peak	22,016	MWh			$0.03581	788
17							
18	Credit (June-Sept)	159,774	MWh			($0.047)	(7,509)
19							
20	Summer Energy (June-Oct)	274,273	MWh	$0.02832	7,767		
21	Winter Energy	18,554	MWh	$0.00702	130		
22	Power Supply Subtotal	292,827	MWh		21,177		23,430
23							
24	PSCR	292,827	MWh	$0.00000	0	$0.00000	0
25	Total Full Service Power Supply	292,827	MWh	**7.23¢**	**21,177**	**8.00¢**	**23,430**
26							
27	**Full-Service Distribution**	Quantity	Units				
28		Customers					
29	Service Charge	223,500	Cust.	$1.95	2,179	$1.95	5,230
30							
31	Distribution Charge	292,827	MWh	$0.09726	28,480	$0.10380	30,396
32	Distribution System	292,827	MWh	**10.47¢**	**30,659**	**12.17¢**	**35,626**
33	IRM	292,827	MWh	$0.003743	1,096	$0.003743	1,096
34	Nuclear Decomm.	292,827	MWh	$0.000890	261	$0.000890	261
35	Energy Waste Reduction	292,827	MWh	$0.004488	1,314	$0.004488	1,314
36	Distribution Surcharges	292,827	MWh	**0.91¢**	**2,671**	**0.91¢**	**2,671**
37							
38	Total Full Service Distribution	292,827	MWh	**11.38¢**	**33,330**	**13.08¢**	**38,297**
39	**Total Full-Service D1.1**	292,827	MWh	**18.61¢**	**54,508**	**21.08¢**	**61,727**
40							
41	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
42							
43	Capacity Charges						
44	June - September						
45	On Peak (3pm-7pm, M-F)		MWh			$0.06831	0
46	Off Peak		MWh			$0.03581	0
47	October - May						
48	On Peak (3pm-7pm, M-F)		MWh			$0.04432	0
49	Off Peak		MWh			$0.03581	0
50							
51	Credit (June-Sept)		MWh			($0.047)	0
52							
53	Summer Energy (June-Oct)	0	MWh	$0.02832	0		
54	Winter Energy	0	MWh	$0.00702	0		
55	Capacity Total	0	MWh		**0**		**0**
56							
57	Distribution Charges						
58		Customers					
59	Service Charge	0	Cust.	$1.95	0	$1.95	0
60							
61	Distribution Energy	0	MWh	$0.09726	0	$0.10380	0
62	Distribution System	0	MWh		**0**		**0**
63	IRM	0	MWh	$0.003743	0	$0.003743	0
64	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
65	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
66	Distribution Surcharges	0	MWh		**0**		**0**
67							
68	**Total Choice D1.1**	0	MWh		**0**		**0**
69							
70	**Total D1.1**	292,827	MWh	**18.61¢**	**54,508**	**21.08¢**	**61,727**
71	Increase/Decrease ($)						7,219

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Service Rate Enhanced TOU - D1.2

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Power Supply Charges						
2	Non-Capacity Charge						
3	Summer:						
4	On-Peak	40,180	MWh	$0.11526	$4,631	$0.11880	4,774
5	Off-Peak	134,354	MWh	$0.03881	$5,214	$0.04000	5,375
6	Winter:						
7	On-Peak	47,039	MWh	$0.09736	$4,580	$0.10036	4,721
8	Off-Peak	183,602	MWh	$0.03728	$6,845	$0.03843	7,056
9	Capacity Charges						
10	Summer:						
11	On-Peak	40,180	MWh	$0.04677	1,879	$0.05643	2,268
12	Off-Peak	134,354	MWh	$0.01575	2,116	$0.01900	2,553
13	Winter:						
14	On-Peak	47,039	MWh	$0.03951	1,859	$0.04767	2,242
15	Off-Peak	183,602	MWh	$0.01513	2,778	$0.01825	3,351
16	Power Supply Subtotal	405,174	MWh		29,901		32,339
17							
18	PSCR	405,174	MWh	$0.00000	0	$0.00000	0
19	REPS	31,956	Meters	$0.00000	0	$0.00000	0
20	Total Full Service Power Supply	405,174	MWh	**7.38¢**	**29,901**	**7.98¢**	**32,339**
21							
22	**Full Service Distribution**	Quantity	Units				
23							
24	Service Charge	31,956	Cust.	$8.50	3,260	$8.50	3,260
25	Income Assistance	189	Cust.	($8.50)	(19)	($8.50)	(19)
26	LIA	9	Cust.	($50.00)	(5)	($50.00)	(5)
27	Senior Citizen Provision	710	Cust.	($4.25)	(36)	($4.25)	(36)
28							
29	Distribution Energy	405,174	MWh	$0.09726	39,407	$0.10380	42,058
30	Distribution System	405,174	MWh	**10.52¢**	**42,606**	**11.17¢**	**45,257**
31	IRM	405,174	MWh	$0.003743	1,517	$0.003743	1,517
32	Nuclear Decomm.	405,174	MWh	$0.000890	361	$0.000890	361
33	Energy Waste Reduction	405,174	MWh	$0.004488	1,818	$0.004488	1,818
34	LIEAF	31,956	Cust.	$1.50	575	$1.50	575
35	Distribution Surcharges	405,174	MWh	**1.05¢**	**4,271**	**1.05¢**	**4,271**
36							
37	Total Full Service Distribution	405,174	MWh	**11.57¢**	**46,877**	**12.22¢**	**49,528**
38	**Total Full-Service D1.2**	405,174	MWh	**18.95¢**	**76,778**	**20.21¢**	**81,867**
39							
40	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
41							
42	Capacity Charges						
43	Summer:						
44	On-Peak	0	MWh	$0.04677	0	$0.05643	0
45	Off-Peak	0	MWh	$0.01575	0	$0.01900	0
46	Winter:						
47	On-Peak	0	MWh	$0.03951	0	$0.04767	0
48	Off-Peak	0	MWh	$0.01513	0	$0.01825	0
49	Capacity Total	0	MWh		**0**		**0**
50							
51	Service Charge	0	Cust.	$8.50	0	$8.50	0
52	Income Assistance	0	Cust.	($8.50)	0	($8.50)	0
53	LIA	0	Cust.	($50.00)	0	($50.00)	0
54	Senior Citizen Provision	0	Cust.	($4.25)	0	($4.25)	0
55							
56	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
57	Distribution System	0	MWh		**0**		**0**
58	IRM	0	MWh	$0.003743	0	$0.003743	0
59	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
60	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
61	LIEAF	0	Cust.	$1.50	0	$1.50	0
62	Distribution Surcharges	0	MWh		**0**		**0**
63							
64	**Total Choice D1.2**	0	MWh		**0**		**0**
65							
66	**Total D1.2**	405,174	MWh	**18.95¢**	**76,778**	**20.21¢**	**81,867**
67	Increase/Decrease ($)						5,089

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Geothermal Time of Day Service Rate - Residential D1.7

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Power Supply Charges						
2	Non-Capacity Charge						
3	Summer Energy (11 a.m. Peak Start)						
4	On-Peak	6,620	MWh	$0.08677	$574	$0.08733	578
5	Off-Peak	17,316	MWh	$0.02874	$498	$0.02893	501
6	Winter Energy (11 a.m. Peak Start)						
7	On-Peak	17,553	MWh	$0.03749	$658	$0.03773	662
8	Off-Peak	66,590	MWh	$0.02946	$1,962	$0.02965	1,974
9							
10	Capacity Charges:						
11	Summer Energy (11 a.m. Peak Start)						
12	On-Peak	6,620	MWh	$0.05140	$340	$0.05744	380
13	Off-Peak	17,316	MWh	$0.01703	$295	$0.01903	329
14	Winter Energy (11 a.m. Peak Start)	0					
15	On-Peak	17,553	MWh	$0.02221	$390	$0.02482	436
16	Off-Peak	66,590	MWh	$0.01745	$1,162	$0.01950	1,299
17	Power Supply Subtotal	108,080	MWh		$5,879		6,160
18							
19	PSCR	108,080	MWh	$0.00000	0	$0.00000	0
20	Total Power Supply	108,080	MWh	**5.44¢**	**5,879**	**5.70¢**	**6,160**
21							
22	**Full Service Distribution**	Quantity	Units				
23							
24	Service Charge ($/day)	8,261	Cust.	$0.067	202	$0.067	202
25							
26	Distribution Charge	108,080	MWh	$0.09726	10,512	$0.10380	11,219
27	Distribution System	108,080	MWh	**9.91¢**	**10,714**	**10.57¢**	**11,421**
28	IRM	108,080	MWh	$0.003743	405	$0.003743	405
29	Nuclear Decomm.	108,080	MWh	$0.000890	96	$0.000890	96
30	Energy Waste Reduction	108,080	MWh	$0.004488	485	$0.004488	485
31	Distribution Surcharges	108,080	MWh	**0.91¢**	**986**	**0.91¢**	**986**
32							
33	Total Full Service Distribution	108,080	MWh	**10.83¢**	**11,700**	**11.48¢**	**12,407**
34	**Total Full-Service D1.7**	108,080	MWh	**16.26¢**	**17,579**	**17.18¢**	**18,567**
35							
36	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
37							
38	Capacity Charges:						
39	Summer Energy (11 a.m. Peak Start)						
40	On-Peak	0	MWh	$0.05140	0	$0.05744	0
41	Off-Peak	0	MWh	$0.01703	0	$0.01903	0
42	Winter Energy (11 a.m. Peak Start)						
43	On-Peak	0	MWh	$0.02221	0	$0.02482	0
44	Off-Peak	0	MWh	$0.01745	0	$0.01950	0
45	Total Capacity	0	MWh		**0**		**0**
46							
47	Distribution Charges						
48	Service Charge ($/day)	0	Cust.	$0.067	0	$0.067	0
49							
50	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
51	Distribution System	0	MWh		**0**		**0**
52	IRM	0	MWh	$0.003743	0	$0.003743	0
53	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
54	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
55	Distribution Surcharges	0	MWh		**0**		**0**
56							
57	**Total Choice D1.7**	0	MWh		**0**		**0**
58							
59	**Total D1.7**	108,080	MWh	**16.26¢**	**17,579**	**17.18¢**	**18,567**
60	Increase/Decrease ($)						988

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Service Rate Dynamic Peak Pricing - D1.8

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Non-Capacity Charge						
2	Off-Peak (11pm-7am)	91,914	MWh	$0.02878	2,645	$0.02897	2,662
3	Mid-Peak (7pm-11pm, 7am-3pm)	56,673	MWh	$0.05579	3,162	$0.05615	3,182
4	On-Peak (3pm-7pm)	21,221	MWh	$0.10800	2,292	$0.10870	2,307
5	Critical Peak (3pm-7pm)	0	MWh	$0.10800	0	$0.10870	0
6	Capacity Charges:						
7	Off-Peak (11pm-7am)	91,914	MWh	$0.01705	1,567	$0.01905	1,751
8	Mid-Peak (7pm-11pm, 7am-3pm)	56,673	MWh	$0.03305	1,873	$0.03693	2,093
9	On-Peak (3pm-7pm)	21,221	MWh	$0.06398	1,358	$0.07150	1,517
10	Critical Peak (3pm-7pm)	0	MWh	$0.84200	0	$0.84130	0
11	Power Supply Subtotal	169,808	MWh	$0.07595	12,897	$0.07958	13,513
12							
13	PSCR	169,808	MWh	$0.00000	0	$0.00000	0
14	REPS	19,156	Cust	$0.00000	0	$0.00000	0
15	Total Full Service Power Supply	169,808	MWh	**7.59¢**	**12,897**	**7.96¢**	**13,513**
16							
17	**Full Service Distribution**	Quantity	Units				
18							
19	Sales Applied to Min.		MWh				
20	Service Charge	19,156	Cust.	$8.50	1,954	$8.50	1,954
21	Income Assistance	875	Cust.	($8.50)	(89)	($8.50)	(89)
22	LIA	82	Cust.	($50.00)	(49)	($50.00)	(49)
23	Senior Citizen Provision	883	Cust.	($4.25)	(45)	($4.25)	(45)
24							
25	Distribution Charge	169,808	MWh	$0.09726	16,516	$0.10380	17,627
26	Distribution System	169,808	MWh	**10.77¢**	**18,286**	**11.42¢**	**19,397**
27	IRM	169,808	MWh	$0.003743	636	$0.003743	636
28	Nuclear Decomm.	169,808	MWh	$0.000890	151	$0.000890	151
29	Energy Waste Reduction	169,808	MWH	$0.004488	762	$0.004488	762
30	LIEAF	19,156	cust	$1.50	345	$1.50	345
31	Distribution Surcharges	169,808	MWh	**1.12¢**	**1,894**	**1.12¢**	**1,894**
32							
33	Total Full Service Distribution			**11.88¢**	**20,180**	**12.54¢**	**21,291**
34	**Total Full Service D1.8**	169,808	MWh	**19.48¢**	**33,077**	**20.50¢**	**34,804**
35	Increase/Decrease ($)						1,727

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Electric Vehicle Rate - D1.9

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 7 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Power Supply Charges						
2	Non-Capacity Charge	19,744	MWh				
3	On-Peak	3,425	MWh	$0.10904	373	$0.10974	376
4	Off-Peak	16,319	MWh	$0.02725	445	$0.02742	448
5	Capacity Charge						
6							
7	On-Peak	3,425	MWh	$0.06455	221	$0.07214	247
8	Off-Peak	16,319	MWh	$0.01615	264	$0.01805	295
9		19,744	MWh				
10							
11	PSCR	19,744	MWh	$0.00000	0	$0.00000	0
12	Total Full Service Power Supply	19,744	MWh	**6.60¢**	**1,303**	**6.91¢**	**1,365**
13							
14	**Full Service Distribution**	Quantity	Units				
15							
16	Service Charge ($/month)	5,521	Cust.	$1.95	129	$1.95	129
17							
18	Distribution Charge	19,744	MWh	$0.09726	1,920	$0.10380	2,049
19	Distribution System	19,744	MWh	**10.38¢**	**2,049**	**11.03¢**	**2,179**
20	IRM	19,744	MWh	$0.003743	74	$0.003743	74
21	Nuclear Decomm.	19,744	MWh	$0.000890	18	$0.000890	18
22	Energy Waste Reduction	19,744	MWh	$0.004488	89	$0.004488	89
23	Distribution Surcharges	19,744	MWh	**0.91¢**	**180**	**0.91¢**	**180**
24							
25	Total Full Service Distribution	19,744	MWh	**11.29¢**	**2,230**	**11.95¢**	**2,359**
26	**Total Full Service D1.9**	19,744	MWh	**17.89¢**	**3,532**	**18.86¢**	**3,724**
27							
28	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
29							
30	Capacity Charge						
31							
32	On-Peak	0	MWh	$0.06455	0	$0.07214	0
33	Off-Peak	0	MWh	$0.01615	0	$0.01805	0
34	Total Capacity	0	MWh		**0**		**0**
35							
36	Distribution Charges						
37	Service Charge ($/month)	0	Cust.	$1.95	0	$1.95	0
38							
39	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
40	Distribution System	0	MWh		**0**		**0**
41	IRM	0	MWh	$0.003743	0	$0.003743	0
42	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
43	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
44	Distribution Surcharges	0	MWh		**0**		**0**
45							
46	**Total Choice D1.9**	0	MWh		**0**		**0**
47							
48	**Total D1.9**	19,744	MWh	**17.89¢**	**3,532**	**18.86¢**	**3,724**
49	Increase/Decrease ($)						191

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Service Rate Standard TOU - D1.11

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 8 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Power Supply Charges						
2	Non-Capacity Charges						
3	June - September						
4	On Peak (3pm-7pm, M-F)	860,907	MWh	$0.09047	77,886	$0.10245	88,200
5	Off Peak	4,824,312	MWh	$0.05469	263,842	$0.05370	259,074
6	October - May						
7	On Peak (3pm-7pm, M-F)	1,091,305	MWh	$0.06480	70,717	$0.06647	72,539
8	Off Peak	7,365,837	MWh	$0.05469	402,838	$0.05370	395,559
9	Capacity Charges:						
10	June - September						
11	On Peak (3pm-7pm, M-F)	860,907	MWh	$0.05360	46,145	$0.06831	58,810
12	Off Peak	4,824,312	MWh	$0.03240	156,308	$0.03581	172,747
13	October - May						
14	On Peak (3pm-7pm, M-F)	1,091,305	MWh	$0.03839	41,895	$0.04432	48,368
15	Off Peak	7,365,837	MWh	$0.03240	238,653	$0.03581	263,753
16							
17	Power Supply Subtotal	14,142,361	MWh	**9.18¢**	**1,298,283**	**9.61¢**	**1,359,050**
18							
19	PSCR	14,142,361	MWh	$0.00000	0	$0.00000	0
20	REPS	2,008,245	Meters	$0.00000	0	$0.00000	0
21	Total Full Service Power Supply	14,142,361	MWh	**9.18¢**	**1,298,283**	**9.61¢**	**1,359,050**
22							
23	**Full Service Distribution**	Quantity	Units				
24							
25	Service Charge	2,008,245	Cust.	$8.50	204,841	$8.50	204,841
26	Income Assistance	61,699	Cust.	($8.50)	(6,293)	($8.50)	(6,293)
27	LIA	31,727	Cust.	($50.00)	(19,036)	($50.00)	(19,036)
28	Senior Citizen Provision	151,033	Cust.	($4.25)	(7,703)	($4.25)	(7,703)
29							
30	Distribution Charge	14,142,361	MWh	$0.09726	1,375,486	$0.10380	1,468,015
31	Distribution System	14,142,361	MWh	**10.94¢**	**1,547,295**	**11.60¢**	**1,639,823**
32	IRM	14,142,361	MWh	$0.003743	52,942	$0.003743	52,942
33	Nuclear Decomm.	14,142,361	MWh	$0.000890	12,587	$0.000890	12,587
34	Energy Waste Reduction	14,142,361	MWh	$0.004488	63,471	$0.004488	63,471
35	LIEAF	2,008,245	Cust.	$1.50	36,148	$1.50	36,148
36	Distribution Surcharges	14,142,361	MWh	**1.17¢**	**165,148**	**1.17¢**	**165,148**
37							
38	Total Full Service Distribution			**12.11¢**	**1,712,442**	**12.76¢**	**1,804,971**
39	**Total Full Service D1.11**	14,142,361	MWh	**21.29¢**	**3,010,725**	**22.37¢**	**3,164,021**
40							
41	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
42							
43	Capacity Charges:						
44	June - September						
45	On Peak (3pm-7pm, M-F)	0	MWH	$0.05360	0	$0.06831	0
46	Off Peak	0	MWH	$0.03240	0	$0.03581	
47	October - May						
48	On Peak (3pm-7pm, M-F)	0	MWH	$0.03839	0	$0.04432	0
49	Off Peak	0	MWH	$0.03240	0	$0.03581	0
50							
51	Capacity Total	0	MWh		**0**		**0**
52							
53	Distribution Charges						
54	Service Charge	0	Cust.	$8.50	0	$8.50	0
55	Income Assistance	0	Cust.	($8.50)	0	($8.50)	0
56	LIA	0	Cust.	($50.00)	0	($50.00)	0
57	Senior Citizen Provision	0	Cust.	($4.25)	0	($4.25)	0
58							
59	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
60	Distribution System	0	MWh		**0**		**0**
61	IRM	0	MWh	$0.003743	0	$0.003743	0
62	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
63	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
64	LIEAF	0	Cust.	$1.50	0	$1.50	0
65	Distribution Surcharges	0	MWh		**0**		**0**
66							
67	**Total Choice D1.11**	0	MWh		**0**		**0**
68							
69	**Total D1.11**	14,142,361	MWh	**21.29¢**	**3,010,725**	**22.37¢**	**3,164,021**
70	Increase/Decrease ($)						153,296

Michigan Public Service Commission
DTE Electric Company
Staff Residential Service Rate Overnight Savers - D1.13
Designed Revenue Neutral to D1.11

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Proposed D1.11 Rates Rate	(d) Revenue ($000)	(e) Revenue Neutral Design Rate	(f) Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
1	Power Supply Charges						
2	Non-Capacity Charge						
3	June - September						
4	On Peak (3pm-7pm, M-F)	877,261	MWh			$0.11775	103,302
5	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	3,768,005	MWh			$0.06921	260,789
6	Super Off Peak (1am-7am)	1,030,881	MWh			$0.04281	44,131
7	October - May						
8	On Peak (3pm-7pm, M-F)	1,079,411	MWh			$0.05805	62,658
9	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	5,457,880	MWh			$0.04852	264,809
10	Super Off Peak (1am-7am)	1,861,353	MWh			$0.04281	79,683
11	Capacity Charges:						
12	June - September						
13	On Peak (3pm-7pm, M-F)	877,261	MWh			$0.07852	68,880
14	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	3,768,005	MWh			$0.04615	173,890
15	Super Off Peak (1am-7am)	1,030,881	MWh			$0.02854	29,426
16	October - May						
17	On Peak (3pm-7pm, M-F)	1,079,411	MWh			$0.03871	41,779
18	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	5,457,880	MWh			$0.03235	176,571
19	Super Off Peak (1am-7am)	1,861,353	MWh			$0.02854	53,131
20	Power Supply Subtotal	14,074,791	MWh	**9.66¢**	**1,359,050**		**1,359,050**
21							
22	PSCR	14,074,791	MWh	$0.00000	0	$0.00000	0
23	REPS	2,008,245	Meters	$0.00000	0	$0.00000	0
24	Total Full Service Power Supply	14,074,791	MWh	**9.66¢**	**1,359,050**	**9.66¢**	**1,359,050**
25							
26	**Full Service Distribution**	Quantity	Units				
27							
28	Service Charge	2,008,245	Cust.			$8.50	204,841
29	Income Assistance	61,699	Cust.			($8.50)	(6,293)
30	LIA	31,727	Cust.			($50.00)	(19,036)
31	Senior Citizen Provision	151,033	Cust.			($4.25)	(7,703)
32							
33							
34							
35	Distribution Charge	14,074,791	MWh				
36	June - September						
37	On Peak (3pm-7pm, M-F)	877,261	MWh			$0.20934	183,642
38	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	3,768,005	MWh			$0.15700	591,583
39	Super Off Peak (1am-7am)	1,030,881	MWh			$0.05233	53,950
40	October - May						
41	On Peak (3pm-7pm, M-F)	1,079,411	MWh			$0.10467	112,980
42	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	5,457,880	MWh			$0.07850	428,448
43	Super Off Peak (1am-7am)	1,861,353	MWh			$0.05233	97,412
44	Distribution System	14,074,791	MWh	**11.65¢**	**1,639,823**	**11.65¢**	**1,639,823**
45	IRM	14,074,791	MWh	$0.003743	52,689	$0.003743	52,689
46	Nuclear Decomm.	14,074,791	MWh	$0.000890	12,527	$0.000890	12,527
47	Energy Waste Reduction	14,074,791	MWh	$0.004488	63,168	$0.004488	63,168
48	LIEAF	2,008,245	Cust.	$1.50	36,148	$1.50	36,148
49	Distribution Surcharges	14,074,791	MWh	**1.17¢**	**164,531**	**1.17¢**	**164,531**
50							
51	Total Full Service Distribution			**12.82¢**	**1,804,355**	**12.82¢**	**1,804,355**
52	**Total Full Service D1.13**	14,074,791	MWh	**22.48¢**	**3,163,405**	**22.48¢**	**3,163,405**
53							
54	**Choice**	Quantity	Units	Rate	Revenue	Rate	Revenue
55					($000)		($000)
56	Capacity Charges:						
57	June - September						
58	On Peak (3pm-7pm, M-F)	0	MWH			$0.07852	0
59	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	0	MWH			$0.04615	0
60	Super Off Peak (1am-7am)	0	MWH			$0.02854	0
61	October - May						
62	On Peak (3pm-7pm, M-F)	0	MWH			$0.03871	0
63	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	0	MWH			$0.03235	0
64	Super Off Peak (1am-7am)	0	MWH			$0.02854	0
65	Capacity Total	0	MWh		**0**		**0**
66							
67	Distribution Charges						
68	Service Charge	0	Cust.		0	$8.50	0
69	Income Assistance	0	Cust.		0	($8.50)	0
70	LIA	0	Cust.			($50.00)	0
71	Senior Citizen Provision	0	Cust.		0	($4.25)	0
72							
73	Distribution Charge						
74	June - September						
75	On Peak (3pm-7pm, M-F)	0	MWH			$0.20934	0
76	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	0	MWH			$0.15700	0
77	Super Off Peak (1am-7am)	0	MWH			$0.05233	0
78	October - May						
79	On Peak (3pm-7pm, M-F)	0	MWH			$0.10467	0
80	Off Peak (7am-3pm & 7pm-1am M-F; 7am-1am weekend)	0	MWH			$0.07850	0
81	Super Off Peak (1am-7am)	0	MWh		0	$0.05233	0
82	Distribution System	0	MWh		**0**		**0**
83	IRM	0	MWh	$0.003743	0	$0.003743	0
84	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
85	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
86	LIEAF	0	Cust.	$1.50	0	$1.50	0
87	Distribution Surcharges	0	MWh		**0**		**0**
88							
89	**Total Choice D1.13**	0	MWh		**0**		**0**
90							
91	**Total D1.13**	14,074,791	MWh	**22.48¢**	**3,163,405**	**22.48¢**	**3,163,405**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Residential Space Heating Rate - D2

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 10 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Power Supply Charges						
2	Non-Capacity Charge	280,700	MWh	$0.05298	14,871	$0.05330	14,963
3	Capacity Charges						
4	Summer						
5	First 17 KWH/Day	57,965	MWh	$0.02813	1,631	$0.03272	1,897
6	Excess	29,732	MWh	$0.04021	1,196	$0.04677	1,391
7	Winter						
8	First 20 KWH/Day	103,874	MWh	$0.01658	1,722	$0.01929	2,003
9	Excess	89,128	MWh	$0.00648	578	$0.00754	672
10							
11	PSCR	280,700	MWh	$0.00000	0	$0.00000	0
12	REPS	29,761	Meters	$0.00000	0	$0.00000	0
13	Total Full Service Power Supply	280,700	MWh	**7.12¢**	**19,997**	**7.45¢**	**20,925**
14							
15	**Full Service Distribution**	Quantity	Units				
16							
17	Service Charge	29,761	Cust.	$8.50	3,036	$8.50	3,036
18	Income Assistance	1,107	Cust.	($8.50)	(113)	($8.50)	(113)
19	LIA	54	Cust.	($50.00)	(32)	($50.00)	(32)
20	Senior Citizen Provision	1,525	Cust.	($4.25)	(78)	($4.25)	(78)
21							
22	Distribution Charge						
23	Summer	87,698	MWh	$0.09726	8,529	$0.10380	9,103
24	Winter	193,002	MWh	$0.09726	18,771	$0.10380	20,034
25	Distribution System	280,700	MWh	**10.73¢**	**30,113**	**11.38¢**	**31,950**
26	IRM	280,700	MWh	$0.003743	1,051	$0.003743	1,051
27	Nuclear Decomm.	280,700	MWh	$0.000890	250	$0.000890	250
28	Energy Waste Reduction	280,700	MWh	$0.004488	1,260	$0.004488	1,260
29	LIEAF	29,761	Cust.	$1.50	536	$1.50	536
30	Distribution Surcharges	280,700	MWh	**1.10¢**	**3,096**	**1.10¢**	**3,096**
31							
32	Total Full Service Distribution	280,700	MWh	**11.83¢**	**33,209**	**12.49¢**	**35,046**
33	**Total Full Service D2**	280,700	MWh	**18.96¢**	**53,207**	**19.94¢**	**55,971**
34							
35	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
36							
37	Capacity Charges						
38	Summer						
39	First 17 KWH/Day	0	MWh	$0.02813	0	$0.03272	0
40	Excess	0	MWh	$0.04021	0	$0.04677	0
41	Winter						
42	First 20 KWH/Day	0	MWh	$0.01658	0	$0.01929	0
43	Excess	0	MWh	$0.00648	0	$0.00754	0
44	Total Capacity				**0**		**0**
45							
46	Distribution Charges						
47	Service Charge	0	Cust.	$8.50	0	$8.50	0
48	Income Assistance	0	Cust.	($8.50)	0	($8.50)	0
49	LIA	0	Cust.	($50.00)	0	($50.00)	0
50	Senior Citizen Provision	0	Cust.	($4.25)	0	($4.25)	0
51							
52	Distribution Charge						
53	Summer	0	MWh	$0.09726	0	$0.10380	0
54	Winter	0	MWh	$0.09726	0	$0.10380	0
55	Distribution System	0	MWh		**0**		**0**
56	IRM	0	MWh	$0.003743	0	$0.003743	0
57	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
58	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
59	LIEAF	0	Cust.	$1.50	0	$1.50	0
60	Distribution Surcharges	0	MWh		**0**		**0**
61							
62	**Total Choice D2**	0	MWh		**0**		**0**
63							
64	**Total D2**	280,700	MWh	**18.96¢**	**53,207**	**19.94¢**	**55,971**
65	Increase/Decrease ($)						2,764

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Water Heating Service Rate - Residential D5

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Non-Capacity Charge	87,406	MWh	$0.03078	2,690	$0.03098	2,708
2	Capacity Charge	87,406	MWh	$0.01824	1,594	$0.02038	1,781
3							
4	PSCR	87,406	MWh	$0.00000	0	$0.00000	0
5	Total Full Service Power Supply	87,406	MWh	**4.90¢**	**4,285**	**5.14¢**	**4,489**
6							
7	**Full-Service Distribution**	Quantity	Units				
8							
9	Service Charge	41,000	Cust.	$1.95	959	$1.95	959
10							
11	Distribution Charge	87,406	MWh	$0.09726	8,501	$0.10380	9,073
12	Distribution System	87,406	MWh	**10.82¢**	**9,460**	**11.48¢**	**10,032**
13	IRM	87,406	MWh	$0.003743	327	$0.003743	327
14	Nuclear Decomm.	87,406	MWh	$0.000890	78	$0.000890	78
15	Energy Waste Reduction	87,406	MWh	$0.004488	392	$0.004488	392
16	Distribution Surcharges	87,406	MWh	**0.91¢**	**797**	**0.91¢**	**797**
17							
18	Total Full Service Distribution	87,406	MWh	**11.74¢**	**10,258**	**12.39¢**	**10,830**
19	**Total Full Service D5**	87,406	MWh	**16.64¢**	**14,542**	**17.53¢**	**15,319**
20							
21	**Choice**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
22							
23	Capacity Charge	0	MWh	$0.01824	0	$0.02038	0
24	Total Capacity	0			**0**		**0**
25							
26	Distribution Charges						
27	Service Charge	0	Cust.	$1.95	0	$1.95	0
28							
29	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
30	Distribution System	0			**0**		**0**
31	IRM	0	MWh	$0.003743	0	$0.003743	0
32	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
33	Energy Waste Reduction	0	MWh	$0.004488	0	$0.004488	0
34	Distribution Surcharges	0	MWh		**0**		**0**
35							
36	**Total Choice Distribution D5**	0	MWh		**0**		**0**
37							
38	**Total D5**	87,406	MWh	**16.64¢**	**14,542**	**17.53¢**	**15,319**
39	Increase/Decrease ($)						777

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Space Conditioning Service Rate - Commercial D1.1

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Capacity						
2	Energy	5,153	MWh			$0.02759	142
3	Summer (June-Oct)	3,437	MWh	$0.02735	94		
4	Winter	1,716	MWh	$0.01225	21		
5							
6	Credit (June-Sept)	1,919	MWh			($0.04700)	(90)
7							
8	Non-capacity energy	5,153		$0.04740	244	$0.05525	285
9	Power Supply Subtotal	5,153	MWh		**359**		**337**
10							
11	PSCR	5,153	MWh	$0.00000	0	$0.00000	0
12	REPS	784	Meters	$0.00	0	$0.00	0
13	Total Full Service Power Supply	5,153	MWh	**6.97¢**	**359**	**6.53¢**	**337**
14							
15	**Full Service Distribution**						
16							
17	Service Charge	784	Cust.	$1.95	8	$1.95	18
18							
19	Distribution Charge	5,153	MWh	$0.06670	344	$0.06792	350
20	Distribution System	5,153	MWh	**6.82¢**	**351**	**7.15¢**	**368**
21	IRM	5,153	MWh	$0.002435	13	$0.002435	13
22	Nuclear Decomm.	5,153	MWh	$0.000890	5	$0.000890	5
23	Energy Waste Reduction	784	Meters	$4.91	46	$4.91	46
24	LIEAF	784	Meters	$1.50	14	$1.50	14
25	Distribution Surcharges	5,153	MWh	**1.50¢**	**77**	**1.50¢**	**77**
26							
27	Total Distribution	5,153	MWh	**8.32¢**	**429**	**8.65¢**	**446**
28	**Total Full Service D1.1**	5,153	MWh	**15.29¢**	**788**	**15.18¢**	**782**
29							
30	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
31							
32	Capacity					$0.02759	0
33	Energy						
34	Summer	0	MWh	$0.02735	0		
35	Winter	0	MWh	$0.01225	0		
36							
37	Credit (June-Sept)	0	MWh			($0.04700)	0
38							
39	Service Charge	8	Cust.	$1.95	0	$1.95	0
40							
41	Distribution Charge	12	MWh	$0.06670	1	$0.06792	1
42	Distribution System	12	MWh	**7.32¢**	**1**	**8.36¢**	**1**
43	IRM	12	MWh	$0.002435	0	$0.002435	0
44	Nuclear Decomm.	12	MWh	$0.000890	0	$0.000890	0
45	Energy Waste Reduction	8	Meters	$4.91	0	$4.91	0
46	LIEAF	8	Meters	$1.50	0	$1.50	0
47	Distribution Surcharges	12	MWh	**5.49¢**	**1**	**5.49¢**	**1**
48							
49	**Total Choice D1.1**	12	MWh	**12.82¢**	**2**	**13.85¢**	**2**
50							
51	**Total D1.1**	5,165	MWh	**15.29¢**	**790**	**15.18¢**	**784**
52	Increase/Decrease ($)						(5)

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Commercial Geothermal Time of Day (D1.7)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 13 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity Charges						
1	Energy						
2	Summer (11 a.m. Peak Start)						
3	On-Peak	1,245	MWh	$0.01590	20	$0.01685	21
4	Off-Peak	3,214	MWh	$0.01452	47	$0.01539	49
5	Winter (11 a.m. Peak Start)						
6	On-Peak	2,687	MWh	$0.01487	40	$0.01576	42
7	Off-Peak	8,653	MWh	$0.01487	129	$0.01576	136
8							
9	Non-Capacity Energy						
10	Summer (11 a.m. Peak Start)						
11	On-Peak	1,245	MWh	$0.03398	42	$0.03376	42
12	Off-Peak	3,214	MWh	$0.03103	100	$0.03083	99
13	Winter (11 a.m. Peak Start)						
14	On-Peak	2,687	MWh	$0.03177	85	$0.03156	85
15	Off-Peak	8,653	MWh	$0.03177	275	$0.03156	273
16	Power Supply Subtotal	15,798	MWh		**737**		**748**
17							
18	PSCR	15,798	MWh	$0.00000	0	$0.00000	0
19	REPS	197	Meters	$0.00	0	$0.00	0
20	Total Full Service Power Supply	15,798	MWh	**4.67¢**	**737**	**4.74¢**	**748**
21							
22	**Full Service Distribution**	Quantity	Units				
23							
24	Service Charge	197	Cust.	$0.067	5	$0.067	5
25							
26	Distribution Charge	15,798	MWh	$0.06670	1,054	$0.06792	1,073
27	Distribution System	15,798	MWh	**6.70¢**	**1,059**	**6.82¢**	**1,078**
28	IRM	15,798	MWh	$0.002435	38	$0.002435	38
29	Nuclear Decomm.	15,798	MWh	$0.000890	14	$0.000890	14
30	Energy Waste Reduction	197	Meters	$4.91	12	$4.91	12
31	LIEAF	197	Meters	$1.50	4	$1.50	4
32	Distribution Surcharges	15,798	MWh	**0.43¢**	**68**	**0.43¢**	**68**
33							
34	Total Distribution	15,798	MWh	**7.13¢**	**1,126**	**7.25¢**	**1,145**
35	**Total Full Service D1.7**	15,798	MWh	**11.80¢**	**1,864**	**11.99¢**	**1,894**
36							
37	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
38							
39	Capacity Charges						
40	Energy						
41	Summer (11 a.m. Peak Start)						
42	On-Peak		MWh	$0.01590	0	$0.01685	0
43	Off-Peak		MWh	$0.01452	0	$0.01539	0
44	Winter (11 a.m. Peak Start)						
45	On-Peak		MWh	$0.01487	0	$0.01576	0
46	Off-Peak		MWh	$0.01487	0	$0.01576	0
47							
48	Service Charge	2	Cust.	$0.067	0	$0.067	0
49							
50	Distribution Charge	334	MWh	$0.06670	22	$0.06792	23
51	Distribution System	334	MWh	**6.68¢**	**22**	**6.80¢**	**23**
52	IRM	334	MWh	$0.002435	1	$0.002435	1
53	Nuclear Decomm.	334	MWh	$0.000890	0	$0.000890	0
54	Energy Waste Reduction	2	Meters	$4.91	0	$4.91	0
55	LIEAF	2	Meters	$1.50	0	$1.50	0
56	Distribution Surcharges	334	MWh	**0.37¢**	**1**	**0.37¢**	**1**
57							
58	**Total Choice D1.7**	334	MWh	**7.05¢**	**24**	**7.17¢**	**24**
59							
60	**Total D1.7**	16,133	MWh	**11.70¢**	**1,887**	**11.89¢**	**1,918**
61	Increase/Decrease ($)						30

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Commercial Dynamic Peak Pricing Rate - D1.8

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
	Capacity						
1	Energy						
2	Off-Peak (11pm-7am)	1,220	MWh	$0.01464	18	$0.01551	19
3	Mid-Peak (7 pm-11pm, 7am-3pm)	999	MWh	$0.02876	29	$0.03048	30
4	On-Peak (3 pm- 7 pm)	345	MWh	$0.05352	18	$0.05671	20
5	Critical Peak (3pm-7pm)	0	MWh	$0.83565	0	$0.83640	0
6							
7	Non-capacity energy	2,564	MWh				
8	Off-Peak (11pm-7am)	1,220	MWh	$0.03128	38	$0.03108	38
9	Mid-Peak (7 pm-11pm, 7am-3pm)	999	MWh	$0.06146	61	$0.06106	61
10	On-Peak (3 pm- 7 pm)	345	MWh	$0.11435	39	$0.11360	39
11	Critical Peak (3pm-7pm)	0	MWh	$0.11435	0	$0.11360	0
12	Power Supply Subtotal	2,564	MWh		**204**		**207**
13							
14	PSCR	2,564	MWh	$0.00000	0	$0.00000	0
15	REPS	32	Cust.	$0.00	0	$0.00	0
16	Total Full Service Power Supply	2,564	MWh	**7.96¢**	**204**	**8.08¢**	**207**
17							
18	**Full Service Distribution**	Quantity	Units				
19							
20	Service Charge	32	Cust.	$11.25	4	$11.25	4
21							
22	Distribution Charge	2,564	MWh	$0.06670	171	$0.06792	174
23	Distribution System	2,564	MWh	**6.84¢**	**175**	**6.96¢**	**178**
24	IRM	2,564	MWh	$0.002435	6	$0.002435	6
25	Nuclear Decomm.	2,564	MWh	$0.000890	2	$0.000890	2
26	Energy Waste Reduction	32	Cust.	$4.91	2	$4.91	2
27	LIEAF	32		$1.50	1	$1.50	1
28	Distribution Surcharges	2,564	MWh	**0.43¢**	**11**	**0.43¢**	**11**
29	Total Full Service D1.1						
30	Total Full Service Distribution	2,564	MWh	**7.27¢**	**186**	**7.39¢**	**189**
31	**Total Full Service D1.8**	2,564	MWh	**15.23¢**	**390**	**15.47¢**	**397**
32	Increase/Decrease ($)						6

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Commercial Electric Vehicle Rate - D1.9

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Power Supply Charges						
2	Capacity						
3	Option I						
4	On-Peak	178	MWh	$0.06455	12	$0.07214	13
5	Off-Peak	1,263	MWh	$0.01615	20	$0.01805	23
6		1,442	MWh				
7							
8	Non-capacity energy charge						
9	On-Peak	178	MWh	$0.10904	19	$0.10974	20
10	Off-Peak	1,263	MWh	$0.02725	34	$0.02742	35
11							
12	PSCR	1,442	MWh	$0.00000	0	$0.00000	0
13							
14							
15	Total Full Service Power Supply	1,442	MWh	**5.95¢**	**86**	**6.23¢**	90
16							
17	**Full Service Distribution**						
18							
19	Option I Service Charge ($/month)	37	Cust.	$1.95	1	$1.95	1
20							
21	Distribution Charge	1,442	MWh	$0.09726	140	$0.10380	150
22	Distribution System	1,442	MWh	**9.79¢**	**141**	**10.44¢**	151
23	IRM	1,442	MWh	$0.002435	4	$0.002435	4
24	Nuclear Decomm.	1,442	MWh	$0.000890	1	$0.000890	1
25	Energy Waste Reduction	37	Meters	$4.91	2	$4.91	2
26	LIEAF	37	Meters	$1.50	1	$1.50	1
27	Distribution Surcharges	1,442	MWh	**0.53¢**	**8**	**0.53¢**	**8**
28							
29	Total Full Service Distribution	1,442	MWh	**10.32¢**	**149**	**10.97¢**	**158**
30	**Total Full-Service D1.9**	1,442	MWh	**16.27¢**	**234**	**17.20¢**	**248**
31							
32	**Choice Distribution**			Rate	Revenue ($000)	Rate	Revenue ($000)
33							
34	Capacity						
35	Option I						
36	On-Peak	0	MWh	$0.06455	0	$0.07214	0
37	Off-Peak	0	MWh	$0.01615	0	$0.01805	0
38		0	MWh				
39	Option I Service Charge ($/month)	0	Cust.	$1.95	0	$1.95	0
40							
41	Distribution Charge	0	MWh	$0.09726	0	$0.10380	0
42	Distribution System	0	MWh		0		0
43	IRM	0	MWh	$0.002435	0	$0.002435	0
44	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
45	Energy Waste Reduction	0	Meters	$4.91	0	$4.91	0
46	LIEAF	0	Meters	$1.500000	0	$1.500000	0
47	Distribution Subtotal	0	MWh		0		0
48							
49							
50	**Total Choice D1.9**	0	MWh		0		0
51							
52	**Total D1.9**	1,442	MWh	**16.27¢**	**234**	**17.20¢**	**248**
53	Increase/Decrease ($)						14

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
General Service Rate - D3

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Capacity						
2	Energy	7,779,657	MWh	$0.02603	202,504	$0.02759	214,666
3							
4	Non-Capacity						
5	Energy	7,779,657		$0.05562	432,705	$0.05525	429,829
6							
7	PSCR	7,779,657	MWh	$0.00000	0	$0.00000	0
8	REPS	200,241	Meters	$0.00	0	$0.00	0
9	Total Full Service Power Supply	7,779,657	MWh	**8.17¢**	**635,209**	**8.28¢**	**644,496**
10							
11	**Full Service Distribution**	Quantity	Units				
12							
13	Service Charge	200,241	Cust.	$11.25	27,033	$11.25	27,033
14							
15	Distribution Charge	7,779,657	MWh	$0.06670	518,903	$0.06792	528,396
16	Distribution System	7,779,657	MWh	**7.02¢**	**545,936**	**7.14¢**	**555,429**
17	IRM	7,779,657	MWh	$0.002435	18,943	$0.002435	18,943
18	Nuclear Decomm.	7,779,657	MWh	$0.000890	6,924	$0.000890	6,924
19	Energy Optimization	200,241	Meters	$4.91	11,798	$4.91	11,798
20	LIEAF	200,241	Meters	$1.50	3,604	$1.50	3,604
21	Distribution Surcharges	7,779,657	MWh	**0.53¢**	**41,270**	**0.53¢**	**41,270**
22							
23	Total Full Service Distribution	7,779,657	MWh	**7.55¢**	**587,206**	**7.67¢**	**596,699**
24	**Total Full Service D3**	7,779,657	MWh	**15.71¢**	**1,222,415**	**15.95¢**	**1,241,195**
25							
26	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
27							
28	Capacity						
29	Energy	0	MWh	$0.02603	0	$0.02759	0
30							
31	Service Charge	2,007	Cust.	$11.25	271	$11.25	271
32							
33	Distribution Charge	280,720	MWh	$0.06670	18,724	$0.06792	19,067
34	Distribution System	280,720	MWh	**6.77¢**	**18,995**	**6.89¢**	**19,337**
35	IRM	280,720	MWh	$0.002435	684	$0.002435	684
36	Nuclear Decomm.	280,720	MWh	$0.000890	250	$0.000890	250
37	Energy Optimization	2,007	Meters	$4.91	118	$4.91	118
38	LIEAF	2,007	Meters	$1.50	36	$1.50	36
39	Distribution Surcharges	280,720	MWh	**0.39¢**	**1,088**	**0.39¢**	**1,088**
40							
41	**Total Choice D3**	280,720	MWh	**7.15¢**	**20,083**	**7.28¢**	**20,425**
42							
43	**Total D3**	8,060,377	MWh	**15.41¢**	**1,242,497**	**15.65¢**	**1,261,620**
44	Increase/Decrease ($)						19,122

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Unmetered General Service Rate - D3.1

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
1	Connected Load	265,127,161	Watts				
2							
3	Capacity						
4	Energy	92,795	MWh	0.02223	2,063	0.02369	2,198
5							
6	Non-capacity energy	92,795	MWh	0.11420	10,597	0.11537	10,706
7							
8	PSCR	92,795	MWh	0.00000	0	0	0
9	IRM	92,795	MWh	0.002435	226	0.002435	226
10	Nuclear Decommissioning	92,795	MWh	0.000890	83	0.000890	83
11							
12	Energy Waste Reduction	2,081	Meters	4.91	123	4.91	123
13							
14	REPS	2,081	Meters	0.00	0	0.00	0
15							
16	**Total D3.1**	92,795	MWh		**13,091**		**13,335**
	Increase/Decrease ($)						244

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Secondary Educational Institution - D3.2

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	Capacity						
2	Energy	346,510	MWh	$0.02403	8,327	$0.02557	8,861
3							
4	Non-capacity energy	346,510	MWh	$0.05483	18,999	$0.05449	18,881
5							
6	PSCR	346,510	MWh	$0.00000	0	$0.00000	0
7	REPS	1,206	Meters	$0.00	0	$0.00	0
8	Total Full Service Power Supply	346,510	MWh	**7.89¢**	**27,326**	**8.01¢**	**27,742**
9							
10	**Full Service Distribution**	Quantity	Units				
11							
12	Service Charge	1,206	Cust.	$11.25	163	$11.25	163
13							
14	Distribution Charge	346,510	MWh	$0.06670	23,112	$0.06792	23,535
15	Distribution System	346,510	MWh	**6.72¢**	**23,275**	**6.84¢**	**23,698**
16	IRM	346,510	MWh	$0.002435	844	$0.002435	844
17	Nuclear Decomm.	346,510	MWh	$0.000890	308	$0.000890	308
18	Energy Waste Reduction	1,206	Meters	$4.91	71	$4.91	71
19	LIEAF	1,206	Meters	$1.50	22	$1.50	22
20	Distribution Surcharges	346,510	MWh	**0.36¢**	**1,245**	**0.36¢**	**1,245**
21							
22	Total Full Service Distribution	346,510	MWh	**7.08¢**	**24,520**	**7.20¢**	**24,943**
23	**Total Full Service D3.2**	346,510	MWh	**14.96¢**	**51,846**	**15.20¢**	**52,685**
24							
25	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
26							
27	Capacity						
28	Energy	0	MWh	$0.02403	0	$0.02557	0
29							
30	Service Charge	764	Cust.	$11.25	103	$11.25	103
31							
32	Distribution Charge	312,616	MWh	$0.06670	20,851	$0.06792	21,233
33	Distribution System	312,616	MWh	**6.70¢**	**20,955**	**6.83¢**	**21,336**
34	IRM	312,616	MWh	$0.002435	761	$0.002435	761
35	Nuclear Decomm.	312,616	MWh	$0.000890	278	$0.000890	278
36	Energy Waste Reduction	764	Meters	$4.91	45	$4.91	45
37	LIEAF	764	Meters	$1.50	14	$1.50	14
38	Distribution Surcharges	312,616	MWh	**0.00¢**	**1,098**	**0.35¢**	**1,098**
39							
40	**Total Choice D3.2**	312,616	MWh	**7.05¢**	**22,053**	**7.18¢**	**22,434**
41							
42	**Total D3.2**	659,126	MWh	**11.21¢**	**73,899**	**11.40¢**	**75,119**
43	Increase/Decrease ($)						1,220

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible General Service Rate - D3.3

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Capacity						
2	Energy	55,422	MWh	$0.02175	1,205	$0.02305	1,277
3							
4	Non-capacity energy	55,422	MWh	$0.04647	2,575	$0.04617	2,559
5							
6	PSCR	55,422	MWh	$0.00000	0	$0.00000	0
7	REPS	66	Meters	$0.00	0	$0.00	0
8	Total Full Service Power Supply	55,422	MWh	**6.82¢**	**3,781**	**6.92¢**	**3,836**
9							
10	**Full Service Distribution**	Quantity	Units				
11							
12	Service Charge	66	Cust.	$11.25	9	$11.25	9
13							
14	Distribution Charge	55,422	MWh	$0.06670	3,697	$0.06792	3,764
15	Distribution System	55,422	MWh	**6.69¢**	**3,706**	**6.81¢**	**3,773**
16	IRM	55,422	MWh	$0.002435	135	$0.002435	135
17	Nuclear Decomm.	55,422	MWh	$0.000890	49	$0.000890	49
18	Energy Waste Reduction	66	Meters	$4.91	4	$4.91	4
19	LIEAF	66	Meters	$1.50	1	$1.50	1
20	Distribution Surcharges	55,422	MWh	**0.34¢**	**189**	**0.34¢**	**189**
21							
22	Full Service Distribution	55,422	MWh	**7.03¢**	**3,895**	**7.15¢**	**3,963**
23	**Total Full Service D3.3**	55,422	MWh	**13.85¢**	**7,676**	**14.07¢**	**7,798**
24							
25	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
26							
27	Capacity						
28	Energy	0	MWh	$0.02175	0	$0.02305	0
29							
30	Service Charge	4	Cust.	$11.25	1	$11.25	1
31							
32	Distribution Charge	6,705	MWh	$0.06670	447	$0.06792	455
33	Distribution System	6,705	MWh	**6.68¢**	**448**	**6.80¢**	**456**
34	IRM	6,705	MWh	$0.002435	16	$0.002435	16
35	Nuclear Decomm.	6,705	MWh	$0.000890	6	$0.000890	6
36	Energy Waste Reduction	4	Meters	$4.91	0	$4.91	0
37	LIEAF	4	Meters	$1.50	0	$1.50	0
38	Distribution Surcharges	6,705	MWh	**0.34¢**	**23**	**0.34¢**	**23**
39							
40	**Total Choice D3.3**	6,705	MWh	**7.02¢**	**470**	**7.14¢**	**479**
41							
42	**Total D3.3**	62,126	MWh	**13.11¢**	**8,146**	**13.32¢**	**8,277**
43	Increase/Decrease ($)						131

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Company Owned Charging Service - D3.5

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
1							
2	Non Capacity On Peak (2pm-5pm, M-F)	0	MWh	$0.07743	0	$0.07856	0
3	Non Capacity Off Peak	0	MWh	$0.06892	0	$0.06993	0
4	PSCR	0	MWh	$0.00000	0	$0.00000	0
5	Session Fee						
6	< 200 kW	0	session	$21.00	0	$21.00	0
7	> 200 kW	0	session	$66.00	0	$66.00	0
8	IRM	0	MWh	0.002435	0	0.002435	0
9	Nuclear Decomm.	0	MWh	0.000890	0	0.000890	0
10	Energy Waste Reduction	0	MWh	0.000000	0	0.000000	0
11	LIEAF	0	MWh	0.000000	0	0.000000	0
12							
13							
14	**Total D3.5**	0	MWh		**0**	**0.00¢**	**0**
	Increase/Decrease ($)						-

Michigan Public Service Commission
DTE Electric Company
Staff Optional TOU General Service Rate - D3.11
Designed Revenue Neutral to D3

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Proposed D3 Rate	(d) Revenue ($000)	(e) Revenue Neutral Design Rate	(f) Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
1	Capacity						
2	June - September						
3	On Peak (1pm - 5pm M-F)	451,088	MWh			$0.04326	19,512
4	Off Peak	2,412,559	MWh			$0.02663	64,245
5	October - May						
6	On Peak (1pm - 5pm M-F)	744,961	MWh			$0.02663	19,838
7	Off Peak	4,171,049	MWh			$0.02663	111,072
8							
9	Non-Capacity						
10	June - September						
11	On Peak (1pm - 5pm M-F)	451,088	MWh			$0.08661	39,069
12	Off Peak	2,412,559	MWh			$0.05332	128,638
13	October - May						
14	On Peak (1pm - 5pm M-F)	744,961	MWh			$0.05332	39,721
15	Off Peak	4,171,049	MWh			$0.05332	222,401
16							
17	PSCR	7,779,657	MWh			$0.00000	0
18	REPS	200,241	Meters			$0.00	0
19	Total Full Service Power Supply	7,779,657	MWh	**8.28¢**	**644,496**	**8.28¢**	**644,496**
20							
21	**Full Service Distribution**	Quantity	Units				
22							
23	Service Charge	200,241	Cust.	$11.25	27,033	$11.25	27,033
24							
25	Distribution Charge	7,779,657	MWh	$0.06792	528,396	$0.06792	528,396
26	Distribution System	7,779,657	MWh	**7.14¢**	**555,429**	**7.14¢**	**555,429**
27	IRM	7,779,657	MWh	$0.002435	18,943	$0.002435	18,943
28	Nuclear Decomm.	7,779,657	MWh	$0.000890	6,924	$0.000890	6,924
29	Energy Optimization	200,241	Meters	$4.91	11,798	$4.91	11,798
30	LIEAF	200,241	Meters	$1.50	3,604	$1.50	3,604
31	Distribution Surcharges	7,779,657	MWh	**0.53¢**	**41,270**	**0.53¢**	**41,270**
32							
33	Total Full Service Distribution	7,779,657	MWh	**7.67¢**	**596,699**	**7.67¢**	**596,699**
34	**Total Full Service D3.11**	7,779,657	MWh	**15.95¢**	**1,241,195**	**15.95¢**	**1,241,195**
35							
36	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
37					($000)		($000)
38	Capacity						
39	June - September						
40	On Peak (1pm - 5pm M-F)	0	MWh			$0.04326	0
41	Off Peak	0	MWh			$0.02663	0
42	October - May						
43	On Peak (1pm - 5pm M-F)	0	MWh			$0.02663	0
44	Off Peak	0	MWh			$0.02663	0
45							
46	Service Charge	2,007	Cust.	$11.25	271	$11.25	271
47							
48	Distribution Charge	280,720	MWh	$0.06792	19,067	$0.06792	19,067
49	Distribution System	280,720	MWh	**6.89¢**	**19,337**	**6.89¢**	**19,337**
50	IRM	280,720	MWh	$0.002435	684	$0.002435	684
51	Nuclear Decomm.	280,720	MWh	$0.000890	250	$0.000890	250
52	Energy Optimization	2,007	Meters	$4.91	118	$4.91	118
53	LIEAF	2,007	Meters	$1.50	36	$1.50	36
54	Distribution Surcharges	280,720	MWh	**0.39¢**	**1,088**	**0.39¢**	**1,088**
55							
56	**Total Choice D3.11**	280,720	MWh	**7.28¢**	**20,425**	**7.28¢**	**20,425**
57							
58	**Total D3.11**	8,060,377	MWh	**15.65¢**	**1,261,620**	**15.65¢**	**1,261,620**
59	Increase/Decrease ($)						-

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Large General Service Rate - D4

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	**Capacity**						
2	Demand Charge	4,235,142	kW	$9.18	38,879	$9.90	41,930
3	Energy						
4	First 200 Hrs. Use	834,121	MWh	$0.00000	0	$0.00000	0
5	Excess	885,806	MWh	$0.00000	0	$0.00000	0
6	Power Supply Subtotal	1,719,927	MWh		**38,879**		**41,930**
7							
8	**Non-capacity**						
9	Demand Charge	4,235,142	kW	7.48	31,679	$7.10	30,077
10	Energy						
11	First 200 Hrs. Use	834,121	MWh	0.04031	33,623	$0.04114	34,314
12	Excess	885,806	MWh	0.03112	27,566	$0.03176	28,133
13	PSCR	1,719,927	MWh	$0.00000	0	$0.00000	0
14	REPS	7,513	Meters	$0.00	0	$0.00	0
15	Total Full Service Power Supply	1,719,927	MWh	**7.66¢**	**131,747**	**7.82¢**	**134,454**
16							
17	**Full Service Distribution**	Quantity	Units				
18							
19	Service Charge	7,513	Cust.	$13.67	1,232	$13.67	1,232
20							
21	Distribution Demand Charge	4,235,142	kW	$27.10	114,772	$27.48	116,363
22	Distribution Energy Charge	1,719,927	MWh	$0.000000	0	$0.000000	0
23	Distribution Charges	1,719,927	MWh	**6.74¢**	**116,005**	**6.84¢**	**117,595**
24	IRM	4,235,142	kW	$1.0403	4,406	$1.0403	4,406
25	Nuclear Decomm.	1,719,927	MWh	$0.000890	1,531	$0.000890	1,531
26	Energy Waste Reduction	7,513	Meters	$125.39	11,305	$125.39	11,305
27	LIEAF	7,513	Meters	$1.50	135	$1.50	135
28	Distribution Surcharges	1,719,927	MWh	**1.01¢**	**17,376**	**1.01¢**	**17,376**
29							
30	Total Full Service Distribution	1,719,927	MWh	**7.76¢**	**133,381**	**7.85¢**	**134,972**
31	**Total Full Service D4**	1,719,927	MWh	**15.42¢**	**265,128**	**15.66¢**	**269,426**
32							
33	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
34							
35	Capacity						
36	Demand Charge	0	kW	$9.18	0	$9.90	0
37	Energy						
38	First 200 Hrs. Use	0	MWh	$0.00000	0	$0.00000	0
39	Excess	0	MWh	$0.00000	0	$0.00000	0
40							
41	Service Charge	723	Cust.	$13.67	119	$13.67	119
42							
43	Distribution Demand Charge	545,358	kW	$27.10	14,779	$27.48	14,984
44	Distribution Energy Charge	213,914	MWh	$0.00000	0	$0.00000	0
45	Distribution System	213,914	MWh	**6.96¢**	**14,898**	**7.06¢**	**15,103**
46	IRM	545,358	kW	$1.0403	567	$1.0403	567
47	Nuclear Decomm.	213,914	MWh	$0.000890	190	$0.000890	190
48	Energy Waste Reduction	723	Meters	$125.39	1,088	$125.39	1,088
49	LIEAF	723	Meters	$1.50	13	$1.50	13
50	Distribution Surcharges	213,914	MWh	**0.87¢**	**1,859**	**0.87¢**	**1,859**
51							
52	**Total Choice D4**	213,914	MWh	**7.83¢**	**16,756**	**7.93¢**	**16,961**
53							
54	**Total D4**	1,933,841	MWh	**14.58¢**	**281,885**	**14.81¢**	**286,387**
55	Increase/Decrease ($)						4,502

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Water Heating Service Rate - Commercial D5

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Capacity						
2	Energy	6,992	MWh	$0.01533	107	$0.01624	114
3							
4	Non-capacity energy	6,992	MWh	$0.03275	229	$0.03254	228
5							
6	PSCR	6,992	MWh	$0.00000	0	$0.00000	0
7	REPS	730	Meters	$0.00	0	$0.00	0
8	Total Full Service Power Supply	6,992	MWh	**4.81¢**	**336**	**4.88¢**	**341**
9							
10	**Full Service Distribution**	Quantity	Units				
11							
12	Service Charge	730	Cust.	$1.95	17	$1.95	17
13							
14	Distribution Charge	6,992	MWh	$0.06670	466	$0.06792	475
15	Distribution System	6,992	MWh	**6.91¢**	**483**	**7.04¢**	**492**
16	IRM	6,992	MWh	$0.002435	17	$0.002435	17
17	Nuclear Decomm.	6,992	MWh	$0.000890	6	$0.000890	6
18	Energy Waste Reduction	730	Meters	$4.91	43	$4.91	43
19	LIEAF	730	Meters	$1.50	13	$1.50	13
20	Distribution Surcharges	6,992	MWh	**1.14¢**	**79**	**1.14¢**	**79**
21							
22	Total Full Service Distribution	6,992	MWh	**8.05¢**	**563**	**8.17¢**	**571**
23	**Total Full Service D5**	6,992	MWh	**12.86¢**	**899**	**13.05¢**	**913**
24							
25	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
26							
27	Capacity						
28	Energy	0	MWh	$0.01533	0	$0.01624	0
29							
30	Service Charge	1	Cust.	$1.95	0	$1.95	0
31							
32	Distribution Charge	3	MWh	$0.06670	0	$0.06792	0
33	Distribution System	3	MWh	**7.77¢**	**0**	**7.89¢**	**0**
34	IRM	3	MWh	$0.002435	0	$0.002435	0
35	Nuclear Decomm.	3	MWh	$0.000890	0	$0.000890	0
36	Energy Waste Reduction	1	Meters	$4.91	0	$4.91	0
37	LIEAF	1	Meters	$1.50	0	$1.50	0
38	Distribution Surcharges	3	MWh	**3.94¢**	**0**	**3.94¢**	**0**
39							
40	**Total Choice D5**	3	MWh	**11.71¢**	**0**	**11.83¢**	**0**
41							
42	**Total D5**	6,995	MWh	**12.86¢**	**899**	**13.05¢**	**913**
43	Increase/Decrease ($)						13

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Energy Only Street Lighting E1.1

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 24 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
1	**Capacity**						
2	Energy						
3	Secondary	9,946	MWh	$0.01791	178	$0.01898	189
4	Dusk to Midnight	4	MWh	$0.07825	0	$0.08293	0
5	Primary Energy	0	MWh	$0.01791	0	$0.01898	0
6							
7	Non-capacity charge	9,950		$0.03832	381	$0.03807	379
8	Power Supply Subtotal	9,950	MWh	**5.63¢**	**560**	**5.71¢**	**568**
9							
10	PSCR	9,950	MWh	$0.00000	0	$0.00000	0
11	REPS	275	Meters	$0.00	0	$0.00	0
12	Total Full Service Power Supply	9,950	MWh	**5.63¢**	**560**	**5.71¢**	**568**
13							
14	**Full Service Distribution**						
15							
16	Distribution Charge	9,950	MWh	$0.06670	664	$0.06792	676
17	Distribution System	9,950	MWh	**6.67¢**	**664**	**6.79¢**	**676**
18	IRM	9,950	MWh	$0.002435	24	$0.002435	24
19	Nuclear Decomm.	9,950	MWh	$0.000890	9	$0.000890	9
20	Energy Waste Reduction	275	Meters	$4.91	16	$4.91	16
21	LIEAF	275	Meters	$1.50	5	$1.50	5
22	Distribution Surcharges	9,950	MWh	**0.55¢**	**54**	**0.55¢**	**54**
23							
24	Total Distribution	9,950	MWh	**7.22¢**	**718**	**7.34¢**	**730**
25	**Total Full Service E1.1**	9,950	MWh	**12.84¢**	**1,278**	**13.04¢**	**1,298**
26							
27	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
28					($000)		($000)
29	**Capacity**						
30	Energy						
31	Secondary	0	MWh	$0.01791	0	$0.01898	0
32	Dusk to Midnight	0	MWh	$0.07825	0	$0.08293	0
33	Primary Energy	0	MWh	$0.01791	0	$0.01898	0
34							
35	Distribution Charge	0	MWh	$0.06670	0	$0.06792	0
36	Distribution System	0	MWh		**0**		**0**
37	IRM	0	MWh	$0.002435	0	$0.002435	0
38	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
39	Energy Waste Reduction	0	Meters	$4.91	0	$4.91	0
40	LIEAF	0	Meters	$1.50	0	$1.50	0
41	Distribution Surcharges	0	MWh		**0**		**0**
42							
43	**Total Choice E1.1**	0	MWh		**0**		**0**
44							
45	**Total E1.1**	9,950	MWh	**12.84¢**	**1,278**	**13.04¢**	**1,298**
46	Increase/Decrease ($)						20

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Greenhouse Lighting Service Rate - Standard Contract Rider No. R7

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	**Capacity**						
2	Energy	3,427	MWh	$0.01487	51	$0.01576	54
3							
4	Non-capacity						
5	Energy	3,427	MWh	$0.03177	109	$0.03156	108
6							
7	PSCR	3,427	MWh	$0.00000	0	$0.00000	0
8	REPS	9	Meters	$0.00	0	$0.00	0
9	Total Full Service Power Supply	3,427	MWh	**4.66¢**	**160**	**4.73¢**	**162**
10							
11	**Full Service Distribution**	Quantity	Units				
12							
13	Service Charge	9	Cust.	$1.95	0	$1.95	0
14							
15	Distribution Charge	3,427	MWh	$0.06670	229	$0.06792	233
16	Distribution System	3,427	MWh	**6.68¢**	**229**	**6.80¢**	**233**
17	IRM	3,427	MWh	$0.002435	8	$0.002435	8
18	Nuclear Decomm.	3,427	MWh	$0.000890	3	$0.000890	3
19	Energy Waste Reduction	9	Meters	$4.91	1	$4.91	1
20	LIEAF	9	Meters	$1.50	0	$1.50	0
21	Distribution Surcharges	3,427	MWh	**0.35¢**	**12**	**0.35¢**	**12**
22							
23	Total Distribution	3,427	MWh	**7.03¢**	**241**	**7.15¢**	**245**
24	**Total Full Service R7**	3,427	MWh	**11.69¢**	**401**	**11.88¢**	**407**
25							
26	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
27							
28	**Capacity**						
29	Energy	0	MWh	$0.01487	0	$0.01576	0
30							
31	Service Charge	0	Cust.	$1.95	0	$1.95	0
32							0
33	Distribution Charge	0	MWh	$0.06670	0	$0.06792	0
34	Distribution System	0	MWh		**0**		**0**
35	IRM	0	MWh	$0.002435	0	$0.002435	0
36	Nuclear Decomm.	0	MWh	$0.000890	0	$0.000890	0
37	Energy Waste Reduction	0	Meters	$4.91	0	$4.91	0
38	LIEAF	0	Meters	$1.50	0	$1.50	0
39	Distribution Surcharges	0	MWh		**0**		**0**
40							
41	**Total Choice R7**	0	MWh		**0**		**0**
42							
43	**Total R7**	3,427	MWh	**11.69¢**	**401**	**11.88¢**	**407**
44	Increase/Decrease ($)						7

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Commercial Space Conditioning Rate - Standard Contract Rider No. R8

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 26 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	**Capacity**						
2	Energy						
3	Summer June-Oct						
4	R8 All KWH- Separate Meter	17,382	MWh	$0.04007	697	$0.04289	745
5	R8a initial Block of D3	1,297	MWh	$0.02603	34	$0.02759	36
6	R8a Excess	440	MWh	$0.04007	18	$0.04289	19
7							
8	Winter Nov-May						
9	R8 First 1000 KWH- Sep Mtr	5,140	MWh	$0.04007	206	$0.04289	220
10	R8 Excess	34,814	MWh	$0.01328	462	$0.01421	495
11							
12	R8a initial Block of D3	2,395	MWh	$0.02603	62	$0.02759	66
13	Excess	11,879	MWh	$0.01328	158	$0.01421	169
14							
15	Non-capacity Charge	73,347	MWh	$0.04833	3,545	$0.04780	3,506
16	Power Supply Subtotal	73,347	MWh		**5,181**		**5,257**
17							
18	PSCR	73,347	MWh	$0.00000	0	$0.00000	0
19	REPS	1,651	Meters	$0.00	0	$0.00	0
20	Total Full Service Power Supply	73,347	MWh	**7.06¢**	**5,181**	**7.17¢**	**5,257**
21							
22	**Full Service Distribution**	Quantity	Units				
23							
24	Service Charge						
25	R8 Separate Meter	1,045	Cust.	$11.25	141	$11.25	141
26	R8a	606	Cust.	$11.25	82	$11.25	82
27							
28	Distribution Charge	73,347	MWh	$0.06670	4,892	$0.06792	4,982
29	Distribution System	73,347	MWh	**6.97¢**	**5,115**	**7.10¢**	**5,205**
30	IRM	73,347	MWh	$0.002435	179	$0.002435	179
31	Nuclear Decomm.	73,347	MWh	$0.000890	65	$0.000890	65
32	Energy Waste Reduction	1,045	Meters	$4.91	$62	$4.91	62
33	LIEAF	1,045	Meters	$1.50	19	$1.50	19
34	Distribution Surcharges	73,347	MWh	**0.44¢**	**324**	**0.44¢**	**324**
35							
36	Total Distribution	73,347	MWh	**7.42¢**	**5,439**	**7.54¢**	**5,529**
37	**Total Full Service R8**	73,347	MWh	**14.48¢**	**10,621**	**14.70¢**	**10,786**
38							
39	**Choice Distribution**	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
40							
41	**Capacity**						
42	Energy						
43							
44	R8 All KWH- Separate Meter	0	MWh	$0.04007	0	$0.04289	0
45	R8a initial Block of D3	0	MWh	$0.02603	0	$0.02759	0
46	R8a Excess	0	MWh	$0.04007	0	$0.04289	0
47							
48	Winter Nov-May						
49	R8 First 1000 KWH- Sep Mtr	0	MWh	$0.04007	0	$0.04289	0
50	R8 Excess	0	MWh	$0.01328	0	$0.01421	0
51							
52	R8a initial Block of D3	0	MWh	$0.02603	0	$0.02759	0
53	Excess	0	MWh	$0.01328	0	$0.01421	0
54							
55	Service Charge						
56	R8 Separate Meter	10	Cust.	$11.25	1	$11.25	1
57	R8a	0	Cust.	$11.25	0	$11.25	0
58							
59	Distribution Charge	1,231	MWh	$0.06670	82	$0.06792	84
60	Distribution System	1,231	MWh	**6.78¢**	**83**	**6.90¢**	**85**
61	IRM	1,231	MWh	$0.002435	3	$0.002435	3
62	Nuclear Decomm.	1,231	MWh	$0.000890	1	$0.000890	1
63	Energy Waste Reduction	10	Meters	$4.91	1	$4.91	1
64	LIEAF	10	Meters	$1.50	0	$1.50	0
65	Distribution Surcharges	1,231	MWh	**0.39¢**	**5**	**0.39¢**	**5**
66							
67	**Total Choice R8**	1,231	MWh	**7.17¢**	**88**	**7.30¢**	**90**
68							
69	**Total R8**	74,578	MWh	**14.36¢**	**10,709**	**14.58¢**	**10,875**
70	Increase/Decrease ($)						167

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Primary Supply Rate - D11
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity						
1	Power Supply Demand	22,810,635	kW	9.23	210,542	10.27	234,221
2	Voltage Level Discount						
3	Subtransmission	2,766,769	kW	(0.19)	(526)	(0.21)	(577)
4	Transmission	6,602,568	kW	(0.39)	(2,575)	(0.43)	(2,858)
5							
6	Energy						
7	On-Peak	3,117,800	MWh		0		0
8	Off-Peak	9,050,859	MWh		0		0
9	Total Energy	12,168,659	MWh	0.00000	0	0.00000	0
10							
11	Voltage Level Discount						
12	Subtransmission	1,570,634	MWh	0.00000	0	0.00000	0
13	Transmission	4,308,334	MWh	0.00000	0	0.00000	0
14	Total Capacity	12,168,659	MWh		207,441		230,785
15							
16	**Non-Capacity**						
17	Power Supply Demand	22,810,635	kW	7.86	179,292	7.34	167,371
18	Voltage Level Adjustment						
19	Subtransmission	2,766,769	kW	(0.16)	(443)	(0.15)	(413)
20	Transmission	6,602,568	kW	(0.33)	(2,179)	(0.31)	(2,042)
21	Energy						
22	On-Peak	3,117,800	MWh	0.04300	134,065	0.04409	137,462
23	Off-Peak	9,050,859	MWh	0.03300	298,678	0.03409	308,540
24	Voltage Level Discount						
25	Subtransmission	1,570,634	MWh	(0.00063)	(989)	(0.00065)	(1,019)
26	Transmission	4,308,334	MWh	(0.00140)	(6,032)	(0.00144)	(6,222)
27	Power Supply Subtotal	12,168,659	MWh		809,834		834,463
28							
29	PSCR	12,168,659	MWh	0.00000	0	0.00000	0
30	REPS	2,066	Cust.	0.0	0	0.0	0
31	Total Full Service Power Supply	12,168,659	MWh	**6.66¢**	**809,834**	**6.86¢**	**834,463**
32							
33	**Full Service Distribution**	Quantity	Units				
34							
35	Service Charge - PV	1,936	Cust.	70	1,626	70	1,626
36	Service Charge - SV	68	Cust.	375	304	375	304
37	Service Charge - TV	63	Cust.	375	283	375	283
38	Distribution Charges						
39	Primary	16,661,594	kW	7.15	119,130	7.36	122,614
40		6,289,691	MWh				
41	Subtransmission	3,859,393	kW	1.84	7,101	2.01	7,759
42		1,570,634	MWh				
43	Transmission	7,835,819	kW	0.98	7,679	1.11	8,730
44		4,308,334	MWh				
45	Substation Credit						
46	Demand	2,661,884	kW	(0.30)	(799)	(0.30)	(799)
47	Energy	178,642	MWh	(0.0004)	(71)	(0.0004)	(71)
48	Distribution System	12,168,659	MWh	1.11¢	135,254	1.15¢	140,447
49							
50	IRM - PV	16,661,594	kW	0.2743	4,570	0.2743	4,570
51	IRM - SV	3,859,393	kW	0.1018	393	0.1018	393
52	IRM - TV	7,835,819	kW	0.0000	0	0.0000	0
53	Nuclear Decommissioning	12,168,659	MWh	0.000890	10,830	0.000890	10,830
54	Energy Waste Reduction	2,455	Meters	1,874.49	55,219	1,874.49	55,219
55	LIEAF	2,455	Meters	1.50	44	1.50	44
56	Distribution Surcharges	12,168,659	MWh	0.58¢	71,056	0.58¢	71,056
57							
58	Total Full Service Distribution	12,168,659	MWh	**1.70¢**	**206,310**	**1.74¢**	**211,503**
59	**Total Full Service D11**	12,168,659	MWh	**8.35¢**	**1,016,144**	**8.60¢**	**1,045,966**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Primary Supply Rate - D11 (Cont'd)
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
60	**Choice Distribution**						
61	**Capacity**						
62	Power Supply Demand	0	kW	9.23	0	10.27	0
63	Voltage Level Discount						
64	Subtransmission	0	kW	(0.19)	0	(0.21)	0
65	Transmission	0	kW	(0.39)	0	(0.43)	0
66							
67	Energy						
68	On-Peak	0	MWh	0.00000	0	0.00000	0
69	Off-Peak	0	MWh	0.00000	0	0.00000	0
70	Total Energy	0	MWh			0.00000	0
71							
72	Voltage Level Discount						
73	Subtransmission	0	MWh	0.00000	0	0.00000	0
74	Transmission	0	MWh	0.00000	0	0.00000	0
75	Total Capacity	0	MWh		0		0
76							
77	Service Charge - PV	553	Cust.	70	464	70	464
78	Service Charge - SV	12	Cust.	375	54	375	54
79	Service Charge - TV	8	Cust.	375	36	375	36
80	Distribution Charges						
81	Primary	4,831,697	kW	7.15	34,547	7.36	35,557
82		1,901,349	MWh				
83	Subtransmission	530,882	kW	1.84	977	2.01	1,067
84		222,178	MWh				
85	Transmission	2,202,596	kW	0.98	2,159	1.11	2,454
86		959,776	MWh				
87	Substation Credit						
88	Demand	1,600,169	kW	(0.30)	(480)	(0.30)	(480)
89	Energy	48,361	MWh	(0.0004)	(19)	(0.0004)	(19)
90	Distribution System	3,083,303	MWh	1.22¢	37,737	1.27¢	39,133
91							
92	IRM - PV	4,831,697	kW	0.2743	1,325	0.2743	1,325
93	IRM - SV	530,882	kW	0.1018	54	0.1018	54
94	IRM - TV	2,202,596	kW	0	0	0	0
95	Nuclear Decommissioning	3,083,303	MWh	0.000890	2,744	0.000890	2,744
96	Energy Waste Reduction	654	Meters	1,874.49	14,719	1,874.49	14,719
97	LIEAF	654	Meters	1.50	12	1.50	12
98	Distribution Surcharges	3,083,303	MWh	0.61¢	18,854	0.61¢	18,854
99							
100	**Total Choice D11**	3,083,303	MWh	**1.84¢**	**56,592**	**1.88¢**	**57,988**
101							
102	**Total D11**	15,251,962	MWh	**7.03¢**	**1,072,736**	**7.24¢**	**1,103,953**
103	Increase/Decrease ($)						31,218

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Primary Educational Institution - D6.2
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity						
1	Power Supply Demand	969,668	kW	10.34	10,026	10.30	9,987
2							
3	Voltage Level Adjustment						
4	Subtransmission	197,181	kW	(0.21)	(41)	(0.21)	(41)
5	Transmission	0	kW	(0.44)	0	(0.43)	0
6							
7	Energy						
8	On-Peak	103,855	MWh		0		0
9	Off-Peak	258,439	MWh		0		0
10	Total Energy	362,293	MWh	0.00000		0.00000	0
11							
12	Voltage Level Discount						
13	Subtransmission	24,967	MWh	0.00000	0	0.00000	0
14	Transmission	0	MWh	0.00000	0	0.00000	0
15	Total Capacity	362,293	MWh		9,985		9,946
16							
17	**Non-Capacity**						
18	Power Supply Demand	969,668	kW	3.99	3,869	3.85	3,731
19	Voltage Level Adjustment						
20	Subtransmission	197,181	kW	(0.08)	(16)	(0.08)	(15)
21	Transmission	0	kW	(0.17)	0	(0.16)	0
22							
23							
24	Energy						
25	On-Peak	103,855	MWh	0.04535	4,710	0.04480	4,653
26	Off-Peak	258,439	MWh	0.04235	10,945	0.04180	10,802
27	Voltage Level Discount						
28	Subtransmission	24,967	MWh	(0.00076)	(19)	(0.00076)	(19)
29	Transmission	0	MWh	(0.00170)	0	(0.00168)	0
30	Power Supply Subtotal	362,293	MWh		29,474		29,098
31							
32	PSCR	362,293	MWh	0.00000	0	0.00000	0
33	REPS	102	Cust.	0.0	0	0.0	0
34	Total Full Service Power Supply	362,293	MWh	**8.14¢**	**29,474**	**8.03¢**	**29,098**
35							
36	**Full Service Distribution**	Quantity	Units				
37							
38	Service Charge - PV	100	Cust.	70	84	70	84
39	Service Charge - SV	2	Cust.	375	9	375	9
40	Service Charge - TV	0	Cust.	375	0	375	0
41	Distribution Charges						
42	Primary	983,063	kW	7.15	7,029	7.36	7,234
43		337,327	MWh				
44	Subtransmission	270,127	kW	1.84	497	2.01	543
45		24,967	MWh				
46	Transmission	0	kW	0.98	0	1.11	0
47		0	MWh				
48	Substation Credit						
49	Demand	8,230	kW	(0.30)	(2)	(0.30)	(2)
50	Energy	3	MWh	(0.0004)	(0)	(0.0004)	(0)
51	Distribution System	362,293	MWh	2.10¢	7,617	2.17¢	7,868
52							
53	IRM - PV	983,063	kW	0.2743	270	0.2743	270
54	IRM - SV	270,127	kW	0.1018	27	0.1018	27
55	IRM - TV	0	kW	0	0	0	0
56	Nuclear Decommissioning	362,293	MWh	0.000890	322	0.000890	322
57	Energy Waste Reduction	117	Meters	1,874.49	2,630	1,874.49	2,630
58	LIEAF	117	Meters	1.50	2	1.50	2
59	Distribution Surcharges	362,293	MWh	0.90¢	3,252	0.90¢	3,252
60							
61	Total Full Service Distribution	362,293	MWh	**3.00¢**	**10,868**	**3.07¢**	**11,120**
62	**Total Full Service D6.2**	362,293	MWh	**11.14¢**	**40,342**	**11.10¢**	**40,218**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Primary Educational Institute - D6.2 (Cont'd)
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line	(a)	(b)		(c)	(d)	(e)	(f)
No.	**Description**	**Billing Determinants**		**Present**		**Proposed**	
63	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
64	**Capacity**				($000)		($000)
65	Power Supply Demand		kW	10.34	0	10.30	0
66							
67	Energy						
68	On-Peak		MWh		0		0
69	Off-Peak		MWh		0		0
70	Total Energy		MWh	0.00000		0.00000	0
71							
72	Voltage Level Discount						
73	Subtransmission		MWh			0.00000	0
74	Transmission		MWh			0.00000	0
75							
76	Voltage Level Adjustment						
77	Subtransmission		kW	(0.21)	0	(0.21)	0
78	Transmission		kW	(0.44)	0	(0.43)	0
79	Total Capacity						0
80							
81	Service Charge - PV	153	Cust.	70	129	70	129
82	Service Charge - SV	0	Cust.	375	0	375	0
83	Service Charge - TV	0	Cust.	375	0	375	0
84	Distribution Charges						
85	Primary	1,414,275	kW	7.15	10,112	7.36	10,408
86		402,947	MWh				
87	Subtransmission	0	kW	1.84	0	2.01	0
88		0	MWh				
89	Transmission	0	kW	0.98	0	1.11	0
90		0	MWh				
91	Substation Credit						
92	Demand	0	kW	(0.30)	0	(0.30)	0
93	Energy	0	MWh	(0.0004)	0	(0.0004)	0
94	Distribution System	402,947	MWh	2.54¢	10,241	2.61¢	10,536
95							
96	IRM - PV	1,414,275	kW	0.2743	388	0.2743	388
97	IRM - SV	0	kW	0.1018	0	0.1018	0
98	IRM - TV	0	kW	0	0	0	0
99	Nuclear Decommissioning	402,947	MWh	0.000890	359	0.000890	359
100	Energy Waste Reduction	156	Meters	1,874.49	3,509	1,874.49	3,509
101	LIEAF	156	Meters	1.50	3	1.50	3
102	Distribution Surcharges	402,947	MWh	1.06¢	4,258	1.06¢	4,258
103							
104	**Total Choice D6.2**	402,947	MWh	**3.60¢**	**14,499**	**3.67¢**	**14,795**
105							
106	**Total D6.2**	765,240	MWh	**7.17¢**	**54,841**	**7.19¢**	**55,012**
107	Increase/Decrease ($)						171

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Supply Rate - D8
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity						
1	Power Supply Demand	971,729	kW	4.33	4,208	4.93	4,793
2	Voltage Level Adjustment						
3	Subtransmission	78,384	kW	(0.09)	(7)	(0.10)	(8)
4	Transmission	218,534	kW	(0.18)	(39)	(0.21)	(45)
5							
6	Product Protection Demand	186,651	kW	9.23	1,723	10.27	1,917
7	Voltage Level Adjustment						
8	Subtransmission	19,092	kW	(0.19)	(4)	(0.21)	(4)
9	Transmission	114,483	kW	(0.39)	(45)	(0.43)	(50)
10							
11	Energy						
12	On-Peak	147,138	MWh		0		0
13	Off-Peak	404,849	MWh		0		0
14	Total Energy	551,988	MWh			0.00000	0
15							
16	Voltage Level Discount						
17	Subtransmission	48,151	MWh	0.00000	0	0.00000	0
18	Transmission	186,786	MWh	0.00000	0	0.00000	0
19	Total Capacity	551,988	MWh		5,836		6,603
20							
21	**Non-Capacity**						
22	Power Supply Demand	971,729	kW	6.17	5,996	5.68	5,519
23	Voltage Level Adjustment						
24	Subtransmission	78,384	kW	(0.13)	(10)	(0.12)	(9)
25	Transmission	218,534	kW	(0.26)	(57)	(0.24)	(52)
26							
27	Product Protection Demand	186,651	kW	7.86	1,467	7.34	1,370
28	Voltage Level Discount						
29	Subtransmission	19,092	kW	(0.16)	(3)	(0.15)	(3)
30	Transmission	114,483	kW	(0.33)	(38)	(0.31)	(35)
31							
32	Energy						
33	On-Peak	147,138	MWh	0.04300	6,327	0.04409	6,487
34	Off-Peak	404,849	MWh	0.03300	13,360	0.03409	13,801
35	Voltage Level Discount						
36	Subtransmission	48,151	MWh	(0.00063)	(30)	(0.00065)	(31)
37	Transmission	186,786	MWh	(0.00140)	(262)	(0.00144)	(270)
38	Power Supply Subtotal	551,988	MWh		32,586		33,379
39							
40	PSCR	551,988	MWh	0.00000	0	0.00000	0
41	REPS	124	Cust.	0.00	0	0.00	0
42	Total Full Service Power Supply	551,988	MWh	**5.90¢**	**32,586**	**6.05¢**	**33,379**
43							
44	**Full Service Distribution**	Quantity	Units				
45							
46	Service Charge - PV	118	Cust.	70	99	70	99
47	Service Charge - SV	4	Cust.	375	18	375	18
48	Service Charge - TV	2	Cust.	375	9	375	9
49	Distribution Charges						
50	Primary	861,842	kW	7.15	6,162	7.36	6,342
51		317,051	MWh				
52	Subtransmission	114,362	kW	1.84	210	2.01	230
53		48,151	MWh				
54	Transmission	393,139	kW	0.98	385	1.11	438
55		186,786	MWh				
56	Substation Credit						
57	Demand	388,718	kW	(0.30)	(117)	(0.30)	(117)
58	Energy	0	MWh	(0.0004)	0	(0.0004)	0
59	Distribution System	551,988	MWh	1.23¢	6,767	1.27¢	7,020
60							
61	IRM - PV	861,842	kW	0.2743	236	0.2743	236
62	IRM - SV	114,362	kW	0.1018	12	0.1018	12
63	IRM - TV	393,139	kW	0	0	0	0
64	Nuclear Decommissioning	551,988	MWh	0.000890	491	0.000890	491
65	Energy Waste Reduction	138	Meters	1,874.49	3,115	1,874.49	3,115
66	LIEAF	138	Meters	1.50	2	1.50	2
67	Distribution Surcharges	551,988		0.70¢	3,857	0.70¢	3,857
68							
69	Total Full Service Distribution	551,988	MWh	**1.92¢**	**10,624**	**1.97¢**	**10,877**
70	**Total Full Service D8**	551,988	MWh	**7.83¢**	**43,210**	**8.02¢**	**44,255**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Supply Rate - D8 (Cont'd)
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Revenue ($000)	(e) Proposed Rate	(f) Revenue ($000)
71	**Choice Distribution**						
72	**Capacity**						
73	Power Supply Demand	0	kW	4.33	0	4.93	0
74	Voltage Level Discount						
75	Subtransmission	0	kW	(0.09)	0	(0.10)	0
76	Transmission	0	kW	(0.18)	0	(0.21)	0
77							
78	Product Protection Demand	0	kW	9.23	0	10.27	0
79	Voltage Level Discount						
80	Subtransmission	0	kW	(0.19)	0	(0.21)	0
81	Transmission	0	kW	(0.39)	0	(0.43)	0
82							
83	Energy						
84	On-Peak	0	MWh		0		0
85	Off-Peak	0	MWh		0		0
86	Total Energy	0	MWh			0.00000	0
87							
88	Voltage Level Discount						
89	Subtransmission	0	MWh	0.00000	0	0.00000	0
90	Transmission	0	MWh	0.00000	0	0.00000	0
91	Total Capacity	0	MWh				0
92							
93	Service Charge - PV	7	Cust.	70	6	70	6
94	Service Charge - SV	2	Cust.	375	9	375	9
95	Service Charge - TV	0	Cust.	375	0	375	0
96	Distribution Charges						
97	Primary	201,076	kW	7.15	1,438	7.36	1,480
98		90,285	MWh				
99	Subtransmission	65,909	kW	1.84	121	2.01	133
100		22,487	MWh				
101	Transmission	0	kW	0.98	0	1.11	0
102		0	MWh				
103	Substation Credit						
104	Demand	0	kW	(0.30)	0	(0.30)	0
105	Energy	0	MWh	(0.0004)	0	(0.0004)	0
106	Distribution System	112,772	MWh	1.40¢	1,574	1.44¢	1,627
107							
108	IRM - PV	201,076	kW	0.2743	55	0.2743	55
109	IRM - SV	65,909	kW	0.1018	7	0.1018	7
110	IRM - TV	0	kW	0.000000	0	0.000000	0
111	Nuclear Decommissioning	112,772	MWh	0.000890	100	0.000890	100
112	Energy Waste Reduction	13	Meters	1,874.49	292	1,874.49	292
113	LIEAF	13	Meters	1.50	0	1.50	0
114	Distribution Surcharges	112,772	MWh	0.40¢	455	0.40¢	455
115							
116	**Total Choice D8**	112,772	MWh	**1.80¢**	**2,029**	**1.85¢**	**2,082**
117							
118	**Total D8**	664,760	MWh	**6.81¢**	**45,239**	**6.97¢**	**46,337**
119	Increase/Decrease ($)						1,099

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
All Electric School Building Rate - D10
Primary Voltage

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
	Capacity						
1	Energy						
2	Energy -- Winter	8,344	MWh	0.01508	126	0.01717	143
3	Energy -- Summer	3,816	MWh	0.03521	134	0.03730	142
4	Total Capacity	12,160	MWh		260		286
5							
6	**Non-Capacity**						
7	Energy	12,160	MWh	0.06105	742	0.06147	747
8	Power Supply Subtotal						
9							
10	PSCR	12,160	MWh	0.00000	0	0.00000	0
11	REPS	17	Cust.	0.00	0	0.00	0
12	Total Full Service Power Supply	12,160	MWh	**8.24¢**	**1,003**	**8.50¢**	**1,033**
13							
14	**Full Service Distribution**	Quantity	Units				
15							
16	Service Charge	17	Cust.	70	14	70	14
17							
18	Distribution Charges						
19	Primary	12,160	MWh	0.02149	261	0.02351	286
20	Distribution System	12,160	MWh	2.27¢	276	2.47¢	300
21							
22	IRM	12,160	MWh	0.000825	10	0.000825	10
23	Nuclear Decommissioning	12,160	MWh	0.000890	11	0.000890	11
24	Energy Waste Reduction	17	Meters	1,874.49	382	1,874.49	382
25	LIEAF	17	Meters	1.50	0	1.50	0
26	Distribution Surcharges	12,160	MWh	3.32¢	404	3.32¢	404
27							
28	Total Full Service Distribution	12,160	MWh	**5.59¢**	**679**	**5.79¢**	**704**
29	**Total Full Service D10**	12,160	MWh	**13.83¢**	**1,682**	**14.28¢**	**1,737**
30							
31	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
32	**Capacity**				($000)		($000)
33	Energy						
34	Energy -- Winter	0	MWh	0.01508	0	0.01717	0
35	Energy -- Summer	0	MWh	0.03521	0	0.03730	0
36	Total Capacity	0	MWh				0
37							
38	Service Charge	12	Cust.	70	10	70	10
39							
40	Distribution Charges						
41	Primary	11,878	MWh	0.02149	255	0.02351	279
42	Distribution System	11,878	MWh	2.23¢	265	2.44¢	289
43							
44	IRM	11,878	MWh	0.000825	10	0.000825	10
45	Nuclear Decommissioning	11,878	MWh	0.000890	11	0.000890	11
46	Energy Waste Reduction	12	Meters	1,874.49	270	1,874.49	270
47	LIEAF	12	Meters	1.50	0	1.50	0
48	Distribution Surcharges	11,878	MWh	2.45¢	291	2.45¢	291
49							
50	**Total Choice D10**	11,878	MWh	**4.68¢**	**556**	**4.88¢**	**580**
51							
52	**Total D10**	24,038	MWh	**9.31¢**	**2,238**	**9.64¢**	**2,317**
53	Increase/Decrease ($)						79

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
EXPERIMENTAL LARGE CUSTOMER LOW
PEAK DEMAND SUPPLY RATE - D12
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity						
1	Power Supply Demand (October through May)	0	kW	0.32	0	0.33	0
2	Power Supply Demand (June through September)	0	kW	8.09	0	8.34	0
3							
4	Voltage Level Discount - Transmission						
5	CVLD (October through May)	0	kW	(0.005)	0	(0.005)	0
6	CVLD (June through September)	0	kW	(0.14)	0	(0.14)	0
7							
8	Total Capacity				0		0
9							
10	**Non-Capacity**						
11	Power Supply Demand (October through May)	0	kW	0.32	0	0.33	0
12	Power Supply Demand (June through September)	0	kW	41.63	0	42.90	0
13							
14	Voltage Level Discount - Transmission						
15	NCVLD (October through May)	0	kW	(0.005)	0	(0.005)	0
16	NCVLD (June through September)	0	kW	(0.70)	0	(0.72)	0
17							
18	Energy						
19	On-Peak	0	MWh	0.04159	0	0.04285	0
20	Off-Peak	0	MWh	0.03653	0	0.03764	0
21							
22	Voltage Level Discount - Transmission	0	MWh	(0.00056)	0	(0.00058)	0
23							
24	Power Supply Subtotal	0	MWh		0		0
25							
26	PSCR	0	MWh	0.00000	0	0.00000	0
27	REPS	0	Cust.	0.0	0	0.0	0
28	Total Full Service Power Supply	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**
29							
30	**Full Service Distribution**	Quantity	Units				
31							
32	Service Charge - SV	0	Cust.	375	0	375	0
33	Service Charge - TV	0	Cust.	375	0	375	0
34	Distribution Charges						
35	Subtransmission	0	kW	1.84	0	2.01	0
36		0	MWh				
37	Transmission	0	kW	0.98	0	1.11	0
38		0	MWh				
39	Substation Credit						
40	Demand	0	kW	(0.30)	0	(0.30)	0
41	Energy	0	MWh	(0.0004)	0	(0.0004)	0
42	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
43							
44	IRM - SV	0	kW	0.1018	0	0.1018	0
45	IRM - TV	0	kW	0.000000	0	0.000000	0
46	Nuclear Decommissioning	0	MWh	0.000890	0	0.000890	0
47	Energy Waste Reduction	0	Meters	1,874.49	0	1,874.49	0
48	LIEAF	0	Meters	1.50	0	1.50	0
49	Distribution Surcharges	0	MWh	#DIV/0!	0	#DIV/0!	0
50							
51	Total Full Service Distribution	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**
52	**Total Full Service D12**	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
XL High Load Factor Rate - D13
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue ($000)	Rate	Revenue ($000)
1	Capacity	0	MWh	0.01514	0	0.01514	0
2	Non-Capacity	0	MWh	0.03087	0	0.02973	0
3	Transmission	0	MWh	0.00308	0	0.00308	0
4	Power Supply Subtotal	0	MWh		0		0
5							
6	REPS	0	Cust.	0.00	0	0.00	0
7	Total Full Service Power Supply	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**
8							
9	**Full Service Distribution**	Quantity	Units				
10							
11	Service Charge - PV	0	Cust.	70	0	70	0
12	Service Charge - SV	0	Cust.	375	0	375	0
13	Service Charge - TV	0	Cust.	375	0	375	0
14							
15	Distribution Charges						
16	Primary	0	MWH	0.01088	0	0.01120	0
17	Sub-transmission	0	MWH	0.00281	0	0.00306	0
18	Transmission	0	MWH	0.00149	0	0.00170	0
19							
20	Administration Charge	0	MWH	0.00015	0	0.00015	0
21							
22	Substation Credit						
23	Primary Side		MWH	(0.00040)	0	(0.00040)	0
24	Customer Owned		MWH	(0.00055)	0	(0.00055)	0
25							
26	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
27							
28	IRM - PV	0	MWh	0.000501	0	0.000501	0
29	IRM - SV	0	MWh	0.000186	0	0.000186	0
30	IRM - TV	0	MWh	0.000000	0	0.000000	0
31	Energy Waste Reduction	0	Meters	1,874.49	0	1,874.49	0
32	LIEAF	0	Meters	1.50	0	1.50	0
33	Distribution Surcharges	0	MWh	#DIV/0!	0	#DIV/0!	0
34							
35	Total Full Service Distribution	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**
36	**Total Full Service D13**	0	MWh	**#DIV/0!**	**0**	**#DIV/0!**	**0**
37	Increase/Decrease ($)						-

Michigan Public Service Commission
DTE Electric Company
Staff Optional TOU Primary Supply Rate - D14
Designed Revenue Neutral to D11
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Proposed D11 Rate	(d) Proposed D11 Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
	Capacity						
1	June - September						
2	On Peak (1pm - 6pm M-F, excl holidays)	660,381	MWh			0.03205	21,166
3	Off Peak	3,781,466	MWh			0.01841	69,616
4	October - May						
5	On Peak (1pm - 6pm M-F, excl holidays)	1,179,968	MWh			0.01973	23,285
6	Off Peak	6,546,844	MWh			0.01841	120,527
7	Voltage Level Discount						
8	Subtransmission	1,570,634	MWh			(0.00034)	(536)
9	Transmission	4,308,334	MWh			(0.00076)	(3,272)
10	Total Capacity	12,168,659	MWh				
11							
12	**Non-Capacity**						
13	June - September						
14	On Peak (1pm - 6pm M-F, excl holidays)	660,381	MWh			0.08384	55,365
15	Off Peak	3,781,466	MWh			0.04816	182,100
16	October - May						
17	On Peak (1pm - 6pm M-F, excl holidays)	1,179,968	MWh			0.05162	60,907
18	Off Peak	6,546,844	MWh			0.04816	315,269
19	Voltage Level Discount						
20	Subtransmission	1,570,634	MWh			(0.00089)	(1,402)
21	Transmission	4,308,334	MWh			(0.00199)	(8,560)
22	Power Supply Subtotal	12,168,659	MWh		0		834,463
23							
24	PSCR	12,168,659	MWh	0.00000	0	0.00000	0
25	REPS	2,066	Cust.	0.0	0	0.0	0
26	Total Full Service Power Supply	12,168,659	MWh	**6.86¢**	**834,463**	**6.86¢**	**834,463**
27							
28	**Full Service Distribution**	Quantity	Units				
29							
30	Service Charge - PV	1,936	Cust.	70	1,626	70	1,626
31	Service Charge - SV	68	Cust.	375	304	375	304
32	Service Charge - TV	63	Cust.	375	283	375	283
33	Distribution Charges						
34	Primary	16,661,594	kW	7.36	122,614	7.36	122,614
35		6,289,691	MWh				
36	Subtransmission	3,859,393	kW	2.01	7,759	2.01	7,759
37		1,570,634	MWh				
38	Transmission	7,835,819	kW	1.11	8,730	1.11	8,730
39		4,308,334	MWh				
40	Substation Credit						
41	Demand	2,661,884	kW	(0.30)	(799)	(0.30)	(799)
42	Energy	178,642	MWh	(0.0004)	(71)	(0.0004)	(71)
43	Distribution System	12,168,659	MWh	1.15¢	140,447	1.15¢	140,447
44							
45	IRM - PV	16,661,594	kW	0.2743	4,570	0.2743	4,570
46	IRM - SV	3,859,393	kW	0.1018	393	0.1018	393
47	IRM - TV	7,835,819	kW	0	0	0.0000	0
48	Nuclear Decommissioning	12,168,659	MWh	0.000890	10,830	0.000890	10,830
49	Energy Waste Reduction	2,455	Meters	1,874.49	55,219	1,874.49	55,219
50	LIEAF	2,455	Meters	1.50	44	1.50	44
51	Distribution Surcharges	12,168,659	MWh	0.58¢	71,056	0.58¢	71,056
52							
53	Total Full Service Distribution	12,168,659	MWh	**1.74¢**	**211,503**	**1.74¢**	**211,503**
54	**Total Full Service D14**	12,168,659	MWh	**8.60¢**	**1,045,966**	**8.60¢**	**1,045,966**

Michigan Public Service Commission
DTE Electric Company
Staff Optional TOU Primary Supply Rate - D14 Cont'd
Designed Revenue Neutral to D11
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Proposed D11 Rate	(d) Revenue ($000)	(e) Revenue Neutral Design Rate	(f) Revenue ($000)
55	**Choice Distribution**						
56	**Capacity**						
57	June - September						
58	On Peak (1pm - 6pm M-F, excl holidays)	0	MWh			0.03205	0
59	Off Peak	0	MWh			0.01841	0
60	October - May						0
61	On Peak (1pm - 6pm M-F, excl holidays)	0	MWh			0.01973	0
62	Off Peak	0	MWh			0.01841	0
63	Voltage Level Discount						0
64	Subtransmission	0	MWh			(0.00034)	0
65	Transmission	0	MWh			(0.00076)	0
66	Total Capacity	0	MWh		0		0
67							
68	Service Charge - PV	553	Cust.	70	464	70	464
69	Service Charge - SV	12	Cust.	375	54	375	54
70	Service Charge - TV	8	Cust.	375	36	375	36
71	Distribution Charges						
72	Primary	4,831,697	kW	7.36	35,557	7.36	35,557
73		1,901,349	MWh				
74	Subtransmission	530,882	kW	2.01	1,067	2.01	1,067
75		222,178	MWh				
76	Transmission	2,202,596	kW	1.11	2,454	1.11	2,454
77		959,776	MWh				
78	Substation Credit						
79	Demand	1,600,169	kW	(0.30)	(480)	(0.30)	(480)
80	Energy	48,361	MWh	(0.0004)	(19)	(0.0004)	(19)
81	Distribution System	3,083,303	MWh	1.27¢	39,133	1.27¢	39,133
82							
83	IRM - PV	4,831,697	kW	0.2743	1,325	0.2743	1,325
84	IRM - SV	530,882	kW	0.1018	54	0.1018	54
85	IRM - TV	2,202,596	kW	0	0	0	0
86	Nuclear Decommissioning	3,083,303	MWh	0.000890	2,744	0.000890	2,744
87	Energy Waste Reduction	654	Meters	1,874.49	14,719	1,874.49	14,719
88	LIEAF	654	Meters	1.50	12	1.50	12
89	Distribution Surcharges	3,083,303	MWh	0.61¢	18,854	0.61¢	18,854
90							
91	**Total Choice D14**	3,083,303	MWh	**1.88¢**	**57,988**	**1.88¢**	**57,988**
92							
93	**Total D14**	15,251,962	MWh	**7.24¢**	**1,103,953**	**7.24¢**	**1,103,953**
94	Increase/Decrease ($)						-

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Alternative Metal Melting Rider - R1.1

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
Page: 38 of 57

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
	Capacity				($000)		($000)
1	Energy						
2	Secondary						
3	First 100 Hours Use	1,898	MWh	0.01900	36	0.01942	37
4	Excess Hours Use	552	MWh	0.00719	4	0.00735	4
5	Primary						
6	First 100 Hours Use	5,033	MWh	0.01413	71	0.01444	73
7	Excess Hours Use	150	MWh	0.00514	1	0.00525	1
8	Subtransmission						
9	First 100 Hours Use	14,066	MWh	0.01378	194	0.01408	198
10	Excess Hours Use	26,134	MWh	0.00479	125	0.00490	128
11	Transmission						
12	First 100 Hours Use	29,222	MWh	0.01168	341	0.01194	349
13	Excess Hours Use	13,023	MWh	0.00388	51	0.00397	52
14	Total Capacity	90,078	MWh		823		841
15							
16	**Non-Capacity**						
17	Energy	90,078	MWh	0.04902	4,416	0.04825	4,347
18	Power Supply Subtotal				5,238		5,187
19							
20	PSCR	90,078	MWh	0.00000	0	0.00000	0
21	REPS	17	Cust.	0.00	0	0.00	0
22	Total Full Service Power Supply	90,078	MWh	**5.82¢**	**5,238**	**5.76¢**	**5,187**
23							
24	**Full Service Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
25					($000)		($000)
26	Distribution Charges						
27	Secondary						
28	First 100 Hours Use	1,898	MWh	0.06670	127	0.06792	129
29	Excess Hours Use	552	MWh	0.06670	37	0.06792	38
30	Primary						
31	First 100 Hours Use	5,033	MWh	0.02191	110	0.02323	117
32	Excess Hours Use	150	MWh	0.02191	3	0.02323	3
33	Subtransmission						
34	First 100 Hours Use	14,066	MWh	0.00530	75	0.00652	92
35	Excess Hours Use	26,134	MWh	0.00530	139	0.00652	170
36	Transmission						
37	First 100 Hours Use	29,222	MWh	0.00641	187	0.00781	228
38	Excess Hours Use	13,023	MWh	0.00641	83	0.00781	102
39							
40	Substation Credit						
41	Energy	3,645	MWh	(0.00300)	(11)	(0.00300)	(11)
42	Distribution System	90,078	MWh	0.83¢	750	0.96¢	868
43							
44	IRM - DV	2,450	MWh	0.002435	6	0.002435	6
45	IRM - PV	5,183	MWh	0.000829	4	0.000829	4
46	IRM - SV	40,200	MWh	0.000280	11	0.000280	11
47	IRM - TV	42,245	MWh	0	0	0	0
48	Nuclear Decommissioning	90,078	MWh	0.000890	80	0.000890	80
49	Energy Waste Reduction	25	Meters	1,874.49	555	1,874.49	555
50	LIEAF	25	Meters	1.50	0	1.50	0
51	Distribution Surcharges	90,078	MWh	0.73¢	657	0.73¢	657
52							
53	Total Full Service Distribution	90,078	MWh	**1.56¢**	**1,407**	**1.69¢**	**1,525**
54	**Total Full Service R1.1**	90,078	MWh	**7.38¢**	**6,646**	**7.45¢**	**6,713**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Alternative Metal Melting Rider - R1.1 (Cont'd)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line	(a)	(b)		(c)	(d)	(e)	(f)
No.	**Description**	**Billing Determinants**		**Present**		**Proposed**	
55	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
56	**Capacity**				($000)		($000)
57	Energy						
58	Secondary						
59	First 100 Hours Use	0	MWh	0.01900	0	0.01942	0
60	Excess Hours Use	0	MWh	0.00719	0	0.00735	0
61	Primary						
62	First 100 Hours Use	0	MWh	0.01413	0	0.01444	0
63	Excess Hours Use	0	MWh	0.00514	0	0.00525	0
64	Subtransmission						
65	First 100 Hours Use	0	MWh	0.01378	0	0.01408	0
66	Excess Hours Use	0	MWh	0.00479	0	0.00490	0
67	Transmission						
68	First 100 Hours Use	0	MWh	0.01168	0	0.01194	0
69	Excess Hours Use	0	MWh	0.00388	0	0.00397	0
70	Total Capacity	0	MWh				0
71							
72	Distribution Charges						
73	Secondary						
74	First 100 Hours Use	0	MWh	0.06670	0	0.06792	0
75	Excess Hours Use	0	MWh	0.06670	0	0.06792	0
76	Primary						
77	First 100 Hours Use	0	MWh	0.02191	0	0.02323	0
78	Excess Hours Use	0	MWh	0.02191	0	0.02323	0
79	Subtransmission						
80	First 100 Hours Use	0	MWh	0.00530	0	0.00652	0
81	Excess Hours Use	0	MWh	0.00530	0	0.00652	0
82	Transmission						
83	First 100 Hours Use	0	MWh	0.00641	0	0.00781	0
84	Excess Hours Use	0	MWh	0.00641	0	0.00781	0
85							
86	Substation Credit						
87	Energy	0	MWh	(0.00300)	0	(0.00300)	0
88	Distribution System	0	MWh		0		0
89							
90	IRM - DV	0	MWh	0.002435	0	0.002435	0
91	IRM - PV	0	MWh	0.000829	0	0.000829	0
92	IRM - SV	0	MWh	0.000280	0	0.000280	0
93	IRM - TV	0	MWh	0	0	0	0
94	Nuclear Decommissioning	0	MWh	0.000890	0	0.000890	0
95	Energy Optimization	0	Meters	1,874.49	0	1,874.49	0
96	LIEAF	0	Meters	1.50	0	1.50	0
97	Distribution Surcharges	0	MWh		0		0
98							
99	**Total Choice R1.1**	0	MWh		**0**		**0**
100							
101	**Total R1.1**	90,078	MWh	**7.38¢**	**6,646**	**7.45¢**	**6,713**
102	Increase/Decrease ($)						67

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Electric Process Heat Rider - R1.2

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
	Capacity						
1	Energy						
2	Secondary						
3	First 100 Hours Use	10,305	MWh	0.01900	196	0.01942	200
4	Excess Hours Use	17,876	MWh	0.00719	129	0.00735	131
5	Primary						
6	First 100 Hours Use	77,758	MWh	0.01413	1,099	0.01444	1,123
7	Excess Hours Use	176,424	MWh	0.00514	907	0.00525	927
8	Subtransmission						
9	First 100 Hours Use	6,531	MWh	0.01378	90	0.01408	92
10	Excess Hours Use	19,544	MWh	0.00479	94	0.00490	96
11	Transmission						
12	First 100 Hours Use	0	MWh	0.01168	0	0.01194	0
13	Excess Hours Use	0	MWh	0.00388	0	0.00397	0
14	Total Capacity	308,437	MWh		2,513		2,569
15							
16	**Non-Capacity**						
17	Energy	308,437	MWh	0.04902	15,120	0.04825	14,883
18	Power Supply Subtotal	308,437			17,633		17,452
19							
20	PSCR	308,437	MWh	0.00000	0	0.00000	0
21	REPS	138	Cust.	0.00	0	0.00	0
22	Total Full Service Power Supply	308,437	MWh	**5.72¢**	**17,633**	**5.66¢**	**17,452**
23							
24	**Full Service Distribution**	Quantity	Units				
25							
26	Distribution Charges						
27	Secondary						
28	First 100 Hours Use	10,305	MWh	0.06670	687	0.06792	700
29	Excess Hours Use	17,876	MWh	0.06670	1,192	0.06792	1,214
30	Primary						
31	First 100 Hours Use	77,758	MWh	0.02191	1,704	0.02323	1,806
32	Excess Hours Use	176,424	MWh	0.02191	3,865	0.02323	4,098
33	Subtransmission						
34	First 100 Hours Use	6,531	MWh	0.00530	35	0.00652	43
35	Excess Hours Use	19,544	MWh	0.00530	104	0.00652	127
36	Transmission						
37	First 100 Hours Use	0	MWh	0.00641	0	0.00781	0
38	Excess Hours Use	0	MWh	0.00641	0	0.00781	0
39							
40	Substation Credit						
41	Energy	0	MWh	(0.00300)	0	(0.00300)	0
42	Distribution System	308,437	MWh	2.46¢	7,587	2.59¢	7,988
43							
44	IRM - DV	28,180	MWh	0.002435	69	0.002435	69
45	IRM - PV	254,182	MWh	0.000829	211	0.000829	211
46	IRM - SV	26,074	MWh	0.000280	7	0.000280	7
47	IRM - TV	0	MWh	0	0	0	0
48	Nuclear Decommissioning	308,437	MWh	0.000890	275	0.000890	275
49	Energy Waste Reduction	171	Meters	1,874.49	3,850	1,874.49	3,850
50	LIEAF	171	Meters	1.50	3	1.50	3
51	Distribution Surcharges	308,437	MWh	1.43¢	4,414	1.43¢	4,414
52							
53	Total Full Service Distribution	308,437	MWh	**3.89¢**	**12,001**	**4.02¢**	**12,403**
54	**Total Full Service R1.2**	308,437	MWh	**9.61¢**	**29,634**	**9.68¢**	**29,854**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Electric Process Heat Rider - R1.2 (Cont'd)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Choice Distribution						
55	**Capacity**						
56	Energy						
57	Secondary						
58	First 100 Hours Use	0	MWh	0.01900	0	0.01942	0
59	Excess Hours Use	0	MWh	0.00719	0	0.00735	0
60	Primary						
61	First 100 Hours Use	0	MWh	0.01413	0	0.01444	0
62	Excess Hours Use	0	MWh	0.00514	0	0.00525	0
63	Subtransmission						
64	First 100 Hours Use	0	MWh	0.01378	0	0.01408	0
65	Excess Hours Use	0	MWh	0.00479	0	0.00490	0
66	Transmission						
67	First 100 Hours Use	0	MWh	0.01168	0	0.01194	0
68	Excess Hours Use	0	MWh	0.00388	0	0.00397	0
69	Total Capacity	0	MWh				0
70							
71	Distribution Charges						
72	Secondary						
73	First 100 Hours Use	0	MWh	0.06670	0	0.06792	0
74	Excess Hours Use	0	MWh	0.06670	0	0.06792	0
75	Primary						
76	First 100 Hours Use	5,191	MWh	0.02191	114	0.02323	121
77	Excess Hours Use	18,007	MWh	0.02191	395	0.02323	418
78	Subtransmission						
79	First 100 Hours Use	0	MWh	0.00530	0	0.00652	0
80	Excess Hours Use	0	MWh	0.00530	0	0.00652	0
81	Transmission						
82	First 100 Hours Use	0	MWh	0.00641	0	0.00781	0
83	Excess Hours Use	0	MWh	0.00641	0	0.00781	0
84							
85	Substation Credit						
86	Energy			(0.00300)	0	(0.00300)	0
87	Distribution System	23,198	MWh	2.19¢	508	2.32¢	539
88							
89	IRM - DV	0	MWh	0.002435	0	0.002435	0
90	IRM - PV	23,198	MWh	0.000829	19	0.000829	19
91	IRM - SV	0	MWh	0.000280	0	0.000280	0
92	IRM - TV	0	MWh	0	0	0	0
93	Nuclear Decommissioning	23,198	MWh	0.000890	21	0.000890	21
94	Energy Waste Reduction	5	Meters	1,874.49	112	1,874.49	112
95	LIEAF	5	Meters	1.50	0	1.50	0
96	Distribution Surcharges	23,198	MWh	0.66¢	152	0.66¢	152
97							
98	**Total Choice Distribution R1.2**	23,198	MWh	**2.85¢**	**661**	**2.98¢**	**691**
99							
100	**Total R1.2**	331,634	MWh	**9.14¢**	**30,295**	**9.21¢**	**30,546**
101	Increase/Decrease ($)						251

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Parallel Operation And Standby Service Rider - R3
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher

Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
	Full Service Power Supply						
1	**Station Power**						
2	**Capacity**						
3	Administrative Charge	7,249	MWh	0.00000	0	0.00000	0
4	Station Power Capacity	7,249	MWh		0		0
5							
6	**Non-Capacity**						
7	MISO Energy Charge	7,249	MWh	0.03748	272	0.03748	272
8	Net Trans MISO MKT	7,249	MWh	0.00767	56	0.00768	56
9	Administrative Charge	7,249	MWh	0.00000	0	0.00000	0
10	Station Power PS Subtotal	7,249	MWh		327		327
11							
12	**Standard R3**						
13	**Capacity**						
14	Power Supply Demand						
15	Generation Reservation Fee	393,976	kW	0.33	130	0.37	146
16	Daily Demand	1,193,653	kW	0.92	1,098	1.03	1,226
17	Maintenance Demand	48,548	kW	0.46	22	0.51	25
18							
19							
20							
21							
22							
23	Energy						
24	Secondary	3,087	MWh	0.02603	80	0.02759	85
25	Primary Total	77,167	MWh	0.00000	0	0.00000	0
26							
27	Voltage Level Discount						
28	Subtransmission	24,241	MWh			0.00000	0
29	Transmission	40,496	MWh			0.00000	0
30							
31	Standard R3 Capacity	80,254	MWh		1,331		1,482
32							
33	**Non-Capacity**						
34	Power Supply Demand						
35	Generation Reservation Fee	393,976	kW	0.28	110	0.26	104
36	Daily Demand	1,193,653	kW	0.79	943	0.73	876
37	Maintenance Demand	48,548	kW	0.39	19	0.37	18
38							
39	Energy						
40	Secondary	3,087	MWh	0.05562	172	0.05525	171
41	Primary Total	77,167	MWh	0.04300	3,318	0.04409	3,402
42	Primary Off-Peak Discount	58,676	MWh	(0.010000)	(587)	(0.010000)	(587)
43							
44	Voltage Level Discount						
45	Subtransmission	24,241	MWh	(0.00063)	(15)	(0.00065)	(16)
46	Transmission	40,496	MWh	(0.00140)	(57)	(0.00144)	(58)
47	Standard R3 PS Subtotal	80,254			5,234		5,392
48							
49	PSCR	80,254	MWh	0.00000	0	0.00000	0
50	REPS	27	Cust.	0.00	0	0.00	0
51	Total Full Service Power Supply	87,504	MWh	**6.36¢**	**5,562**	**6.54¢**	**5,719**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Parallel Operation And Standby Service Rider - R3 (Cont'd)
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present	(d)	(e) Proposed	(f)
52	**Full Service Distribution**						
53	Service Charge						
54	Secondary	10	Cust.	70	8	70	8
55	Service Charge - PV	13	Cust.	70	11	70	11
56	Service Charge - SV	3	Cust.	375	14	375	14
57	Service Charge - TV	1	Cust.	375	5	375	5
58	Distribution Charges						
59	Secondary	8,322	kW	16.67	139	16.98	141
60		3,087	MWh	0.06670	206	0.06792	210
61	Primary	70,243	kW	7.15	502	7.36	517
62		12,430	MWh				
63	Subtransmission	531,770	kW	1.84	978	2.01	1,069
64		24,241	MWh				
65	Transmission	95,160	kW	0.98	93	1.11	106
66		40,496	MWh				
67	Substation Credit						
68	Demand	104,082	kW	(0.30)	(31)	(0.30)	(31)
69	Energy	11,110	MWh	(0.00040)	(4)	(0.00040)	(4)
70	Distribution System	80,254	MWh	2.39¢	1,921	2.55¢	2,045
71							
72	IRM - DV	3,087	MWh	0.002435	8	0.002435	8
73	IRM - PV	70,243	kW	0.2743	19	0.274300	19
74	IRM - SV	531,770	kW	0.1018	54	0.101800	54
75	IRM - TV	95,160	kW	0.0000	0	0.000000	0
76	Nuclear Decommissioning	80,254	MWh	0.000890	71	0.000890	71
77	Energy Waste Reduction	39	Meters	1,874.49	870	1,874.49	870
78	LIEAF	39	Meters	1.50	1	1.50	1
79	Distribution Surcharges	80,254	MWh	1.28¢	1,023	1.28¢	1,023
80							
81	Total Full Service Distribution	80,254	MWh	**3.67¢**	**2,944**	**3.82¢**	**3,068**
82	**Total Full Service R3**	87,504	MWh	**9.72¢**	**8,505**	**10.04¢**	**8,787**
83	Increase/Decrease ($)						282

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Supply Rider - R10
All Voltages

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
1	**Full Service Power Supply**						
2	**Capacity**						
3	Administrative Charge	835,171	MWh	0.00000	0	0.00000	0
4	Total Capacity	835,171	MWh				
5							
6	**Non-Capacity**						
7	Administrative Charge	835,171	MWh	0.00000	0	0.00000	0
8	MISO Energy Charge	835,171	MWh	0.03748	31,302	0.03748	31,302
9	Net Trans MISO MKT	835,171	MWh	0.00767	6,406	0.00768	6,411
10	Voltage Level Service Adder						
11	Primary	21,296	MWh	5.50%	53	5.50%	53
12	Subtransmission	30,771	MWh	3.73%	52	3.73%	52
13	Transmission	783,104	MWh	1.56%	552	1.56%	552
14	Power Supply Subtotal	835,171	MWh		38,364		38,370
15							
16	REPS	0	meters	0.00	0	0.00	0
17	Total Full Service Power Supply	835,171	MWh	**4.59¢**	**38,364**	**4.59¢**	**38,370**
18							
19	**Full Service Distribution**	Quantity	Units				
20							
21	Service Charge - PV	10	Cust.	70	8	70	8
22	Service Charge - SV	8	Cust.	375	36	375	36
23	Service Charge - TV	33	Cust.	375	149	375	149
24	Distribution Charges						
25	Primary	143,497	kW	7.15	1,026	7.36	1,056
26		21,296	MWh				
27	Subtransmission	123,993	kW	1.84	228	2.01	249
28		30,771	MWh				
29	Transmission	3,542,375	kW	0.98	3,472	1.11	3,947
30		783,104	MWh				
31	Substation Credit						
32	Demand	1,888,628	kW	(0.30)	(567)	(0.30)	(567)
33	Energy	350,203	MWh	(0.0004)	(140)	(0.0004)	(140)
34	Distribution System	835,171	MWh	0.50¢	4,212	0.57¢	4,738
35							
36	IRM - PV	143,497	kW	0.2743	39	0.2743	39
37	IRM - SV	123,993	kW	0.1018	13	0.1018	13
38	IRM - TV	3,542,375	kW	0	0	0	0
39	Nuclear Decommissioning	835,171	MWh	0.000890	743	0.000890	743
40	Energy Waste Reduction	0	Meters	1,874.49	0	1,874.49	0
41	LIEAF	0	Meters	1.50	0	1.50	0
42	Distribution Surcharges	835,171	MWh	0.10¢	795	0.10¢	795
43							
44	Total Full Service Distribution	835171.0138	MWh	**0.60¢**	**5,007**	**0.66¢**	**5,534**
45	**Total Full Service R10**	835,171	MWh	**5.19¢**	**43,372**	**5.26¢**	**43,903**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Interruptible Supply Rider - R10 (Cont'd)
All Voltages

Case No.: U-22046
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Schedule: F3
Witness: N.C.Rademacher
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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate	(d) Present Revenue ($000)	(e) Proposed Rate	(f) Proposed Revenue ($000)
45	**Choice Distribution**	Quantity	Units	Rate	Revenue	Rate	Revenue
46	**Capacity**				($000)		($000)
47	Administrative Charge	0	MWh	0.00000		0.00000	0
48	Total Capacity	0	MWh				0
49							
50	Service Charge - PV	0	Cust.	70	0	70	0
51	Service Charge - SV	0	Cust.	375	0	375	0
52	Service Charge - TV	0	Cust.	375	0	375	0
53	Distribution Charges						
54	Primary	0	kW	7.15	0	7.36	0
55							
56	Subtransmission	0	kW	1.84	0	2.01	0
57							
58	Transmission	0	kW	0.98	0	1.11	0
59							
60	Substation Credit						
61	Demand	0	kW	(0.30)	0	(0.30)	0
62	Energy	0	MWh	(0.0004)	0	(0.0004)	0
63	Distribution System	0	MWh		0		0
64							
65	IRM - PV	0	kW	0.2743	0	0.2743	0
66	IRM - SV	0	kW	0.1018	0	0.1018	0
67	IRM - TV	0	kW	0	0	0	0
68	Nuclear Decommissioning			0.000890	0	0.000890	0
69	Energy Waste Reduction			1,874.49	0	1,874.49	0
70	LIEAF	0	Meters	1.50	0	1.50	0
71	Distribution Surcharges				0		0
72							
73	**Total Choice Distribution R10**	0	MWh		**0**		**0**
74							
75	**Total R10**	835,171	MWh	**5.19¢**	**43,372**	**5.26¢**	**43,903**
76	Increase/Decrease ($)						532

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Outdoor Protective Lighting - D9 Residential

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
1	Overhead										
2	Mercury Vapor										
3	100 W	0	Lamps	16.86	4.73	0.00	0	18.67	4.74	0.00	0
4	175 W	3,173	Lamps	21.63	4.73	0.00	956	23.80	4.74	0.00	1,039
5	250 W	1	Lamps	26.41	4.73	0.00	0	28.99	4.74	0.00	0
6	400 W	48	Lamps	34.90	4.73	0.00	24	37.54	4.74	0.00	26
7	1,000 W	0	Lamps	71.32	4.73	0.00	0	75.18	4.74	0.00	0
8											
9	High Pressure Sodium Vapor										
10	100 W	3,045	Lamps	16.46	4.73	0.00	683	19.33	4.74	0.00	788
11	150 W	0	Lamps	19.72	4.73	0.00	0	22.14	4.74	0.00	0
12	250 W	353	Lamps	25.46	4.73	0.00	129	28.60	4.74	0.00	143
13	360 W	0	Lamps	29.88	4.73	0.00	0	34.67	4.74	0.00	0
14	400 W	27	Lamps	31.49	4.73	0.00	13	37.41	4.74	0.00	15
15	1,000 W	1	Lamps	63.76	4.73	0.00	1	74.51	4.74	0.00	1
16											
17	Metal Halide										
18	100 W	0	Lamps	17.36	4.73	0.00	0	20.40	4.74	0.00	0
19	150 W	0	Lamps	20.53	4.73	0.00	0	23.71	4.74	0.00	0
20	175 W	0	Lamps	22.12	4.73	0.00	0	25.37	4.74	0.00	0
21	250 W	0	Lamps	26.88	4.73	0.00	0	30.33	4.74	0.00	0
22	320 W	0	Lamps	31.32	4.73	0.00	0	34.96	4.74	0.00	0
23	400 W	0	Lamps	36.40	4.73	0.00	0	40.26	4.74	0.00	0
24	1,000 W	0	Lamps	74.49	4.73	0.00	0	77.12	4.74	0.00	0
25											
26	LED										
27	10 - 19 W	0	Lamps	11.72	4.73	0.00	0	14.50	4.74	0.00	0
28	20 - 29 W	0	Lamps	12.48	4.73	0.00	0	15.33	4.74	0.00	0
29	30 - 39 W	0	Lamps	13.23	4.73	0.00	0	15.88	4.74	0.00	0
30	40 - 49 W	0	Lamps	13.98	4.73	0.00	0	17.03	4.74	0.00	0
31	50 - 59 W	615	Lamps	14.74	4.73	0.00	115	17.60	4.74	0.00	137
32	60 - 69 W	1,504	Lamps	15.56	4.73	0.00	300	18.55	4.74	0.00	354
33	70 - 79 W	12	Lamps	16.38	4.73	0.00	3	19.50	4.74	0.00	3
34	80 - 89 W	1	Lamps	17.17	4.73	0.00	0	20.45	4.74	0.00	0
35	90 - 99 W	0	Lamps	17.86	4.73	0.00	0	21.16	4.74	0.00	0
36	100 - 109 W	0	Lamps	18.56	4.73	0.00	0	22.01	4.74	0.00	0
37	110 - 119 W	1	Lamps	19.26	4.73	0.00	0	22.96	4.74	0.00	0
38	120 - 129 W	0	Lamps	19.94	4.73	0.00	0	23.70	4.74	0.00	0
39	130 - 139 W	124	Lamps	20.63	4.73	0.00	34	24.45	4.74	0.00	40
40	140 - 149 W	3	Lamps	21.27	4.73	0.00	1	25.58	4.74	0.00	1
41	150 - 159 W	0	Lamps	21.84	4.73	0.00	0	26.29	4.74	0.00	0
42	160 - 169 W	0	Lamps	22.40	4.73	0.00	0	27.14	4.74	0.00	0
43	170 - 179 W	2	Lamps	22.97	4.73	0.00	1	27.94	4.74	0.00	1
44	180 - 189 W	0	Lamps	23.65	4.73	0.00	0	28.83	4.74	0.00	0
45	190 - 199 W	0	Lamps	24.34	4.73	0.00	0	29.68	4.74	0.00	0
46	200 - 209 W	0	Lamps	25.02	4.73	0.00	0	30.30	4.74	0.00	0
47	210 - 219 W	2	Lamps	25.64	4.73	0.00	1	31.15	4.74	0.00	1
48	220 - 229 W	0	Lamps	26.26	4.73	0.00	0	31.99	4.74	0.00	0
49	230 - 239 W	4	Lamps	26.90	4.73	0.00	1	32.84	4.74	0.00	2
50	240 - 249 W	0	Lamps	27.52	4.73	0.00	0	33.68	4.74	0.00	0
51	250 - 259 W	0	Lamps	28.15	4.73	0.00	0	34.61	4.74	0.00	0
52	260 - 269 W	0	Lamps	28.78	4.73	0.00	0	35.45	4.74	0.00	0
53	270 - 279 W	0	Lamps	29.40	4.73	0.00	0	36.05	4.74	0.00	0
54	280 - 289 W	6	Lamps	30.03	4.73	0.00	2	36.83	4.74	0.00	3
55	290 - 299 W	16	Lamps	30.64	4.73	0.00	7	37.59	4.74	0.00	8
56	300 - 309 W	0	Lamps	31.27	4.73	0.00	0	38.69	4.74	0.00	0
57	310 - 319 W	0	Lamps	31.90	4.73	0.00	0	39.52	4.74	0.00	0
58	320 - 329 W	0	Lamps	32.52	4.73	0.00	0	40.36	4.74	0.00	0
59	330 - 339 W	0	Lamps	33.15	4.73	0.00	0	41.19	4.74	0.00	0
60	340 - 349 W	0	Lamps	33.77	4.73	0.00	0	42.02	4.74	0.00	0
61	350 - 359 W	0	Lamps	34.40	4.73	0.00	0	42.86	4.74	0.00	0
62	360 - 369 W	0	Lamps	35.02	4.73	0.00	0	43.69	4.74	0.00	0
63	370 - 379 W	0	Lamps	35.65	4.73	0.00	0	44.53	4.74	0.00	0
64	380 - 389 W	0	Lamps	36.27	4.73	0.00	0	45.36	4.74	0.00	0
65	390 - 399 W	0	Lamps	36.90	4.73	0.00	0	46.19	4.74	0.00	0

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Outdoor Protective Lighting - D9 Residential (Cont'd)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c) Present	(d)	(e)	(f)	(g)	(h)	(i)	(j)
								Proposed			
		Quantity	Units	Rate ($/luminaire/mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
66	Underground										
67	Mercury Vapor										
68	100 W	0	Lamps	28.29	4.73	0.00	0	30.54	4.74	0.00	0
69	175 W	1	Lamps	32.20	4.73	0.00	0	34.44	4.74	0.00	0
70	250 W	0	Lamps	38.80	4.73	0.00	0	41.68	4.74	0.00	0
71	400 W	0	Lamps	50.06	4.73	0.00	0	52.74	4.74	0.00	0
72	1,000 W	0	Lamps	100.23	4.73	0.00	0	123.28	4.74	0.00	0
73											
74	High Pressure Sodium Vapor										
75	70 W	0	Lamps	22.47	4.73	0.00	0	22.73	4.74	0.00	0
76	100 W	1	Lamps	24.69	4.73	0.00	0	26.99	4.74	0.00	0
77	150 W	0	Lamps	27.27	4.73	0.00	0	33.91	4.74	0.00	0
78	250 W	0	Lamps	32.42	4.73	0.00	0	35.53	4.74	0.00	0
79	400 W	0	Lamps	40.14	4.73	0.00	0	46.80	4.74	0.00	0
80	1,000 W	0	Lamps	71.04	4.73	0.00	0	85.21	4.74	0.00	0
81											
82	Metal Halide										
83	100 W	0	Lamps	24.69	4.73	0.00	0	27.53	4.74	0.00	0
84	150 W	0	Lamps	27.27	4.73	0.00	0	30.52	4.74	0.00	0
85	175 W	0	Lamps	28.56	4.73	0.00	0	32.01	4.74	0.00	0
86	250 W	0	Lamps	32.42	4.73	0.00	0	36.50	4.74	0.00	0
87	400 W	0	Lamps	40.14	4.73	0.00	0	45.47	4.74	0.00	0
88	1,000 W	0	Lamps	108.51	4.73	0.00	0	81.35	4.74	0.00	0
89											
90	LED										
91	10 - 19 W	0	Lamps	23.23	4.73	0.00	0	22.01	4.74	0.00	0
92	20 - 29 W	0	Lamps	23.63	4.73	0.00	0	23.63	4.74	0.00	0
93	30 - 39 W	14	Lamps	24.03	4.73	0.00	4	24.03	4.74	0.00	4
94	40 - 49 W	0	Lamps	24.43	4.73	0.00	0	24.77	4.74	0.00	0
95	50 - 59 W	0	Lamps	24.84	4.73	0.00	0	24.84	4.74	0.00	0
96	60 - 69 W	0	Lamps	25.24	4.73	0.00	0	25.60	4.74	0.00	0
97	70 - 79 W	74	Lamps	25.61	4.73	0.00	24	27.04	4.74	0.00	25
98	80 - 89 W	0	Lamps	26.00	4.73	0.00	0	28.49	4.74	0.00	0
99	90 - 99 W	0	Lamps	26.38	4.73	0.00	0	29.94	4.74	0.00	0
100	100 - 109 W	0	Lamps	26.74	4.73	0.00	0	31.09	4.74	0.00	0
101	110 - 119 W	0	Lamps	27.13	4.73	0.00	0	32.02	4.74	0.00	0
102	120 - 129 W	0	Lamps	27.49	4.73	0.00	0	32.53	4.74	0.00	0
103	130 - 139 W	1	Lamps	27.85	4.73	0.00	0	33.74	4.74	0.00	0
104	140 - 149 W	0	Lamps	28.51	4.73	0.00	0	34.56	4.74	0.00	0
105	150 - 159 W	0	Lamps	29.17	4.73	0.00	0	35.54	4.74	0.00	0
106	160 - 169 W	0	Lamps	29.83	4.73	0.00	0	36.52	4.74	0.00	0
107	170 - 179 W	0	Lamps	30.48	4.73	0.00	0	37.51	4.74	0.00	0
108	180 - 189 W	0	Lamps	31.14	4.73	0.00	0	38.49	4.74	0.00	0
109	190 - 199 W	0	Lamps	31.80	4.73	0.00	0	39.47	4.74	0.00	0
110	200 - 209 W	0	Lamps	32.45	4.73	0.00	0	39.47	4.74	0.00	0
111	210 - 219 W	0	Lamps	33.34	4.73	0.00	0	41.24	4.74	0.00	0
112	220 - 229 W	0	Lamps	34.22	4.73	0.00	0	42.21	4.74	0.00	0
113	230 - 239 W	0	Lamps	35.11	4.73	0.00	0	42.75	4.74	0.00	0
114	240 - 249 W	0	Lamps	35.91	4.73	0.00	0	44.07	4.74	0.00	0
115	250 - 259 W	0	Lamps	36.71	4.73	0.00	0	45.04	4.74	0.00	0
116	260 - 269 W	0	Lamps	37.52	4.73	0.00	0	46.00	4.74	0.00	0
117	270 - 279 W	0	Lamps	38.32	4.73	0.00	0	46.71	4.74	0.00	0
118	280 - 289 W	0	Lamps	38.75	4.73	0.00	0	47.26	4.74	0.00	0
119	290 - 299 W	0	Lamps	39.16	4.73	0.00	0	47.78	4.74	0.00	0
120	300 - 309 W	0	Lamps	39.58	4.73	0.00	0	49.59	4.74	0.00	0
121	310 - 319 W	0	Lamps	39.99	4.73	0.00	0	50.54	4.74	0.00	0
122	320 - 329 W	0	Lamps	40.41	4.73	0.00	0	51.49	4.74	0.00	0
123	330 - 339 W	0	Lamps	40.82	4.73	0.00	0	52.44	4.74	0.00	0
124	340 - 349 W	0	Lamps	41.24	4.73	0.00	0	53.39	4.74	0.00	0
125	350 - 359 W	0	Lamps	41.65	4.73	0.00	0	54.34	4.74	0.00	0
126	360 - 369 W	0	Lamps	42.07	4.73	0.00	0	55.29	4.74	0.00	0
127	370 - 379 W	0	Lamps	42.48	4.73	0.00	0	56.25	4.74	0.00	0
128	380 - 389 W	0	Lamps	42.90	4.73	0.00	0	57.20	4.74	0.00	0
129	390 - 399 W	0	Lamps	43.31	4.73	0.00	0	58.15	4.74	0.00	0
130											
131	Lamp Total	9,028	Lamps				2,301				2,591
132											
133	PSCR	5,816	MWh	$ -			0	$ -			0
134											
135	Additional Light Credit	0	Lamps	-97.92			0	-97.92			0
136	Post Charge	0	Posts	81.96			0	85.44			0
137											
138	Other Charges										
139		Number of Poles		$ /Pole/Year				$ /Pole/Year			
140	New Poles	1,438	Poles	24.48			35	24.48			35
141	Subtotal						2,336				2,627
142	IRM	5,816	MWh	0.023033			134	0.023033			134
143	Nuclear Decommissioning	5,816	MWh	0.000890			5	0.000890			5
144	Subtotal	9,028	Lamps				2,476				2,766
145											
146		Investment		Carrying Charge/Year				Carrying Charge/Year			
147	Special Facilities	8,028		-18%			(1)	-18%			(1)
148	Subtotal	9,028	Lamps				2,474				2,764
149											
150	Energy Waste Reduction	5,816	MWh	0.004488			26	0.004488			26
151	REPS	8,475	Meters	0.00%			0				0
152	**Total Residential D9**	5,816	MWh				**2,500**				**2,790**
153	Increase/Decrease ($)										290

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Outdoor Protective Lighting - D9 Commercial

Case No.: U-22046
Exhibit: S-6
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Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
1	Overhead										
2	Mercury Vapor										
3	100 W	0	Lamps	16.86	4.73	0.00	0	18.67	4.74	0.00	0
4	175 W	3,812	Lamps	21.63	4.73	0.00	1,148	23.80	4.74	0.00	1,248
5	250 W	114	Lamps	26.41	4.73	0.00	43	28.99	4.74	0.00	46
6	400 W	913	Lamps	34.90	4.73	0.00	464	37.54	4.74	0.00	493
7	1,000 W	133	Lamps	71.32	4.73	0.00	142	75.18	4.74	0.00	148
8											
9	High Pressure Sodium Vapor										
10	100 W	1,980	Lamps	16.46	4.73	0.00	444	19.33	4.74	0.00	512
11	150 W	0	Lamps	19.72	4.73	0.00	0	22.14	4.74	0.00	0
12	250 W	3,362	Lamps	25.46	4.73	0.00	1,231	28.60	4.74	0.00	1,358
13	360 W	0	Lamps	29.88	4.73	0.00	0	34.67	4.74	0.00	0
14	400 W	1,586	Lamps	31.49	4.73	0.00	746	37.41	4.74	0.00	859
15	1,000 W	45	Lamps	63.76	4.73	0.00	44	74.51	4.74	0.00	50
16											
17	Metal Halide										
18	100 W	0	Lamps	17.36	4.73	0.00	0	20.40	4.74	0.00	0
19	150 W	0	Lamps	20.53	4.73	0.00	0	23.71	4.74	0.00	0
20	175 W	0	Lamps	22.12	4.73	0.00	0	25.37	4.74	0.00	0
21	250 W	0	Lamps	26.88	4.73	0.00	0	30.33	4.74	0.00	0
22	320 W	0	Lamps	31.32	4.73	0.00	0	34.96	4.74	0.00	0
23	400 W	0	Lamps	36.40	4.73	0.00	0	40.26	4.74	0.00	0
24	1,000 W	27	Lamps	74.49	4.73	0.00	29	77.12	4.74	0.00	30
25											
26	LED										
27	10 - 19 W	0	Lamps	11.72	4.73	0.00	0	14.50	4.74	0.00	0
28	20 - 29 W	0	Lamps	12.48	4.73	0.00	0	15.33	4.74	0.00	0
29	30 - 39 W	9	Lamps	13.23	4.73	0.00	1	15.88	4.74	0.00	2
30	40 - 49 W	0	Lamps	13.98	4.73	0.00	0	17.03	4.74	0.00	0
31	50 - 59 W	1,478	Lamps	14.74	4.73	0.00	278	17.60	4.74	0.00	328
32	60 - 69 W	1,812	Lamps	15.56	4.73	0.00	362	18.55	4.74	0.00	427
33	70 - 79 W	244	Lamps	16.38	4.73	0.00	51	19.50	4.74	0.00	61
34	80 - 89 W	17	Lamps	17.17	4.73	0.00	4	20.45	4.74	0.00	5
35	90 - 99 W	0	Lamps	17.86	4.73	0.00	0	21.16	4.74	0.00	0
36	100 - 109 W	0	Lamps	18.56	4.73	0.00	0	22.01	4.74	0.00	0
37	110 - 119 W	48	Lamps	19.26	4.73	0.00	12	22.96	4.74	0.00	14
38	120 - 129 W	376	Lamps	19.94	4.73	0.00	99	23.70	4.74	0.00	116
39	130 - 139 W	2,235	Lamps	20.63	4.73	0.00	613	24.45	4.74	0.00	716
40	140 - 149 W	110	Lamps	21.27	4.73	0.00	31	25.58	4.74	0.00	37
41	150 - 159 W	0	Lamps	21.84	4.73	0.00	0	26.29	4.74	0.00	0
42	160 - 169 W	0	Lamps	22.40	4.73	0.00	0	27.14	4.74	0.00	0
43	170 - 179 W	48	Lamps	22.97	4.73	0.00	15	27.94	4.74	0.00	18
44	180 - 189 W	0	Lamps	23.65	4.73	0.00	0	28.83	4.74	0.00	0
45	190 - 199 W	0	Lamps	24.34	4.73	0.00	0	29.68	4.74	0.00	0
46	200 - 209 W	646	Lamps	25.02	4.73	0.00	220	30.30	4.74	0.00	261
47	210 - 219 W	365	Lamps	25.64	4.73	0.00	128	31.15	4.74	0.00	152
48	220 - 229 W	384	Lamps	26.26	4.73	0.00	138	31.99	4.74	0.00	165
49	230 - 239 W	1,258	Lamps	26.90	4.73	0.00	465	32.84	4.74	0.00	554
50	240 - 249 W	320	Lamps	27.52	4.73	0.00	121	33.68	4.74	0.00	145
51	250 - 259 W	0	Lamps	28.15	4.73	0.00	0	34.61	4.74	0.00	0
52	260 - 269 W	0	Lamps	28.78	4.73	0.00	0	35.45	4.74	0.00	0
53	270 - 279 W	1	Lamps	29.40	4.73	0.00	0	36.05	4.74	0.00	0
54	280 - 289 W	403	Lamps	30.03	4.73	0.00	168	36.83	4.74	0.00	201
55	290 - 299 W	1,350	Lamps	30.64	4.73	0.00	575	37.59	4.74	0.00	688
56	300 - 309 W	0	Lamps	31.27	4.73	0.00	0	38.69	4.74	0.00	0
57	310 - 319 W	0	Lamps	31.90	4.73	0.00	0	39.52	4.74	0.00	0
58	320 - 329 W	0	Lamps	32.52	4.73	0.00	0	40.36	4.74	0.00	0
59	330 - 339 W	0	Lamps	33.15	4.73	0.00	0	41.19	4.74	0.00	0
60	340 - 349 W	0	Lamps	33.77	4.73	0.00	0	42.02	4.74	0.00	0
61	350 - 359 W	0	Lamps	34.40	4.73	0.00	0	42.86	4.74	0.00	0
62	360 - 369 W	0	Lamps	35.02	4.73	0.00	0	43.69	4.74	0.00	0
63	370 - 379 W	0	Lamps	35.65	4.73	0.00	0	44.53	4.74	0.00	0
64	380 - 389 W	0	Lamps	36.27	4.73	0.00	0	45.36	4.74	0.00	0
65	390 - 399 W	0	Lamps	36.90	4.73	0.00	0	46.19	4.74	0.00	0

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Outdoor Protective Lighting - D9 Commercial (Cont'd)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c) Present	(d)	(e)	(f)	(g)	(h)	(i)	(j)
								Proposed			
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
66	Underground										
67	Mercury Vapor										
68	100 W	17	Lamps	28.29	4.73	0.00	6	30.54	4.74	0.00	7
69	175 W	5	Lamps	32.20	4.73	0.00	2	34.44	4.74	0.00	2
70	250 W	4	Lamps	38.80	4.73	0.00	2	41.68	4.74	0.00	2
71	400 W	28	Lamps	50.06	4.73	0.00	19	52.74	4.74	0.00	20
72	1,000 W	1	Lamps	100.23	4.73	0.00	1	123.28	4.74	0.00	2
73											
74	High Pressure Sodium Vapor										
75	70 W	63	Lamps	22.47	4.73	0.00	18	22.73	4.74	0.00	18
76	100 W	76	Lamps	24.69	4.73	0.00	25	26.99	4.74	0.00	27
77	150 W	0	Lamps	27.27	4.73	0.00	0	33.91	4.74	0.00	0
78	250 W	2	Lamps	32.42	4.73	0.00	1	35.53	4.74	0.00	1
79	400 W	0	Lamps	40.14	4.73	0.00	0	46.80	4.74	0.00	0
80	1,000 W	0	Lamps	71.04	4.73	0.00	0	85.21	4.74	0.00	0
81											
82	Metal Halide										
83	100 W	0	Lamps	24.69	4.73	0.00	0	27.53	4.74	0.00	0
84	150 W	0	Lamps	27.27	4.73	0.00	0	30.52	4.74	0.00	0
85	175 W	0	Lamps	28.56	4.73	0.00	0	32.01	4.74	0.00	0
86	250 W	0	Lamps	32.42	4.73	0.00	0	36.50	4.74	0.00	0
87	400 W	0	Lamps	40.14	4.73	0.00	0	45.47	4.74	0.00	0
88	1,000 W	0	Lamps	108.51	4.73	0.00	0	81.35	4.74	0.00	0
89											
90	LED										
91	10 - 19 W	0	Lamps	23.23	4.73	0.00	0	22.01	4.74	0.00	0
92	20 - 29 W	404	Lamps	23.63	4.73	0.00	117	23.63	4.74	0.00	117
93	30 - 39 W	1,418	Lamps	24.03	4.73	0.00	419	24.03	4.74	0.00	419
94	40 - 49 W	0	Lamps	24.43	4.73	0.00	0	24.77	4.74	0.00	0
95	50 - 59 W	63	Lamps	24.84	4.73	0.00	19	24.84	4.74	0.00	19
96	60 - 69 W	254	Lamps	25.24	4.73	0.00	80	25.60	4.74	0.00	81
97	70 - 79 W	370	Lamps	25.61	4.73	0.00	119	27.04	4.74	0.00	126
98	80 - 89 W	383	Lamps	26.00	4.73	0.00	126	28.49	4.74	0.00	137
99	90 - 99 W	180	Lamps	26.38	4.73	0.00	60	29.94	4.74	0.00	68
100	100 - 109 W	42	Lamps	26.74	4.73	0.00	14	31.09	4.74	0.00	16
101	110 - 119 W	153	Lamps	27.13	4.73	0.00	53	32.02	4.74	0.00	62
102	120 - 129 W	0	Lamps	27.49	4.73	0.00	0	32.53	4.74	0.00	0
103	130 - 139 W	282	Lamps	27.85	4.73	0.00	102	33.74	4.74	0.00	122
104	140 - 149 W	266	Lamps	28.51	4.73	0.00	99	34.56	4.74	0.00	118
105	150 - 159 W	0	Lamps	29.17	4.73	0.00	0	35.54	4.74	0.00	0
106	160 - 169 W	0	Lamps	29.83	4.73	0.00	0	36.52	4.74	0.00	0
107	170 - 179 W	0	Lamps	30.48	4.73	0.00	0	37.51	4.74	0.00	0
108	180 - 189 W	0	Lamps	31.14	4.73	0.00	0	38.49	4.74	0.00	0
109	190 - 199 W	0	Lamps	31.80	4.73	0.00	0	39.47	4.74	0.00	0
110	200 - 209 W	694	Lamps	32.45	4.73	0.00	299	39.47	4.74	0.00	357
111	210 - 219 W	0	Lamps	33.34	4.73	0.00	0	41.24	4.74	0.00	0
112	220 - 229 W	0	Lamps	34.22	4.73	0.00	0	42.21	4.74	0.00	0
113	230 - 239 W	37	Lamps	35.11	4.73	0.00	17	42.75	4.74	0.00	21
114	240 - 249 W	0	Lamps	35.91	4.73	0.00	0	44.07	4.74	0.00	0
115	250 - 259 W	0	Lamps	36.71	4.73	0.00	0	45.04	4.74	0.00	0
116	260 - 269 W	0	Lamps	37.52	4.73	0.00	0	46.00	4.74	0.00	0
117	270 - 279 W	11	Lamps	38.32	4.73	0.00	6	46.71	4.74	0.00	7
118	280 - 289 W	5	Lamps	38.75	4.73	0.00	3	47.26	4.74	0.00	3
119	290 - 299 W	331	Lamps	39.16	4.73	0.00	175	47.78	4.74	0.00	209
120	300 - 309 W	0	Lamps	39.58	4.73	0.00	0	49.59	4.74	0.00	0
121	310 - 319 W	0	Lamps	39.99	4.73	0.00	0	50.54	4.74	0.00	0
122	320 - 329 W	0	Lamps	40.41	4.73	0.00	0	51.49	4.74	0.00	0
123	330 - 339 W	0	Lamps	40.82	4.73	0.00	0	52.44	4.74	0.00	0
124	340 - 349 W	0	Lamps	41.24	4.73	0.00	0	53.39	4.74	0.00	0
125	350 - 359 W	0	Lamps	41.65	4.73	0.00	0	54.34	4.74	0.00	0
126	360 - 369 W	0	Lamps	42.07	4.73	0.00	0	55.29	4.74	0.00	0
127	370 - 379 W	0	Lamps	42.48	4.73	0.00	0	56.25	4.74	0.00	0
128	380 - 389 W	0	Lamps	42.90	4.73	0.00	0	57.20	4.74	0.00	0
129	390 - 399 W	0	Lamps	43.31	4.73	0.00	0	58.15	4.74	0.00	0
130											
131	Lamp Total	28,162	Lamps				9,356				10,596
132											
133	PSCR	24,442	MWh	$ -			0	$ -			0
134											
135	Additional Light Credit	581	Lamps	-97.92			(57)	-97.92			(57)
136	Post Charge	2,990	Posts	81.96			245	85.44			255
137											
138	Other Charges										
139		Number of Poles		$ /Pole/Year				$ /Pole/Year			
140	New Poles	3,476	Poles	24.48			85	24.48			85
141	Subtotal	28,162	Lamps				9,630				10,880
142	IRM	24,442	MWh	0.011395			279	0.011395			279
143	Nuclear Decommissioning	24,442	MWh	0.000890			22	0.000890			22
144	Subtotal	28,162	Lamps				9,930				11,180
145											
146		Investment		Carrying Charge/Year				Carrying Charge/Year			
147	Special Facilities	69,322		-18%			(12)	-18%			(12)
148	Subtotal	28,162	Lamps				9,918				11,167
149											
150	Energy Waste Reduction	8,753	Meters	$4.91			516	$ 4.91			516
151	REPS	8,753	Meters	0.00%			0	0.00%			0
152	**Total Commercial**	24,442	MWh				**10,433**				**11,683**
153	Increase/Decrease ($)										1,250

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option I - Company Owned Overhead

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		#DIV/0! (c)	#DIV/0! (d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
1	**Overhead**										
2	Mercury Vapor										
3	100 W	61	Lamps	31.12	4.50	0.00	24	38.54	4.58	0.00	30
4	175 W	1,937	Lamps	38.70	4.50	0.00	976	48.12	4.58	0.00	1,197
5	250 W	28	Lamps	46.31	4.50	0.00	17	57.74	4.58	0.00	21
6	400 W	425	Lamps	61.53	4.50	0.00	350	76.89	4.58	0.00	429
7	1,000 W	6	Lamps	131.25	4.50	0.00	11	164.34	4.58	0.00	13
8											
9	High Pressure Sodium Vapor										
10	70 W	737	Lamps	23.18	4.50	0.00	218	26.23	4.58	0.00	245
11	100 W	2,936	Lamps	26.54	4.50	0.00	1,010	32.97	4.58	0.00	1,238
12	150 W	2	Lamps	32.41	4.50	0.00	1	36.72	4.58	0.00	1
13	250 W	1,879	Lamps	41.73	4.50	0.00	1,049	49.35	4.58	0.00	1,223
14	360 W	0	Lamps	48.92	4.50	0.00	0	60.89	4.58	0.00	0
15	400 W	5	Lamps	51.53	4.50	0.00	4	64.68	4.58	0.00	4
16	1,000 W	0	Lamps	90.74	4.50	0.00	0	130.94	4.58	0.00	0
17											
18	Metal Halide										
19	70 W	1	Lamps	29.97	4.50	0.00	0	37.01	4.58	0.00	0
20	100 W	1	Lamps	30.50	4.50	0.00	0	37.78	4.58	0.00	0
21	150 W	0	Lamps	37.16	4.50	0.00	0	39.09	4.58	0.00	0
22	175 W	4	Lamps	40.49	4.50	0.00	2	50.32	4.58	0.00	3
23	250 W	1	Lamps	50.49	4.50	0.00	1	62.87	4.58	0.00	1
24	320 W	0	Lamps	59.04	4.50	0.00	0	68.71	4.58	0.00	0
25	400 W	3	Lamps	68.81	4.50	0.00	3	85.85	4.58	0.00	3
26	1,000 W	1	Lamps	142.36	4.50	0.00	2	177.93	4.58	0.00	2
27											
28	De-Energized										
29	Mercury Vapor										
30	100 W	0	Lamps	19.81	4.50	0.00	0	24.28	4.58	0.00	0.000
31	175 W	0	Lamps	25.20	4.50	0.00	0	30.89	4.58	0.00	0.000
32	250 W	0	Lamps	30.62	4.50	0.00	0	37.53	4.58	0.00	0.000
33	400 W	0	Lamps	41.17	4.50	0.00	0	50.46	4.58	0.00	0.000
34	1,000 W	0	Lamps	88.77	4.50	0.00	0	108.80	4.58	0.00	0.000
35											
36	High Pressure Sodium Vapor										
37	70 W	0	Lamps	14.81	4.50	0.00	0	16.65	4.58	0.00	0.000
38	100 W	4	Lamps	17.20	4.50	0.00	1	21.08	4.58	0.00	1.012
39	150 W	0	Lamps	21.33	4.50	0.00	0	23.96	4.58	0.00	0.000
40	250 W	1	Lamps	27.92	4.50	0.00	0	32.54	4.58	0.00	0.391
41	360 W	0	Lamps	33.30	4.50	0.00	0	40.55	4.58	0.00	0.000
42	400 W	0	Lamps	35.32	4.50	0.00	0	43.28	4.58	0.00	0.000
43	1,000 W	0	Lamps	64.84	4.50	0.00	0	89.14	4.58	0.00	0.000
44											
45	LED										
	50 - 59 W	1	Lamps	11.63	4.50	0.00	0	11.92	4.58	0.00	0.143
46	60 - 69 W	0	Lamps	12.46	4.50	0.00	0	12.81	4.58	0.00	0.000
47											
48	Dusk-Midnight										
49	Mercury Vapor										
50	100 W	0	Lamps	30.06	4.50	0.00	0	37.48	4.58	0.00	0.000
51	175 W	0	Lamps	36.84	4.50	0.00	0	46.27	4.58	0.00	0.000
52	250 W	0	Lamps	43.66	4.50	0.00	0	55.09	4.58	0.00	0.000
53	400 W	0	Lamps	57.29	4.50	0.00	0	72.65	4.58	0.00	0.000
54	1,000 W	0	Lamps	127.01	4.50	0.00	0	160.10	4.58	0.00	0.000
55											
56	High Pressure Sodium Vapor										
57	70 W	0	Lamps	22.44	4.50	0.00	0	25.49	4.58	0.00	0.000
58	100 W	0	Lamps	25.48	4.50	0.00	0	31.91	4.58	0.00	0.000
59	150 W	0	Lamps	30.82	4.50	0.00	0	35.13	4.58	0.00	0.000
60	250 W	2	Lamps	39.08	4.50	0.00	1	46.70	4.58	0.00	1.179
61	360 W	0	Lamps	45.11	4.50	0.00	0	57.07	4.58	0.00	0.000
62	400 W	4	Lamps	47.29	4.50	0.00	2	60.44	4.58	0.00	3.080
63	1,000 W	0	Lamps	80.14	4.50	0.00	0	120.34	4.58	0.00	0.000
64											
65	LED										
66	130 - 139 W	5	Lamps	27.53	4.50	0.00	2	27.78	4.58	0.00	1.732
67	280 - 289 W	2	Lamps	44.27	4.50	0.00	1	45.24	4.58	0.00	1.141

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option I - Company Owned Overhead (Cont'd)

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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
68	LED										
69	10 - 19 W	0	Lamps	14.05	4.50	0.00	0	14.10	4.58	0.00	0
70	20 - 29 W	0	Lamps	15.14	4.50	0.00	0	15.37	4.58	0.00	0
71	30 - 39 W	7	Lamps	16.22	4.50	0.00	1	16.31	4.58	0.00	1
72	40 - 49 W	72	Lamps	17.30	4.50	0.00	16	17.58	4.58	0.00	16
73	50 - 59 W	26,801	Lamps	18.52	4.50	0.00	6,235	18.89	4.58	0.00	6,359
74	60 - 69 W	36,303	Lamps	19.75	4.50	0.00	9,050	20.30	4.58	0.00	9,298
75	70 - 79 W	599	Lamps	21.03	4.50	0.00	160	21.71	4.58	0.00	165
76	80 - 89 W	2,227	Lamps	22.46	4.50	0.00	636	23.13	4.58	0.00	655
77	90 - 99 W	1,455	Lamps	23.88	4.50	0.00	443	24.54	4.58	0.00	455
78	100 - 109 W	85	Lamps	25.31	4.50	0.00	28	25.79	4.58	0.00	28
79	110 - 119 W	5	Lamps	26.73	4.50	0.00	2	26.92	4.58	0.00	2
80	120 - 129 W	57	Lamps	27.85	4.50	0.00	20	28.05	4.58	0.00	21
81	130 - 139 W	20,301	Lamps	28.96	4.50	0.00	7,573	29.21	4.58	0.00	7,643
82	140 - 149 W	194	Lamps	30.14	4.50	0.00	75	30.86	4.58	0.00	77
83	150 - 159 W	399	Lamps	31.31	4.50	0.00	162	32.05	4.58	0.00	165
84	160 - 169 W	106	Lamps	32.49	4.50	0.00	45	33.25	4.58	0.00	46
85	170 - 179 W	52	Lamps	33.67	4.50	0.00	23	34.45	4.58	0.00	23
86	180 - 189 W	9	Lamps	34.84	4.50	0.00	4	35.65	4.58	0.00	4
87	190 - 199 W	0	Lamps	36.02	4.50	0.00	0	37.12	4.58	0.00	0
88	200 - 209 W	298	Lamps	37.19	4.50	0.00	145	38.05	4.58	0.00	148
89	210 - 219 W	46	Lamps	38.45	4.50	0.00	23	39.32	4.58	0.00	24
90	220 - 229 W	0	Lamps	39.71	4.50	0.00	0	40.84	4.58	0.00	0
91	230 - 239 W	757	Lamps	40.96	4.50	0.00	406	41.87	4.58	0.00	415
92	240 - 249 W	9	Lamps	42.23	4.50	0.00	5	43.14	4.58	0.00	5
93	250 - 259 W	10	Lamps	43.51	4.50	0.00	6	44.44	4.58	0.00	6
94	260 - 269 W	0	Lamps	44.77	4.50	0.00	0	45.84	4.58	0.00	0
95	270 - 279 W	0	Lamps	46.03	4.50	0.00	0	47.11	4.58	0.00	0
96	280 - 289 W	901	Lamps	47.29	4.50	0.00	560	48.26	4.58	0.00	571
97	290 - 299 W	22	Lamps	48.54	4.50	0.00	14	49.52	4.58	0.00	14
98	300 - 309 W	13	Lamps	49.73	4.50	0.00	9	50.73	4.58	0.00	9
99	310 - 319 W	0	Lamps	50.92	4.50	0.00	0	52.14	4.58	0.00	0
100	320 - 329 W	4	Lamps	52.12	4.50	0.00	3	53.16	4.58	0.00	3
101	330 - 339 W	0	Lamps	53.31	4.50	0.00	0	54.64	4.58	0.00	0
102	340 - 349 W	0	Lamps	54.51	4.50	0.00	0	55.91	4.58	0.00	0
103	350 - 359 W	0	Lamps	55.70	4.50	0.00	0	57.18	4.58	0.00	0
104	360 - 369 W	0	Lamps	56.89	4.50	0.00	0	58.45	4.58	0.00	0
105	370 - 379 W	0	Lamps	58.09	4.50	0.00	0	59.71	4.58	0.00	0
106	380 - 389 W	0	Lamps	59.28	4.50	0.00	0	60.98	4.58	0.00	0
107	390 - 399 W	0	Lamps	60.48	4.50	0.00	0	62.25	4.58	0.00	0
108	Subtotal	98,779	Lamps				29,317				30,572
109											
110	PSCR	37,566	MWh	0			0	$ -			0
111											
112	Multiple Lamp Discount	1,292	Lamps	($12.24)			(16)	-12.24			(16)
113	Subtotal	98,779	Lamps				29,301				30,557
114	IRM	37,566	MWh	0.020049			753	0.020049			753
115	Nuclear Decomm.	37,566	MWh	0.000890			33	0.000890			33
116	Subtotal	98,779	Lamps				30,088				31,343
117											
118	Energy Optimization	472	Meters	$4.91			28	$ 4.91			28
119											
120	**Total E1 - Option 1**	**37,566**	**MWh**				**30,116**				**31,371**
121	Increase/Decrease ($)										1,255

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option I - Company Owned Ornamental

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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Quantity	Units	Rate ($/luminaire/mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
	Co. Owned Ornamental										
1	Mercury Vapor										
2	100 W	3	Lamps	33.36	4.50	0.00	1	37.56	4.58	0.00	1
3	175 W	926	Lamps	40.00	4.50	0.00	481	44.71	4.58	0.00	534
4	250 W	1	Lamps	48.88	4.50	0.00	1	54.41	4.58	0.00	1
5	400 W	161	Lamps	62.97	4.50	0.00	135	69.74	4.58	0.00	149
6	1,000 W	0	Lamps	130.98	4.50	0.00	0	129.66	4.58	0.00	0
7											
8	High Pressure Sodium Vapor										
9	70 W	55	Lamps	25.56	4.50	0.00	18	28.94	4.58	0.00	20
10	100 W	8,738	Lamps	29.46	4.50	0.00	3,312	33.14	4.58	0.00	3,702
11	150 W	517	Lamps	33.82	4.50	0.00	229	37.85	4.58	0.00	255
12	250 W	2,243	Lamps	42.58	4.50	0.00	1,275	47.29	4.58	0.00	1,404
13	360 W	0	Lamps	51.95	4.50	0.00	0	56.91	4.58	0.00	0
14	400 W	516	Lamps	55.36	4.50	0.00	388	60.83	4.58	0.00	423
15	1,000 W	2	Lamps	94.57	4.50	0.00	3	119.52	4.58	0.00	3
16											
17	Metal Halide										
18	70 W	193	Lamps	33.80	4.50	0.00	81	38.29	4.58	0.00	92
19	100 W	62	Lamps	36.39	4.50	0.00	28	41.08	4.58	0.00	32
20	150 W	8	Lamps	47.24	4.50	0.00	5	53.39	4.58	0.00	5
21	175 W	330	Lamps	42.13	4.50	0.00	180	49.14	4.58	0.00	208
22	250 W	189	Lamps	50.77	4.50	0.00	126	58.46	4.58	0.00	143
23	320 W	0	Lamps	58.53	4.50	0.00	0	65.57	4.58	0.00	0
24	400 W	174	Lamps	67.39	4.50	0.00	156	77.31	4.58	0.00	177
25	1,000 W	0	Lamps	133.88	4.50	0.00	0	134.79	4.58	0.00	0
26											
27	De-Energized										
28	Mercury Vapor	0									
29	100 W	0	Lamps	21.15	4.50	0.00	0	23.69	4.58	0.00	0.000
30	175 W	0	Lamps	25.98	4.50	0.00	0	28.84	4.58	0.00	0.000
31	250 W	0	Lamps	32.17	4.50	0.00	0	35.53	4.58	0.00	0.000
32	400 W	0	Lamps	42.03	4.50	0.00	0	46.17	4.58	0.00	0.000
33	1,000 W	0	Lamps	88.60	4.50	0.00	0	87.99	4.58	0.00	0.000
34											
35	LED										
36	60 - 69 W	27	Lamps	15.39	4.50	0.00	5	18.06	4.58	0.00	5.850
37											
38	High Pressure Sodium Vapor										
39	70 W	0	Lamps	16.24	4.50	0.00	0	18.28	4.58	0.00	0.000
40	100 W	0	Lamps	18.95	4.50	0.00	0	21.18	4.58	0.00	0.000
41	150 W	0	Lamps	22.18	4.50	0.00	0	24.64	4.58	0.00	0.000
42	250 W	17	Lamps	28.43	4.50	0.00	6	31.30	4.58	0.00	6.386
43	360 W	0	Lamps	35.12	4.50	0.00	0	38.17	4.58	0.00	0.000
44	400 W	0	Lamps	37.61	4.50	0.00	0	40.97	4.58	0.00	0.000
45	1,000 W	0	Lamps	67.14	4.50	0.00	0	82.29	4.58	0.00	0.000
46											
47	Dusk-Midnight										
48	Mercury Vapor										
49	100 W	0	Lamps	32.30	4.50	0.00	0	36.50	4.58	0.00	0.000
50	175 W	0	Lamps	38.14	4.50	0.00	0	42.85	4.58	0.00	0.000
51	250 W	0	Lamps	46.23	4.50	0.00	0	51.76	4.58	0.00	0.000
52	400 W	0	Lamps	58.73	4.50	0.00	0	65.50	4.58	0.00	0.000
53	1,000 W	0	Lamps	120.38	4.50	0.00	0	119.06	4.58	0.00	0.000
54											
55	High Pressure Sodium Vapor										
56	70 W	0	Lamps	24.82	4.50	0.00	0	28.20	4.58	0.00	0.000
57	100 W	0	Lamps	28.40	4.50	0.00	0	32.08	4.58	0.00	0.000
58	150 W	0	Lamps	32.23	4.50	0.00	0	36.26	4.58	0.00	0.000
59	250 W	0	Lamps	39.93	4.50	0.00	0	44.64	4.58	0.00	0.000
60	360 W	0	Lamps	48.14	4.50	0.00	0	53.09	4.58	0.00	0.000
61	400 W	0	Lamps	51.12	4.50	0.00	0	56.59	4.58	0.00	0.000
62	1,000 W	0	Lamps	83.97	4.50	0.00	0	108.92	4.58	0.00	0.000
63											
64	LED										
65	130 - 139 W	21	Lamps	30.54	4.50	0.00	8	36.00	4.58	0.00	9.345

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option I - Company Owned Ornamental (Cont'd)

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Line No.	(a) Description	(b) Billing Determinants		(c) Present	(d)	(e)	(f)	(g) Proposed	(h)	(i)	(j)
		Quantity	Units	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Rate ($/luminaire/ mth)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
66	LED										
67	10 - 19 W	0	Lamps	19.51	4.50	0.00	0	22.99	4.58	0.00	0
68	20 - 29 W	99	Lamps	20.50	4.50	0.00	25	24.13	4.58	0.00	29
69	30 - 39 W	5,868	Lamps	21.49	4.50	0.00	1,552	25.29	4.58	0.00	1,820
70	40 - 49 W	5	Lamps	22.49	4.50	0.00	1	26.48	4.58	0.00	2
71	50 - 59 W	13,261	Lamps	23.53	4.50	0.00	3,882	27.72	4.58	0.00	4,551
72	60 - 69 W	9,685	Lamps	24.62	4.50	0.00	2,980	29.05	4.58	0.00	3,498
73	70 - 79 W	2,169	Lamps	25.72	4.50	0.00	700	30.38	4.58	0.00	822
74	80 - 89 W	1,918	Lamps	26.82	4.50	0.00	648	31.72	4.58	0.00	761
75	90 - 99 W	134	Lamps	27.91	4.50	0.00	47	33.05	4.58	0.00	56
76	100 - 109 W	496	Lamps	29.01	4.50	0.00	183	34.22	4.58	0.00	214
77	110 - 119 W	300	Lamps	30.11	4.50	0.00	115	35.29	4.58	0.00	134
78	120 - 129 W	8	Lamps	31.04	4.50	0.00	3	36.35	4.58	0.00	4
79	130 - 139 W	19,942	Lamps	31.97	4.50	0.00	8,160	37.43	4.58	0.00	9,476
80	140 - 149 W	683	Lamps	32.94	4.50	0.00	289	38.99	4.58	0.00	339
81	150 - 159 W	1,120	Lamps	33.90	4.50	0.00	488	40.12	4.58	0.00	573
82	160 - 169 W	22	Lamps	34.86	4.50	0.00	10	41.24	4.58	0.00	12
83	170 - 179 W	327	Lamps	35.82	4.50	0.00	151	42.37	4.58	0.00	177
84	180 - 189 W	39	Lamps	36.79	4.50	0.00	19	43.49	4.58	0.00	22
85	190 - 199 W	0	Lamps	37.75	4.50	0.00	0	44.93	4.58	0.00	0
86	200 - 209 W	1,015	Lamps	38.71	4.50	0.00	511	45.74	4.58	0.00	597
87	210 - 219 W	11	Lamps	39.72	4.50	0.00	6	46.94	4.58	0.00	7
88	220 - 229 W	0	Lamps	40.73	4.50	0.00	0	48.44	4.58	0.00	0
89	230 - 239 W	1,043	Lamps	41.74	4.50	0.00	569	49.34	4.58	0.00	665
90	240 - 249 W	86	Lamps	42.75	4.50	0.00	48	50.54	4.58	0.00	56
91	250 - 259 W	29	Lamps	43.78	4.50	0.00	17	51.76	4.58	0.00	19
92	260 - 269 W	18	Lamps	44.79	4.50	0.00	11	52.96	4.58	0.00	12
93	270 - 279 W	0	Lamps	45.80	4.50	0.00	0	54.31	4.58	0.00	0
94	280 - 289 W	1,079	Lamps	46.81	4.50	0.00	664	55.35	4.58	0.00	776
95	290 - 299 W	75	Lamps	47.81	4.50	0.00	47	56.54	4.58	0.00	55
96	300 - 309 W	0	Lamps	48.81	4.50	0.00	0	57.86	4.58	0.00	0
97	310 - 319 W	0	Lamps	49.81	4.50	0.00	0	59.06	4.58	0.00	0
98	320 - 329 W	0	Lamps	50.81	4.50	0.00	0	60.26	4.58	0.00	0
99	330 - 339 W	0	Lamps	51.81	4.50	0.00	0	61.46	4.58	0.00	0
100	340 - 349 W	0	Lamps	52.81	4.50	0.00	0	62.65	4.58	0.00	0
101	350 - 359 W	0	Lamps	53.81	4.50	0.00	0	63.85	4.58	0.00	0
102	360 - 369 W	0	Lamps	54.81	4.50	0.00	0	65.05	4.58	0.00	0
103	370 - 379 W	0	Lamps	55.81	4.50	0.00	0	66.25	4.58	0.00	0
104	380 - 389 W	0	Lamps	56.82	4.50	0.00	0	67.44	4.58	0.00	0
105	390 - 399 W	0	Lamps	57.82	4.50	0.00	0	68.64	4.58	0.00	0
106	Subtotal	73,614	Lamps				27,564				31,845
107											
108	PSCR	34,664	MWh	0			0	$ -			0
109	Early LED Adopter Credit	93,353	Lamps					$ (7.31)			(683)
110	Post Charge	239		81.96			20	$85.44			20
111	Long Span Charge	51,458		$24.48			1,260	$24.48			1,260
112	Multiple Lamp Discount	3,743		($97.92)			(367)	($97.92)			(367)
113	Multiple Lamp Discount - Long Span	0		($122.40)			0	($122.40)			0
114	Two Municipality Discount - Long Span	4,589		($61.20)			(281)	($61.20)			(281)
115	Semi-Ornamental Discount	726		($21.48)			(16)	($21.48)			(16)
116	Multiple Lamp Discount - Semi-Orn.	18		($76.56)			(1)	($76.56)			(1)
117	Subtotal	73,614	Lamps				28,179				31,778
118	IRM	34,664	MWh	0.020049			695	0.020049			695
119	Nuclear Decomm.	34,664	MWh	0.000890			31	0.000890			31
120	Subtotal	73,614	Lamps				**28,904**				**32,504**
121											
122	Energy Optimization	538	Meters	$ 4.91			32	$ 4.91			32
123											
124	**Total E1 - Option 1**	**34,664**	**MWh**				**28,936**				**32,536**
125	Increase/Decrease ($)										3,600

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option II - Municipally Owned

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Line No.	(a) Description	(b) Billing Determinants Quantity	Units	(c) Present Rate ($/luminaire/mth)	(d) Non-Capacity Energy (¢/kWh)	(e) Capacity Energy (¢/kWh)	(f) Revenue ($000)	(g) Proposed Rate ($/luminaire/mth)	(h) Non-Capacity Energy (¢/kWh)	(i) Capacity Energy (¢/kWh)	(j) Revenue ($000)
	Municipally Owned										
1	Mercury Vapor										
2	175 W	0	Lamps	11.03	4.69	0.00	0	0.00	4.75	0.00	0
3	250 W	0	Lamps	15.76	4.69	0.00	0	0.00	4.75	0.00	0
4	400 W	0	Lamps	25.21	4.69	0.00	0	0.00	4.75	0.00	0
5	1,000 W	0	Lamps	63.02	4.69	0.00	0	0.00	4.75	0.00	0
6											
7	High Pressure Sodium Vapor										
8	70 W	0	Lamps	7.59	4.69	0.00	0	0.00	4.75	0.00	0
9	100 W	0	Lamps	9.27	4.69	0.00	0	0.00	4.75	0.00	0
10	250 W	0	Lamps	17.63	4.69	0.00	0	0.00	4.75	0.00	0
11	360 W	0	Lamps	23.76	4.69	0.00	0	0.00	4.75	0.00	0
12	400 W	0	Lamps	25.99	4.69	0.00	0	0.00	4.75	0.00	0
13	1,000 W	0	Lamps	59.45	4.69	0.00	0	0.00	4.75	0.00	0
14											
15	Metal Halide										
16	70 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
17	100 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
18	175 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
19	250 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
20	400 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
21	1,000 W	0	Lamps	0.00	4.69	0.00	0	0.00	0.00	0.00	0.00
22											
23											
24	De-Energized										
25	Mercury Vapor										
26	175 W	0	Lamps	8.69	4.69	0.00	0	0.00	4.75	0.00	0.00
27	250 W	0	Lamps	12.41	4.69	0.00	0	0.00	4.75	0.00	0.00
28	400 W	0	Lamps	19.56	4.69	0.00	0	0.00	4.75	0.00	0.00
29	1,000 W	0	Lamps	48.26	4.69	0.00	0	0.00	4.75	0.00	0.00
30		0									
31	High Pressure Sodium Vapor	0									
32	70 W	0	Lamps	5.49	4.69	0.00	0	0.00	4.75	0.00	0.00
33	100 W	0	Lamps	6.89	4.69	0.00	0	0.00	4.75	0.00	0.00
34	250 W	0	Lamps	13.58	4.69	0.00	0	0.00	4.75	0.00	0.00
35	360 W	0	Lamps	18.38	4.69	0.00	0	0.00	4.75	0.00	0.00
36	400 W	0	Lamps	20.18	4.69	0.00	0	0.00	4.75	0.00	0.00
37	1,000 W	0	Lamps	46.51	4.69	0.00	0	0.00	4.75	0.00	0.00
38											
39	Dusk-Midnight										
40	Mercury Vapor										
41	175 W	0	Lamps	9.17	4.69	0.00	0	0.00	4.75	0.00	0.00
42	250 W	0	Lamps	13.11	4.69	0.00	0	0.00	4.75	0.00	0.00
43	400 W	0	Lamps	20.97	4.69	0.00	0	0.00	4.75	0.00	0.00
44	1,000 W	0	Lamps	52.42	4.69	0.00	0	0.00	4.75	0.00	0.00
45											
46	High Pressure Sodium Vapor										
47	70 W	0	Lamps	6.85	4.69	0.00	0	0.00	4.75	0.00	0.00
48	100 W	0	Lamps	8.21	4.69	0.00	0	0.00	4.75	0.00	0.00
49	250 W	0	Lamps	14.98	4.69	0.00	0	0.00	4.75	0.00	0.00
50	360 W	0	Lamps	19.95	4.69	0.00	0	0.00	4.75	0.00	0.00
51	400 W	0	Lamps	21.75	4.69	0.00	0	0.00	4.75	0.00	0.00
52	1,000 W	0	Lamps	48.85	4.69	0.00	0	0.00	4.75	0.00	0.00
53	Subtotal	0	Lamps				0.00				0.00
54											
55	PSCR	0	MWh	0			0	$ -			0
56	Subtotal	0	Lamps								0
57	IRM	0	MWh	0.020049			0	0.020049			0
58	Nuclear Decommissioning	0	MWh	0.000890			0.00	0.000890			0.00
59	Subtotal	0	Lamps				0.00				0.00
60											
61	Energy Optimization	0	Meters	$ 4.91			0.00	$ 4.91			0.00
62											
63	**Total E1 - Option II**	**0**	**MWh**				**0**				**0**
64	Increase/Decrease ($)										-

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option III - Energy Only

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
Page: 55 of 57

Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
	Energy Only Service	Quantity	Load (kW)	Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
1	Mercury Vapor										
2	100 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
3	175 Watt	94	16	14.85	4.69	0.00	16	15.84	4.75	0.00	17
4	250 Watt	19	5	14.85	4.69	0.00	5	15.84	4.75	0.00	5
5	400 Watt	129	52	14.85	4.69	0.00	48	15.84	4.75	0.00	50
6	1,000 Watt		0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
7											
8	High Pressure Sodium Vapor										
9	70 Watt	256	18	14.85	4.69	0.00	20	15.84	4.75	0.00	21
10	100 Watt	340	34	14.85	4.69	0.00	38	15.84	4.75	0.00	40
11	150 Watt	428	64	14.85	4.69	0.00	70	15.84	4.75	0.00	74
12	250 Watt	919	230	14.85	4.69	0.00	230	15.84	4.75	0.00	242
13	310 Watt	28	9	14.85	4.69	0.00	9	15.84	4.75	0.00	9
14	360 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
15	400 Watt	419	168	14.85	4.69	0.00	160	15.84	4.75	0.00	168
16	1,000 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
17											
18	Metal Halide	0									
19	70 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
20	100 Watt	76	8	14.85	4.69	0.00	7	15.84	4.75	0.00	8
21	150 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
22	175 Watt	119	21	14.85	4.69	0.00	21	15.84	4.75	0.00	22
23	250 Watt	34	9	14.85	4.69	0.00	8	15.84	4.75	0.00	9
24	320 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
25	400 Watt	31	12	14.85	4.69	0.00	12	15.84	4.75	0.00	12
26	1,000 Watt	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
27	Energy Subtotal	2,892	646				643				678
28											
29	LED										
30	10 - 19 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
31	20 - 29 W	17	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
32	30 - 39 W	11,484	402	14.85	4.69	0.00	330	15.84	4.75	0.00	348
33	40 - 49 W	155	7	14.85	4.69	0.00	6	15.84	4.75	0.00	6
34	50 - 59 W	1,484	82	14.85	4.69	0.00	67	15.84	4.75	0.00	71
35	60 - 69 W	851	55	14.85	4.69	0.00	45	15.84	4.75	0.00	48
36	70 - 79 W	1,475	111	14.85	4.69	0.00	91	15.84	4.75	0.00	96
37	80 - 89 W	14,274	1,213	14.85	4.69	0.00	996	15.84	4.75	0.00	1,049
38	90 - 99 W	204	19	14.85	4.69	0.00	16	15.84	4.75	0.00	17
39	100 - 109 W	15,201	1,596	14.85	4.69	0.00	1,310	15.84	4.75	0.00	1,380
40	110 - 119 W	14,511	1,669	14.85	4.69	0.00	1,370	15.84	4.75	0.00	1,443
41	120 - 129 W	1,062	133	14.85	4.69	0.00	109	15.84	4.75	0.00	115
42	130 - 139 W	8,013	1,082	14.85	4.69	0.00	888	15.84	4.75	0.00	935
43	140 - 149 W	4	1	14.85	4.69	0.00	0	15.84	4.75	0.00	1
44	150 - 159 W	1,210	188	14.85	4.69	0.00	154	15.84	4.75	0.00	162
45	160 - 169 W	457	75	14.85	4.69	0.00	62	15.84	4.75	0.00	65
46	170 - 179 W	93	16	14.85	4.69	0.00	13	15.84	4.75	0.00	14
47	180 - 189 W	87	16	14.85	4.69	0.00	13	15.84	4.75	0.00	14
48	190 - 199 W	22	4	14.85	4.69	0.00	4	15.84	4.75	0.00	4
49	200 - 209 W	190	39	14.85	4.69	0.00	32	15.84	4.75	0.00	34
50	210 - 219 W	2,980	641	14.85	4.69	0.00	526	15.84	4.75	0.00	554
51	220 - 229 W	268	60	14.85	4.69	0.00	49	15.84	4.75	0.00	52
52	230 - 239 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
53	240 - 249 W	1	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
54	250 - 259 W	174	44	14.85	4.69	0.00	36	15.84	4.75	0.00	38
55	260 - 269 W	4,271	1,132	14.85	4.69	0.00	929	15.84	4.75	0.00	979
56	270 - 279 W	271	75	14.85	4.69	0.00	61	15.84	4.75	0.00	64

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Municipal Street Lighting - E1 Option III - Energy Only (Cont'd)

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
	Energy Only Service	Quantity	Load (kW)	Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
57	LED										
58	280 - 289 W	13	4	14.85	4.69	0.00	3	15.84	4.75	0.00	3
59	290 - 299 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
60	300 - 309 W	5	2	14.85	4.69	0.00	1	15.84	4.75	0.00	1
61	310 - 319 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
62	320 - 329 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
63	330 - 339 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
64	340 - 349 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
65	350 - 359 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
66	360 - 369 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
67	370 - 379 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
68	380 - 389 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
69	390 - 399 W	0	0	14.85	4.69	0.00	0	15.84	4.75	0.00	0
70	LED Subtotal	78,777	8,666				7,111				7,493
71											
72	PSCR	39,685	MWh	0			0	$ -			0
73	Subtotal	81,669					7,754				8,171
74	IRM	39,685	MWh	0.020049			796	0.020049			796
75	Nuclear Decommissioning	39,685	MWh	0.000890			35	0.000890			35
76	Subtotal	39,685	MWh				8,585				9,002
77											
78	Energy Optimization	33	Meters	$ 4.91			1.94	$ 4.91			1.94
79											
80	**Total E1 - Option III**	**39,685**	**MWh**				**8,587**				**9,004**
81	Increase/Decrease ($)										416
	Total E1 - Options I, II and III	**111,915**	**MWh**				**67,639**				**72,910**

Michigan Public Service Commission
DTE Electric Company
Staff Present and Proposed Revenue
Traffic & Signal Lights - E2

Case No.: U-22046
Exhibit: S-6
Schedule: F3
Witness: D. W. Isakson
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Line No.	(a) Description	(b) Billing Determinants		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Present				Proposed			
		Load kW		Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)	Dist Energy (¢/kWh)	Non-Capacity Energy (¢/kWh)	Capacity Energy (¢/kWh)	Revenue ($000)
1	Connected Load	81,702									
2	Energy Charge	59,642	MWh	3.34	5.05	1.46	$ 5,875	3.34	5.05	1.60	5,956
3	IRM	59,642	MWh	0.001119			$ 67	0.001119			67
4	Nuclear Decommissioning	59,642	MWh	0.000890			53	0.000890			53
5	Subtotal	59,642	MWh				**5,995**				**6,076**
6											
7	PSCR	59,642	MWh	$ -			0	$ -			0
8	Energy Optimization	143	Meters	$ 4.91			8	$ 4.91			8
9							0				0
10	**Total E2**	**59,642**	**MWh**				**6,003**				**6,085**
11	Increase/Decrease ($)										82

DTE Electric Company
Case No. U-22046
Typical Bill Comparisons by Rate Schedule

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Non-Transmitting Meter - D1

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge	$0.05842	Non-Capacity Charge	$0.05891
Capacity Charges:		Capacity Charges:	
First 17 KWH/Day	$0.02940	First 17 KWH/Day	$0.03275
Excess	$0.04239	Excess	$0.04722
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00	REPS	$0.00
Service Charge	$8.50	Service Charge:	$8.50
Distribution Charge:	$0.09726	Distribution Charge:	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$29.42	$30.46	$1.04	3.53%	30.46¢
2	120	$33.30	$34.55	$1.25	3.74%	28.79¢
3	140	$37.19	$38.64	$1.45	3.91%	27.60¢
4	160	$41.07	$42.73	$1.66	4.04%	26.71¢
5	180	$44.96	$46.82	$1.87	4.16%	26.01¢
6	200	$48.84	$50.92	$2.08	4.25%	25.46¢
7	240	$56.61	$59.10	$2.49	4.40%	24.62¢
8	280	$64.38	$67.28	$2.91	4.51%	24.03¢
9	300	$68.26	$71.37	$3.11	4.56%	23.79¢
10	350	$77.97	$81.60	$3.63	4.66%	23.32¢
11	400	$87.68	$91.83	$4.15	4.74%	22.96¢
12	450	$97.39	$102.06	$4.67	4.80%	22.68¢
13	500	$107.10	$112.29	$5.19	4.85%	22.46¢
14	550	$117.33	$123.10	$5.77	4.92%	22.38¢
15	600	$127.69	$134.05	$6.36	4.98%	22.34¢
16	650	$138.05	$145.00	$6.95	5.04%	22.31¢
17	700	$148.41	$155.96	$7.55	5.09%	22.28¢
18	750	$158.77	$166.91	$8.14	5.13%	22.25¢
19	800	$169.13	$177.86	$8.73	5.16%	22.23¢
20	850	$179.49	$188.81	$9.33	5.20%	22.21¢
21	900	$189.85	$199.77	$9.92	5.22%	22.20¢
22	950	$200.21	$210.72	$10.51	5.25%	22.18¢
23	1,000	$210.57	$221.67	$11.11	5.27%	22.17¢
24	1,100	$231.29	$243.58	$12.29	5.31%	22.14¢
25	1,200	$252.00	$265.48	$13.48	5.35%	22.12¢
26	1,300	$272.72	$287.39	$14.66	5.38%	22.11¢
27	1,400	$293.44	$309.29	$15.85	5.40%	22.09¢
28	1,500	$314.16	$331.20	$17.04	5.42%	22.08¢
29	2,000	$417.76	$440.72	$22.97	5.50%	22.04¢
30	2,750	$573.15	$605.01	$31.86	5.56%	22.00¢
31	4,000	$832.14	$878.83	$46.69	5.61%	21.97¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Space-Conditioning Service Rate - D1.1 Residential
June thru September

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 3 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non Capacity Charge	$0.04535	Non Capacity Charge	
		June-Sept On Peak	$0.10245
		June-Sept Off Peak	$0.05370
Capacity Charge	$0.02832	Capacity Charge	
		June-Sept On Peak	$0.06831
		June-Sept Off Peak	$0.03581
		Credit	($0.04700)
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
Distribution Charges:		Distribution Charges:	
Service Charge:	$1.95	Service Charge:	$1.95
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$19.96	$19.23	-$0.72	-3.63%	19.23¢
2	120	$23.56	$22.69	-$0.87	-3.69%	18.91¢
3	140	$27.16	$26.14	-$1.01	-3.73%	18.67¢
4	160	$30.76	$29.60	-$1.16	-3.76%	18.50¢
5	180	$34.36	$33.06	-$1.30	-3.79%	18.36¢
6	200	$37.96	$36.51	-$1.45	-3.81%	18.26¢
7	240	$45.16	$43.43	-$1.74	-3.85%	18.09¢
8	280	$52.36	$50.34	-$2.03	-3.87%	17.98¢
9	300	$55.97	$53.79	-$2.17	-3.88%	17.93¢
10	350	$64.97	$62.44	-$2.53	-3.90%	17.84¢
11	400	$73.97	$71.08	-$2.89	-3.91%	17.77¢
12	450	$82.97	$79.72	-$3.26	-3.92%	17.71¢
13	500	$91.98	$88.36	-$3.62	-3.93%	17.67¢
14	550	$100.98	$97.00	-$3.98	-3.94%	17.64¢
15	600	$109.98	$105.64	-$4.34	-3.95%	17.61¢
16	650	$118.98	$114.28	-$4.70	-3.95%	17.58¢
17	700	$127.99	$122.92	-$5.07	-3.96%	17.56¢
18	750	$136.99	$131.56	-$5.43	-3.96%	17.54¢
19	800	$145.99	$140.20	-$5.79	-3.97%	17.53¢
20	850	$154.99	$148.84	-$6.15	-3.97%	17.51¢
21	900	$164.00	$157.48	-$6.51	-3.97%	17.50¢
22	950	$173.00	$166.12	-$6.88	-3.97%	17.49¢
23	1,000	$182.00	$174.76	-$7.24	-3.98%	17.48¢
24	1,100	$200.01	$192.05	-$7.96	-3.98%	17.46¢
25	1,200	$218.01	$209.33	-$8.68	-3.98%	17.44¢
26	1,300	$236.02	$226.61	-$9.41	-3.99%	17.43¢
27	1,400	$254.02	$243.89	-$10.13	-3.99%	17.42¢
28	1,500	$272.03	$261.17	-$10.86	-3.99%	17.41¢
29	2,000	$362.05	$347.58	-$14.47	-4.00%	17.38¢
30	3,000	$542.10	$520.39	-$21.71	-4.00%	17.35¢
31	4,000	$722.16	$693.21	-$28.95	-4.01%	17.33¢

* Present D1.1 Rates shown apply June-October

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Space-Conditioning Service Rate - D1.1 Residential
October thru May*

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non Capacity Charge	$0.04535	Non Capacity Charge	
		Oct-May On Peak	$0.06647
		Oct-May Off Peak	$0.05370
Capacity Charge	$0.00702	Capacity Charge	
		Oct-May On Peak	$0.04432
		Oct-May Off Peak	$0.03581
		Credit	$0.00000
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
Distribution Charges:		Distribution Charges:	
Service Charge:	$0.00	Service Charge:	$1.95
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$15.88	$22.61	$6.74	42.43%	22.61¢
2	120	$19.05	$26.74	$7.69	40.38%	22.29¢
3	140	$22.23	$30.87	$8.65	38.92%	22.05¢
4	160	$25.40	$35.01	$9.61	37.82%	21.88¢
5	180	$28.58	$39.14	$10.56	36.97%	21.74¢
6	200	$31.75	$43.27	$11.52	36.28%	21.64¢
7	240	$38.10	$51.53	$13.43	35.26%	21.47¢
8	280	$44.45	$59.80	$15.35	34.53%	21.36¢
9	300	$47.63	$63.93	$16.31	34.24%	21.31¢
10	350	$55.56	$74.26	$18.70	33.65%	21.22¢
11	400	$63.50	$84.59	$21.09	33.21%	21.15¢
12	450	$71.44	$94.92	$23.48	32.87%	21.09¢
13	500	$79.38	$105.25	$25.88	32.60%	21.05¢
14	550	$87.31	$115.58	$28.27	32.38%	21.01¢
15	600	$95.25	$125.91	$30.66	32.19%	20.99¢
16	650	$103.19	$136.24	$33.05	32.03%	20.96¢
17	700	$111.13	$146.57	$35.45	31.90%	20.94¢
18	750	$119.06	$156.90	$37.84	31.78%	20.92¢
19	800	$127.00	$167.23	$40.23	31.68%	20.90¢
20	850	$134.94	$177.56	$42.62	31.59%	20.89¢
21	900	$142.88	$187.89	$45.02	31.51%	20.88¢
22	950	$150.81	$198.22	$47.41	31.44%	20.87¢
23	1,000	$158.75	$208.55	$49.80	31.37%	20.86¢
24	1,100	$174.63	$229.21	$54.59	31.26%	20.84¢
25	1,200	$190.50	$249.87	$59.37	31.17%	20.82¢
26	1,300	$206.38	$270.53	$64.16	31.09%	20.81¢
27	1,400	$222.25	$291.19	$68.94	31.02%	20.80¢
28	1,500	$238.13	$311.85	$73.73	30.96%	20.79¢
29	2,000	$317.50	$415.16	$97.65	30.76%	20.76¢
30	3,000	$476.25	$621.76	$145.50	30.55%	20.73¢
31	4,000	$635.01	$828.36	$193.36	30.45%	20.71¢

* Present D1.1 Rates shown apply November-May

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Enhanced TOU - D1.2
June thru October

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
On-Peak Energy Rate:	$0.11526	On-Peak Energy Rate:	$0.11880
Off-Peak Energy Rate:	$0.03881	Off-Peak Energy Rate:	$0.04000
Capacity Charges:		Capacity Charges:	
On-Peak Energy Rate:	$0.04677	On-Peak Energy Rate:	$0.05643
Off-Peak Energy Rate:	$0.01575	Off-Peak Energy Rate:	$0.01900
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00	REPS	$0.00
Distribution Charges:		Distribution Charges:	
Service Charge:	$8.50	Service Charge:	$8.50
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	On-Peak	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	20%	$28.24	$29.52	$1.27	4.51%	29.52¢
2	100	25%	$28.78	$30.10	$1.32	4.58%	30.10¢
3	100	30%	$29.32	$30.68	$1.36	4.64%	30.68¢
4							
5	200	20%	$46.49	$49.03	$2.55	5.48%	24.52¢
6	200	25%	$47.56	$50.20	$2.63	5.54%	25.10¢
7	200	30%	$48.64	$51.36	$2.72	5.60%	25.68¢
8							
9	300	20%	$64.73	$68.55	$3.82	5.90%	22.85¢
10	300	25%	$66.34	$70.29	$3.95	5.96%	23.43¢
11	300	30%	$67.95	$72.04	$4.08	6.01%	24.01¢
12							
13	400	20%	$82.97	$88.07	$5.09	6.14%	22.02¢
14	400	25%	$85.12	$90.39	$5.27	6.19%	22.60¢
15	400	30%	$87.27	$92.72	$5.44	6.24%	23.18¢
16							
17	500	20%	$101.22	$107.58	$6.37	6.29%	21.52¢
18	500	25%	$103.90	$110.49	$6.58	6.34%	22.10¢
19	500	30%	$106.59	$113.40	$6.80	6.38%	22.68¢
20							
21	600	20%	$119.46	$127.10	$7.64	6.39%	21.18¢
22	600	25%	$122.69	$130.59	$7.90	6.44%	21.76¢
23	600	30%	$125.91	$134.07	$8.16	6.48%	22.35¢
24							
25	700	20%	$137.70	$146.62	$8.91	6.47%	20.95¢
26	700	25%	$141.47	$150.69	$9.22	6.52%	21.53¢
27	700	30%	$145.23	$154.75	$9.53	6.56%	22.11¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Enhanced TOU - D1.2
June thru October

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Line No.	(a) Monthly kWh Use	(b) On-Peak Use	(c) Present Net Monthly Bill	(d) Proposed Net Monthly Bill	(e) Increase Amount	(f) Increase Percent	(g) Proposed Unit Cost
28	800	20%	$155.95	$166.13	$10.19	6.53%	20.77¢
29	800	25%	$160.25	$170.78	$10.54	6.57%	21.35¢
30	800	30%	$164.55	$175.43	$10.89	6.62%	21.93¢
31							
32	1,000	20%	$192.44	$205.17	$12.73	6.62%	20.52¢
33	1,000	25%	$197.81	$210.98	$13.17	6.66%	21.10¢
34	1,000	30%	$203.18	$216.79	$13.61	6.70%	21.68¢
35							
36	1,100	20%	$210.68	$224.68	$14.01	6.65%	20.43¢
37	1,100	25%	$216.59	$231.08	$14.49	6.69%	21.01¢
38	1,100	30%	$222.50	$237.47	$14.97	6.73%	21.59¢
39							
40	1,200	20%	$228.92	$244.20	$15.28	6.67%	20.35¢
41	1,200	25%	$235.37	$251.17	$15.80	6.71%	20.93¢
42	1,200	30%	$241.82	$258.15	$16.33	6.75%	21.51¢
43							
44	1,300	20%	$247.17	$263.72	$16.55	6.70%	20.29¢
45	1,300	25%	$254.15	$271.27	$17.12	6.74%	20.87¢
46	1,300	30%	$261.14	$278.83	$17.69	6.77%	21.45¢
47							
48	1,400	20%	$265.41	$283.23	$17.82	6.72%	20.23¢
49	1,400	25%	$272.93	$291.37	$18.44	6.76%	20.81¢
50	1,400	30%	$280.46	$299.51	$19.05	6.79%	21.39¢
51							
52	1,500	20%	$283.65	$302.75	$19.10	6.73%	20.18¢
53	1,500	25%	$291.71	$311.47	$19.76	6.77%	20.76¢
54	1,500	30%	$299.77	$320.19	$20.41	6.81%	21.35¢
55							
56	2,000	20%	$374.87	$400.33	$25.46	6.79%	20.02¢
57	2,000	25%	$385.62	$411.96	$26.34	6.83%	20.60¢
58	2,000	30%	$396.36	$423.58	$27.22	6.87%	21.18¢
59							
60	3,000	20%	$557.31	$595.50	$38.20	6.85%	19.85¢
61	3,000	25%	$573.43	$612.94	$39.51	6.89%	20.43¢
62	3,000	30%	$589.55	$630.37	$40.82	6.92%	21.01¢
63							
64	4,000	20%	$739.74	$790.67	$50.93	6.88%	19.77¢
65	4,000	25%	$761.24	$813.92	$52.68	6.92%	20.35¢
66	4,000	30%	$782.73	$837.16	$54.43	6.95%	20.93¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Enhanced TOU - D1.2
November thru May

Case No.: U-22046
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
On-Peak Energy Rate:	$0.09736	On-Peak Energy Rate:	$0.10036
Off-Peak Energy Rate:	$0.03728	Off-Peak Energy Rate:	$0.03843
Capacity Charges:		Capacity Charges:	
On-Peak Energy Rate:	$0.03951	On-Peak Energy Rate:	$0.04767
Off-Peak Energy Rate:	$0.01513	Off-Peak Energy Rate:	$0.01825
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00	REPS	$0.00
Distribution Charges:		Distribution Charges:	
Service Charge:	$8.50	Service Charge:	$8.50
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	On-Peak	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	20%	$27.57	$28.79	$1.22	4.42%	28.79¢
2	100	25%	$27.99	$29.24	$1.25	4.48%	29.24¢
3	100	30%	$28.41	$29.70	$1.29	4.53%	29.70¢
4							
5	200	20%	$45.14	$47.57	$2.44	5.40%	23.79¢
6	200	25%	$45.98	$48.49	$2.51	5.45%	24.24¢
7	200	30%	$46.83	$49.40	$2.58	5.50%	24.70¢
8							
9	300	20%	$62.71	$66.36	$3.66	5.83%	22.12¢
10	300	25%	$63.97	$67.73	$3.76	5.88%	22.58¢
11	300	30%	$65.24	$69.10	$3.86	5.92%	23.03¢
12							
13	400	20%	$80.27	$85.15	$4.88	6.07%	21.29¢
14	400	25%	$81.96	$86.98	$5.01	6.12%	21.74¢
15	400	30%	$83.65	$88.80	$5.15	6.16%	22.20¢
16							
17	500	20%	$97.84	$103.94	$6.09	6.23%	20.79¢
18	500	25%	$99.95	$106.22	$6.27	6.27%	21.24¢
19	500	30%	$102.06	$108.50	$6.44	6.31%	21.70¢
20							
21	600	20%	$115.41	$122.72	$7.31	6.34%	20.45¢
22	600	25%	$117.94	$125.46	$7.52	6.38%	20.91¢
23	600	30%	$120.48	$128.20	$7.73	6.41%	21.37¢
24							
25	700	20%	$132.98	$141.51	$8.53	6.42%	20.22¢
26	700	25%	$135.93	$144.71	$8.77	6.45%	20.67¢
27	700	30%	$138.89	$147.90	$9.01	6.49%	21.13¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Enhanced TOU - D1.2
November thru May

Case No.: U-22046
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Line No.	(a) Monthly kWh Use	(b) On-Peak Use	(c) Present Net Monthly Bill	(d) Proposed Net Monthly Bill	(e) Increase Amount	(f) Increase Percent	(g) Proposed Unit Cost
28	800	20%	$150.55	$160.30	$9.75	6.48%	20.04¢
29	800	25%	$153.93	$163.95	$10.03	6.51%	20.49¢
30	800	30%	$157.30	$167.61	$10.30	6.55%	20.95¢
31							
32	1,000	20%	$185.68	$197.87	$12.19	6.56%	19.79¢
33	1,000	25%	$189.91	$202.44	$12.53	6.60%	20.24¢
34	1,000	30%	$194.13	$207.01	$12.88	6.63%	20.70¢
35							
36	1,100	20%	$203.25	$216.66	$13.41	6.60%	19.70¢
37	1,100	25%	$207.90	$221.68	$13.79	6.63%	20.15¢
38	1,100	30%	$212.54	$226.71	$14.16	6.66%	20.61¢
39							
40	1,200	20%	$220.82	$235.45	$14.63	6.62%	19.62¢
41	1,200	25%	$225.89	$240.93	$15.04	6.66%	20.08¢
42	1,200	30%	$230.96	$246.41	$15.45	6.69%	20.53¢
43							
44	1,300	20%	$238.39	$254.23	$15.84	6.65%	19.56¢
45	1,300	25%	$243.88	$260.17	$16.29	6.68%	20.01¢
46	1,300	30%	$249.37	$266.11	$16.74	6.71%	20.47¢
47							
48	1,400	20%	$255.96	$273.02	$17.06	6.67%	19.50¢
49	1,400	25%	$261.87	$279.41	$17.55	6.70%	19.96¢
50	1,400	30%	$267.78	$285.81	$18.03	6.73%	20.41¢
51							
52	1,500	20%	$273.53	$291.81	$18.28	6.68%	19.45¢
53	1,500	25%	$279.86	$298.66	$18.80	6.72%	19.91¢
54	1,500	30%	$286.19	$305.51	$19.32	6.75%	20.37¢
55							
56	2,000	20%	$361.37	$385.74	$24.38	6.75%	19.29¢
57	2,000	25%	$369.81	$394.88	$25.07	6.78%	19.74¢
58	2,000	30%	$378.26	$404.01	$25.75	6.81%	20.20¢
59							
60	3,000	20%	$537.05	$573.61	$36.56	6.81%	19.12
61	3,000	25%	$549.72	$587.32	$37.60	6.84%	19.58
62	3,000	30%	$562.39	$601.02	$38.63	6.87%	20.03
63							
64	4,000	20%	$712.73	$761.49	$48.75	6.84%	19.04
65	4,000	25%	$729.63	$779.76	$50.13	6.87%	19.49
66	4,000	30%	$746.52	$798.03	$51.51	6.90%	19.95

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Geothermal Time of Day Rate - D1.7 Residential
June thru September

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges		Power Supply Charges	
Non-Capacity Charge:		Non-Capacity Charge:	
On-Peak Energy Rate	$0.08677	On-Peak Energy Rate	$0.08733
Off-Peak Energy Rate	$0.02874	Off-Peak Energy Rate	$0.02893
Capacity Charges:		Capacity Charges:	
On-Peak Energy Rate	$0.05140	On-Peak Energy Rate	$0.05744
Off-Peak Energy Rate	$0.01703	Off-Peak Energy Rate	$0.01903
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
Distribution Charges		Distribution Charges	
Service Charge	$2.01	Service Charge	$2.01
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	On-Peak	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	20%	$19.07	$20.03	$0.96	5.04%	20.03¢
2	100	25%	$19.54	$20.52	$0.98	5.03%	20.52¢
3	100	30%	$20.00	$21.00	$1.01	5.03%	21.00¢
4							
5	200	20%	$36.14	$38.06	$1.92	5.32%	19.03¢
6	200	25%	$37.06	$39.03	$1.97	5.31%	19.51¢
7	200	30%	$37.98	$39.99	$2.01	5.29%	20.00¢
8							
9	300	20%	$53.20	$56.08	$2.88	5.42%	18.69¢
10	300	25%	$54.59	$57.54	$2.95	5.40%	19.18¢
11	300	30%	$55.97	$58.99	$3.02	5.39%	19.66¢
12							
13	400	20%	$70.26	$74.11	$3.84	5.47%	18.53¢
14	400	25%	$72.11	$76.04	$3.93	5.45%	19.01¢
15	400	30%	$73.96	$77.98	$4.02	5.44%	19.49¢
16							
17	500	20%	$87.33	$92.13	$4.81	5.50%	18.43¢
18	500	25%	$89.64	$94.55	$4.92	5.48%	18.91¢
19	500	30%	$91.95	$96.97	$5.03	5.47%	19.39¢
20							
21	600	20%	$104.39	$110.16	$5.77	5.52%	18.36¢
22	600	25%	$107.16	$113.06	$5.90	5.51%	18.84¢
23	600	30%	$109.93	$115.96	$6.03	5.49%	19.33¢
24							
25	700	20%	$121.45	$128.18	$6.73	5.54%	18.31¢
26	700	25%	$124.69	$131.57	$6.88	5.52%	18.80¢
27	700	30%	$127.92	$134.96	$7.04	5.50%	19.28¢
28							
29	800	20%	$138.52	$146.20	$7.69	5.55%	18.28¢
30	800	25%	$142.21	$150.08	$7.87	5.53%	18.76¢
31	800	30%	$145.91	$153.95	$8.04	5.51%	19.24¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Geothermal Time of Day Rate - D1.7 Residential
June thru September

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Line No.	(a) Monthly kWh Use	(b) On-Peak Use	(c) Present Net Monthly Bill	(d) Proposed Net Monthly Bill	(e) Increase Amount	(f) Increase Percent	(g) Proposed Unit Cost
32	1,000	20%	$172.64	$182.25	$9.61	5.57%	18.23¢
33	1,000	25%	$177.26	$187.09	$9.83	5.55%	18.71¢
34	1,000	30%	$181.88	$191.93	$10.05	5.53%	19.19¢
35							
36	1,100	20%	$189.70	$200.28	$10.57	5.57%	18.21¢
37	1,100	25%	$194.79	$205.60	$10.82	5.55%	18.69¢
38	1,100	30%	$199.87	$210.93	$11.06	5.53%	19.18¢
39							
40	1,200	20%	$206.77	$218.30	$11.53	5.58%	18.19¢
41	1,200	25%	$212.31	$224.11	$11.80	5.56%	18.68¢
42	1,200	30%	$217.86	$229.92	$12.06	5.54%	19.16¢
43							
44	1,300	20%	$223.83	$236.33	$12.50	5.58%	18.18¢
45	1,300	25%	$229.84	$242.62	$12.78	5.56%	18.66¢
46	1,300	30%	$235.84	$248.91	$13.07	5.54%	19.15¢
47							
48	1,400	20%	$240.89	$254.35	$13.46	5.59%	18.17¢
49	1,400	25%	$247.36	$261.13	$13.77	5.56%	18.65¢
50	1,400	30%	$253.83	$267.90	$14.07	5.54%	19.14¢
51							
52	1,500	20%	$257.96	$272.38	$14.42	5.59%	18.16¢
53	1,500	25%	$264.89	$279.64	$14.75	5.57%	18.64¢
54	1,500	30%	$271.82	$286.90	$15.08	5.55%	19.13¢
55							
56	2,000	20%	$343.27	$362.50	$19.22	5.60%	18.12¢
57	2,000	25%	$352.51	$372.18	$19.67	5.58%	18.61¢
58	2,000	30%	$361.75	$381.86	$20.11	5.56%	19.09¢
59							
60	3,000	20%	$513.90	$542.74	$28.84	5.61%	18.09¢
61	3,000	25%	$527.76	$557.26	$29.50	5.59%	18.58¢
62	3,000	30%	$541.62	$571.78	$30.16	5.57%	19.06¢
63							
64	4,000	20%	$684.54	$722.98	$38.45	5.62%	18.07¢
65	4,000	25%	$703.02	$742.35	$39.33	5.59%	18.56¢
66	4,000	30%	$721.50	$761.71	$40.21	5.57%	19.04¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Geothermal Time of Day Rate - D1.7 Residential
October thru May

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Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges		Power Supply Charges	
Non-Capacity Charge:		Non-Capacity Charge:	
On-Peak Energy Rate	$0.03749	On-Peak Energy Rate	$0.03773
Off-Peak Energy Rate	$0.02946	Off-Peak Energy Rate	$0.02965
Capacity Charges:		Capacity Charges:	
On-Peak Energy Rate	$0.02221	On-Peak Energy Rate	$0.02482
Off-Peak Energy Rate	$0.01745	Off-Peak Energy Rate	$0.01950
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
Distribution Charges		Distribution Charges	
Service Charge	$2.01	Service Charge	$2.01
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	On-Peak	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	20%	$17.59	$18.49	$0.89	5.06%	18.49¢
2	100	25%	$17.66	$18.55	$0.89	5.06%	18.55¢
3	100	30%	$17.72	$18.62	$0.90	5.06%	18.62¢
4							
5	200	20%	$33.18	$34.96	$1.78	5.37%	17.48¢
6	200	25%	$33.31	$35.09	$1.79	5.36%	17.55¢
7	200	30%	$33.44	$35.23	$1.79	5.36%	17.61¢
8							
9	300	20%	$48.76	$51.44	$2.67	5.48%	17.15¢
10	300	25%	$48.96	$51.64	$2.68	5.47%	17.21¢
11	300	30%	$49.15	$51.84	$2.69	5.47%	17.28¢
12							
13	400	20%	$64.35	$67.91	$3.56	5.53%	16.98¢
14	400	25%	$64.61	$68.18	$3.57	5.53%	17.04¢
15	400	30%	$64.86	$68.45	$3.59	5.53%	17.11¢
16							
17	500	20%	$79.93	$84.39	$4.45	5.57%	16.88¢
18	500	25%	$80.25	$84.72	$4.47	5.57%	16.94¢
19	500	30%	$80.57	$85.06	$4.48	5.56%	17.01¢
20							
21	600	20%	$95.52	$100.86	$5.34	5.59%	16.81¢
22	600	25%	$95.90	$101.26	$5.36	5.59%	16.88¢
23	600	30%	$96.29	$101.66	$5.38	5.59%	16.94¢
24							
25	700	20%	$111.10	$117.34	$6.23	5.61%	16.76¢
26	700	25%	$111.55	$117.81	$6.25	5.61%	16.83¢
27	700	30%	$112.00	$118.27	$6.27	5.60%	16.90¢
28							
29	800	20%	$126.69	$133.81	$7.12	5.62%	16.73¢
30	800	25%	$127.20	$134.35	$7.15	5.62%	16.79¢
31	800	30%	$127.71	$134.88	$7.17	5.61%	16.86¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Geothermal Time of Day Rate - D1.7 Residential
October thru May

Case No.: U-22046
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Witness: N.C.Rademacher

Line No.	(a) Monthly kWh Use	(b) On-Peak Use	(c) Present Net Monthly Bill	(d) Proposed Net Monthly Bill	(e) Increase Amount	(f) Increase Percent	(g) Proposed Unit Cost
32	1,000	20%	$157.86	$166.76	$8.90	5.64%	16.68¢
33	1,000	25%	$158.50	$167.43	$8.93	5.64%	16.74¢
34	1,000	30%	$159.14	$168.10	$8.96	5.63%	16.81¢
35							
36	1,100	20%	$173.44	$183.24	$9.79	5.65%	16.66¢
37	1,100	25%	$174.15	$183.97	$9.83	5.64%	16.72¢
38	1,100	30%	$174.85	$184.71	$9.86	5.64%	16.79¢
39							
40	1,200	20%	$189.03	$199.71	$10.68	5.65%	16.64¢
41	1,200	25%	$189.80	$200.52	$10.72	5.65%	16.71¢
42	1,200	30%	$190.56	$201.32	$10.76	5.64%	16.78¢
43							
44	1,300	20%	$204.61	$216.19	$11.57	5.66%	16.63¢
45	1,300	25%	$205.45	$217.06	$11.61	5.65%	16.70¢
46	1,300	30%	$206.28	$217.93	$11.65	5.65%	16.76¢
47							
48	1,400	20%	$220.20	$232.66	$12.46	5.66%	16.62¢
49	1,400	25%	$221.09	$233.60	$12.51	5.66%	16.69¢
50	1,400	30%	$221.99	$234.54	$12.55	5.65%	16.75¢
51							
52	1,500	20%	$235.78	$249.14	$13.35	5.66%	16.61¢
53	1,500	25%	$236.74	$250.14	$13.40	5.66%	16.68¢
54	1,500	30%	$237.70	$251.15	$13.44	5.66%	16.74¢
55							
56	2,000	20%	$313.71	$331.51	$17.80	5.68%	16.58¢
57	2,000	25%	$314.99	$332.85	$17.87	5.67%	16.64¢
58	2,000	30%	$316.27	$334.19	$17.93	5.67%	16.71¢
59							
60	3,000	20%	$469.56	$496.26	$26.71	5.69%	16.54¢
61	3,000	25%	$471.48	$498.27	$26.80	5.68%	16.61¢
62	3,000	30%	$473.40	$500.28	$26.89	5.68%	16.68¢
63							
64	4,000	20%	$625.41	$661.02	$35.61	5.69%	16.53¢
65	4,000	25%	$627.97	$663.70	$35.73	5.69%	16.59¢
66	4,000	30%	$630.52	$666.38	$35.85	5.69%	16.66¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Dynamic Peak Pricing - D1.8

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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges		Power Supply Charges	
Non-Capacity Charge:		Non-Capacity Charge:	
Off-Peak Energy Rate	$0.02878	Off-Peak Energy Rate	$0.02897
Mid-Peak Energy Rate	$0.05579	Mid-Peak Energy Rate	$0.05615
On-Peak Energy Rate	$0.10800	On-Peak Energy Rate	$0.10870
Critical Peak Rate	$0.10800	Critical Peak Rate	$0.10870
Capacity Charges:		Capacity Charges:	
Off-Peak Energy Rate	$0.01705	Off-Peak Energy Rate	$0.01905
Mid-Peak Energy Rate	$0.03305	Mid-Peak Energy Rate	$0.03693
On-Peak Energy Rate	$0.06398	On-Peak Energy Rate	$0.07150
Critical Peak Rate	$0.84200	Critical Peak Rate	$0.84130
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
REPS	$0.00	REPS	$0.00
Distribution Charges		Distribution Charges	
Service Charge	$8.50	Service Charge	$8.50
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$28.23	$29.25	$1.02	3.60%	29.25¢
2	120	$31.88	$33.10	$1.22	3.83%	27.58¢
3	160	$39.17	$40.80	$1.63	4.15%	25.50¢
4	180	$42.82	$44.65	$1.83	4.27%	24.81¢
5	200	$46.47	$48.50	$2.03	4.38%	24.25¢
6	240	$53.76	$56.20	$2.44	4.54%	23.42¢
7	280	$61.05	$63.90	$2.85	4.66%	22.82¢
8	300	$64.70	$67.75	$3.05	4.71%	22.58¢
9	350	$73.82	$77.37	$3.56	4.82%	22.11¢
10	400	$82.93	$87.00	$4.07	4.90%	21.75¢
11	450	$92.05	$96.62	$4.58	4.97%	21.47¢
12	500	$101.17	$106.25	$5.08	5.03%	21.25¢
13	550	$110.28	$115.87	$5.59	5.07%	21.07¢
14	600	$119.40	$125.50	$6.10	5.11%	20.92¢
15	650	$128.52	$135.12	$6.61	5.14%	20.79¢
16	700	$137.63	$144.75	$7.12	5.17%	20.68¢
17	750	$146.75	$154.37	$7.63	5.20%	20.58¢
18	800	$155.86	$164.00	$8.13	5.22%	20.50¢
19	850	$164.98	$173.62	$8.64	5.24%	20.43¢
20	900	$174.10	$183.25	$9.15	5.26%	20.36¢
21	950	$183.21	$192.87	$9.66	5.27%	20.30¢
22	1,000	$192.33	$202.50	$10.17	5.29%	20.25¢
23	1,100	$210.56	$221.75	$11.18	5.31%	20.16¢
24	1,200	$228.80	$241.00	$12.20	5.33%	20.08¢
25	1,300	$247.03	$260.25	$13.22	5.35%	20.02¢
26	1,400	$265.26	$279.50	$14.23	5.37%	19.96¢
27	1,500	$283.50	$298.75	$15.25	5.38%	19.92¢
28	2,000	$374.66	$395.00	$20.34	5.43%	19.75¢
29	3,000	$556.99	$587.50	$30.50	5.48%	19.58¢
30	4,000	$739.32	$780.00	$40.67	5.50%	19.50¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Electric Vehicle Rate - D1.9

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Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges		Power Supply Charges	
Non-Capacity Charges		Non-Capacity Charges	
On-Peak Energy Rate	$0.10904	On-Peak Energy Rate	$0.10974
Off-Peak Energy Rate	$0.02725	Off-Peak Energy Rate	$0.02742
Capacity Charges:		Capacity Charges:	
On-Peak Energy Rate	$0.06455	On-Peak Energy Rate	$0.07214
Off-Peak Energy Rate	$0.01615	Off-Peak Energy Rate	$0.01805
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
Distribution Charges		Distribution Charges	
Service Charge	$1.95	Service Charge	$1.95
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	On-Peak	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	20%	$19.53	$20.52	$0.99	5.05%	20.52¢
2	100	25%	$20.18	$21.20	$1.02	5.04%	21.20¢
3	100	30%	$20.83	$21.88	$1.05	5.03%	21.88¢
4							
5	200	20%	$37.11	$39.08	$1.97	5.31%	19.54¢
6	200	25%	$38.42	$40.45	$2.03	5.29%	20.22¢
7	200	30%	$39.72	$41.81	$2.10	5.28%	20.91¢
8							
9	300	20%	$54.70	$57.65	$2.96	5.40%	19.22¢
10	300	25%	$56.65	$59.70	$3.05	5.38%	19.90¢
11	300	30%	$58.60	$61.74	$3.14	5.36%	20.58¢
12							
13	400	20%	$72.28	$76.22	$3.94	5.45%	19.05¢
14	400	25%	$74.88	$78.95	$4.07	5.43%	19.74¢
15	400	30%	$77.49	$81.68	$4.19	5.41%	20.42¢
16							
17	500	20%	$89.86	$94.79	$4.93	5.48%	18.96¢
18	500	25%	$93.11	$98.20	$5.08	5.46%	19.64¢
19	500	30%	$96.37	$101.61	$5.24	5.44%	20.32¢
20							
21	600	20%	$107.44	$113.35	$5.91	5.50%	18.89¢
22	600	25%	$111.35	$117.45	$6.10	5.48%	19.57¢
23	600	30%	$115.25	$121.54	$6.29	5.45%	20.26¢
24							
25	700	20%	$125.02	$131.92	$6.90	5.52%	18.85¢
26	700	25%	$129.58	$136.70	$7.12	5.49%	19.53¢
27	700	30%	$134.14	$141.47	$7.33	5.47%	20.21¢
28							
29	800	20%	$142.61	$150.49	$7.88	5.53%	18.81¢
30	800	25%	$147.81	$155.95	$8.13	5.50%	19.49¢
31	800	30%	$153.02	$161.40	$8.38	5.48%	20.18¢
32							
33	1,000	20%	$177.77	$187.62	$9.85	5.54%	18.76¢
34	1,000	25%	$184.28	$194.44	$10.17	5.52%	19.44¢
35	1,000	30%	$190.79	$201.26	$10.48	5.49%	20.13¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Standard TOU - D1.11
June Thru September

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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
June-Sept On Peak	$0.09047	June-Sept On Peak	$0.10245
June-Sept Off Peak	$0.05469	June-Sept Off Peak	$0.05370
Capacity Charges:		Capacity Charges:	
June-Sept On Peak	$0.05360	June-Sept On Peak	$0.06831
June-Sept Off Peak	$0.03240	June-Sept Off Peak	$0.03581
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00000	REPS	$0.00
Service Charge:	$8.50	Service Charge:	$8.50
Distribution Charge:	$0.09726	Distribution Charge:	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$30.21	$31.47	$1.26	4.18%	31.47¢
2	120	$34.25	$35.77	$1.52	4.43%	29.81¢
3	140	$38.29	$40.06	$1.77	4.62%	28.62¢
4	160	$42.34	$44.36	$2.02	4.78%	27.72¢
5	180	$46.38	$48.65	$2.27	4.90%	27.03¢
6	200	$50.42	$52.95	$2.53	5.01%	26.47¢
7	240	$58.50	$61.54	$3.03	5.18%	25.64¢
8	280	$66.59	$70.13	$3.54	5.31%	25.04¢
9	300	$70.63	$74.42	$3.79	5.37%	24.81¢
10	350	$80.73	$85.16	$4.42	5.48%	24.33¢
11	400	$90.84	$95.89	$5.05	5.56%	23.97¢
12	450	$100.94	$106.63	$5.69	5.63%	23.70¢
13	500	$111.05	$117.37	$6.32	5.69%	23.47¢
14	550	$121.15	$128.10	$6.95	5.74%	23.29¢
15	600	$131.26	$138.84	$7.58	5.78%	23.14¢
16	650	$141.36	$149.58	$8.21	5.81%	23.01¢
17	700	$151.47	$160.31	$8.84	5.84%	22.90¢
18	750	$161.57	$171.05	$9.48	5.87%	22.81¢
19	800	$171.68	$181.79	$10.11	5.89%	22.72¢
20	850	$181.78	$192.52	$10.74	5.91%	22.65¢
21	900	$191.89	$203.26	$11.37	5.93%	22.58¢
22	950	$201.99	$214.00	$12.00	5.94%	22.53¢
23	1,000	$212.10	$224.74	$12.64	5.96%	22.47¢
24	1,100	$232.31	$246.21	$13.90	5.98%	22.38¢
25	1,200	$252.52	$267.68	$15.16	6.00%	22.31¢
26	1,300	$272.73	$289.16	$16.43	6.02%	22.24¢
27	1,400	$292.94	$310.63	$17.69	6.04%	22.19¢
28	1,500	$313.15	$332.10	$18.95	6.05%	22.14¢
29	2,000	$414.20	$439.47	$25.27	6.10%	21.97¢
30	2,750	$565.77	$600.52	$34.75	6.14%	21.84¢
31	4,000	$818.40	$868.94	$50.54	6.18%	21.72¢

Assumes ~15% of June-September usage is on peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Standard TOU - D1.11
October thru May

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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
Oct-May On Peak	$0.06480	Oct-May On Peak	$0.06647
Oct-May Off Peak	$0.05469	Oct-May Off Peak	$0.05370
Capacity Charges:		Capacity Charges:	
Oct-May On Peak	$0.03839	Oct-May On Peak	$0.04432
Oct-May Off Peak	$0.03240	Oct-May Off Peak	$0.03581
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00	REPS	$0.00
Service Charge	$8.50	Service Charge:	$8.50
Distribution Charge:	$0.09726	Distribution Charge:	$0.10380
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$29.55	$30.52	$0.96	3.26%	30.52¢
2	120	$33.47	$34.62	$1.16	3.45%	28.85¢
3	140	$37.38	$38.72	$1.35	3.61%	27.66¢
4	160	$41.29	$42.83	$1.54	3.73%	26.77¢
5	180	$45.20	$46.93	$1.73	3.83%	26.07¢
6	200	$49.11	$51.04	$1.93	3.92%	25.52¢
7	240	$56.93	$59.24	$2.31	4.06%	24.68¢
8	280	$64.75	$67.45	$2.70	4.16%	24.09¢
9	300	$68.66	$71.55	$2.89	4.21%	23.85¢
10	350	$78.44	$81.81	$3.37	4.30%	23.37¢
11	400	$88.22	$92.07	$3.85	4.37%	23.02¢
12	450	$98.00	$102.33	$4.33	4.42%	22.74¢
13	500	$107.77	$112.59	$4.81	4.47%	22.52¢
14	550	$117.55	$122.85	$5.30	4.50%	22.34¢
15	600	$127.33	$133.11	$5.78	4.54%	22.18¢
16	650	$137.11	$143.37	$6.26	4.56%	22.06¢
17	700	$146.88	$153.62	$6.74	4.59%	21.95¢
18	750	$156.66	$163.88	$7.22	4.61%	21.85¢
19	800	$166.44	$174.14	$7.70	4.63%	21.77¢
20	850	$176.22	$184.40	$8.18	4.64%	21.69¢
21	900	$185.99	$194.66	$8.67	4.66%	21.63¢
22	950	$195.77	$204.92	$9.15	4.67%	21.57¢
23	1,000	$205.55	$215.18	$9.63	4.68%	21.52¢
24	1,100	$225.10	$235.70	$10.59	4.71%	21.43¢
25	1,200	$244.66	$256.21	$11.55	4.72%	21.35¢
26	1,300	$264.21	$276.73	$12.52	4.74%	21.29¢
27	1,400	$283.77	$297.25	$13.48	4.75%	21.23¢
28	1,500	$303.32	$317.77	$14.44	4.76%	21.18¢
29	2,000	$401.10	$420.35	$19.26	4.80%	21.02¢
30	2,750	$547.76	$574.24	$26.48	4.83%	20.88¢
31	4,000	$792.20	$830.71	$38.51	4.86%	20.77¢

Assumes ~13% of Oct-May usage is on peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Overnight Savers - D1.13
June Thru September

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
June-Sept On Peak	$0.10042	June-Sept On Peak	$0.11775
June-Sept Off Peak	$0.06772	June-Sept Off Peak	$0.06921
June-Sept Super Off Peak	$0.04303	June-Sept Super Off Peak	$0.04281
Capacity Charges:		Capacity Charges:	
June-Sept On Peak	$0.05949	June-Sept On Peak	$0.07852
June-Sept Off Peak	$0.04012	June-Sept Off Peak	$0.04615
June-Sept Super Off Peak	$0.02549	June-Sept Super Off Peak	$0.02854
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00000	REPS	$0.00
Service Charge:	$8.50	Service Charge:	$8.50
Distribution Charge:		Distribution Charge:	
June-Sept On Peak	$0.19568	June-Sept On Peak	$0.20934
June-Sept Off Peak	$0.14676	June-Sept Off Peak	$0.15700
June-Sept Super Off Peak	$0.04892	June-Sept Super Off Peak	$0.05233
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Monthly kWh Use	Present Net Monthly Bill	Proposed Net Monthly Bill	Increase Amount	Increase Percent	Proposed Unit Cost
1	100	$35.44	$37.51	$2.07	5.83%	37.51¢
2	120	$40.53	$43.01	$2.48	6.12%	35.84¢
3	140	$45.62	$48.51	$2.89	6.34%	34.65¢
4	160	$50.71	$54.01	$3.30	6.52%	33.76¢
5	180	$55.80	$59.51	$3.72	6.66%	33.06¢
6	200	$60.88	$65.01	$4.13	6.78%	32.51¢
7	240	$71.06	$76.02	$4.96	6.98%	31.67¢
8	280	$81.24	$87.02	$5.78	7.12%	31.08¢
9	300	$86.33	$92.52	$6.20	7.18%	30.84¢
10	350	$99.05	$106.28	$7.23	7.30%	30.36¢
11	400	$111.77	$120.03	$8.26	7.39%	30.01¢
12	450	$124.49	$133.78	$9.29	7.47%	29.73¢
13	500	$137.21	$147.54	$10.33	7.53%	29.51¢
14	550	$149.93	$161.29	$11.36	7.58%	29.33¢
15	600	$162.65	$175.04	$12.39	7.62%	29.17¢
16	650	$175.37	$188.80	$13.42	7.66%	29.05¢
17	700	$188.09	$202.55	$14.46	7.69%	28.94¢
18	750	$200.81	$216.30	$15.49	7.71%	28.84¢
19	800	$213.54	$230.06	$16.52	7.74%	28.76¢
20	850	$226.26	$243.81	$17.56	7.76%	28.68¢
21	900	$238.98	$257.57	$18.59	7.78%	28.62¢
22	950	$251.70	$271.32	$19.62	7.80%	28.56¢
23	1,000	$264.42	$285.07	$20.65	7.81%	28.51¢
24	1,100	$289.86	$312.58	$22.72	7.84%	28.42¢
25	1,200	$315.30	$340.09	$24.78	7.86%	28.34¢
26	1,300	$340.74	$367.59	$26.85	7.88%	28.28¢
27	1,400	$366.19	$395.10	$28.92	7.90%	28.22¢
28	1,500	$391.63	$422.61	$30.98	7.91%	28.17¢
29	2,000	$518.84	$560.15	$41.31	7.96%	28.01¢
30	2,750	$709.65	$766.45	$56.80	8.00%	27.87¢
31	4,000	$1,027.68	$1,110.29	$82.61	8.04%	27.76¢

Assumes June-Sept is 15.5% on peak, 66.4% off peak, and 18.2% super off peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Overnight Savers - D1.13
October thru May

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
Oct-May On Peak	$0.05824	Oct-May On Peak	$0.05805
Oct-May Off Peak	$0.05158	Oct-May Off Peak	$0.04852
Oct-May Super Off Peak	$0.04303	Oct-May Super Off Peak	$0.04281
Capacity Charges:		Capacity Charges:	
Oct-May On Peak	$0.03450	Oct-May On Peak	$0.03871
Oct-May Off Peak	$0.03056	Oct-May Off Peak	$0.03235
Oct-May Super Off Peak	$0.02549	Oct-May Super Off Peak	$0.02854
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
REPS	$0.00	REPS	$0.00
Service Charge	$8.50	Service Charge	$8.50
Distribution Charge:		Distribution Charge:	
Oct-May On Peak	$0.09784	Oct-May On Peak	$0.10467
Oct-May Off Peak	$0.07338	Oct-May Off Peak	$0.07850
Oct-May Super Off Peak	$0.04892	Oct-May Super Off Peak	$0.05233
Delivery Surcharges:	$0.009121	Delivery Surcharges:	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Monthly kWh Use	Present Net Monthly Bill	Proposed Net Monthly Bill	Increase Amount	Increase Percent	Proposed Unit Cost
1	100	$26.07	$26.60	$0.53	2.03%	26.60¢
2	120	$29.28	$29.92	$0.63	2.16%	24.93¢
3	140	$32.50	$33.24	$0.74	2.27%	23.74¢
4	160	$35.71	$36.56	$0.84	2.37%	22.85¢
5	180	$38.93	$39.88	$0.95	2.44%	22.15¢
6	200	$42.14	$43.20	$1.06	2.51%	21.60¢
7	240	$48.57	$49.84	$1.27	2.61%	20.77¢
8	280	$55.00	$56.48	$1.48	2.69%	20.17¢
9	300	$58.21	$59.80	$1.58	2.72%	19.93¢
10	350	$66.25	$68.10	$1.85	2.79%	19.46¢
11	400	$74.28	$76.39	$2.11	2.84%	19.10¢
12	450	$82.32	$84.69	$2.38	2.89%	18.82¢
13	500	$90.35	$92.99	$2.64	2.92%	18.60¢
14	550	$98.39	$101.29	$2.90	2.95%	18.42¢
15	600	$106.42	$109.59	$3.17	2.98%	18.27¢
16	650	$114.46	$117.89	$3.43	3.00%	18.14¢
17	700	$122.50	$126.19	$3.70	3.02%	18.03¢
18	750	$130.53	$134.49	$3.96	3.03%	17.93¢
19	800	$138.57	$142.79	$4.22	3.05%	17.85¢
20	850	$146.60	$151.09	$4.49	3.06%	17.78¢
21	900	$154.64	$159.39	$4.75	3.07%	17.71¢
22	950	$162.67	$167.69	$5.02	3.08%	17.65¢
23	1,000	$170.71	$175.99	$5.28	3.09%	17.60¢
24	1,100	$186.78	$192.59	$5.81	3.11%	17.51¢
25	1,200	$202.85	$209.18	$6.34	3.12%	17.43¢
26	1,300	$218.92	$225.78	$6.86	3.13%	17.37¢
27	1,400	$234.99	$242.38	$7.39	3.15%	17.31¢
28	1,500	$251.06	$258.98	$7.92	3.15%	17.27¢
29	2,000	$331.42	$341.97	$10.56	3.19%	17.10¢
30	2,750	$451.95	$466.47	$14.52	3.21%	16.96¢
31	4,000	$652.83	$673.95	$21.12	3.23%	16.85¢

Assumes Oct-May is 12.9% on peak, 65.0% off peak, and 22.2% super off peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Space Heating - D2
June thru October

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge:	$0.05298	Non-Capacity Charge:	$0.05330
Capacity Charges:		Capacity Charges:	
First 17 KWH/Day	$0.02813	First 17 KWH/Day	$0.03272
Excess	$0.04021	Excess	$0.04677
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
REPS	$0.00	REPS	$0.00
Service Charge	$8.50	Service Charge	$8.50
Distribution Charge	$0.09726	Distribution Charge	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$28.75	$29.89	$1.15	3.98%	29.89¢
2	120	$32.50	$33.87	$1.37	4.23%	28.23¢
3	160	$40.00	$41.83	$1.83	4.58%	26.14¢
4	180	$43.75	$45.81	$2.06	4.71%	25.45¢
5	200	$47.50	$49.79	$2.29	4.82%	24.89¢
6	240	$55.00	$57.75	$2.75	5.00%	24.06¢
7	280	$62.50	$65.70	$3.21	5.13%	23.47¢
8	300	$66.25	$69.68	$3.44	5.19%	23.23¢
9	350	$75.62	$79.63	$4.01	5.30%	22.75¢
10	400	$85.00	$89.58	$4.58	5.39%	22.39¢
11	450	$94.37	$99.52	$5.15	5.46%	22.12¢
12	500	$103.75	$109.47	$5.73	5.52%	21.89¢
13	550	$113.60	$119.98	$6.38	5.61%	21.81¢
14	600	$123.58	$130.63	$7.05	5.70%	21.77¢
15	650	$133.56	$141.28	$7.72	5.78%	21.74¢
16	700	$143.54	$151.93	$8.39	5.84%	21.70¢
17	750	$153.52	$162.58	$9.06	5.90%	21.68¢
18	800	$163.50	$173.23	$9.73	5.95%	21.65¢
19	850	$173.47	$183.88	$10.40	6.00%	21.63¢
20	900	$183.45	$194.53	$11.07	6.04%	21.61¢
21	950	$193.43	$205.18	$11.74	6.07%	21.60¢
22	1,000	$203.41	$215.83	$12.42	6.10%	21.58¢
23	1,100	$223.37	$237.13	$13.76	6.16%	21.56¢
24	1,200	$243.32	$258.42	$15.10	6.21%	21.54¢
25	1,300	$263.28	$279.72	$16.44	6.24%	21.52¢
26	1,400	$283.24	$301.02	$17.78	6.28%	21.50¢
27	1,500	$303.20	$322.32	$19.13	6.31%	21.49¢
28	2,000	$402.98	$428.82	$25.84	6.41%	21.44¢
29	3,000	$602.55	$641.81	$39.26	6.51%	21.39¢
30	4,000	$802.13	$854.80	$52.68	6.57%	21.37¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Residential Service Rate Space Heating - D2
November thru May

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge:	$0.05298	Non-Capacity Charge:	$0.05330
Capacity Charges:		Capacity Charges:	
First 20 KWH/Day	$0.01658	First 20 KWH/Day	$0.01929
Second Block:	$0.00648	Excess	$0.000754
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
REPS	$0.00	REPS	$0.00
Service Charge	$8.50	Service Charge	$8.50
Distribution Charge	$0.09726	Distribution Charge	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$27.59	$28.55	$0.96	3.47%	28.55¢
2	120	$31.11	$32.26	$1.15	3.69%	26.88¢
3	160	$38.15	$39.68	$1.53	4.01%	24.80¢
4	180	$41.67	$43.39	$1.72	4.13%	24.11¢
5	200	$45.19	$47.10	$1.91	4.24%	23.55¢
6	240	$52.23	$54.52	$2.30	4.40%	22.72¢
7	280	$59.26	$61.94	$2.68	4.52%	22.12¢
8	300	$62.78	$65.65	$2.87	4.57%	21.88¢
9	350	$71.58	$74.93	$3.35	4.68%	21.41¢
10	400	$80.38	$84.20	$3.83	4.76%	21.05¢
11	450	$89.17	$93.48	$4.31	4.83%	20.77¢
12	500	$97.97	$102.76	$4.79	4.88%	20.55¢
13	550	$106.77	$112.03	$5.26	4.93%	20.37¢
14	600	$115.56	$121.31	$5.74	4.97%	20.22¢
15	650	$123.86	$129.66	$5.80	4.68%	19.95¢
16	700	$132.15	$138.00	$5.86	4.43%	19.71¢
17	750	$140.44	$146.35	$5.91	4.21%	19.51¢
18	800	$148.73	$154.70	$5.97	4.01%	19.34¢
19	850	$157.03	$163.05	$6.03	3.84%	19.18¢
20	900	$165.32	$171.40	$6.08	3.68%	19.04¢
21	950	$173.61	$179.75	$6.14	3.54%	18.92¢
22	1,000	$181.90	$188.10	$6.20	3.41%	18.81¢
23	1,100	$198.49	$204.79	$6.31	3.18%	18.62¢
24	1,200	$215.07	$221.49	$6.42	2.99%	18.46¢
25	1,300	$231.65	$238.19	$6.54	2.82%	18.32¢
26	1,400	$248.24	$254.89	$6.65	2.68%	18.21¢
27	1,500	$264.82	$271.58	$6.76	2.55%	18.11¢
28	2,000	$347.74	$355.07	$7.33	2.11%	17.75¢
29	3,000	$513.58	$522.05	$8.46	1.65%	17.40¢
30	4,000	$679.43	$689.02	$9.60	1.41%	17.23¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Water Heating Service Rate - D5 Residential

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges		Power Supply Charges	
Non-Capacity Charge	$0.03078	Non-Capacity Charge	$0.03098
Capacity Charge	$0.01824	Capacity Charge	$0.02038
Power Supply Surcharges	$0.00000	Power Supply Surcharges	$0.00000
Distribution Charges		Distribution Charges	
Service Charge	$1.95	Service Charge	$1.95
Distribution Energy	$0.09726	Distribution Energy	$0.10380
Delivery Surcharges	$0.009121	Delivery Surcharges	$0.009121

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$17.49	$18.38	$0.89	5.08%	18.38¢
2	200	$33.03	$34.81	$1.78	5.38%	17.40¢
3	300	$48.57	$51.23	$2.66	5.48%	17.08¢
4	400	$64.11	$67.66	$3.55	5.54%	16.92¢
5	500	$79.65	$84.09	$4.44	5.57%	16.82¢
6	600	$95.19	$100.52	$5.33	5.60%	16.75¢
7	700	$110.73	$116.95	$6.22	5.61%	16.71¢
8	800	$126.27	$133.38	$7.10	5.63%	16.67¢
9	900	$141.81	$149.80	$7.99	5.64%	16.64¢
10	1,000	$157.35	$166.23	$8.88	5.64%	16.62¢
10	1,100	$172.89	$182.66	$9.77	5.65%	16.61¢
10	1,200	$188.43	$199.09	$10.66	5.66%	16.59¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
General Service Rate - D3

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity Energy Charge	$0.02603	Capacity Energy Charge	$0.02759
Non-capacity energy charge	$0.05562	Non-capacity energy charge	$0.05525
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge	$11.25	Service Charge	$11.25
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	400	$78.33	$79.29	$0.96	1.23%	19.82¢
2	600	$108.67	$110.11	$1.45	1.33%	18.35¢
3	800	$139.00	$140.93	$1.93	1.39%	17.62¢
4	1,000	$169.34	$171.75	$2.41	1.42%	17.17¢
5	1,200	$199.67	$202.56	$2.89	1.45%	16.88¢
6	1,400	$230.01	$233.38	$3.37	1.47%	16.67¢
7	1,600	$260.34	$264.20	$3.86	1.48%	16.51¢
8	1,800	$290.68	$295.01	$4.34	1.49%	16.39¢
9	2,000	$321.01	$325.83	$4.82	1.50%	16.29¢
10	2,200	$351.35	$356.65	$5.30	1.51%	16.21¢
11	2,400	$381.68	$387.46	$5.78	1.52%	16.14¢
12	2,500	$396.85	$402.87	$6.02	1.52%	16.11¢
13	3,000	$472.69	$479.92	$7.23	1.53%	16.00¢
14	3,500	$548.52	$556.96	$8.43	1.54%	15.91¢
15	4,000	$624.36	$634.00	$9.64	1.54%	15.85¢
16	4,500	$700.20	$711.04	$10.85	1.55%	15.80¢
17	5,000	$776.04	$788.09	$12.05	1.55%	15.76¢
18	5,500	$851.87	$865.13	$13.26	1.56%	15.73¢
19	6,000	$927.71	$942.17	$14.46	1.56%	15.70¢
20	6,500	$1,003.55	$1,019.21	$15.67	1.56%	15.68¢
21	7,000	$1,079.39	$1,096.26	$16.87	1.56%	15.66¢
22	7,500	$1,155.22	$1,173.30	$18.08	1.56%	15.64¢
23	8,000	$1,231.06	$1,250.34	$19.28	1.57%	15.63¢
24	8,500	$1,306.90	$1,327.38	$20.49	1.57%	15.62¢
25	9,000	$1,382.74	$1,404.43	$21.69	1.57%	15.60¢
26	9,500	$1,458.57	$1,481.47	$22.89	1.57%	15.59¢
27	10,000	$1,534.41	$1,558.51	$24.10	1.57%	15.59¢
28	12,000	$1,837.76	$1,866.68	$28.92	1.57%	15.56¢
29	15,000	$2,292.79	$2,328.94	$36.15	1.58%	15.53¢
30	18,000	$2,747.81	$2,791.19	$43.38	1.58%	15.51¢
31	21,000	$3,202.84	$3,253.45	$50.61	1.58%	15.49¢
32	24,000	$3,657.86	$3,715.70	$57.84	1.58%	15.48¢
33	27,000	$4,112.89	$4,177.96	$65.07	1.58%	15.47¢
34	30,000	$4,567.91	$4,640.21	$72.30	1.58%	15.47¢
35	35,000	$5,326.29	$5,410.64	$84.35	1.58%	15.46¢
36	40,000	$6,084.66	$6,181.06	$96.40	1.58%	15.45¢
37	45,000	$6,843.04	$6,951.49	$108.45	1.58%	15.45¢
38	50,000	$7,601.41	$7,721.91	$120.50	1.59%	15.44¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Secondary Educational Institute Rate - D3.2

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 23 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity Energy Charge	$0.02403	Capacity Energy Charge	$0.02557
Non-capacity energy	$0.05483	Non-capacity energy	$0.05449
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge	$11.25	Service Charge	$11.25
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	400	$77.21	$78.18	$0.97	1.25%	19.55¢
2	600	$106.99	$108.44	$1.45	1.36%	18.07¢
3	800	$136.77	$138.70	$1.94	1.42%	17.34¢
4	1,000	$166.55	$168.97	$2.42	1.45%	16.90¢
5	1,200	$196.32	$199.23	$2.90	1.48%	16.60¢
6	1,400	$226.10	$229.49	$3.39	1.50%	16.39¢
7	1,600	$255.88	$259.75	$3.87	1.51%	16.23¢
8	1,800	$285.65	$290.01	$4.36	1.52%	16.11¢
9	2,000	$315.43	$320.27	$4.84	1.53%	16.01¢
10	2,200	$345.21	$350.53	$5.32	1.54%	15.93¢
11	2,400	$374.98	$380.79	$5.81	1.55%	15.87¢
12	2,500	$389.87	$395.92	$6.05	1.55%	15.84¢
13	3,000	$464.32	$471.58	$7.26	1.56%	15.72¢
14	3,500	$538.76	$547.23	$8.47	1.57%	15.64¢
15	4,000	$613.20	$622.88	$9.68	1.58%	15.57¢
16	4,500	$687.64	$698.53	$10.89	1.58%	15.52¢
17	5,000	$762.09	$774.19	$12.10	1.59%	15.48¢
18	5,500	$836.53	$849.84	$13.31	1.59%	15.45¢
19	6,000	$910.97	$925.49	$14.52	1.59%	15.42¢
20	6,500	$985.41	$1,001.14	$15.73	1.60%	15.40¢
21	7,000	$1,059.86	$1,076.80	$16.94	1.60%	15.38¢
22	7,500	$1,134.30	$1,152.45	$18.15	1.60%	15.37¢
23	8,000	$1,208.74	$1,228.10	$19.36	1.60%	15.35¢
24	8,500	$1,283.18	$1,303.75	$20.57	1.60%	15.34¢
25	9,000	$1,357.63	$1,379.41	$21.78	1.60%	15.33¢
26	9,500	$1,432.07	$1,455.06	$22.99	1.61%	15.32¢
27	10,000	$1,506.51	$1,530.71	$24.20	1.61%	15.31¢
28	12,000	$1,804.28	$1,833.32	$29.04	1.61%	15.28¢
29	15,000	$2,250.94	$2,287.24	$36.30	1.61%	15.25¢
30	18,000	$2,697.59	$2,741.15	$43.56	1.61%	15.23¢
31	21,000	$3,144.25	$3,195.07	$50.82	1.62%	15.21¢
32	24,000	$3,590.90	$3,648.98	$58.08	1.62%	15.20¢
33	27,000	$4,037.56	$4,102.90	$65.34	1.62%	15.20¢
34	30,000	$4,484.21	$4,556.81	$72.60	1.62%	15.19¢
35	35,000	$5,228.64	$5,313.34	$84.70	1.62%	15.18¢
36	40,000	$5,973.06	$6,069.86	$96.80	1.62%	15.17¢
37	45,000	$6,717.49	$6,826.39	$108.90	1.62%	15.17¢
38	50,000	$7,461.91	$7,582.91	$121.00	1.62%	15.17¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible General Service Rate - D3.3

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity Energy Charge	$0.02175	Capacity Energy Charge	$0.02305
Non-capacity energy	$0.04647	Non-capacity energy	$0.04617
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge	$11.25	Service Charge	$11.25
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	400	$72.96	$73.85	$0.89	1.22%	18.46¢
2	600	$100.61	$101.94	$1.33	1.32%	16.99¢
3	800	$128.26	$130.03	$1.78	1.38%	16.25¢
4	1,000	$155.91	$158.13	$2.22	1.42%	15.81¢
5	1,200	$183.55	$186.22	$2.66	1.45%	15.52¢
6	1,400	$211.20	$214.31	$3.11	1.47%	15.31¢
7	1,600	$238.85	$242.40	$3.55	1.49%	15.15¢
8	1,800	$266.50	$270.50	$4.00	1.50%	15.03¢
9	2,000	$294.15	$298.59	$4.44	1.51%	14.93¢
10	2,200	$321.80	$326.68	$4.88	1.52%	14.85¢
11	2,400	$349.45	$354.78	$5.33	1.52%	14.78¢
12	2,500	$363.27	$368.82	$5.55	1.53%	14.75¢
13	3,000	$432.40	$439.06	$6.66	1.54%	14.64¢
14	3,500	$501.52	$509.29	$7.77	1.55%	14.55¢
15	4,000	$570.64	$579.52	$8.88	1.56%	14.49¢
16	4,500	$639.76	$649.75	$9.99	1.56%	14.44¢
17	5,000	$708.89	$719.99	$11.10	1.57%	14.40¢
18	5,500	$778.01	$790.22	$12.21	1.57%	14.37¢
19	6,000	$847.13	$860.45	$13.32	1.57%	14.34¢
20	6,500	$916.25	$930.68	$14.43	1.57%	14.32¢
21	7,000	$985.38	$1,000.92	$15.54	1.58%	14.30¢
22	7,500	$1,054.50	$1,071.15	$16.65	1.58%	14.28¢
23	8,000	$1,123.62	$1,141.38	$17.76	1.58%	14.27¢
24	8,500	$1,192.74	$1,211.61	$18.87	1.58%	14.25¢
25	9,000	$1,261.87	$1,281.85	$19.98	1.58%	14.24¢
26	9,500	$1,330.99	$1,352.08	$21.09	1.58%	14.23¢
27	10,000	$1,400.11	$1,422.31	$22.20	1.59%	14.22¢
28	12,000	$1,676.60	$1,703.24	$26.64	1.59%	14.19¢
29	15,000	$2,091.34	$2,124.64	$33.30	1.59%	14.16¢
30	18,000	$2,506.07	$2,546.03	$39.96	1.59%	14.14¢
31	21,000	$2,920.81	$2,967.43	$46.62	1.60%	14.13¢
32	24,000	$3,335.54	$3,388.82	$53.28	1.60%	14.12¢
33	27,000	$3,750.28	$3,810.22	$59.94	1.60%	14.11¢
34	30,000	$4,165.01	$4,231.61	$66.60	1.60%	14.11¢
35	33,000	$4,579.75	$4,653.01	$73.26	1.60%	14.10¢
36	36,000	$4,994.48	$5,074.40	$79.92	1.60%	14.10¢
37	39,000	$5,409.22	$5,495.80	$86.58	1.60%	14.09¢
38	42,000	$5,823.95	$5,917.19	$93.24	1.60%	14.09¢
39	45,000	$6,238.69	$6,338.59	$99.90	1.60%	14.09¢
40	50,000	$6,929.91	$7,040.91	$111.00	1.60%	14.08¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Optional TOU General Service Rate - D3.11
June Thru September

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 25 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
June-Sept On Peak	$0.08730	June-Sept On Peak	$0.08661
June-Sept Off Peak	$0.05332	June-Sept Off Peak	$0.05332
Capacity Charges:		Capacity Charges:	
June-Sept On Peak	$0.04086	June-Sept On Peak	$0.04326
June-Sept Off Peak	$0.02496	June-Sept Off Peak	$0.02663
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
Service Charge:	$11.25	Service Charge:	$11.25
Distribution Charge:	$0.06670	Distribution Charge:	$0.06792
Delivery Surcharges:	$0.003325	Delivery Surcharges:	$0.003325
EWR	$4.91	EWR	$4.91
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	400	$80.12	$81.28	$1.16	1.45%	20.32¢
2	600	$111.36	$113.10	$1.74	1.56%	18.85¢
3	800	$142.59	$144.91	$2.32	1.62%	18.11¢
4	1,000	$173.82	$176.72	$2.90	1.67%	17.67¢
5	1,200	$205.05	$208.53	$3.48	1.69%	17.38¢
6	1,400	$236.29	$240.34	$4.05	1.72%	17.17¢
7	1,600	$267.52	$272.15	$4.63	1.73%	17.01¢
8	1,800	$298.75	$303.97	$5.21	1.75%	16.89¢
9	2,000	$329.98	$335.78	$5.79	1.76%	16.79¢
10	2,200	$361.22	$367.59	$6.37	1.76%	16.71¢
11	2,400	$392.45	$399.40	$6.95	1.77%	16.64¢
12	2,500	$408.07	$415.31	$7.24	1.77%	16.61¢
13	3,000	$486.15	$494.84	$8.69	1.79%	16.49¢
14	3,500	$564.23	$574.36	$10.14	1.80%	16.41¢
15	4,000	$642.31	$653.89	$11.59	1.80%	16.35¢
16	4,500	$720.39	$733.42	$13.03	1.81%	16.30¢
17	5,000	$798.47	$812.95	$14.48	1.81%	16.26¢
18	5,500	$876.55	$892.48	$15.93	1.82%	16.23¢
19	6,000	$954.63	$972.01	$17.38	1.82%	16.20¢
20	6,500	$1,032.71	$1,051.54	$18.83	1.82%	16.18¢
21	7,000	$1,110.80	$1,131.07	$20.27	1.83%	16.16¢
22	7,500	$1,188.88	$1,210.60	$21.72	1.83%	16.14¢
23	8,000	$1,266.96	$1,290.13	$23.17	1.83%	16.13¢
24	8,500	$1,345.04	$1,369.66	$24.62	1.83%	16.11¢
25	9,000	$1,423.12	$1,449.19	$26.07	1.83%	16.10¢
26	9,500	$1,501.20	$1,528.72	$27.51	1.83%	16.09¢
27	10,000	$1,579.28	$1,608.25	$28.96	1.83%	16.08¢
28	12,000	$1,891.61	$1,926.36	$34.76	1.84%	16.05¢
29	15,000	$2,360.09	$2,403.54	$43.44	1.84%	16.02¢
30	18,000	$2,828.58	$2,880.71	$52.13	1.84%	16.00¢
31	21,000	$3,297.07	$3,357.89	$60.82	1.84%	15.99¢
32	24,000	$3,765.55	$3,835.06	$69.51	1.85%	15.98¢
33	27,000	$4,234.04	$4,312.24	$78.20	1.85%	15.97¢
34	30,000	$4,702.53	$4,789.42	$86.89	1.85%	15.96¢
35	35,000	$5,483.34	$5,584.71	$101.37	1.85%	15.96¢
36	40,000	$6,264.15	$6,380.00	$115.85	1.85%	15.95¢
37	45,000	$7,044.96	$7,175.29	$130.33	1.85%	15.95¢
38	50,000	$7,825.77	$7,970.59	$144.82	1.85%	15.94¢

Assumes ~16% of June-September usage is on peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Optional TOU General Service Rate - D3.11
October thru May

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Non-Capacity Charge		Non-Capacity Charge	
Oct-May On Peak	$0.05699	Oct-May On Peak	$0.05332
Oct-May Off Peak	$0.05332	Oct-May Off Peak	$0.05332
Capacity Charges:		Capacity Charges:	
Oct-May On Peak	$0.02667	Oct-May On Peak	$0.02663
Oct-May Off Peak	$0.02496	Oct-May Off Peak	$0.02663
Power Supply Surcharges:	$0.00000	Power Supply Surcharges:	$0.00000
Service Charge	$11.25	Service Charge:	$11.25
Distribution Charge:	$0.06670	Distribution Charge:	$0.06792
Delivery Surcharges:	$0.003325	Delivery Surcharges:	$0.003325
EWR	$4.91	EWR	$4.91
LIEAF	$1.50	LIEAF	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Monthly kWh Use	Present Net Monthly Bill	Proposed Net Monthly Bill	Increase Amount	Increase Percent	Proposed Unit Cost
1	400	$77.31	$78.14	$0.83	1.07%	19.53¢
2	600	$107.13	$108.38	$1.24	1.16%	18.06¢
3	800	$136.96	$138.62	$1.66	1.21%	17.33¢
4	1,000	$166.78	$168.86	$2.07	1.24%	16.89¢
5	1,200	$196.60	$199.09	$2.49	1.27%	16.59¢
6	1,400	$226.43	$229.33	$2.90	1.28%	16.38¢
7	1,600	$256.25	$259.57	$3.32	1.30%	16.22¢
8	1,800	$286.08	$289.81	$3.73	1.31%	16.10¢
9	2,000	$315.90	$320.05	$4.15	1.31%	16.00¢
10	2,200	$345.72	$350.29	$4.56	1.32%	15.92¢
11	2,400	$375.55	$380.53	$4.98	1.33%	15.86¢
12	2,500	$390.46	$395.65	$5.19	1.33%	15.83¢
13	3,000	$465.02	$471.25	$6.22	1.34%	15.71¢
14	3,500	$539.58	$546.84	$7.26	1.35%	15.62¢
15	4,000	$614.14	$622.44	$8.30	1.35%	15.56¢
16	4,500	$688.70	$698.04	$9.34	1.36%	15.51¢
17	5,000	$763.26	$773.64	$10.37	1.36%	15.47¢
18	5,500	$837.82	$849.23	$11.41	1.36%	15.44¢
19	6,000	$912.38	$924.83	$12.45	1.36%	15.41¢
20	6,500	$986.94	$1,000.43	$13.49	1.37%	15.39¢
21	7,000	$1,061.50	$1,076.03	$14.52	1.37%	15.37¢
22	7,500	$1,136.06	$1,151.62	$15.56	1.37%	15.35¢
23	8,000	$1,210.62	$1,227.22	$16.60	1.37%	15.34¢
24	8,500	$1,285.18	$1,302.82	$17.64	1.37%	15.33¢
25	9,000	$1,359.74	$1,378.42	$18.67	1.37%	15.32¢
26	9,500	$1,434.30	$1,454.01	$19.71	1.37%	15.31¢
27	10,000	$1,508.86	$1,529.61	$20.75	1.38%	15.30¢
28	12,000	$1,807.10	$1,832.00	$24.90	1.38%	15.27¢
29	15,000	$2,254.46	$2,285.59	$31.12	1.38%	15.24¢
30	18,000	$2,701.82	$2,739.17	$37.35	1.38%	15.22¢
31	21,000	$3,149.19	$3,192.76	$43.57	1.38%	15.20¢
32	24,000	$3,596.55	$3,646.34	$49.79	1.38%	15.19¢
33	27,000	$4,043.91	$4,099.93	$56.02	1.39%	15.18¢
34	30,000	$4,491.27	$4,553.51	$62.24	1.39%	15.18¢
35	35,000	$5,236.87	$5,309.49	$72.62	1.39%	15.17¢
36	40,000	$5,982.47	$6,065.46	$82.99	1.39%	15.16¢
37	45,000	$6,728.07	$6,821.44	$93.36	1.39%	15.16¢
38	50,000	$7,473.67	$7,577.41	$103.74	1.39%	15.15¢

Assumes ~15% of Oct-May usage is on peak (per rate design billing determinants)

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Large General Service Rate - D4

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity Charge:		**Capacity Charges:**	
Demand Charge	$9.18	Demand Charge	$9.90
Energy Charges:		Energy Charges:	
First 200kWh/kW		First 200kWh/kW	
Over 200kWh/kW		Over 200kWh/kW	
Non-capacity Charges:		**Non-capacity Charges:**	
Demand Charge	$7.48	Demand Charge	$7.10
Energy Charges:		Energy Charges:	
First 200kWh/kW	0.04031	First 200kWh/kW	0.04114
Over 200kWh/kW	0.03112	Over 200kWh/kW	0.03176
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge:	$13.67	Service Charge:	$13.67
Demand Charge:	$27.10	Demand Charge:	$27.48
Distribution Energy:	$0.00000	Distribution Energy:	$0.00000
Distribution Surcharges:	$0.000890	Distribution Surcharges:	$0.000890
Energy Waste Reduction	$125.39	Energy Waste Reduction	$125.39
LIEAF Factor	$1.50	LIEAF Factor	$1.50
IRM	$1.0403	IRM	$1.0403

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	5	300	$421.77	$426.52	$4.75	1.13%	28.43¢
2	5	400	$437.77	$442.84	$5.07	1.16%	22.14¢
3	5	500	$453.78	$459.17	$5.39	1.19%	18.37¢
4							
5	10	300	$702.97	$712.47	$9.50	1.35%	23.75¢
6	10	400	$734.98	$745.12	$10.14	1.38%	18.63¢
7	10	500	$766.99	$777.77	$10.78	1.41%	15.56¢
8							
9	25	300	$1,546.59	$1,570.34	$23.75	1.54%	20.94¢
10	25	400	$1,626.62	$1,651.97	$25.35	1.56%	16.52¢
11	25	500	$1,706.64	$1,733.59	$26.95	1.58%	13.87¢
12							
13	50	300	$2,952.63	$3,000.13	$47.50	1.61%	20.00¢
14	50	400	$3,112.68	$3,163.38	$50.70	1.63%	15.82¢
15	50	500	$3,272.73	$3,326.63	$53.90	1.65%	13.31¢
16							
17	75	300	$4,358.66	$4,429.91	$71.25	1.63%	19.69¢
18	75	400	$4,598.73	$4,674.78	$76.05	1.65%	15.58¢
19	75	500	$4,838.81	$4,919.66	$80.85	1.67%	13.12¢
20							
21	100	300	$5,764.69	$5,859.69	$95.00	1.65%	19.53¢
22	100	400	$6,084.79	$6,186.19	$101.40	1.67%	15.47¢
23	100	500	$6,404.89	$6,512.69	$107.80	1.68%	13.03¢
24							
25	200	300	$11,388.82	$11,578.82	$190.00	1.67%	19.30¢
26	200	400	$12,029.02	$12,231.82	$202.80	1.69%	15.29¢
27	200	500	$12,669.22	$12,884.82	$215.60	1.70%	12.88¢
28							
29	300	300	$17,012.95	$17,297.95	$285.00	1.68%	19.22¢
30	300	400	$17,973.25	$18,277.45	$304.20	1.69%	15.23¢
31	300	500	$18,933.55	$19,256.95	$323.40	1.71%	12.84¢
32							
33	400	300	$22,637.08	$23,017.08	$380.00	1.68%	19.18¢
34	400	400	$23,917.48	$24,323.08	$405.60	1.70%	15.20¢
35	400	500	$25,197.88	$25,629.08	$431.20	1.71%	12.81¢
36							
37	500	300	$28,261.21	$28,736.21	$475.00	1.68%	19.16¢
38	500	400	$29,861.71	$30,368.71	$507.00	1.70%	15.18¢
39	500	500	$31,462.21	$32,001.21	$539.00	1.71%	12.80¢
40							
41	750	300	$42,321.54	$43,034.04	$712.50	1.68%	19.13¢
42	750	400	$44,722.29	$45,482.79	$760.50	1.70%	15.16¢
43	750	500	$47,123.04	$47,931.54	$808.50	1.72%	12.78¢
44							
45	1000	300	$56,381.86	$57,331.86	$950.00	1.68%	19.11¢
46	1000	400	$59,582.86	$60,596.86	$1,014.00	1.70%	15.15¢
47	1000	500	$62,783.86	$63,861.86	$1,078.00	1.72%	12.77¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Water Heating Service Rate - D5 Commercial

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity Energy	$0.01533	Capacity Energy	$0.01624
Non-capacity Energy	$0.03275	Non-capacity Energy	$0.03254
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge	$1.95	Service Charge	$1.95
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	100	$20.17	$20.36	$0.19	0.95%	20.36¢
2	200	$31.98	$32.37	$0.38	1.20%	16.18¢
3	300	$43.79	$44.37	$0.58	1.32%	14.79¢
4	400	$55.60	$56.37	$0.77	1.38%	14.09¢
5	500	$67.41	$68.37	$0.96	1.42%	13.67¢
6	600	$79.22	$80.38	$1.15	1.45%	13.40¢
7	700	$91.03	$92.38	$1.34	1.48%	13.20¢
8	800	$102.84	$104.38	$1.54	1.49%	13.05¢
9	900	$114.65	$116.38	$1.73	1.51%	12.93¢
10	1,000	$126.47	$128.39	$1.92	1.52%	12.84¢
11	1,100	$138.28	$140.39	$2.11	1.53%	12.76¢
12	1,200	$150.09	$152.39	$2.30	1.54%	12.70¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Greenhouse Lighting Service Rate - Standard Contract Rider No. R7

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity energy	$0.01487	Capacity energy	$0.01576
Non-capacity energy	$0.03177	Non-capacity energy	$0.03156
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge:	$1.95	Service Charge:	$1.95
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	400	$55.03	$55.79	$0.76	1.38%	13.95¢
2	600	$78.36	$79.50	$1.14	1.45%	13.25¢
3	800	$101.69	$103.21	$1.52	1.49%	12.90¢
4	1,000	$125.03	$126.93	$1.90	1.52%	12.69¢
5	1,200	$148.36	$150.64	$2.28	1.54%	12.55¢
6	1,400	$171.69	$174.35	$2.66	1.55%	12.45¢
7	1,600	$195.02	$198.06	$3.04	1.56%	12.38¢
8	1,800	$218.36	$221.78	$3.42	1.57%	12.32¢
9	2,000	$241.69	$245.49	$3.80	1.57%	12.27¢
10	2,500	$300.02	$304.77	$4.75	1.58%	12.19¢
11	3,000	$358.36	$364.06	$5.70	1.59%	12.14¢
12	4,000	$475.02	$482.62	$7.60	1.60%	12.07¢
13	5,000	$591.69	$601.19	$9.50	1.61%	12.02¢
14	6,000	$708.35	$719.75	$11.40	1.61%	12.00¢
15	7,000	$825.02	$838.32	$13.30	1.61%	11.98¢
16	8,000	$941.68	$956.88	$15.20	1.61%	11.96¢
17	9,000	$1,058.35	$1,075.45	$17.10	1.62%	11.95¢
18	10,000	$1,175.01	$1,194.01	$19.00	1.62%	11.94¢
19	12,000	$1,408.34	$1,431.14	$22.80	1.62%	11.93¢
20	15,000	$1,758.34	$1,786.84	$28.50	1.62%	11.91¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Commercial Space Conditioning Rate - Standard Contract Rider No. R8
June Thru October

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 30 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity energy	$0.04007	Capacity energy	$0.04289
Non-capacity energy	$0.04833	Non-capacity energy	$0.04780
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge:	$11.25	Service Charge:	$11.25
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	$176.09	$179.60	$3.51	1.99%	17.96¢
2	3,000	$492.94	$503.47	$10.53	2.14%	16.78¢
3	5,000	$809.79	$827.34	$17.55	2.17%	16.55¢
4	7,000	$1,126.64	$1,151.21	$24.57	2.18%	16.45¢
5	8,000	$1,285.06	$1,313.14	$28.08	2.19%	16.41¢
6	9,000	$1,443.49	$1,475.08	$31.59	2.19%	16.39¢
7	10,000	$1,601.91	$1,637.01	$35.10	2.19%	16.37¢
8	12,000	$1,918.76	$1,960.88	$42.12	2.20%	16.34¢
9	13,000	$2,077.19	$2,122.82	$45.63	2.20%	16.33¢
10	15,000	$2,394.04	$2,446.69	$52.65	2.20%	16.31¢
11	17,000	$2,710.89	$2,770.56	$59.67	2.20%	16.30¢
12	20,000	$3,186.16	$3,256.36	$70.20	2.20%	16.28¢
13	28,000	$4,453.56	$4,551.84	$98.28	2.21%	16.26¢
14	30,000	$4,770.41	$4,875.71	$105.30	2.21%	16.25¢
15	35,000	$5,562.54	$5,685.39	$122.85	2.21%	16.24¢
16	40,000	$6,354.66	$6,495.06	$140.40	2.21%	16.24¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Commercial Space Heating - Standard Contract Rider No. R8
November Thru May

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply Charges:		Power Supply Charges:	
Capacity energy		Capacity energy	
1st 1,000 kWh	$0.04007	1st 1,000 kWh	$0.04289
Excess	$0.01328	Excess	$0.01421
Non-capacity energy	$0.04833	Non-capacity energy	$0.04780
Power Supply Surcharges:	$0.000000	Power Supply Surcharges:	$0.000000
Distribution Charges:		Distribution Charges:	
Service Charge:	$11.25	Service Charge:	$11.25
Distribution Energy	$0.06670	Distribution Energy	$0.06792
Distribution Surcharges:	$0.003325	Distribution Surcharges:	$0.003325
Energy Waste Reduction	$4.91	Energy Waste Reduction	$4.91
LIEAF Factor	$1.50	LIEAF Factor	$1.50

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	176.085	$179.60	$3.51	1.99%	17.96¢
2	3,000	$439.36	$446.11	$6.75	1.54%	14.87¢
3	5,000	$702.63	$712.62	$9.99	1.42%	14.25¢
4	7,000	$965.90	$979.13	$13.23	1.37%	13.99¢
5	8,000	$1,097.53	$1,112.38	$14.85	1.35%	13.90¢
6	9,000	$1,229.17	$1,245.64	$16.47	1.34%	13.84¢
7	10,000	$1,360.80	$1,378.89	$18.09	1.33%	13.79¢
8	12,000	$1,624.07	$1,645.40	$21.33	1.31%	13.71¢
9	13,000	$1,755.71	$1,778.66	$22.95	1.31%	13.68¢
10	15,000	$2,018.98	$2,045.17	$26.19	1.30%	13.63¢
11	17,000	$2,282.25	$2,311.68	$29.43	1.29%	13.60¢
12	20,000	$2,677.15	$2,711.44	$34.29	1.28%	13.56¢
13	28,000	$3,730.23	$3,777.48	$47.25	1.27%	13.49¢
14	30,000	$3,993.50	$4,043.99	$50.49	1.26%	13.48¢
15	35,000	$4,651.68	$4,710.27	$58.59	1.26%	13.46¢
16	40,000	$5,309.85	$5,376.54	$66.69	1.26%	13.44¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D11
Primary Less Than 24kV

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 32 of 60

Present Rates and Current Surcharges:			Proposed Rates and Current Surcharges:	
Power Supply			**Power Supply**	
Capacity:			**Capacity:**	
Power Supply Demand		$9.23	Power Supply Demand	$10.27
Voltage Level Discount		$0.00	Voltage Level Adjustment	$0.00
Energy Charge			Energy Charge	
Voltage Level Discount			Voltage Level Discount	
Non-Capacity:			**Non-Capacity:**	
Power Supply Demand		$7.86	Power Supply Demand	$7.34
Voltage Level Discount		$0.00	Voltage Level Discount	$0.00
Energy			Energy	
On-Peak Rate		$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate		$0.03300	Off-Peak Rate	$0.03409
Voltage Discount			Voltage Discount	
Surcharges:			Surcharges:	
PSCR		$0.00000	PSCR	$0.00000
REPS	>41,500kWh/	$0.00	REPS	$0.00
	11,501-41,50	$0.00		$0.00
Distribution			**Distribution**	
Service Charge:		$70	Service Charge:	$70
Distribution Charges:			Distribution Charges:	
Demand		$7.15	Demand	$7.36
Energy			Energy	
Substation Credit		$0.00	Substation Credit	$0.00
Surcharges:			Surcharges:	
NDS		$0.000890	NDS	$0.000890
Energy Waste Reduction		$1,874.49	Energy Waste Reduction	$1,874.49
IRM		$0.2743	IRM	$0.2743

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	@	30%	$3,724	$3,776	$53	1.42%	25.18¢
2	50	400	@	30%	$3,908	$3,966	$58	1.49%	19.83¢
3	50	500	@	25%	$4,080	$4,144	$64	1.56%	16.57¢
4	50	600	@	25%	$4,262	$4,331	$69	1.62%	14.44¢
5	50	650	@	25%	$4,353	$4,425	$72	1.65%	13.61¢
6									
7	100	300	@	30%	$5,503	$5,608	$106	1.92%	18.69¢
8	100	400	@	30%	$5,872	$5,988	$117	1.99%	14.97¢
9	100	500	@	25%	$6,215	$6,343	$128	2.05%	12.69¢
10	100	600	@	25%	$6,579	$6,718	$138	2.10%	11.20¢
11	100	650	@	25%	$6,761	$6,905	$144	2.13%	10.62¢
12									
13	500	300	@	30%	$19,735	$20,264	$528	2.68%	13.51¢
14	500	400	@	30%	$21,580	$22,163	$583	2.70%	11.08¢
15	500	500	@	25%	$23,299	$23,937	$638	2.74%	9.57¢
16	500	600	@	25%	$25,119	$25,811	$692	2.75%	8.60¢
17	500	650	@	25%	$26,028	$26,748	$719	2.76%	8.23¢
18									
19	1,000	300	@	30%	$37,526	$38,583	$1,057	2.82%	12.86¢
20	1,000	400	@	30%	$41,215	$42,381	$1,166	2.83%	10.60¢
21	1,000	500	@	25%	$44,654	$45,929	$1,275	2.86%	9.19¢
22	1,000	600	@	25%	$48,293	$49,677	$1,384	2.87%	8.28¢
23	1,000	650	@	25%	$50,112	$51,551	$1,439	2.87%	7.93¢
24									
25	5,000	300	@	30%	$179,851	$185,136	$5,285	2.94%	12.34¢
26	5,000	400	@	30%	$198,296	$204,126	$5,830	2.94%	10.21¢
27	5,000	500	@	25%	$215,491	$221,866	$6,375	2.96%	8.87¢
28	5,000	600	@	25%	$233,686	$240,606	$6,920	2.96%	8.02¢
29	5,000	650	@	25%	$242,783	$249,976	$7,193	2.96%	7.69¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D11
Subtransmission 24 to 41.6kV

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 33 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	$9.23	Power Supply Demand	$10.27
Voltage Level Discount	($0.19)	Voltage Level Adjustment	($0.21)
Energy Charge	$0.00000	Energy Charge	$0.00000
Voltage Level Discount		Voltage Level Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	$7.86	Power Supply Demand	$7.34
Voltage Level Discount	($0.16)	Voltage Level Discount	($0.15)
Energy		Energy	
On-Peak Rate	$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate	$0.03300	Off-Peak Rate	$0.03409
Voltage Discount	($0.00063)	Voltage Discount	($0.00065)
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh/month	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$375	Service Charge:	$375
Distribution Charges:		Distribution Charges:	
Demand	$1.84	Demand	$2.01
Energy		Energy	
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.1018	IRM	$0.1018

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$31,809	$32,810	$1,001	3.15%	10.94¢
2	1,000	400	@	30%	$35,435	$36,543	$1,108	3.13%	9.14¢
3	1,000	500	@	25%	$38,811	$40,026	$1,215	3.13%	8.01¢
4	1,000	600	@	25%	$42,387	$43,709	$1,322	3.12%	7.28¢
5	1,000	650	@	25%	$44,175	$45,551	$1,376	3.11%	7.01¢
6									
7	5,000	300	@	30%	$150,048	$155,053	$5,005	3.34%	10.34¢
8	5,000	400	@	30%	$168,178	$173,718	$5,540	3.29%	8.69¢
9	5,000	500	@	25%	$185,058	$191,133	$6,075	3.28%	7.65¢
10	5,000	600	@	25%	$202,938	$209,548	$6,610	3.26%	6.98¢
11	5,000	650	@	25%	$211,878	$218,756	$6,878	3.25%	6.73¢
12									
13	10,000	300	@	30%	$297,847	$307,857	$10,010	3.36%	10.26¢
14	10,000	400	@	30%	$334,107	$345,187	$11,080	3.32%	8.63¢
15	10,000	500	@	25%	$367,867	$380,017	$12,150	3.30%	7.60¢
16	10,000	600	@	25%	$403,627	$416,847	$13,220	3.28%	6.95¢
17	10,000	650	@	25%	$421,507	$435,262	$13,755	3.26%	6.70¢
18									
19	50,000	300	@	30%	$1,480,239	$1,530,289	$50,050	3.38%	10.20¢
20	50,000	400	@	30%	$1,661,539	$1,716,939	$55,400	3.33%	8.58¢
21	50,000	500	@	25%	$1,830,339	$1,891,089	$60,750	3.32%	7.56¢
22	50,000	600	@	25%	$2,009,139	$2,075,239	$66,100	3.29%	6.92¢
23	50,000	650	@	25%	$2,098,539	$2,167,314	$68,775	3.28%	6.67¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D11
Transmission 120kV and above

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 34 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	$9.23	Power Supply Demand	$10.27
Voltage Level Discount	($0.39000)	Voltage Level Adjustment	($0.43000)
Energy Charge	$0.00000	Energy Charge	$0.00000
Voltage Level Discount		Voltage Level Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	$7.86	Power Supply Demand	$7.34
Voltage Level Discount	($0.33)	Voltage Level Discount	($0.31)
Energy		Energy	
On-Peak Rate	$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate	$0.03300	Off-Peak Rate	$0.03409
Voltage Discount	($0.00140)	Voltage Level Adjustment	($0.00144)
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh/month	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$375	Service Charge:	$375
Distribution Charges:		Distribution Charges:	
Demand	$0.98	Demand	$1.11
Energy		Energy	
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.0000	IRM	$0.0000

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$30,246	$31,191	$945	3.12%	10.40¢
2	1,000	400	@	30%	$33,795	$34,845	$1,050	3.11%	8.71¢
3	1,000	500	@	25%	$37,094	$38,249	$1,155	3.11%	7.65¢
4	1,000	600	@	25%	$40,593	$41,853	$1,260	3.10%	6.98¢
5	1,000	650	@	25%	$42,343	$43,655	$1,313	3.10%	6.72¢
6									
7	5,000	300	@	30%	$142,234	$146,959	$4,725	3.32%	9.80¢
8	5,000	400	@	30%	$159,979	$165,229	$5,250	3.28%	8.26¢
9	5,000	500	@	25%	$176,474	$182,249	$5,775	3.27%	7.29¢
10	5,000	600	@	25%	$193,969	$200,269	$6,300	3.25%	6.68¢
11	5,000	650	@	25%	$202,717	$209,279	$6,563	3.24%	6.44¢
12									
13	10,000	300	@	30%	$282,219	$291,669	$9,450	3.35%	9.72¢
14	10,000	400	@	30%	$317,709	$328,209	$10,500	3.30%	8.21¢
15	10,000	500	@	25%	$350,699	$362,249	$11,550	3.29%	7.24¢
16	10,000	600	@	25%	$385,689	$398,289	$12,600	3.27%	6.64¢
17	10,000	650	@	25%	$403,184	$416,309	$13,125	3.26%	6.40¢
18									
19	50,000	300	@	30%	$1,402,099	$1,449,349	$47,250	3.37%	9.66¢
20	50,000	400	@	30%	$1,579,549	$1,632,049	$52,500	3.32%	8.16¢
21	50,000	500	@	25%	$1,744,499	$1,802,249	$57,750	3.31%	7.21¢
22	50,000	600	@	25%	$1,919,449	$1,982,449	$63,000	3.28%	6.61¢
23	50,000	650	@	25%	$2,006,924	$2,072,549	$65,625	3.27%	6.38¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Educational Institution Rate - D6.2
Primary Less Than 24kV

Case No.: U-22046
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	$10.34	Power Supply Demand	$10.30
Voltage Level Adjustment		Voltage Level Adjustment	
Energy Charge		Energy Charge	
Voltage Discount		Voltage Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	$3.99	Power Supply Demand	$3.85
Voltage Level Discount		Voltage Level Discount	
Energy		Energy	
On-Peak Rate	$0.04535	On-Peak Rate	$0.04480
Off-Peak Rate	$0.04235	Off-Peak Rate	$0.04180
Voltage Discount	$0.00000	Voltage Discount	$0.00000
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh/month	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$70	Service Charge:	$70
Distribution Charges:		Distribution Charges:	
Demand	$7.15	Demand	$7.36
Energy		Energy	
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.2743		$0.2743

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line No.	Monthly kW Demand	Hours Use		Percent	Present Net Monthly Bill	Proposed Net Monthly Bill	Increase Amount	Increase Percent	Proposed Unit Cost
1	50	300	@	30%	$3,694	$3,688	-$7	-0.18%	24.58¢
2	50	400	@	30%	$3,915	$3,906	-$10	-0.24%	19.53¢
3	50	500	@	25%	$4,132	$4,120	-$12	-0.30%	16.48¢
4	50	600	@	25%	$4,352	$4,337	-$15	-0.34%	14.46¢
5	50	650	@	25%	$4,462	$4,446	-$16	-0.37%	13.68¢
6									
7	100	300	@	30%	$5,444	$5,431	-$14	-0.25%	18.10¢
8	100	400	@	30%	$5,886	$5,867	-$19	-0.32%	14.67¢
9	100	500	@	25%	$6,319	$6,295	-$25	-0.39%	12.59¢
10	100	600	@	25%	$6,759	$6,729	-$30	-0.44%	11.22¢
11	100	650	@	25%	$6,979	$6,947	-$33	-0.47%	10.69¢
12									
13	500	300	@	30%	$19,443	$19,375	-$68	-0.35%	12.92¢
14	500	400	@	30%	$21,650	$21,555	-$95	-0.44%	10.78¢
15	500	500	@	25%	$23,819	$23,697	-$123	-0.51%	9.48¢
16	500	600	@	25%	$26,019	$25,869	-$150	-0.58%	8.62¢
17	500	650	@	25%	$27,118	$26,955	-$164	-0.60%	8.29¢
18									
19	1,000	300	@	30%	$36,941	$36,806	-$135	-0.37%	12.27¢
20	1,000	400	@	30%	$41,355	$41,165	-$190	-0.46%	10.29¢
21	1,000	500	@	25%	$45,694	$45,449	-$245	-0.54%	9.09¢
22	1,000	600	@	25%	$50,093	$49,793	-$300	-0.60%	8.30¢
23	1,000	650	@	25%	$52,292	$51,965	-$328	-0.63%	7.99¢
24									
25	5,000	300	@	30%	$176,926	$176,251	-$675	-0.38%	11.75¢
26	5,000	400	@	30%	$198,996	$198,046	-$950	-0.48%	9.90¢
27	5,000	500	@	25%	$220,691	$219,466	-$1,225	-0.56%	8.78¢
28	5,000	600	@	25%	$242,686	$241,186	-$1,500	-0.62%	8.04¢
29	5,000	650	@	25%	$253,683	$252,046	-$1,638	-0.65%	7.76¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Educational Institution Rate - D6.2
Subtransmission 24 to 41.6kV

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Present Rates and Current Surcharges:	
Power Supply	
Capacity:	
Power Supply Demand	$10.34
Voltage Level Discount	($0.21)
Energy Charge	$0.00
Voltage Discount	
Non-Capacity:	
Power Supply Demand	$3.99
Voltage Level Discount	($0.08)
Energy	
On-Peak Rate	$0.04535
Off-Peak Rate	$0.04235
Voltage Discount	($0.00076)
Surcharges:	
PSCR	$0.00000
REPS >41,500kWh/month	$0.00
11,501-41,500 kWh/month	$0.00
Distribution	
Service Charge:	$375
Distribution Charges:	
Demand	$1.84
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.1018

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
Power Supply Demand	$10.30
Voltage Level Adjustment	($0.21)
Energy Charge	$0.00000
Voltage Discount	
Non-Capacity:	
Power Supply Demand	$3.85
Voltage Level Discount	($0.08)
Energy	
On-Peak Rate	$0.04480
Off-Peak Rate	$0.04180
Voltage Discount	($0.00076)
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$375
Distribution Charges:	
Demand	$2.01
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
	$0.1018

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$31,245	$31,070	-$175	-0.56%	10.36¢
2	1,000	400	@	30%	$35,583	$35,353	-$230	-0.65%	8.84¢
3	1,000	500	@	25%	$39,846	$39,561	-$285	-0.72%	7.91¢
4	1,000	600	@	25%	$44,169	$43,829	-$340	-0.77%	7.30¢
5	1,000	650	@	25%	$46,331	$45,963	-$368	-0.79%	7.07¢
6									
7	5,000	300	@	30%	$147,228	$146,353	-$875	-0.59%	9.76¢
8	5,000	400	@	30%	$168,918	$167,768	-$1,150	-0.68%	8.39¢
9	5,000	500	@	25%	$190,233	$188,808	-$1,425	-0.75%	7.55¢
10	5,000	600	@	25%	$211,848	$210,148	-$1,700	-0.80%	7.00¢
11	5,000	650	@	25%	$222,656	$220,818	-$1,838	-0.83%	6.79¢
12									
13	10,000	300	@	30%	$292,207	$290,457	-$1,750	-0.60%	9.68¢
14	10,000	400	@	30%	$335,587	$333,287	-$2,300	-0.69%	8.33¢
15	10,000	500	@	25%	$378,217	$375,367	-$2,850	-0.75%	7.51¢
16	10,000	600	@	25%	$421,447	$418,047	-$3,400	-0.81%	6.97¢
17	10,000	650	@	25%	$443,062	$439,387	-$3,675	-0.83%	6.76¢
18									
19	50,000	300	@	30%	$1,452,039	$1,443,289	-$8,750	-0.60%	9.62¢
20	50,000	400	@	30%	$1,668,939	$1,657,439	-$11,500	-0.69%	8.29¢
21	50,000	500	@	25%	$1,882,089	$1,867,839	-$14,250	-0.76%	7.47¢
22	50,000	600	@	25%	$2,098,239	$2,081,239	-$17,000	-0.81%	6.94¢
23	50,000	650	@	25%	$2,206,314	$2,187,939	-$18,375	-0.83%	6.73¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Educational Institution Rate - D6.2
Transmission 120kV and above

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Present Rates and Current Surcharges:	
Power Supply	
Capacity:	
Power Supply Demand	$10.34
Voltage Level Discount	($0.44)
Energy Charge	$0.00000
Voltage Discount	
Non-Capacity:	
Power Supply Demand	$3.99
Voltage Level Discount	($0.17)
Energy	
On-Peak Rate	$0.04535
Off-Peak Rate	$0.04235
Voltage Discount	($0.00170)
Surcharges:	
PSCR	$0.00000
REPS >41,500kWh/month	$0.00
11,501-41,500 kWh/month	$0.00
Distribution	
Service Charge:	$375
Distribution Charges:	
Demand	$0.98
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.0000

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
Power Supply Demand	$10.30
Voltage Level Adjustment	($0.43)
Energy Charge	$0.00000
Voltage Discount	
Non-Capacity:	
Power Supply Demand	$3.85
Voltage Level Discount	($0.16)
Energy	
On-Peak Rate	$0.04480
Off-Peak Rate	$0.04180
Voltage Discount	($0.00168)
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$375
Distribution Charges:	
Demand	$1.11
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.0000

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$29,681	$29,492	-$189	-0.64%	9.83¢
2	1,000	400	@	30%	$33,925	$33,683	-$242	-0.71%	8.42¢
3	1,000	500	@	25%	$38,094	$37,799	-$295	-0.77%	7.56¢
4	1,000	600	@	25%	$42,323	$41,975	-$348	-0.82%	7.00¢
5	1,000	650	@	25%	$44,438	$44,063	-$375	-0.84%	6.78¢
6									
7	5,000	300	@	30%	$139,409	$138,464	-$945	-0.68%	9.23¢
8	5,000	400	@	30%	$160,629	$159,419	-$1,210	-0.75%	7.97¢
9	5,000	500	@	25%	$181,474	$179,999	-$1,475	-0.81%	7.20¢
10	5,000	600	@	25%	$202,619	$200,879	-$1,740	-0.86%	6.70¢
11	5,000	650	@	25%	$213,192	$211,319	-$1,873	-0.88%	6.50¢
12									
13	10,000	300	@	30%	$276,569	$274,679	-$1,890	-0.68%	9.16¢
14	10,000	400	@	30%	$319,009	$316,589	-$2,420	-0.76%	7.91¢
15	10,000	500	@	25%	$360,699	$357,749	-$2,950	-0.82%	7.15¢
16	10,000	600	@	25%	$402,989	$399,509	-$3,480	-0.86%	6.66¢
17	10,000	650	@	25%	$424,134	$420,389	-$3,745	-0.88%	6.47¢
18									
19	50,000	300	@	30%	$1,373,849	$1,364,399	-$9,450	-0.69%	9.10¢
20	50,000	400	@	30%	$1,586,049	$1,573,949	-$12,100	-0.76%	7.87¢
21	50,000	500	@	25%	$1,794,499	$1,779,749	-$14,750	-0.82%	7.12¢
22	50,000	600	@	25%	$2,005,949	$1,988,549	-$17,400	-0.87%	6.63¢
23	50,000	650	@	25%	$2,111,674	$2,092,949	-$18,725	-0.89%	6.44¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Supply Rate - D8
Primary Less Than 24kV

Case No.: U-22046
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	4.33	Power Supply Demand	4.93
Voltage Level Discount	$0.00	Voltage Level Adjustment	$0.00
Product Protection	$9.23	Product Protection	$10.27
Voltage Level Discount	$0.00	Voltage Level Adjustment	$0.00
Energy Charge		Energy Charge	
Voltage Discount		Voltage Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	6.17	Power Supply Demand	5.68
Voltage Level Discount	$0.00	Voltage Level Adjustment	$0.00
Product Protection	$7.86	Product Protection	$7.34
Voltage Level Discount	$0.00	Voltage Level Adjustment	$0.00
Energy		Energy	
On-Peak Rate	$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate	$0.03300	Off-Peak Rate	$0.03409
Voltage Discount	$0.00000	Voltage Discount	$0.00000
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh/month	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$70	Service Charge:	$70
Distribution Charges:		Distribution Charges:	
Demand	$7.15	Demand	$7.36
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.2743	IRM	$0.2743

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	@	30%	$3,460	$3,496	$36	1.05%	23.31¢
2	50	400	@	25%	$3,634	$3,676	$42	1.15%	18.38¢
3	50	500	@	25%	$3,816	$3,864	$47	1.24%	15.45¢
4	50	600	@	25%	$3,998	$4,051	$53	1.32%	13.50¢
5									
6	100	300	@	30%	$4,975	$5,048	$73	1.47%	16.83¢
7	100	400	@	25%	$5,324	$5,408	$84	1.57%	13.52¢
8	100	500	@	25%	$5,688	$5,783	$95	1.66%	11.57¢
9	100	600	@	25%	$6,052	$6,158	$106	1.74%	10.26¢
10									
11	500	300	@	30%	$17,099	$17,464	$365	2.13%	11.64¢
12	500	400	@	25%	$18,844	$19,263	$419	2.22%	9.63¢
13	500	500	@	25%	$20,663	$21,137	$474	2.29%	8.45¢
14	500	600	@	25%	$22,483	$23,011	$528	2.35%	7.67¢
15									
16	1,000	300	@	30%	$32,254	$32,983	$729	2.26%	10.99¢
17	1,000	400	@	25%	$35,743	$36,581	$838	2.34%	9.15¢
18	1,000	500	@	25%	$39,382	$40,329	$947	2.40%	8.07¢
19	1,000	600	@	25%	$43,021	$44,077	$1,056	2.45%	7.35¢
20									
21	5,000	300	@	30%	$153,491	$157,136	$3,645	2.37%	10.48¢
22	5,000	400	@	25%	$170,936	$175,126	$4,190	2.45%	8.76¢
23	5,000	500	@	25%	$189,131	$193,866	$4,735	2.50%	7.75¢
24	5,000	600	@	25%	$207,326	$212,606	$5,280	2.55%	7.09¢

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use catagories were changed to better reflect actual load characteristics

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Supply Rate - D8
Subtransmission 24 to 41.6kV

Case No.: U-22046
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Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	$4.33	Power Supply Demand	$4.93
Voltage Level Discount	($0.09)	Voltage Level Adjustment	($0.10)
Product Protection	$9.23	Product Protection	$10.27
Voltage Level Discount	($0.19)	Voltage Level Adjustment	($0.21)
Energy Charge	$0.00000	Energy Charge	$0.00000
Voltage Discount		Voltage Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	$6.17	Power Supply Demand	$5.68
Voltage Level Discount	($0.13)	Voltage Level Adjustment	($0.12)
Product Protection	$7.86	Product Protection	$7.34
Voltage Level Discount	($0.16)	Voltage Level Adjustment	($0.15)
Energy		Energy	
On-Peak Rate	$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate	$0.03300	Off-Peak Rate	$0.03409
Voltage Discount	($0.00063)	Voltage Discount	($0.00065)
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh/	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$375	Service Charge:	$375
Distribution Charges:		Distribution Charges:	
Demand	$1.84	Demand	$2.01
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.1018	IRM	$0.1018

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$26,641	$27,322	$681	2.56%	9.11¢
2	1,000	400	@	25%	$30,067	$30,855	$788	2.62%	7.71¢
3	1,000	500	@	25%	$33,643	$34,538	$895	2.66%	6.91¢
4	1,000	600	@	25%	$37,219	$38,221	$1,002	2.69%	6.37¢
5									
6	5,000	300	@	30%	$124,208	$127,613	$3,405	2.74%	8.51¢
7	5,000	400	@	25%	$141,338	$145,278	$3,940	2.79%	7.26¢
8	5,000	500	@	25%	$159,218	$163,693	$4,475	2.81%	6.55¢
9	5,000	600	@	25%	$177,098	$182,108	$5,010	2.83%	6.07¢
10									
11	10,000	300	@	30%	$246,167	$252,977	$6,810	2.77%	8.43¢
12	10,000	400	@	25%	$280,427	$288,307	$7,880	2.81%	7.21¢
13	10,000	500	@	25%	$316,187	$325,137	$8,950	2.83%	6.50¢
14	10,000	600	@	25%	$351,947	$361,967	$10,020	2.85%	6.03¢
15									
16	50,000	300	@	30%	$1,221,839	$1,255,889	$34,050	2.79%	8.37¢
17	50,000	400	@	25%	$1,393,139	$1,432,539	$39,400	2.83%	7.16¢
18	50,000	500	@	25%	$1,571,939	$1,616,689	$44,750	2.85%	6.47¢
19	50,000	600	@	25%	$1,750,739	$1,800,839	$50,100	2.86%	6.00¢

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use catagories were changed to better reflect actual load characteristics

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Supply Rate - D8
Transmission 120kV and above

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 40 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Power Supply Demand	$4.33	Power Supply Demand	$4.93
Voltage Level Discount	($0.18)	Voltage Level Adjustment	(0.21)
Product Protection	$9.23	Product Protection	$10.27
Voltage Level Discount	($0.39)	Voltage Level Adjustment	($0.43)
Energy Charge	$0.0000	Energy Charge	$0.00000
Voltage Discount		Voltage Discount	
Non-Capacity:		**Non-Capacity:**	
Power Supply Demand	$6.17	Power Supply Demand	$5.68
Voltage Level Discount	($0.26)	Voltage Level Adjustment	(0.24)
Product Protection	$7.86	Product Protection	$7.34
Voltage Level Discount	($0.33)	Voltage Level Adjustment	($0.31)
Energy		Energy	
On-Peak Rate	$0.04300	On-Peak Rate	$0.04409
Off-Peak Rate	$0.03300	Off-Peak Rate	$0.03409
Voltage Discount	($0.00140)	Voltage Discount	($0.00144)
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS >41,500kWh/month	$0.00	REPS	$0.00
11,501-41,500 kWh	$0.00		$0.00
Distribution		**Distribution**	
Service Charge:	$375	Service Charge:	$375
Distribution Charges:		Distribution Charges:	
Demand	$0.98	Demand	$1.11
Substation Credit	$0.00	Substation Credit	$0.00
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.0000	IRM	$0.0000

	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)
Line	Monthly	Hours			Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use		Percent	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	1,000	300	@	30%	$25,198	$25,823	$625	2.48%	8.61¢
2	1,000	400	@	25%	$28,547	$29,277	$730	2.56%	7.32¢
3	1,000	500	@	25%	$32,046	$32,881	$835	2.61%	6.58¢
4	1,000	600	@	25%	$35,545	$36,485	$940	2.64%	6.08¢
5									
6	5,000	300	@	30%	$116,994	$120,119	$3,125	2.67%	8.01¢
7	5,000	400	@	25%	$133,739	$137,389	$3,650	2.73%	6.87¢
8	5,000	500	@	25%	$151,234	$155,409	$4,175	2.76%	6.22¢
9	5,000	600	@	25%	$168,729	$173,429	$4,700	2.79%	5.78¢
10									
11	10,000	300	@	30%	$231,739	$237,989	$6,250	2.70%	7.93¢
12	10,000	400	@	25%	$265,229	$272,529	$7,300	2.75%	6.81¢
13	10,000	500	@	25%	$300,219	$308,569	$8,350	2.78%	6.17¢
14	10,000	600	@	25%	$335,209	$344,609	$9,400	2.80%	5.74¢
15									
16	50,000	300	@	30%	$1,149,699	$1,180,949	$31,250	2.72%	7.87¢
17	50,000	400	@	25%	$1,317,149	$1,353,649	$36,500	2.77%	6.77¢
18	50,000	500	@	25%	$1,492,099	$1,533,849	$41,750	2.80%	6.14¢
19	50,000	600	@	25%	$1,667,049	$1,714,049	$47,000	2.82%	5.71¢

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use catagories were changed to better reflect actual load characteristics

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
All Electric School Buildings Rate - D10
November Thru May

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:			Proposed Rates and Current Surcharges:	
Power Supply			**Power Supply**	
Capacity:			**Capacity:**	
Energy Charge		$0.01508	Energy Charge	$0.01717
Non-Capacity:			**Non-Capacity:**	
Energy Charge		$0.06105	Energy Charge	$0.06147
Surcharges:			Surcharges:	
PSCR		$0.00000	PSCR	$0.00000
REPS	>41,500kWh/month	$0.00	REPS	$0.00
	11,501-41,500 kWh/month	$0.00		$0.00
Distribution			**Distribution**	
Service Charge		$70	Service Charge	$70
Distribution Energy Charge		$0.02149	Distribution Energy Charge	$0.02351
Surcharges:			Surcharges:	
NDS		$0.000890	NDS	$0.000890
Energy Waste Reduction		$1,874.49	Energy Waste Reduction	$1,874.49
IRM		$0.000825	IRM	$0.000825

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	40,000	$5,918	$6,099	$181.20	3.06%	15.25¢
2	50,000	$6,911	$7,138	$226.50	3.28%	14.28¢
3	60,000	$7,905	$8,176	$271.80	3.44%	13.63¢
4	70,000	$8,898	$9,215	$317.10	3.56%	13.16¢
5	80,000	$9,891	$10,254	$362.40	3.66%	12.82¢
6	90,000	$10,885	$11,292	$407.70	3.75%	12.55¢
7	100,000	$11,878	$12,331	$453.00	3.81%	12.33¢
8	110,000	$12,871	$13,370	$498.30	3.87%	12.15¢
9	120,000	$13,865	$14,408	$543.60	3.92%	12.01¢
10	130,000	$14,858	$15,447	$588.90	3.96%	11.88¢
11	140,000	$15,851	$16,486	$634.20	4.00%	11.78¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
All Electric School Buildings Rate - D10
June Thru October

Present Rates and Current Surcharges:			Proposed Rates and Current Surcharges:	
Power Supply			**Power Supply**	
Capacity:			**Capacity:**	
Energy Charge		$0.03521	Energy Charge	$0.03730
Non-Capacity:			**Non-Capacity:**	
Energy Charge		$0.06105	Energy Charge	$0.06147
Surcharges:			Surcharges:	
PSCR		$0.00000	PSCR	$0.00000
REPS	>41,500kWh/month	$0.00	REPS	$0.00
	11,501-41,500 kWh/month	$0.00		$0.00
Distribution			**Distribution**	
Service Charge		$70	Service Charge	$70
Distribution Energy Charge		$0.02149	Distribution Energy Charge	$0.02351
Surcharges:			Surcharges:	
NDS		$0.000890	NDS	$0.000890
Energy Waste Reduction		$1,874.49	Energy Waste Reduction	$1,874.49
IRM		$0.000825		$0.000825

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	40,000	$6,723	$6,904	$181.20	2.70%	17.26¢
2	60,000	$9,112	$9,384	$271.80	2.98%	15.64¢
3	80,000	$11,502	$11,864	$362.40	3.15%	14.83¢
4	100,000	$13,891	$14,344	$453.00	3.26%	14.34¢
5	120,000	$16,280	$16,824	$543.60	3.34%	14.02¢
6	140,000	$18,670	$19,304	$634.20	3.40%	13.79¢
7	160,000	$21,059	$21,784	$724.80	3.44%	13.61¢
8	180,000	$23,448	$24,264	$815.40	3.48%	13.48¢
9	200,000	$25,837	$26,743	$906.00	3.51%	13.37¢
10	220,000	$28,227	$29,223	$996.60	3.53%	13.28¢
11	240,000	$30,616	$31,703	$1,087.20	3.55%	13.21¢
12	260,000	$33,005	$34,183	$1,177.80	3.57%	13.15¢
13	280,000	$35,395	$36,663	$1,268.40	3.58%	13.09¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
XL High Load Factor Rate - D13
Primary

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy Charge	$0.01514	Energy Charge	$0.01514
Non-Capacity:		**Non-Capacity:**	
Energy Charge	$0.03087	Energy Charge	$0.02973
Transmission Charge	$0.00308	Transmission Charge	$0.00308
Surcharges:		Surcharges:	
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Service Charge	$70	Service Charge	$70
Distribution Energy Charge	$0.01088	Distribution Energy Charge	$0.01120
Administration Charge	$0.00015	Administration Charge	$0.00015
Surcharges:		Surcharges:	
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000501	IRM	$0.000501

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	27,000,000	$1,638,711	$1,616,571	-$22,140	-1.35%	5.99¢
2	29,000,000	$1,759,953	$1,736,173	-$23,780	-1.35%	5.99¢
3	31,000,000	$1,881,195	$1,855,775	-$25,420	-1.35%	5.99¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
XL High Load Factor Rate - D13
Subtransmission

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher

Present Rates and Current Surcharges:	
Power Supply	
Capacity:	
Energy Charge	$0.01514
Non-Capacity:	
Energy Charge	$0.03087
Transmission Charge	$0.00308
Surcharges:	
REPS	$0.00
Distribution	
Service Charge	$375
Distribution Energy Charge	$0.00281
Administration Charge	$0.00015
Surcharges:	
Energy Waste Reduction	$1,874.49
IRM	$0.000186

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
Energy Charge	$0.01514
Non-Capacity:	
Energy Charge	$0.02973
Transmission Charge	$0.00308
Surcharges:	
REPS	$0.00
Distribution	
Service Charge	$375
Distribution Energy Charge	$0.00306
Administration Charge	$0.00015
Surcharges:	
Energy Waste Reduction	$1,874.49
IRM	$0.000186

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	27,000,000	$1,412,621	$1,388,591	-$24,030	-1.70%	5.14¢
2	29,000,000	$1,517,093	$1,491,283	-$25,810	-1.70%	5.14¢
3	31,000,000	$1,621,565	$1,593,975	-$27,590	-1.70%	5.14¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
XL High Load Factor Rate - D13
Transmission

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy Charge	$0.01514	Energy Charge	$0.01514
Non-Capacity:		**Non-Capacity:**	
Energy Charge	$0.03087	Energy Charge	$0.02973
Transmission Charge	$0.00308	Transmission Charge	$0.00308
Surcharges:		Surcharges:	
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Service Charge	$375	Service Charge	$375
Distribution Energy Charge	0.00149	Distribution Energy Charge	0.00170
Administration Charge	$0.00015	Administration Charge	$0.00015
Surcharges:		Surcharges:	
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000000	IRM	$0.000000

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Monthly	Present Net	Proposed Net	Increase		Proposed
No.	kWh Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	27,000,000	$1,371,959	$1,346,849	-$25,110	-1.83%	4.99¢
2	29,000,000	$1,473,419	$1,446,449	-$26,970	-1.83%	4.99¢
3	31,000,000	$1,574,879	$1,546,049	-$28,830	-1.83%	4.99¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Primary Less Than 24kV (June Thru September)

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:

Power Supply		
Capacity:		
June-Sept On Peak		$0.02766
June-Sept Off Peak		$0.01650
Voltage Level Discount		$0.00
Non-Capacity:		
June-Sept On Peak		$0.08044
June-Sept Off Peak		$0.04800
Voltage Level Discount		$0.00
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00
	11,501-41,500 kWh/month	$0.00
Distribution		
Service Charge:		$70
Distribution Charges:		
Demand		$7.15
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.2743

Proposed Rates and Current Surcharges:

Power Supply	
Capacity:	
June-Sept On Peak	$0.03205
June-Sept Off Peak	$0.01841
Voltage Level Adjustment	$0.00
Non-Capacity:	
June-Sept On Peak	$0.08384
June-Sept Off Peak	$0.04816
Voltage Level Discount	$0.00
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$70
Distribution Charges:	
Demand	$7.36
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.2743

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,394	$3,448	$54	1.60%	22.99¢
2	50	400	$3,753	$3,822	$69	1.84%	19.11¢
3	50	500	$4,113	$4,196	$84	2.03%	16.78¢
4	50	600	$4,472	$4,570	$98	2.19%	15.23¢
5	50	650	$4,652	$4,757	$105	2.27%	14.64¢
6							
7	100	300	$4,843	$4,952	$109	2.24%	16.51¢
8	100	400	$5,562	$5,700	$138	2.48%	14.25¢
9	100	500	$6,281	$6,448	$167	2.66%	12.90¢
10	100	600	$6,999	$7,195	$196	2.80%	11.99¢
11	100	650	$7,359	$7,569	$211	2.87%	11.65¢
12							
13	500	300	$16,437	$16,981	$543	3.30%	11.32¢
14	500	400	$20,031	$20,720	$689	3.44%	10.36¢
15	500	500	$23,625	$24,460	$835	3.53%	9.78¢
16	500	600	$27,218	$28,199	$981	3.60%	9.40¢
17	500	650	$29,015	$30,069	$1,054	3.63%	9.25¢
18							
19	1,000	300	$30,930	$32,017	$1,086	3.51%	10.67¢
20	1,000	400	$38,118	$39,496	$1,378	3.62%	9.87¢
21	1,000	500	$45,305	$46,975	$1,670	3.69%	9.40¢
22	1,000	600	$52,492	$54,454	$1,962	3.74%	9.08¢
23	1,000	650	$56,086	$58,194	$2,108	3.76%	8.95¢
24							
25	5,000	300	$146,874	$152,305	$5,431	3.70%	10.15¢
26	5,000	400	$182,810	$189,701	$6,891	3.77%	9.49¢
27	5,000	500	$218,746	$227,097	$8,351	3.82%	9.08¢
28	5,000	600	$254,682	$264,494	$9,811	3.85%	8.82¢
29	5,000	650	$272,650	$283,192	$10,541	3.87%	8.71¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Primary Less Than 24kV (October-May)

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		
Power Supply		
Capacity:		
Oct-May On Peak		$0.01836
Oct-May Off Peak		$0.01650
Voltage Level Discount		$0.00
Non-Capacity:		
Oct-May On Peak		$0.05339
Oct-May Off Peak		$0.04800
Voltage Level Discount		$0.00
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00
	11,501-41,500 kWh/month	$0.00
Distribution		
Service Charge:		$70
Distribution Charges:		
Demand		$7.15
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.2743

Proposed Rates and Current Surcharges:		
Power Supply		
Capacity:		
Oct-May On Peak		$0.01973
Oct-May Off Peak		$0.01841
Voltage Level Discount		$0.00
Non-Capacity:		
Oct-May On Peak		$0.05162
Oct-May Off Peak		$0.04816
Voltage Level Discount		$0.00
Surcharges:		
PSCR		$0.00000
REPS		$0.00
		$0.00
Distribution		
Service Charge:		$70
Distribution Charges:		
Demand		$7.36
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.2743

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,313	$3,349	$36	1.08%	22.33¢
2	50	400	$3,646	$3,690	$44	1.22%	18.45¢
3	50	500	$3,978	$4,031	$53	1.33%	16.12¢
4	50	600	$4,311	$4,372	$61	1.42%	14.57¢
5	50	650	$4,477	$4,542	$66	1.46%	13.98¢
6							
7	100	300	$4,682	$4,754	$72	1.53%	15.85¢
8	100	400	$5,347	$5,436	$89	1.66%	13.59¢
9	100	500	$6,012	$6,117	$106	1.76%	12.23¢
10	100	600	$6,677	$6,799	$123	1.84%	11.33¢
11	100	650	$7,009	$7,140	$131	1.87%	10.99¢
12							
13	500	300	$15,631	$15,990	$359	2.30%	10.66¢
14	500	400	$18,956	$19,400	$444	2.34%	9.70¢
15	500	500	$22,281	$22,809	$528	2.37%	9.12¢
16	500	600	$25,606	$26,219	$613	2.39%	8.74¢
17	500	650	$27,268	$27,923	$655	2.40%	8.59¢
18							
19	1,000	300	$29,318	$30,036	$718	2.45%	10.01¢
20	1,000	400	$35,968	$36,855	$887	2.47%	9.21¢
21	1,000	500	$42,617	$43,674	$1,056	2.48%	8.73¢
22	1,000	600	$49,267	$50,493	$1,226	2.49%	8.42¢
23	1,000	650	$52,592	$53,902	$1,310	2.49%	8.29¢
24							
25	5,000	300	$138,812	$142,401	$3,589	2.59%	9.49¢
26	5,000	400	$172,060	$176,496	$4,436	2.58%	8.82¢
27	5,000	500	$205,309	$210,591	$5,282	2.57%	8.42¢
28	5,000	600	$238,557	$244,686	$6,128	2.57%	8.16¢
29	5,000	650	$255,182	$261,733	$6,552	2.57%	8.05¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Subtransmission 24 to 41.6kV (June Thru September)

Case No.: U-22046
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Present Rates and Current Surcharges:		
Power Supply		
Capacity:		
June-Sept On Peak		$0.02766
June-Sept Off Peak		$0.01650
Voltage Level Discount		($0.00031)
Non-Capacity:		
June-Sept On Peak		$0.08044
June-Sept Off Peak		$0.04800
Voltage Level Discount		($0.00089)
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00000
	11,501-41,500 kWh/month	$0.00000
Distribution		
Service Charge:		$375.00000
Distribution Charges:		
Demand		$1.84
Energy		
Substation Credit		
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.10180

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
June-Sept On Peak	$0.03205
June-Sept Off Peak	$0.01841
Voltage Level Adjustment	($0.00034)
Non-Capacity:	
June-Sept On Peak	$0.08384
June-Sept Off Peak	$0.04816
Voltage Level Discount	($0.00089)
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$375.00
Distribution Charges:	
Demand	$2.01
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.1018

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,407	$3,459	$52	1.52%	23.06¢
2	50	400	$3,760	$3,826	$66	1.76%	19.13¢
3	50	500	$4,113	$4,194	$81	1.96%	16.78¢
4	50	600	$4,467	$4,562	$95	2.13%	15.21¢
5	50	650	$4,643	$4,746	$102	2.21%	14.60¢
6							
7	100	300	$4,564	$4,668	$104	2.27%	15.56¢
8	100	400	$5,271	$5,403	$133	2.52%	13.51¢
9	100	500	$5,977	$6,139	$162	2.70%	12.28¢
10	100	600	$6,684	$6,874	$190	2.85%	11.46¢
11	100	650	$7,037	$7,242	$205	2.91%	11.14¢
12							
13	500	300	$13,821	$14,340	$519	3.75%	9.56¢
14	500	400	$17,355	$18,018	$663	3.82%	9.01¢
15	500	500	$20,888	$21,696	$808	3.87%	8.68¢
16	500	600	$24,422	$25,374	$952	3.90%	8.46¢
17	500	650	$26,189	$27,213	$1,024	3.91%	8.37¢
18							
19	1,000	300	$25,393	$26,430	$1,037	4.08%	8.81¢
20	1,000	400	$32,460	$33,786	$1,326	4.09%	8.45¢
21	1,000	500	$39,527	$41,143	$1,615	4.09%	8.23¢
22	1,000	600	$46,595	$48,499	$1,904	4.09%	8.08¢
23	1,000	650	$50,128	$52,177	$2,049	4.09%	8.03¢
24							
25	5,000	300	$117,967	$123,152	$5,186	4.40%	8.21¢
26	5,000	400	$153,303	$159,934	$6,631	4.33%	8.00¢
27	5,000	500	$188,639	$196,715	$8,076	4.28%	7.87¢
28	5,000	600	$223,975	$233,496	$9,521	4.25%	7.78¢
29	5,000	650	$241,643	$251,887	$10,244	4.24%	7.75¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Subtransmission 24 to 41.6kV (October-May)

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Present Rates and Current Surcharges:		
Power Supply		
Capacity:		
Oct-May On Peak		$0.01836
Oct-May Off Peak		$0.01650
Voltage Level Discount		($0.00031)
Non-Capacity:		
Oct-May On Peak		$0.05339
Oct-May Off Peak		$0.04800
Voltage Level Discount		($0.00089)
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00
	11,501-41,500 kWh/month	$0.00
Distribution		
Service Charge:		$375
Distribution Charges:		
Demand		$1.84
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.1018

Proposed Rates and Current Surcharges:		
Power Supply		
Capacity:		
Oct-May On Peak		$0.01973
Oct-May Off Peak		$0.01841
Voltage Level Discount		($0.00034)
Non-Capacity:		
Oct-May On Peak		$0.05162
Oct-May Off Peak		$0.04816
Voltage Level Discount		($0.00089)
Surcharges:		
PSCR		$0.00000
REPS		$0.00
		$0.00
Distribution		
Service Charge:		$375
Distribution Charges:		
Demand		$2.01
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.1018

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,326	$3,359	$33	1.01%	22.40¢
2	50	400	$3,653	$3,694	$42	1.14%	18.47¢
3	50	500	$3,979	$4,029	$50	1.26%	16.12¢
4	50	600	$4,305	$4,364	$58	1.36%	14.55¢
5	50	650	$4,469	$4,531	$63	1.40%	13.94¢
6							
7	100	300	$4,403	$4,469	$67	1.52%	14.90¢
8	100	400	$5,056	$5,139	$84	1.65%	12.85¢
9	100	500	$5,709	$5,809	$100	1.75%	11.62¢
10	100	600	$6,361	$6,478	$117	1.84%	10.80¢
11	100	650	$6,688	$6,813	$125	1.87%	10.48¢
12							
13	500	300	$13,015	$13,349	$334	2.57%	8.90¢
14	500	400	$16,280	$16,697	$418	2.56%	8.35¢
15	500	500	$19,545	$20,045	$501	2.56%	8.02¢
16	500	600	$22,810	$23,393	$584	2.56%	7.80¢
17	500	650	$24,442	$25,067	$625	2.56%	7.71¢
18							
19	1,000	300	$23,780	$24,449	$669	2.81%	8.15¢
20	1,000	400	$30,310	$31,145	$835	2.76%	7.79¢
21	1,000	500	$36,840	$37,841	$1,001	2.72%	7.57¢
22	1,000	600	$43,370	$44,537	$1,168	2.69%	7.42¢
23	1,000	650	$46,634	$47,885	$1,251	2.68%	7.37¢
24							
25	5,000	300	$109,904	$113,248	$3,344	3.04%	7.55¢
26	5,000	400	$142,553	$146,728	$4,176	2.93%	7.34¢
27	5,000	500	$175,201	$180,208	$5,007	2.86%	7.21¢
28	5,000	600	$207,850	$213,688	$5,838	2.81%	7.12¢
29	5,000	650	$224,174	$230,428	$6,254	2.79%	7.09¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Transmission 120kV and above (June Thru September)

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Present Rates and Current Surcharges:		
Power Supply		
Capacity:		
June-Sept On Peak		$0.02766
June-Sept Off Peak		$0.01650
Voltage Level Discount		($0.00068)
Non-Capacity:		
June-Sept On Peak		$0.08044
June-Sept Off Peak		$0.04800
Voltage Level Discount		($0.00198)
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00000
	11,501-41,500 kWh/month	$0.00000
Distribution		
Service Charge:		$375.00000
Distribution Charges:		
Demand		$0.98000
Energy		
Substation Credit		
Surcharges:		
NDS		$0.00089
Energy Waste Reduction		$1,874.49000
IRM		$0.00000

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
June-Sept On Peak	$0.03205
June-Sept Off Peak	$0.01841
Voltage Level Discount	($0.00076)
Non-Capacity:	
June-Sept On Peak	$0.08384
June-Sept Off Peak	$0.04816
Voltage Level Discount	($0.00199)
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$375.00
Distribution Charges:	
Demand	$1.11
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.0000

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,337	$3,386	$49	1.47%	22.57¢
2	50	400	$3,683	$3,746	$63	1.71%	18.73¢
3	50	500	$4,029	$4,106	$77	1.92%	16.42¢
4	50	600	$4,375	$4,466	$91	2.09%	14.89¢
5	50	650	$4,548	$4,646	$98	2.17%	14.30¢
6							
7	100	300	$4,424	$4,522	$98	2.21%	15.07¢
8	100	400	$5,116	$5,242	$126	2.47%	13.11¢
9	100	500	$5,808	$5,963	$155	2.66%	11.93¢
10	100	600	$6,500	$6,683	$183	2.81%	11.14¢
11	100	650	$6,846	$7,043	$197	2.88%	10.84¢
12							
13	500	300	$13,121	$13,611	$490	3.73%	9.07¢
14	500	400	$16,582	$17,213	$631	3.81%	8.61¢
15	500	500	$20,043	$20,815	$773	3.85%	8.33¢
16	500	600	$23,503	$24,417	$914	3.89%	8.14¢
17	500	650	$25,233	$26,218	$985	3.90%	8.07¢
18							
19	1,000	300	$23,993	$24,972	$979	4.08%	8.32¢
20	1,000	400	$30,914	$32,177	$1,262	4.08%	8.04¢
21	1,000	500	$37,836	$39,381	$1,545	4.08%	7.88¢
22	1,000	600	$44,757	$46,585	$1,828	4.08%	7.76¢
23	1,000	650	$48,217	$50,187	$1,970	4.09%	7.72¢
24							
25	5,000	300	$110,968	$115,863	$4,896	4.41%	7.72¢
26	5,000	400	$145,574	$151,885	$6,311	4.34%	7.59¢
27	5,000	500	$180,180	$187,906	$7,726	4.29%	7.52¢
28	5,000	600	$214,786	$223,927	$9,141	4.26%	7.46¢
29	5,000	650	$232,089	$241,938	$9,849	4.24%	7.44¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Primary Supply Rate - D14
Transmission 120kV and above (October-May)

Case No.: U-22046
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Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		
Power Supply		
Capacity:		
Oct-May On Peak		$0.01836
Oct-May Off Peak		$0.01650
Voltage Level Discount		($0.00068)
Non-Capacity:		
Oct-May On Peak		$0.05339
Oct-May Off Peak		$0.04800
Voltage Level Discount		($0.00198)
Surcharges:		
PSCR		$0.00000
REPS	>41,500kWh/month	$0.00
	11,501-41,500 kWh/month	$0.00
Distribution		
Service Charge:		$375
Distribution Charges:		
Demand		$0.98
Energy		
Substation Credit		$0.00
Surcharges:		
NDS		$0.000890
Energy Waste Reduction		$1,874.49
IRM		$0.000000

Proposed Rates and Current Surcharges:	
Power Supply	
Capacity:	
Oct-May On Peak	$0.01973
Oct-May Off Peak	$0.01841
Voltage Level Discount	($0.00076)
Non-Capacity:	
Oct-May On Peak	$0.05162
Oct-May Off Peak	$0.04816
Voltage Level Discount	($0.00199)
Surcharges:	
PSCR	$0.00000
REPS	$0.00
	$0.00
Distribution	
Service Charge:	$375
Distribution Charges:	
Demand	$1.11
Energy	
Substation Credit	$0.00
Surcharges:	
NDS	$0.000890
Energy Waste Reduction	$1,874.49
IRM	$0.0000

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	300	$3,256	$3,287	$31	0.94%	21.91¢
2	50	400	$3,575	$3,614	$39	1.08%	18.07¢
3	50	500	$3,894	$3,941	$47	1.20%	15.76¢
4	50	600	$4,214	$4,268	$55	1.30%	14.23¢
5	50	650	$4,373	$4,432	$59	1.34%	13.64¢
6							
7	100	300	$4,263	$4,324	$61	1.43%	14.41¢
8	100	400	$4,901	$4,978	$77	1.57%	12.45¢
9	100	500	$5,539	$5,632	$93	1.68%	11.26¢
10	100	600	$6,178	$6,287	$109	1.77%	10.48¢
11	100	650	$6,497	$6,614	$117	1.80%	10.18¢
12							
13	500	300	$12,315	$12,620	$305	2.48%	8.41¢
14	500	400	$15,507	$15,892	$386	2.49%	7.95¢
15	500	500	$18,699	$19,164	$466	2.49%	7.67¢
16	500	600	$21,891	$22,436	$546	2.49%	7.48¢
17	500	650	$23,487	$24,072	$586	2.49%	7.41¢
18							
19	1,000	300	$22,381	$22,991	$611	2.73%	7.66¢
20	1,000	400	$28,764	$29,535	$771	2.68%	7.38¢
21	1,000	500	$35,148	$36,079	$931	2.65%	7.22¢
22	1,000	600	$41,532	$42,623	$1,092	2.63%	7.10¢
23	1,000	650	$44,724	$45,895	$1,172	2.62%	7.06¢
24							
25	5,000	300	$102,905	$105,959	$3,054	2.97%	7.06¢
26	5,000	400	$134,824	$138,679	$3,856	2.86%	6.93¢
27	5,000	500	$166,742	$171,399	$4,657	2.79%	6.86¢
28	5,000	600	$198,661	$204,119	$5,458	2.75%	6.80¢
29	5,000	650	$214,620	$220,479	$5,859	2.73%	6.78¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Alternative Metal Melting - Standard Contract Rider No. R1.1
Secondary Voltage Level

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Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01900	1st 100 Hrs. Use	$0.01942
Excess Hrs. Use	$0.00719	Excess Hrs. Use	$0.00735
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.06670	1st 100 Hrs. Use	$0.06792
Excess Hrs. Use	$0.06670	Excess Hrs. Use	$0.06792
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	0.002435		$0.002435

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,565	$2,569	$4.35	0.17%	51.38¢
2	50	200	$3,196	$3,203	$7.40	0.23%	32.03¢
3	50	300	$3,827	$3,838	$10.45	0.27%	25.58¢
4	50	400	$4,458	$4,472	$13.50	0.30%	22.36¢
5	50	500	$5,089	$5,106	$16.55	0.33%	20.42¢
6	50	600	$5,721	$5,740	$19.60	0.34%	19.13¢
7	50	700	$6,352	$6,374	$22.65	0.36%	18.21¢
8							
9	500	100	$8,777	$8,820	$43.50	0.50%	17.64¢
10	500	200	$15,088	$15,162	$74.00	0.49%	15.16¢
11	500	300	$21,400	$21,505	$104.50	0.49%	14.34¢
12	500	400	$27,712	$27,847	$135.00	0.49%	13.92¢
13	500	500	$34,024	$34,189	$165.50	0.49%	13.68¢
14	500	600	$40,335	$40,531	$196.00	0.49%	13.51¢
15	500	700	$46,647	$46,874	$226.50	0.49%	13.39¢
16							
17	1000	100	$15,679	$15,766	$87.00	0.55%	15.77¢
18	1,000	200	$28,302	$28,450	$148.00	0.52%	14.23¢
19	1,000	300	$40,926	$41,135	$209.00	0.51%	13.71¢
20	1,000	400	$53,549	$53,819	$270.00	0.50%	13.45¢
21	1,000	500	$66,173	$66,504	$331.00	0.50%	13.30¢
22	1,000	600	$78,796	$79,188	$392.00	0.50%	13.20¢
23	1,000	700	$91,420	$91,873	$453.00	0.50%	13.12¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Alternative Metal Melting - Standard Contract Rider No. R1.1
Primary Less Than 24kV

Case No.: U-22046
Exhibit: S-6
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Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01413	1st 100 Hrs. Use	$0.01444
Excess Hrs. Use	$0.00514	Excess Hrs. Use	$0.00525
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.02191	1st 100 Hrs. Use	$0.02323
Excess Hrs. Use	$0.02191	Excess Hrs. Use	$0.02323
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	0.000829	IRM	$0.000829

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,308	$2,313	$4.30	0.19%	46.25¢
2	50	200	$2,697	$2,705	$7.60	0.28%	27.05¢
3	50	300	$3,086	$3,097	$10.90	0.35%	20.65¢
4	50	400	$3,475	$3,489	$14.20	0.41%	17.45¢
5	50	500	$3,864	$3,882	$17.50	0.45%	15.53¢
6	50	600	$4,253	$4,274	$20.80	0.49%	14.25¢
7	50	700	$4,642	$4,666	$24.10	0.52%	13.33¢
8							
9	500	100	$6,213	$6,256	$43.00	0.69%	12.51¢
10	500	200	$10,103	$10,179	$76.00	0.75%	10.18¢
11	500	300	$13,992	$14,101	$109.00	0.78%	9.40¢
12	500	400	$17,882	$18,024	$142.00	0.79%	9.01¢
13	500	500	$21,771	$21,946	$175.00	0.80%	8.78¢
14	500	600	$25,661	$25,869	$208.00	0.81%	8.62¢
15	500	700	$29,550	$29,791	$241.00	0.82%	8.51¢
16							
17	1,000	100	$10,552	$10,638	$86.00	0.81%	10.64¢
18	1,000	200	$18,331	$18,483	$152.00	0.83%	9.24¢
19	1,000	300	$26,110	$26,328	$218.00	0.83%	8.78¢
20	1,000	400	$33,889	$34,173	$284.00	0.84%	8.54¢
21	1,000	500	$41,668	$42,018	$350.00	0.84%	8.40¢
22	1,000	600	$49,447	$49,863	$416.00	0.84%	8.31¢
23	1,000	700	$57,226	$57,708	$482.00	0.84%	8.24¢
24							
25	5,000	100	$45,264	$45,694	$430.00	0.95%	9.14¢
26	5,000	200	$84,158	$84,918	$760.00	0.90%	8.49¢
27	5,000	300	$123,053	$124,143	$1,090.00	0.89%	8.28¢
28	5,000	400	$161,947	$163,367	$1,420.00	0.88%	8.17¢
29	5,000	500	$200,842	$202,592	$1,750.00	0.87%	8.10¢
30	5,000	600	$239,736	$241,816	$2,080.00	0.87%	8.06¢
31	5,000	700	$278,631	$281,041	$2,410.00	0.86%	8.03¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Alternative Metal Melting - Standard Contract Rider No. R1.1
Subtransmission 24 to 41.6kV

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01378	1st 100 Hrs. Use	$0.01408
Excess Hrs. Use	$0.00479	Excess Hrs. Use	$0.00490
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	0.00530	1st 100 Hrs. Use	0.00652
Excess Hrs. Use	0.00530	Excess Hrs. Use	0.00652
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000280	IRM	$0.000280

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,221	$2,225	$3.75	0.17%	44.49¢
2	50	200	$2,522	$2,529	$6.55	0.26%	25.29¢
3	50	300	$2,824	$2,833	$9.35	0.33%	18.89¢
4	50	400	$3,125	$3,137	$12.15	0.39%	15.69¢
5	50	500	$3,426	$3,441	$14.95	0.44%	13.77¢
6	50	600	$3,728	$3,746	$17.75	0.48%	12.49¢
7	50	700	$4,029	$4,050	$20.55	0.51%	11.57¢
8							
9	500	100	$5,338	$5,375	$37.50	0.70%	10.75¢
10	500	200	$8,352	$8,417	$65.50	0.78%	8.42¢
11	500	300	$11,366	$11,459	$93.50	0.82%	7.64¢
12	500	400	$14,380	$14,501	$121.50	0.84%	7.25¢
13	500	500	$17,394	$17,543	$149.50	0.86%	7.02¢
14	500	600	$20,408	$20,585	$177.50	0.87%	6.86¢
15	500	700	$23,422	$23,627	$205.50	0.88%	6.75¢
16							
17	1,000	100	$8,801	$8,876	$75.00	0.85%	8.88¢
18	1,000	200	$14,829	$14,960	$131.00	0.88%	7.48¢
19	1,000	300	$20,857	$21,044	$187.00	0.90%	7.01¢
20	1,000	400	$26,885	$27,128	$243.00	0.90%	6.78¢
21	1,000	500	$32,913	$33,212	$299.00	0.91%	6.64¢
22	1,000	600	$38,941	$39,296	$355.00	0.91%	6.55¢
23	1,000	700	$44,969	$45,380	$411.00	0.91%	6.48¢
24							
25	5,000	100	$36,509	$36,884	$375.00	1.03%	7.38¢
26	5,000	200	$66,649	$67,304	$655.00	0.98%	6.73¢
27	5,000	300	$96,789	$97,724	$935.00	0.97%	6.51¢
28	5,000	400	$126,929	$128,144	$1,215.00	0.96%	6.41¢
29	5,000	500	$157,069	$158,564	$1,495.00	0.95%	6.34¢
30	5,000	600	$187,209	$188,984	$1,775.00	0.95%	6.30¢
31	5,000	700	$217,349	$219,404	$2,055.00	0.95%	6.27¢
32							
33	10,000	100	$71,144	$71,894	$750.00	1.05%	7.19¢
34	10,000	200	$131,424	$132,734	$1,310.00	1.00%	6.64¢
35	10,000	300	$191,704	$193,574	$1,870.00	0.98%	6.45¢
36	10,000	400	$251,984	$254,414	$2,430.00	0.96%	6.36¢
37	10,000	500	$312,264	$315,254	$2,990.00	0.96%	6.31¢
38	10,000	600	$372,544	$376,094	$3,550.00	0.95%	6.27¢
39	10,000	700	$432,824	$436,934	$4,110.00	0.95%	6.24¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Alternative Metal Melting - Standard Contract Rider No. R1.1
Transmission 120kV and above

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 55 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01168	1st 100 Hrs. Use	$0.01194
Excess Hrs. Use	$0.00388	Excess Hrs. Use	$0.00397
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.00641	1st 100 Hrs. Use	$0.00781
Excess Hrs. Use	$0.00641	Excess Hrs. Use	$0.00781
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000000	IRM	$0.000000

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,214	$2,219	$4.45	0.20%	44.38¢
2	50	200	$2,515	$2,524	$8.05	0.32%	25.24¢
3	50	300	$2,816	$2,828	$11.65	0.41%	18.85¢
4	50	400	$3,117	$3,133	$15.25	0.49%	15.66¢
5	50	500	$3,418	$3,437	$18.85	0.55%	13.75¢
6	50	600	$3,719	$3,742	$22.45	0.60%	12.47¢
7	50	700	$4,020	$4,047	$26.05	0.65%	11.56¢
8							
9	500	100	$5,274	$5,319	$44.50	0.84%	10.64¢
10	500	200	$8,284	$8,365	$80.50	0.97%	8.36¢
11	500	300	$11,294	$11,411	$116.50	1.03%	7.61¢
12	500	400	$14,304	$14,457	$152.50	1.07%	7.23¢
13	500	500	$17,314	$17,503	$188.50	1.09%	7.00¢
14	500	600	$20,324	$20,549	$224.50	1.10%	6.85¢
15	500	700	$23,334	$23,595	$260.50	1.12%	6.74¢
16							
17	1,000	100	$8,674	$8,763	$89.00	1.03%	8.76¢
18	1,000	200	$14,694	$14,855	$161.00	1.10%	7.43¢
19	1,000	300	$20,714	$20,947	$233.00	1.12%	6.98¢
20	1,000	400	$26,734	$27,039	$305.00	1.14%	6.76¢
21	1,000	500	$32,754	$33,131	$377.00	1.15%	6.63¢
22	1,000	600	$38,774	$39,223	$449.00	1.16%	6.54¢
23	1,000	700	$44,794	$45,315	$521.00	1.16%	6.47¢
24							
25	5,000	100	$35,874	$36,319	$445.00	1.24%	7.26¢
26	5,000	200	$65,974	$66,779	$805.00	1.22%	6.68¢
27	5,000	300	$96,074	$97,239	$1,165.00	1.21%	6.48¢
28	5,000	400	$126,174	$127,699	$1,525.00	1.21%	6.38¢
29	5,000	500	$156,274	$158,159	$1,885.00	1.21%	6.33¢
30	5,000	600	$186,374	$188,619	$2,245.00	1.20%	6.29¢
31	5,000	700	$216,474	$219,079	$2,605.00	1.20%	6.26¢
32							
33	10,000	100	$69,874	$70,764	$890.00	1.27%	7.08¢
34	10,000	200	$130,074	$131,684	$1,610.00	1.24%	6.58¢
35	10,000	300	$190,274	$192,604	$2,330.00	1.22%	6.42¢
36	10,000	400	$250,474	$253,524	$3,050.00	1.22%	6.34¢
37	10,000	500	$310,674	$314,444	$3,770.00	1.21%	6.29¢
38	10,000	600	$370,874	$375,364	$4,490.00	1.21%	6.26¢
39	10,000	700	$431,074	$436,284	$5,210.00	1.21%	6.23¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Electric Process Heat - Standard Contract Rider No. R1.2
Secondary Voltage Level

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01900	1st 100 Hrs. Use	$0.01942
Excess Hrs. Use	$0.00719	Excess Hrs. Use	$0.00735
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.06670	1st 100 Hrs. Use	$0.06792
Excess Hrs. Use	$0.06670	Excess Hrs. Use	$0.06792
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.002435	IRM	$0.002435

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,565	$2,569	$4.35	0.17%	51.38¢
2	50	200	$3,196	$3,203	$7.40	0.23%	32.03¢
3	50	300	$3,827	$3,838	$10.45	0.27%	25.58¢
4	50	400	$4,458	$4,472	$13.50	0.30%	22.36¢
5	50	500	$5,089	$5,106	$16.55	0.33%	20.42¢
6	50	600	$5,721	$5,740	$19.60	0.34%	19.13¢
7	50	700	$6,352	$6,374	$22.65	0.36%	18.21¢
8							
9	500	100	$8,777	$8,820	$43.50	0.50%	17.64¢
10	500	200	$15,088	$15,162	$74.00	0.49%	15.16¢
11	500	300	$21,400	$21,505	$104.50	0.49%	14.34¢
12	500	400	$27,712	$27,847	$135.00	0.49%	13.92¢
13	500	500	$34,024	$34,189	$165.50	0.49%	13.68¢
14	500	600	$40,335	$40,531	$196.00	0.49%	13.51¢
15	500	700	$46,647	$46,874	$226.50	0.49%	13.39¢
16							
17	1000	100	$15,679	$15,766	$87.00	0.55%	15.77¢
18	1,000	200	$28,302	$28,450	$148.00	0.52%	14.23¢
19	1,000	300	$40,926	$41,135	$209.00	0.51%	13.71¢
20	1,000	400	$53,549	$53,819	$270.00	0.50%	13.45¢
21	1,000	500	$66,173	$66,504	$331.00	0.50%	13.30¢
22	1,000	600	$78,796	$79,188	$392.00	0.50%	13.20¢
23	1,000	700	$91,420	$91,873	$453.00	0.50%	13.12¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Electric Process Heat - Standard Contract Rider No. R1.2
Primary Less Than 24kV

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 57 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01413	1st 100 Hrs. Use	$0.01444
Excess Hrs. Use	$0.00514	Excess Hrs. Use	$0.00525
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.02191	1st 100 Hrs. Use	$0.02323
Excess Hrs. Use	$0.02191	Excess Hrs. Use	$0.02323
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000829	IRM	$0.000829

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,308	$2,313	$4.30	0.19%	46.25¢
2	50	200	$2,697	$2,705	$7.60	0.28%	27.05¢
3	50	300	$3,086	$3,097	$10.90	0.35%	20.65¢
4	50	400	$3,475	$3,489	$14.20	0.41%	17.45¢
5	50	500	$3,864	$3,882	$17.50	0.45%	15.53¢
6	50	600	$4,253	$4,274	$20.80	0.49%	14.25¢
7	50	700	$4,642	$4,666	$24.10	0.52%	13.33¢
8							
9	500	100	$6,213	$6,256	$43.00	0.69%	12.51¢
10	500	200	$10,103	$10,179	$76.00	0.75%	10.18¢
11	500	300	$13,992	$14,101	$109.00	0.78%	9.40¢
12	500	400	$17,882	$18,024	$142.00	0.79%	9.01¢
13	500	500	$21,771	$21,946	$175.00	0.80%	8.78¢
14	500	600	$25,661	$25,869	$208.00	0.81%	8.62¢
15	500	700	$29,550	$29,791	$241.00	0.82%	8.51¢
16							
17	1,000	100	$10,552	$10,638	$86.00	0.81%	10.64¢
18	1,000	200	$18,331	$18,483	$152.00	0.83%	9.24¢
19	1,000	300	$26,110	$26,328	$218.00	0.83%	8.78¢
20	1,000	400	$33,889	$34,173	$284.00	0.84%	8.54¢
21	1,000	500	$41,668	$42,018	$350.00	0.84%	8.40¢
22	1,000	600	$49,447	$49,863	$416.00	0.84%	8.31¢
23	1,000	700	$57,226	$57,708	$482.00	0.84%	8.24¢
24							
25	5,000	100	$45,264	$45,694	$430.00	0.95%	9.14¢
26	5,000	200	$84,158	$84,918	$760.00	0.90%	8.49¢
27	5,000	300	$123,053	$124,143	$1,090.00	0.89%	8.28¢
28	5,000	400	$161,947	$163,367	$1,420.00	0.88%	8.17¢
29	5,000	500	$200,842	$202,592	$1,750.00	0.87%	8.10¢
30	5,000	600	$239,736	$241,816	$2,080.00	0.87%	8.06¢
31	5,000	700	$278,631	$281,041	$2,410.00	0.86%	8.03¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Electric Process Heat - Standard Contract Rider No. R1.2
Subtransmission 24 to 41.6kV

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
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Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01378	1st 100 Hrs. Use	$0.01408
Excess Hrs. Use	$0.00479	Excess Hrs. Use	$0.00490
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.00530	1st 100 Hrs. Use	$0.00652
Excess Hrs. Use	$0.00530	Excess Hrs. Use	$0.00652
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000280	IRM	$0.000280

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,221	$2,225	$3.75	0.17%	44.49¢
2	50	200	$2,522	$2,529	$6.55	0.26%	25.29¢
3	50	300	$2,824	$2,833	$9.35	0.33%	18.89¢
4	50	400	$3,125	$3,137	$12.15	0.39%	15.69¢
5	50	500	$3,426	$3,441	$14.95	0.44%	13.77¢
6	50	600	$3,728	$3,746	$17.75	0.48%	12.49¢
7	50	700	$4,029	$4,050	$20.55	0.51%	11.57¢
8							
9	500	100	$5,338	$5,375	$37.50	0.70%	10.75¢
10	500	200	$8,352	$8,417	$65.50	0.78%	8.42¢
11	500	300	$11,366	$11,459	$93.50	0.82%	7.64¢
12	500	400	$14,380	$14,501	$121.50	0.84%	7.25¢
13	500	500	$17,394	$17,543	$149.50	0.86%	7.02¢
14	500	600	$20,408	$20,585	$177.50	0.87%	6.86¢
15	500	700	$23,422	$23,627	$205.50	0.88%	6.75¢
16							
17	1,000	100	$8,801	$8,876	$75.00	0.85%	8.88¢
18	1,000	200	$14,829	$14,960	$131.00	0.88%	7.48¢
19	1,000	300	$20,857	$21,044	$187.00	0.90%	7.01¢
20	1,000	400	$26,885	$27,128	$243.00	0.90%	6.78¢
21	1,000	500	$32,913	$33,212	$299.00	0.91%	6.64¢
22	1,000	600	$38,941	$39,296	$355.00	0.91%	6.55¢
23	1,000	700	$44,969	$45,380	$411.00	0.91%	6.48¢
24							
25	5,000	100	$36,509	$36,884	$375.00	1.03%	7.38¢
26	5,000	200	$66,649	$67,304	$655.00	0.98%	6.73¢
27	5,000	300	$96,789	$97,724	$935.00	0.97%	6.51¢
28	5,000	400	$126,929	$128,144	$1,215.00	0.96%	6.41¢
29	5,000	500	$157,069	$158,564	$1,495.00	0.95%	6.34¢
30	5,000	600	$187,209	$188,984	$1,775.00	0.95%	6.30¢
31	5,000	700	$217,349	$219,404	$2,055.00	0.95%	6.27¢
32							
33	10,000	100	$71,144	$71,894	$750.00	1.05%	7.19¢
34	10,000	200	$131,424	$132,734	$1,310.00	1.00%	6.64¢
35	10,000	300	$191,704	$193,574	$1,870.00	0.98%	6.45¢
36	10,000	400	$251,984	$254,414	$2,430.00	0.96%	6.36¢
37	10,000	500	$312,264	$315,254	$2,990.00	0.96%	6.31¢
38	10,000	600	$372,544	$376,094	$3,550.00	0.95%	6.27¢
39	10,000	700	$432,824	$436,934	$4,110.00	0.95%	6.24¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Electric Process Heat - Standard Contract Rider No. R1.2
Transmission 120kV and above

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 59 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Capacity:		**Capacity:**	
Energy		Energy	
1st 100 Hrs. Use	$0.01168	1st 100 Hrs. Use	$0.01194
Excess Hrs. Use	$0.00388	Excess Hrs. Use	$0.00397
Non-Capacity:		**Non-Capacity:**	
Energy	$0.04902	Energy	$0.04825
Surcharges:		Surcharges:	
PSCR	$0.00000	PSCR	$0.00000
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Distribution Charges:		Distribution Charges:	
1st 100 Hrs. Use	$0.00641	1st 100 Hrs. Use	$0.00781
Excess Hrs. Use	$0.00641	Excess Hrs. Use	$0.00781
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM	$0.000000	IRM	$0.000000

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
1	50	100	$2,214	$2,219	$4.45	0.20%	44.38¢
2	50	200	$2,515	$2,524	$8.05	0.32%	25.24¢
3	50	300	$2,816	$2,828	$11.65	0.41%	18.85¢
4	50	400	$3,117	$3,133	$15.25	0.49%	15.66¢
5	50	500	$3,418	$3,437	$18.85	0.55%	13.75¢
6	50	600	$3,719	$3,742	$22.45	0.60%	12.47¢
7	50	700	$4,020	$4,047	$26.05	0.65%	11.56¢
8							
9	500	100	$5,274	$5,319	$44.50	0.84%	10.64¢
10	500	200	$8,284	$8,365	$80.50	0.97%	8.36¢
11	500	300	$11,294	$11,411	$116.50	1.03%	7.61¢
12	500	400	$14,304	$14,457	$152.50	1.07%	7.23¢
13	500	500	$17,314	$17,503	$188.50	1.09%	7.00¢
14	500	600	$20,324	$20,549	$224.50	1.10%	6.85¢
15	500	700	$23,334	$23,595	$260.50	1.12%	6.74¢
16							
17	1,000	100	$8,674	$8,763	$89.00	1.03%	8.76¢
18	1,000	200	$14,694	$14,855	$161.00	1.10%	7.43¢
19	1,000	300	$20,714	$20,947	$233.00	1.12%	6.98¢
20	1,000	400	$26,734	$27,039	$305.00	1.14%	6.76¢
21	1,000	500	$32,754	$33,131	$377.00	1.15%	6.63¢
22	1,000	600	$38,774	$39,223	$449.00	1.16%	6.54¢
23	1,000	700	$44,794	$45,315	$521.00	1.16%	6.47¢
24							
25	5,000	100	$35,874	$36,319	$445.00	1.24%	7.26¢
26	5,000	200	$65,974	$66,779	$805.00	1.22%	6.68¢
27	5,000	300	$96,074	$97,239	$1,165.00	1.21%	6.48¢
28	5,000	400	$126,174	$127,699	$1,525.00	1.21%	6.38¢
29	5,000	500	$156,274	$158,159	$1,885.00	1.21%	6.33¢
30	5,000	600	$186,374	$188,619	$2,245.00	1.20%	6.29¢
31	5,000	700	$216,474	$219,079	$2,605.00	1.20%	6.26¢
32							
33	10,000	100	$69,874	$70,764	$890.00	1.27%	7.08¢
34	10,000	200	$130,074	$131,684	$1,610.00	1.24%	6.58¢
35	10,000	300	$190,274	$192,604	$2,330.00	1.22%	6.42¢
36	10,000	400	$250,474	$253,524	$3,050.00	1.22%	6.34¢
37	10,000	500	$310,674	$314,444	$3,770.00	1.21%	6.29¢
38	10,000	600	$370,874	$375,364	$4,490.00	1.21%	6.26¢
39	10,000	700	$431,074	$436,284	$5,210.00	1.21%	6.23¢

Michigan Public Service Commission
DTE Electric Company
Staff Comparison of Present and Proposed Monthly Bills
Interruptible Supply Rider - Standard Contract Rider No. R10

Case No.: U-22046
Exhibit: S-6
Schedule: F4
Witness: N.C.Rademacher
Page: 60 of 60

Present Rates and Current Surcharges:		Proposed Rates and Current Surcharges:	
Power Supply		**Power Supply**	
Non-Capacity:		**Non-Capacity:**	
Administrative Charge	$0.00000	Administrative Charge	$0.00000
MISO Energy Charge	$0.03748	MISO Energy Charge	$0.03748
Net Trans MISO Mkt	$0.00767	Net Trans MISO Mkt	$0.00768
Voltage Level Service Adder:		Voltage Level Service Adder:	
Primary - 5.50% of HPSC	$0.00248	Primary - 5.50% of HPSC	$0.00248
Subtransmission - 3.73% of HPSC	$0.00168	Subtransmission - 3.73% of HPSC	$0.00168
Transmission - 1.56% of HPSC	$0.00070	Transmission - 1.56% of HPSC	$0.00070
Surcharges:		Surcharges:	
REPS	$0.00	REPS	$0.00
Distribution		**Distribution**	
Service Charge PV:	$70	Service Charge:	$70
Service Charge SV:	$375	Service Charge SV:	$375
Service Charge TV:	$375	Service Charge TV:	$375
Distribution Charges:		Distribution Charges:	
Primary	$7.15	Demand	$7.36
Subtransmission	$1.84	Demand	$2.01
Transmission	$0.98	Demand	$1.11
Surcharges:		Surcharges:	
NDS	$0.000890	NDS	$0.000890
Energy Waste Reduction	$1,874.49	Energy Waste Reduction	$1,874.49
IRM		IRM	
Primary	$0.2743		$0.2743
Subtrans	$0.1018		$0.1018
Transmission	$0.0000		$0.0000

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Line	Monthly	Hours	Present Net	Proposed Net	Increase		Proposed
No.	kW Demand	Use	Monthly Bill	Monthly Bill	Amount	Percent	Unit Cost
			Primary Less Than 24kV				
1	10,000	200	$173,234	$175,355	$2,121	1.22%	8.77¢
2	10,000	300	$221,757	$223,889	$2,132	0.96%	7.46¢
3	10,000	400	$270,280	$272,423	$2,142	0.79%	6.81¢
4	10,000	500	$318,804	$320,956	$2,153	0.68%	6.42¢
			Subtransmission 24 to 41.6kV				
5	10,000	200	$117,116	$118,836	$1,721	1.47%	5.94¢
6	10,000	300	$164,840	$166,571	$1,731	1.05%	5.55¢
7	10,000	400	$212,564	$214,305	$1,741	0.82%	5.36¢
8	10,000	500	$260,288	$262,040	$1,752	0.67%	5.24¢
			Transmission 120kV and Up				
9	10,000	200	$105,538	$106,858	$1,320	1.25%	5.34¢
10	10,000	300	$152,283	$153,613	$1,330	0.87%	5.12¢
11	10,000	400	$199,027	$200,367	$1,341	0.67%	5.01¢
12	10,000	500	$245,771	$247,122	$1,351	0.55%	4.94¢

MPSC Case No: U-22046
Requester: Staff
Question No.: STDE-7.10c
Respondent: N.T. Foley
Page: 1 of 1

Question: 10. According to DTE witness Foley, on page NTF-14, DTE is constructing a substation at OACS' facility and will propose to recover the associated revenue requirement through base rates. Witness Foley states that it is the Company's intention to not propose recovery of the substation revenue requirement through base rates until OACS' load is substantially incorporated in base rates. The Commission order dated December 18, 2025 in U-21990, which approved the OACS contract subject to certain conditions states, on page 38: "The Commission also observes that the Customer is causing the need for a new substation, and the Customer is arguably the only entity that will benefit from the new substation that will become part of the facility."
c. Does DTE agree with the Commission that this customer (OACS) is causing the need for a new substation? If no, please explain. If not, please identify what other customer(s) are causing the need for this new substation at the OACS facility..

Answer: Yes, the Company agrees that OACS is causing the need for a new substation. The Company notes this is similar to all other single customer industrial substations built by the Company.

The Company further notes that OACS' Contribution in Aid of Construction (CIAC) Allowance is greater than the cost of the substation. Accordingly, currently approved CIAC policy does not require any direct payment from OACS for the substation. However, OACS agreed to provide a $40 million non-refundable deposit toward the cost of the substation.

Attachment: *None*

Staff Exhibit S-7.2 DTE Electric Company Bill Impact Communication

DTE ENERGY – RESIDENTIAL BILL

Summary of Charges

Account Number [redacted]

Account Balance as of Apr 16, 2026	235.78
Payment Received Apr 21, 2026 Thank You!	– 235.78
Balance Prior to Current Charges	0.00
Total Current Charges	152.22
Account Balance as of May 15, 2026	$152.22

Your current charges are due on June 08, 2026. A 2% late payment charge will be applied if paid after the due date.

Your Monthly Energy Usage

For ways to save energy and save money, go to dteenergy.com/saveenergy

ELECTRIC

KWH



Your usage is based on an ACTUAL meter reading

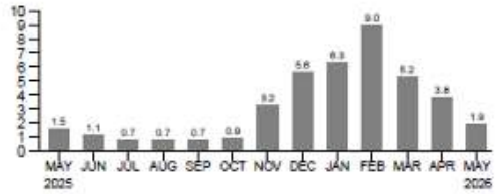
Average Usage per day

	Current Month	Last Month	Year Ago
KWH Usage	11.4	13	12.7
Change		-12%	-10%

Your average daily electric cost for this period was $2.92

GAS

CCF



Your usage is based on an ACTUAL meter reading

Average Usage per day

	Current Month	Last Month	Year Ago
CCF Usage	1.9	3.8	1.5
Change		-50%	27%

Your average daily gas cost for this period was $2.32

Important Information

Account Information

On April 28, 2026, DTE Electric filed an investment request with the Michigan Public Service Commission. If fully approved, the average residential bill could increase by $11.06/9.96% per month. Bills will not be impacted until a final order is issued in approximately February 2027. Note: assumes 500 kWh used

DTE

DTE ENERGY – COMMERCIAL BILL

Summary of Charges

Account Number [redacted]

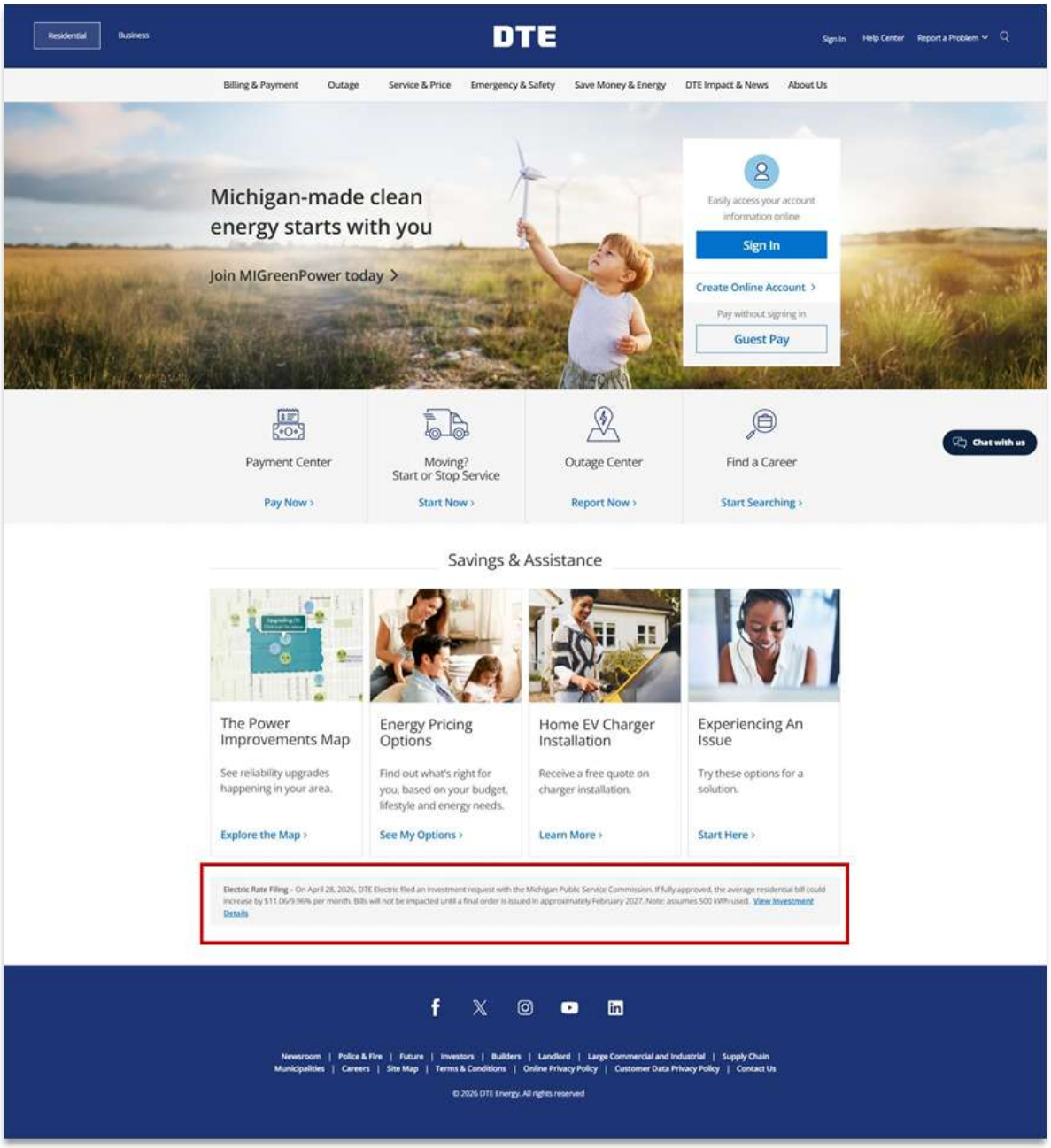
Account Balance as of Mar 31, 2026	**- 9.99**
Payment Received	**0.00**
Balance Prior to Current Charges	**- 9.99**
Current Charges	
Business Electric Service-R18 Cat1	11.38
Rider 18 Outflow Credit & Excess Bank Adjustment	- 7.29
Total Current Charges	**4.09**
Account Balance as of April 30, 2026	**- $5.90**

Important Information

Account Information

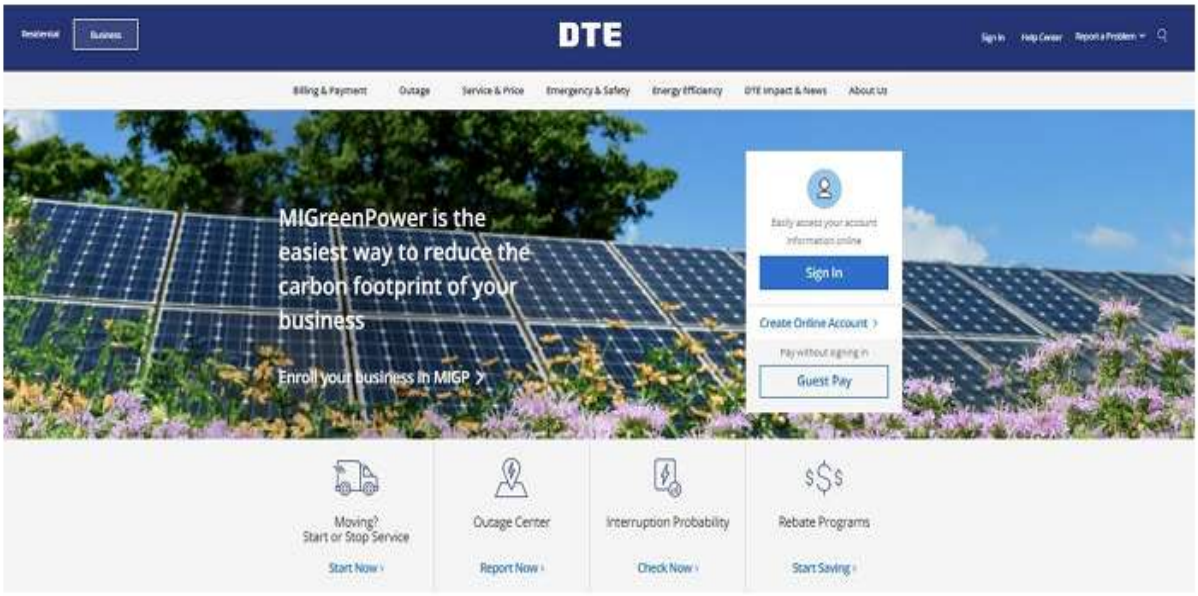
On April 28, 2026, DTE Electric filed an investment request with the Michigan Public Service Commission. If fully approved, the average commercial bill could increase by $25.77/5% per month. Bills will not be impacted until a final order is issued in approximately February 2027. Note: assumes 3,300 kWh used

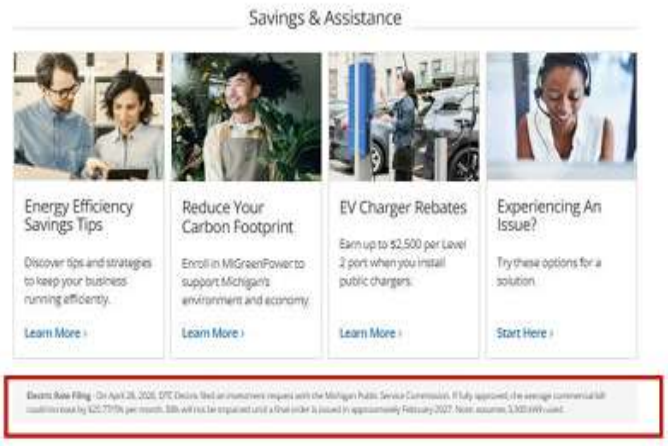
DTE ENERGY HOMEPAGE: www.dteenergy.com



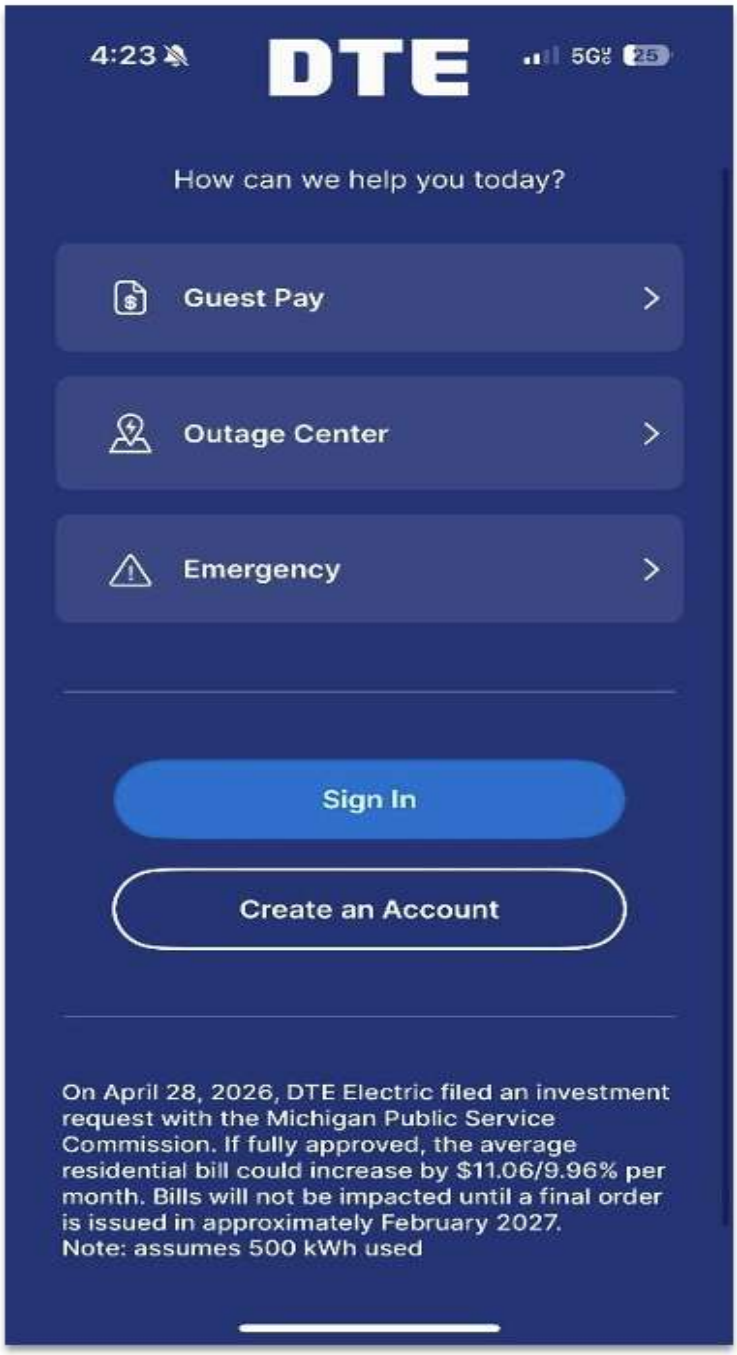
DTE ENERGY BUSINESS HOMEPAGE:

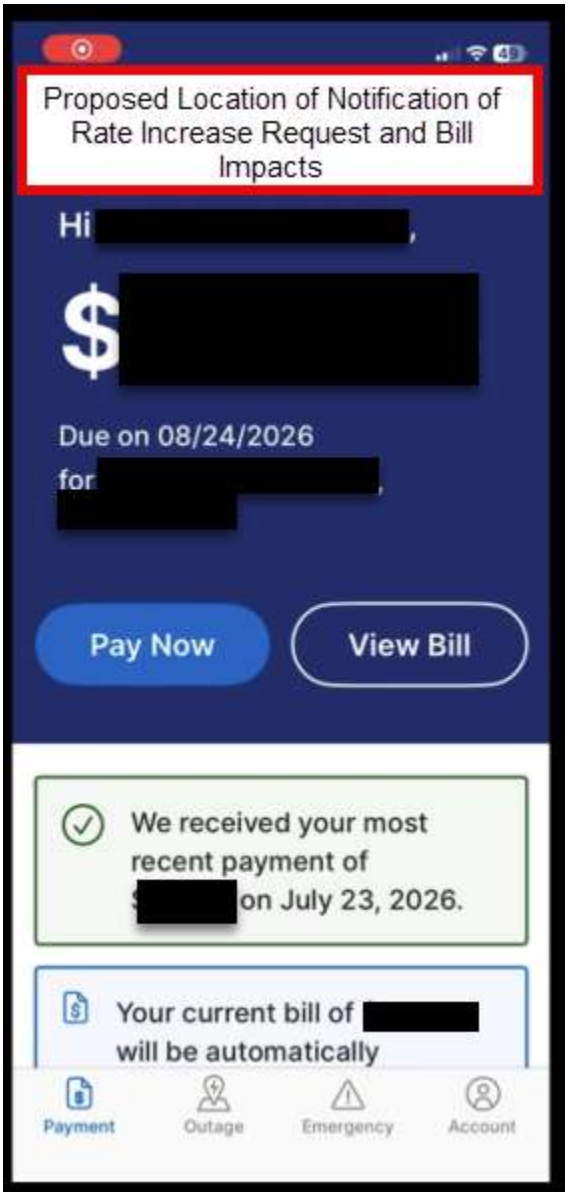
https://www.dteenergy.com/us/en/business.html





DTE ENERGY APP:




Proposed Location of Notification of Rate Increase Request and Bill Impacts
Hi [redacted],
$ [redacted]
Due on 08/24/2026
for [redacted]
Pay Now
View Bill
We received your most recent payment of $[redacted] on July 23, 2026.
Your current bill of [redacted] will be automatically
Payment
Outage
Emergency
Account

MPSC Case No: U-22046
Requester: Staff
Question No.: STDE-25.2
Respondent: P. Machi
Page: 1 of 1

Question: When visiting the DTE energy web page on the business tab, it states the following: "On April 28, 2026, DTE Electric filed an investment request with the Michigan Public Service Commission. If fully approved, the average commercial bill could increase by $25.77/5% per month. Bills will not be impacted until a final order is issued in approximately February 2027. Note: assumes 3,300 kWh used." Please verify that the actual percent increase for 3,300 kWh used is 4.97% and that the 5% per month increase displayed on the web page was determined by rounding up from 4.97%.

Answer: Confirmed.

Attachment: None.

MICHIGAN PUBLIC SERVICE COMMISSION
DTE Electric Company
Projected O&M Inflation and Account 926 Expenses
for the Projected Test-Period Ending February 29, 2028
(000's)

Case No: U-22046
Exhibit No: S-30.1
Page: 1 of 1
Witness: S.Rueckert
Date: 8/26/2026

Ln.	(a.) Description	(b.) Source	(c.) Company Projection	(d.) Adjustment	(e.) Staff Projection
1	Inflation	A-13 C5.1-5.10, S-30.2	$ 51,564	$ (4,263)	$ 47,301
2	VEBA	A-13 C5.11, S-30.3	$ 6,960	$ (1,308)	$ 5,652
3	Employee Savings Plan (ESP)	A-13 C5.11, S-30.3	$ 32,012	$ (1,575)	$ 30,437
4	Total Active Healthcare	A-13 C5.11, S-30.3	$ 56,322	$ (3,838)	$ 52,484

Michigan Public Service Commission
DTE Electric Company
Projected Operation and Maintenance Inflation Summary
for the Projected Test-Period Ending February 29, 2028
($000)

Case No: U-22046
Exhibit No: S-30.2
Page: 1 of 1
Witness: S.Rueckert
Date: 8/26/2026

Line No.	(a) Description	(b) Exhibit Source A-13	(c) Inflation Basis	(d) 1/1/26 - 12/31/26 Inflation	(e) 1/1/27 - 12/31/27 Inflation	(f) 1/1/28 - 2/29/28 Inflation	(g) Total Staff Projected Inflation sum (d) thru (f)	(h) Total Company Projected Inflation Ex. A-13, Sch. C5 sum col. (g) thru (i)	(i) Inflation Adjustment col. (g)- col. (h)
1	Steam Power Generation	C5.1	174,294	5,525	4,262	604	10,391	11,328	(937)
2	Fuel Supply & MERC Fuel Handling	C5.2	4,826	153	118	17	288	314	(26)
3	Nuclear Power Generation	C5.3	138,907	4,403	3,396	482	6,940	7,566	(626)
4	Hydraulic Power Generation	C5.4	12,104	384	296	42	722	787	(65)
5	Other Power Generation	C5.5	32,151	1,019	786	111	1,917	2,090	(173)
6	Distribution	C5.6	244,309	7,745	5,974	847	14,565	15,878	(1,313)
7	Customer Service	C5.7	79,982	2,535	1,956	277	4,768	5,198	(430)
8	Regulated Marketing	C5.9	24,339	772	595	84	1,451	1,582	(131)
9	Corporate Support	C5.10	104,968	3,327	2,567	364	6,258	6,822	(564)
10	Total Operation and Maintenance Inflation		815,880	25,863	19,949	2,829	47,301	51,564	(4,263)

		1/1/26 - 12/31/26	1/1/27 - 12/31/27	1/1/28 - 2/29/28
11	Staff Inflation Rates			
12	Exhibit S-4 Schedule D-3.1	3.17%	2.37%	1.97%
13	No. of Months in Period	12	12	2
14	Pro-rated Inflation Rate	3.17%	2.37%	0.33%

*Note
ln. 3 Nuclear Power Generation - total includes inflation on Maintenance of Reactor in Other Adjustments (col. j) ; Staff = ($1,341), Company = ($1,462)

MICHIGAN PUBLIC SERVICE COMMISSION
DTE Electric Company
VEBA, Employee Savings Plan, and Active Healthcare
for the Projected Test-Period Ending February 29, 2028
($000)

Case No: U-21973
Exhibit No: S-30.3
Page: 1 of 1
Witness: S.Rueckert
Date: 8/26/2026

	(a.)	(b.)	(c.)	(e.)	(f.)	(g.)
Ln.	Description	Source	Historic 2024	2026	2027	January 01, 2028-Febuary 29, 2028
1	Total VEBA Expense	S-30.4 ln. 2, col. g	$ 10,126	$ 10,272	$ 10,420	$ 10,445
				(ln.1, col. c + col. d) * (1+ln. 2, col. e))	(ln. 1, col. e* (1+ln. 2, col. f))	(ln.1, col. f * (1+ln. 2, col. g))
2	Average Annual Growth Rate	S-30.4 ln. 10, col. h		1.44%	1.44%	0.24%
3	Percent Charged to O&M	S-30.4 ln.2, col. h				54.11%
4	Staff Projection	ln.1, col. g * (1+ln. 3, col. g)				5,652
5	Company Projection	A-13, C5.11, p.1				6,960
6	Staff Adjustment	ln. 4, col. g - ln. 5, col. g				$ (1,308)
7	Total Employee Savings Plan Expense	S-30.4 ln. 3, col. g	$ 53,183	$ 54,719	$ 56,298	$ 56,569
				(ln.7, col. c * (1+ln. 8 , col. e))	(ln. 7, col. e * (1+ln. 8, col. f)	(ln. 7, col. f * (1+ln. 8, col. g)
8	Average Annual Growth Rate	S-30.4 ln. 11, col. h.		2.89%	2.89%	0.48%
9	Percent Charged to O&M	S-30.4 ln.3, col. h.				54%
10	Staff Projection	ln.7, col. g * (1+ln. 9, col. g)				30,437
11	Company Projection	A-13, C5.11, p.1				32,012
12	Staff Adjustment	ln.10, col. g - ln.11, col. g				$ (1,575)
13	Total Active Healthcare Expenses	S-30.4 ln. 4, col. g	$ 89,660	$ 95,382	$ 101,470	$ 102,549
				(ln. 13, col. c * (1+ln. 14, col. e))	(ln. 13, col. e * (1+ln. 14, col. f)	(ln. 13, col. f * (1+ln. 14, col. g)
14	Average Annual Growth Rate	S-30.4 ln. 12, col. h.		6.38%	6.38%	1.06%
15	Percent Charged to O&M	S-30.4 ln.4, col. h.				53.1%
16	AAGR Projection	ln.13, col. g * (1+ln. 15, col. g)				54,444
17	(less) Wellness Plan Temporary Item	A-13, C5.11, p.2				(1,217)
18	(less) Wellness Plan Temporary Inflation	A-13, C5.11, p.2				(742)
17	Total Staff Projection					52,484
18	Company Projection	A-13, C5.11, p.1				56,322
19	Staff Adjustment	ln. 17, col. g - ln. 18, col. g				$ (3,838)

MICHIGAN PUBLIC SERVICE COMMISSION
DTE Electric Company
VEBA, Employee Savings Plan, and Active Healthcare
for the Projected Test-Period Ending February 29, 2028
($000)

Case No: U-21973
Exhibit No: S-30.4
Page: 1 of 1
Witness: S.Rueckert
Date: 8/26/2026

Line No.	(a) Description	(b) 2020	(c) 2021	(d) 2022	(e) 2023	(f) 2024	(g) 2025	(h) Percent Charged to O&M 2025
1	Total Benefits before Capitalization							
2	New Hire VEBA	$ 9,716	$ 11,793	$ 10,835	$ 9,753	$ 10,313	$ 10,126	54.1%
3	Employee Savings Plan	$ 46,241	$ 47,925	$ 49,187	$ 50,018	$ 49,145	$ 53,183	53.8%
4	Active Healthcare	$ 67,201	$ 84,284	$ 82,997	$ 80,975	$ 85,619	$ 89,660	53.1%
5	Annual Change							Five-Year Average Annual Growth Rate
6	New Hire VEBA		21.4%	(8.1)%	(10.0)%	5.7%	(1.8)%	1.44%
7	Employee Savings Plan		3.6%	2.6%	1.7%	(1.7)%	8.2%	2.89%
8	Total Active Healthcare		25.4%	(1.5)%	(2.4)%	5.7%	4.7%	6.38%

MPSC Case No: U-22046

Requester: Staff

Question No.: ZSS-1.3e

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 3. Reference Exhibit A-12, Schedule B5.8, Page 2 of 5 under Renovation: e. Per line 43, what is a building refresh and what does it entail?

Answer: A building refresh refers to renovation work intended to preserve facility assets, extend the useful life of building components, and maintain the space in a safe and functional condition. The scope may include replacement of worn or end-of-life finishes, fixtures, furniture, or related building components where repair is no longer practical or cost-effective. These activities are performed to address the condition of aging assets, support ongoing facility operations, and avoid further deterioration of the affected spaces.

Attachment: *none.*

MPSC Case No: U-22046

Requester: Staff

Question No.: ZSS-2.3

Respondent: T.M. Uzenski

Page: 1 of 1

Question: Per your audit response to question ZSS-1.3e, the Walker Cisler Building Refresh: do you have a breakdown of the expected costs for the work that will be completed?

a. In the last three years, have you completed any other building refreshes? If yes, what site(s) were completed and what were the costs associated with them?

Answer: No. In 2026, the Company initiated this program to address older floors requiring upgrades / capital maintenance. Prior projects were more comprehensive updates, including a complete overhaul of the floor.

Attachment: *none.*

MPSC Case No: U-22046

Requester: Staff

Question No.: ZSS-1.3d

Respondent: T.M. Uzenski

Page: 1 of 1

Question: 3. Reference Exhibit A-12, Schedule B5.8, Page 2 of 5 under Renovation: d. What is the Old SOC renovation and why is it necessary?

Answer: Please see my testimony, page TMU-64, lines 1 and 2, for the description of the Old SOC renovation. The Old SOC renovation is needed for additional employee capacity at DTE headquarters.

Attachment: *none.*

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-14.1a

Respondent: N.T. Foley

Page: 1 of 1

Question: 1. According to DTE witness Foley, at page NTF-12, the proposed LLTM is to calculate any OACS Excess Margin during the forward test year and record that amount as a regulatory liability. Please identify the amount of this regulatory liability if DTE were to assume OACS sales at the agreed upon load ramp schedule from the PSA contract (zero load ramp delay), assuming:
a. The amount of incremental costs (e.g., fuel, new substation costs, etc.) incurred by DTE associated with excess OACS sales as described by witness Foley at page NTF-12.

Answer: See response to STDE-7.2b. The Company disagrees with the characterization that the "agreed upon" load ramp reflects OACS achieving their max load in December 2027. The PSA establishes an OACS load ramp that can complete, at OACS' sole discretion, anytime between December 2027 and December 2028. Accordingly, it does not require OACS to complete its load ramp by December 2027.

The Company also notes that the size of any regulatory liability recorded through the LLTM will depend on the following, as described in my direct testimony (Q27):

- OACS sales revenue which will depend on their hourly usage during the forward test year as well as the D11 rate approved by the Commission in this case
- The Base Fuel and Purchased Power rate approved by the Commission in this case
- The amount of margin incorporated into the present revenue approved by the Commission in this case
- The cost of the substation being constructed at OACS' facility

As such, the amount of any regulatory liability cannot be known at this time. Subject to these clarifications, the Company estimates the regulatory liability would be between $0 (i.e., OACS exercises a 12-month delay) and $164 million (i.e., OACS does not exercise any delay).

Attachment: *None*

EXHIBIT S-14.2

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

EXHIBIT S-14.3

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

EXHIBIT S-14.4

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

EXHIBIT S-14.5

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

EXHIBIT S-14.6

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

Back to All News Releases

April 23, 2026

DTE Energy intends to pause future electric rate requests following upcoming filing as data centers come online

Affordability benefits from data centers expected to help offset reliability investments for all customers

DETROIT, Apr. 22, 2026 – DTE Energy (NYSE:**DTE**) announced today that its electric company intends to forego asking for rate increases for at least two years following its upcoming filing with the Michigan Public Service Commission (MPSC) on April 28, 2026.

"Now more than ever, we know affordability matters to our customers – and we're doing everything we can to keep energy bills as low as possible while also providing the reliable power they need," said Joi Harris, president and chief executive officer, DTE Energy. "As long as the first data center project we're supporting comes online as planned by the end of 2027 and we're able to receive other regulatory approvals, we will refrain from filing another rate request until at least 2028—providing customers two years without an increase in rates after the current request is complete."

Affordability Benefits of Data Center Development

When a new large customer is brought onto the electric system, fixed costs can be spread more widely. DTE's two data center contracts – one approved and one currently with the MPSC for approval – will contribute nearly $9 billion to improving DTE's electric system through 2045, helping to reduce the total amount needed from other customers.

"That's why we're excited to see the expected benefits of responsible data center development come to fruition," said Harris. "This new industry is not only helping to grow Michigan's economy, but once the data centers are fully online, it will make energy more affordable for all customers while bolstering our investments in creating the grid of the future."

Upcoming investment request

DTE Electric's upcoming investment request is designed to build on recent reliability gains and continue strengthening its electric grid for the customers and communities the company serves in southeast Michigan. The request reflects DTE's ongoing commitment to targeted investments that reduce outages, restore power faster when interruptions do occur and ensure reliable and cleaner energy for customers every day.

In 2025, DTE's electric customers experienced the company's best reliability performance in nearly 20 years — progress driven by sustained investments in tree trimming, grid hardening, automation and other system improvements.

"Reliable power isn't just about keeping the lights on, it's about supporting families, businesses and the broader Michigan economy," said Matt Paul, president and chief operating officer, DTE Electric. "While we're proud of our progress, we know we have more work ahead. Every investment we make moves us closer to our goal: a stronger, more reliable grid for every DTE customer, no matter the weather."

As DTE continues investing in reliability and cleaner energy, the company is focused on limiting the long-term impact on customer bills and reducing the need for future rate requests. DTE continues to drive efficiencies in its operations and expects growing data center development to create meaningful customer affordability benefits over time.

What Happens Next

The filing on April 28 represents a formal request of $474.3 million to support several billion dollars of investment in the electric grid and power generation, marking the beginning of an approximately 10 month regulatory review process. A final decision by the MPSC and any potential rate changes are not expected until late February 2027.

Key Things Media Should Know

1. **The filing itself does not result in a bill increase.** The filing will be reviewed by the MPSC as a contested case with opportunity for intervenor testimony. A final decision on the rate request will not be received from the MPSC until February 2027, with a customer rate change happening soon after.
2. **Customers are seeing real reliability improvements – when we invest, it works.** DTE delivered its most reliable year in nearly 20 years in 2025, reducing the time customers spent without power by 60% compared to 2024, building on a 70% improvement the year before. Continued investment is essential to delivering the reliability customers demand and deserve. Learn more: **Building a stronger, more reliable electric grid for you**
3. **These investments are enhancing DTE's clean energy advancements.** The upcoming filing also supports the completion of the conversion of the Belle River Power Plant from coal to natural gas as well as the development of the Trenton Channel Energy Center – expected to be the

largest stand-along battery energy storage facility in the Great Lakes region when it is commissioned. Learn more: **DTE CleanVision IRP: Roadmap to Net Zero by 2050**

4. **DTE remains focused on affordability.** Since 2021, DTE's electric bill growth has been among the lowest in the country. Residential electric bills are in the first quartile nationally and remain below the state of Michigan, Great Lakes region and national averages. For more information about DTE's plans to build the energy grid of the future and the impact of our investment requests, visit **https://www.dteenergy.com/future**
5. **No costs related to data centers are included in this investment request and data centers will not raise customer rates.** Data centers—including the one DTE has been approved to support in Saline Township and the project under review in Van Buren Township – are governed by separate contracts and are required to pay the full cost of the infrastructure needed to serve them, ensuring other customers are protected. DTE customers will NOT subsidize data center rates. For more information, visit **dteenergy.com/datacenterfacts**

About DTE Energy

DTE Energy (NYSE:**DTE**) is a Detroit-based diversified energy company involved in the development and management of energy-related businesses and services nationwide. Its operating units include an electric company serving 2.3 million customers in Southeast Michigan and a natural gas company serving 1.4 million customers across Michigan. The DTE portfolio also includes energy businesses focused on custom energy solutions, renewable energy generation, and energy marketing and trading. DTE has continued to accelerate its carbon reduction goals to meet aggressive targets and is committed to serving with its energy through volunteerism, education and employment initiatives, philanthropy, emission reductions and economic progress. Information about DTE is available at **dteenergy.com**, **empoweringmichigan.com**, **x.com/DTE_Energy** and **facebook.com/dteenergy**.

For more information, members of the media may contact:
Jill Wilmot or Ryan Lowry, DTE Energy: **(313) 235-5555**

Contact Media Relations

To request an interview or information, please call our newsroom at **(313) 235-5555**

Visit Media Relations

Yeah, Andrew. We do remain highly confident that we're going to get to the high end of the full year guidance this year. But we do have incremental rate relief that came in at Electric in March, and then we have an order at Gas in September. In addition, there is some timing that we'll see reverse over the remainder of the year at the utilities. And then, we see our non-utilities also continue to perform well, and we see that continuing through the year, too. So, it gives us confidence in the full year guidance.

Andrew Weisel
Analyst, Scotiabank

Q

Okay, great. That's very helpful. Thank you.

David Ruud
Vice Chairman & Chief Financial Officer, DTE Energy Co.

A

Thanks, Andrew.

Operator: Your next question comes from the line of Michael Sullivan with Wolfe Research. You may go ahead.

Michael P. Sullivan
Analyst, Wolfe Research LLC

Q

Hey, good morning.

Joi M. Harris
President, Chief Executive Officer & Director, DTE Energy Co.

A

Good morning.

David Ruud
Vice Chairman & Chief Financial Officer, DTE Energy Co.

A

Hi.

Michael P. Sullivan
Analyst, Wolfe Research LLC

Q

Hey. Wanted to just ask on the Oracle load ramp. Just how you're feeling on timing there, given, I think, that's kind of the main driver to the stay-out getting that kind of mostly ramped next year?

Joi M. Harris
President, Chief Executive Officer & Director, DTE Energy Co.

A

Yeah. Thank you for the question. The construction is proceeding as planned. We are getting all positive indicators that Oracle and related companies are on track for the fast ramp at this point. We are starting to take deliveries of our equipment that will be used to serve them. So, everything is moving in the right direction. We are getting aerial shots. We are seeing you know visuals. And then, obviously, our team is active on the ground with the construction team. So, all systems are go at this point.

Michael P. Sullivan
Analyst, Wolfe Research LLC

Q

Okay. Okay, that's great to hear. And then, I know like every deal can obviously be different. But just in terms of how to think about the next one, is the Google deal like a good template, and if you keep size apples-to-apples,

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Executing on data center opportunities that enhance customer affordability and drive growth

Proven execution with contracts that protect customers and drive growth

2.4 GW of executed agreements today

- ✓ 1.4 GW Oracle agreement approved and in plan
- ✓ 1 GW Google agreement in MPSC approval process; provides upside to current plan
- ✓ Affordability benefits could support potential rate case stay-out until at least 2028

Provides significant affordability benefits for existing customers

Strong pipeline continues to advance

5-6 GW of additional opportunities

- ✓ 2 GW in advanced discussions; targeting additional agreement by end of 2026
- ✓ 3-4 GW of additional pipeline opportunities
- ✓ Large load tariff moving through approval process

Provides upside to operating EPS[1] growth target as the pipeline advances



1. Refer to the appendix for information regarding the reconciliation of operating earnings (non-GAAP) to reported earnings

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-9.4

Respondent: M.A. Bruzzano

Page: 1 of 1

Question: 4. Please refer to the attached press release (Attachment 1), which reads, in relevant part: “Now more than ever, we know affordability matters to our customers – and we’re doing everything we can to keep energy bills as low as possible while also providing the reliable power they need,” said Joi Harris, president and chief executive officer, DTE Energy. “As long as the first data center project we’re supporting comes online as planned by the end of 2027 and we’re able to receive other regulatory approvals, we will refrain from filing another rate request until at least 2028— providing customers two years without an increase in rates after the current request is complete.” What witness or witnesses provide direct testimony on the topic of refraining from filing another rate request until at least 2028 under the scenario outlined in this press release?

Answer: No witness in this proceeding provides direct testimony addressing the topic of refraining from filing a rate case request until at least 2028 under the scenario described in the referenced press release.

Attachment: *None*

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-7.9

Respondent: N.T. Foley

Page: 1 of 1

Question: 9. According to DTE witness Foley, on page NTF-12, if OACS does not exercise its option to delay its load ramp, its load could materialize sooner than has been assumed in the Company's load forecast. At present, has OACS given DTE any reason to believe that OACS would be delaying its load ramp? If yes, please explain. If yes, please also provide copies of any documents and/or communications from OACS that indicate that OACS intends to delay (or is considering delaying) its load ramp start date

Answer: The Company has not received any information from OACS regarding the timing of its ramp or construction schedule, however, the OACS facility is still in the early stages of its development. Any information on the status of construction available at this time is not indicative of OACS' ability to delay their load ramp in the future. Additionally, OACS is only required to give 30-days notice to delay their load ramp and may provide this notice at any point in their load ramp.

Attachment: *None*

EXHIBIT S-14.12

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-7.11d

Respondent: N.T. Foley

Page: 1 of 1

Question: 11. DTE witness Foley describes the LLTM on pages NTF-12 through NTF-14. According to DTE witness Foley, "[t]he purpose of the proposed LLTM is to calculate any OACS Excess Margin during the forward test year, record that amount as a regulatory liability, and pass the benefit back to the Company's other customers through a future filing." According to DTE witness Foley, on page NTF-15, DTE proposes that the LLTM remains in effect through the forward test year (i.e., February 29, 2028).
d. If the Commission approves the OACS sales level and the LLTM as requested by DTE, what is DTE intending to do with the Excess Margin on and after March 1, 2028? Please respond to this question using the assumption of no new rate case filings until 2031.

Answer: Beyond the forward test year of this case, the Company intends to use the margin associated with OACS sales (above what is included in base rates) to the benefit of customers by supporting the Company's objective of providing safe and reliable electric service. For example, any excess margin could be used to meet the Service Quality & Reliability Standards and targets set forth in the Financial Incentive and Disincentives docket, support the reliability of the generation fleet, and continue the transition toward cleaner energy resources.

Attachment: *None*

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-7.11d (S1)

Respondent: N.T. Foley

Page: 1 of 1

Question: 11. DTE witness Foley describes the LLTM on pages NTF-12 through NTF-14. According to DTE witness Foley, “[t]he purpose of the proposed LLTM is to calculate any OACS Excess Margin during the forward test year, record that amount as a regulatory liability, and pass the benefit back to the Company’s other customers through a future filing.” According to DTE witness Foley, on page NTF-15, DTE proposes that the LLTM remains in effect through the forward test year (i.e., February 29, 2028). d. If the Commission approves the OACS sales level and the LLTM as requested by DTE, what is DTE intending to do with the Excess Margin on and after March 1, 2028? Please respond to this question using the assumption of no new rate case filings until 2031.

Answer: If the LLTM is approved as filed, the Company commits that, for the period beginning March 1, 2028 and continuing until new rates are established following its next rate case, if its weather-normal earned ROE exceeds its authorized ROE on a ratemaking basis (as calculated in Exhibit A-1, Schedule A2, page 4, line 82), it will record these excess earnings (appropriately adjusted for taxes) in a regulatory liability to be returned to customers as a bill credit.

For any calendar year in which the commitment period covers only a portion of the year, excess earnings will be prorated based on the portion of the year subject to the commitment. For example, for a calendar year in which three months are subject to the commitment, 25% of excess earnings for that calendar year would be recorded as a regulatory liability.

Attachment: None

EXHIBIT S-14.15

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-47.1biii

Respondent: M.A. Bruzzano

Page: 1 of 1

Question: 1. Please refer to the DTE Energy press release dated April 23, 2026 which refers to a pause of future electric rate requests. This press release refers to refraining from filing another rate request until at least 2028. Here is an excerpt from that press release:

> "Now more than ever, we know affordability matters to our customers – and we're doing everything we can to keep energy bills as low as possible while also providing the reliable power they need," said Joi Harris, president and chief executive officer, DTE Energy. "As long as the first data center project we're supporting comes online as planned by the end of 2027 and we're able to receive other regulatory approvals, we will refrain from filing another rate request until at least 2028—providing customers two years without an increase in rates after the current request is complete."

b. Has the Company performed a financial analysis or internal modeling that leads the Company to believe that it will file another rate request prior to 2028? If yes, please provide:

iii. What would be the size of the rate relief needed (revenue deficiency request) in that next rate case?

Answer: The Company is unable to determine the potential revenue deficiency that would be needed in the hypothetical future rate case. The necessary rate relief would depend on a number of factors, such as the outcome of the current rate case, the timing of the OACS load ramp, future inflation and interest rates, emergent costs, and changes to projected sales.

Attachment: *None*

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-47.1e

Respondent: M.A. Bruzzano

Page: 1 of 1

Question: 1. Please refer to the DTE Energy press release dated April 23, 2026 which refers to a pause of future electric rate requests. This press release refers to refraining from filing another rate request until at least 2028. Here is an excerpt from that press release:

> "Now more than ever, we know affordability matters to our customers – and we're doing everything we can to keep energy bills as low as possible while also providing the reliable power they need," said Joi Harris, president and chief executive officer, DTE Energy. "As long as the first data center project we're supporting comes online as planned by the end of 2027 and we're able to receive other regulatory approvals, we will refrain from filing another rate request until at least 2028—providing customers two years without an increase in rates after the current request is complete."

e. Please provide the amount of rate relief needed for the 12-month period (March 2028 to February 2029) that immediately follows the test period in this case. If this is dependent on the ramp pace of Oracle and/or Google, then please provide those scenarios.

Answer: The Company is unable to project this given the uncertainty in the outcome of this instant case and other factors that would determine projected revenue deficiency as described in STDE-47.1biii.

Attachment: *None*

EXHIBIT S-14.18

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-46.4

Respondent: N.T. Foley

Page: 1 of 1

Question: 4. Please refer to discovery response STDE-7.4a, which identifies a $158 million data point. Are there any other costs in addition to the $158 million that the Company would expect to incur during the test period if OACS/Oracle were to ramp with zero delay? If yes, please identify and quantify.

Answer: The Company would only expect to incur incremental fuel and purchased power and substation costs as discussed in STDE-7.4a. However, for the purposes of ratemaking and as reflected in Exhibit A-13 Sch C4 Ln 3, the incremental expense associated with any sales is the PSCR Base plus loss factor, which equals 33.67 mils/kWh, or a total of $183 million for OACS sales. When accounting for the substation as discussed in STDE-7.4a, total incremental expense in the test year would be approximately $200 million.

The Company notes that actual fuel and purchased power costs and any increases to the Company's transmission expense would be accounted for through the full PSCR mechanism (i.e., base recovery through base rates and the balance recovered through the PSCR surcharge).

Attachment: *None*

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-7.3

Respondent: K. Vangilder

Page: 1 of 1

Question: 3. According to DTE witness Vangilder, DTE is requesting a revenue deficiency of $474.3 million and assumed OACS sales for this case by assuming a full load ramp delay of 12-months for OACS. Please identify the revenue deficiency if DTE were to use the agreed upon load ramp schedule that begins in January 2027 and completes in December 2027 (zero load ramp delay).

Answer: See response to STDE-7.2b. The Company disagrees with the characterization that the “agreed upon” load ramp reflects OACS achieving their max load in December 2027. The PSA establishes an OACS load ramp that can complete, at OACS’ sole discretion, anytime between December 2027 and December 2028. Accordingly, it does not require OACS to complete its load ramp by December 2027.

The Company has not completed an analysis of a no load ramp delay. The requested analysis would require adjustments to sales volumes and revenues (requiring new billing determinants, allocation schedules and present revenues), fuel & purchased power calculations, and substation capital and O&M related costs (including returns, depreciation, property tax, and financing calculations).

Attachment: None.

Co-Respondent(s): N.T. Foley

MPSC Case No: U-22046

Requester: Staff

Question No.: STDE-7.12

Respondent: M.A. Bruzzano

Page: 1 of 1

Question: 12. According to DTE witness Foley, on page NTF-15, in the future filing to address any accumulated LLTM regulatory liability, DTE would propose a use for such accumulated regulatory liability for the benefit of the Company's other customers. Please identify the possible uses for the regulatory liability being considered by DTE. For example, is DTE planning to propose a rate reduction? Is DTE planning to propose a bill credit? Is DTE planning to propose other proposals?

Answer: As stated in Q39 of my direct testimony, "[o]nce the timing of OACS' load ramp becomes clearer and the magnitude of any regulatory liability accrued in the forward test year can be projected with greater certainty, the Company will make a filing with the Commission proposing how the LLTM balance could be used for the benefit of other customers. Such a filing will be made no later than June 1, 2028." Possible uses for the regulatory liability identified by the Company include offsetting future costs (thus delaying the need for a future rate case) as well as a bill credit.

Attachment: *None*

Data center projects combined with our continuous improvement culture will sustain our historical success of managing customer affordability

Data centers drive significant affordability benefits for existing customers

Oracle 1.4 GW (approved and in plan)

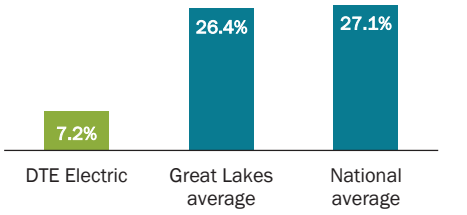
- Oracle data center provides ~$300 million of annual affordability benefits for existing customers once fully ramped

Google 1.0 GW (upside to plan)

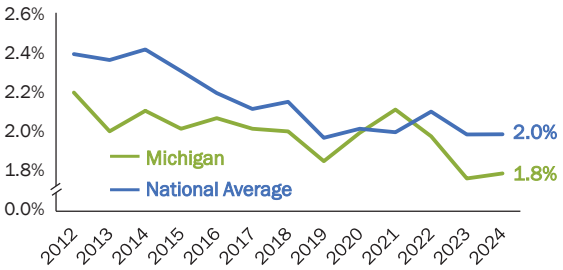
- Google data center expected to generate ~$1.7 billion of affordability benefits for existing customers over the life of the contract

Top tier affordability

Total electric residential bill change % from 2021 to 2026[1]



Electric residential bill as a percent of median household income[2]



1. Source: Energy Information Administration (EIA). Ending point is the average 12-month rolling residential bill from April 2025 to March 2026
2. Source: EIA and Federal Reserve Economic Data (FRED)

EXHIBIT S-14.23

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

EXHIBIT S-14.24

IS CONFIDENTIAL AND BEING FILED UNDER SEAL WITH THE MPSC

Exhibit A-1 – Customer Committed Capacity Ramp

The following is the Customer Committed Capacity Ramp as of the first day of the applicable month:

Month	Customer Committed Capacity (MW)
June 1, 2026	**0**
July 1, 2026	**0**
August 1, 2026	**0**
September 1, 2026	**0**
October 1, 2026	**0**
November 1, 2026	**0**
December 1, 2026	**0**
January 1, 2027	**39**
February 1, 2027	**39**
March 1, 2027	**150**
April 1, 2027	**262**
May 1, 2027	**372**
June 1, 2027	**623**
July 1, 2027	**747**
August 1, 2027	**834**
September 1, 2027	**1070**
October 1, 2027	**1070**
November 1, 2027	**1070**
December 1, 2027 and at all times thereafter	**1383**

Case No: U-22046
Witness: J. E. Ufolla
Exhibit No: S-4
Schedule No: D-1
Date: 8/26/2026
Page: 1 of 1

DTE Electric Company
Staff Overall Ratemaking Capital Structure
Recommended fot Test Year Ending February 29, 2028

Line	Description	Amount (000)	Permanent Ratio	Total Capital Ratio	Cost Rate	Weighted Cost	Conversion Factor	Pre-Tax Weighted Cost
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Long-Term Debt	$ 10,143,184	50.00%	39.21%	4.46%	1.75%	1.0000	1.75%
2	Preferred Stock	$0	0.00%	0.00%	0.00%	0.00%	1.3496	0.00%
3	Common Equity	$ 10,143,184	50.00%	39.21%	9.90%	3.88%	1.3496	5.24%
4	Total Permanent Capital	$20,286,368	100.00%					
5	Short-Term Debt	$684,523		2.65%	3.74%	0.10%	1.0000	0.10%
6	Deferred FIT	$4,846,224		18.73%	0.00%	0.00%	1.0000	0.00%
7	ITC							
8	Def ITC - Long Term Debt	$25,573		0.10%	4.46%	0.00%	1.0000	0.00%
9	Def ITC - Preferred Stock	$0		0.00%	0.00%	0.00%	1.3496	0.00%
10	Def ITC - Common Equity	$25,573		0.10%	9.90%	0.01%	1.3496	0.01%
11	Total ITC	$51,145				0.01%		0.02%
12	Total Capitalization	$25,868,260		100.00%		5.74%		7.10%

DTE Electric Company
Cost of Long-Term Debt
Projected 12 Months Ending February 29, 2028

Case No: U-22046
Witness: J. E. Ufolla
Exhibit No: S-4
Schedule No: D-2
Date: 8/26/2026
Page: 1 of 1

Line No.	Issue Name	Original Issue Date	Stated Maturity	Interest Rate	Amount of Offering ($000)	Price to Public (%)	Expenses of Financing (%)	Net Proceeds to the Company (%)	Cost Based On Net Proceeds (%)	Amount Outstanding ($000)	Annual Cost ($000)
1	2002 Series B	10/23/02	10/15/32	6.350%	$ 225,000	99.33%	0.96%	98.37%	6.47%	$ 225,000	$ 14,566
2	2005 Series BR	2/7/05	2/15/35	5.450%	$ 200,000	99.59%	1.03%	98.56%	5.55%	$ 200,000	$ 11,098
3	2005 Series E	10/6/05	10/1/37	5.700%	$ 250,000	99.40%	0.98%	98.42%	5.81%	$ 250,000	$ 14,523
4	2006 Series A	6/1/06	6/1/36	6.625%	$ 250,000	99.95%	0.99%	98.95%	6.71%	$ 250,000	$ 16,766
5	2007 Series A	12/18/07	3/15/38	6.470%	$ 50,000	100.00%	0.83%	99.17%	6.53%	$ 50,000	$ 3,266
6	2011 Series F	9/1/11	9/1/41	5.670%	$ 46,000	100.00%	0.59%	99.41%	5.71%	$ 46,000	$ 2,627
7	2011 Series H	9/20/11	9/1/41	4.500%	$ 140,000	98.87%	1.05%	97.81%	4.64%	$ 140,000	$ 6,490
8	2012 Series B	6/22/12	6/15/42	3.950%	$ 250,000	99.57%	1.02%	98.54%	4.03%	$ 250,000	$ 10,086
9	2013 Series A	3/27/13	4/1/43	4.000%	$ 375,000	99.55%	1.05%	98.50%	4.09%	$ 375,000	$ 15,327
10	2014 Series B	6/4/14	6/1/44	4.600%	$ 150,000	100.00%	0.61%	99.39%	4.64%	$ 150,000	$ 6,957
11	2014 Series E	7/2/14	7/1/44	4.300%	$ 350,000	99.85%	1.02%	98.83%	4.37%	$ 350,000	$ 15,296
12	2015 Series A	3/11/15	3/15/45	3.700%	$ 500,000	99.77%	1.03%	98.73%	3.77%	$ 500,000	$ 18,854
13	2016 Series A	5/17/16	6/1/46	3.700%	$ 300,000	99.93%	1.10%	98.82%	3.77%	$ 300,000	$ 11,297
14	Amort 1995CC Iss Exp	9/1/11	9/1/30	0.000%	$ -	0.00%	0.00%	0.00%	0.00%	$ -	$ -
15	2017 Series B	8/9/17	8/15/47	3.750%	$ 440,000	99.95%	1.10%	98.85%	3.81%	$ 440,000	$ 16,784
16	2018 Series A	5/7/18	5/15/48	4.050%	$ 525,000	99.55%	1.10%	98.46%	4.14%	$ 525,000	$ 21,736
17	2019 Series A	2/15/19	3/1/49	3.950%	$ 650,000	99.20%	1.09%	98.11%	4.06%	$ 650,000	$ 26,385
18	2020 Series A	2/26/20	3/1/30	2.250%	$ 600,000	99.88%	0.84%	99.04%	2.36%	$ 600,000	$ 14,148
19	2020 Series B	2/26/20	3/1/50	2.950%	$ 500,000	99.96%	1.07%	98.89%	3.01%	$ 500,000	$ 15,031
20	2020 Series C	4/6/20	3/1/31	2.625%	$ 600,000	99.83%	0.83%	99.00%	2.73%	$ 600,000	$ 16,387
21	2021 Green Series A	3/29/21	4/1/28	1.900%	$ 575,000	99.92%	0.85%	99.06%	2.04%	$ 575,000	$ 11,756
22	2021 Green Series B	3/29/21	4/1/51	3.250%	$ 425,000	99.17%	1.10%	98.06%	3.35%	$ 425,000	$ 14,250
23	1995CC 2021 Remarketing	9/1/21	9/1/30	1.450%	$ 82,350	100.00%	0.68%	99.32%	1.53%	$ 82,350	$ 1,261
24	2008ET2 2021 Remarketing	9/1/21	8/1/29	1.350%	$ 59,175	100.00%	0.69%	99.31%	1.44%	$ 59,175	$ 854
25	2022 Series A	2/24/22	3/1/32	3.000%	$ 500,000	99.60%	0.90%	98.70%	3.15%	$ 500,000	$ 15,764
26	2022 Green Series B	2/24/22	3/1/52	3.650%	$ 400,000	99.39%	1.13%	98.26%	3.75%	$ 400,000	$ 14,988
27	2023 Series A	3/3/23	4/1/33	5.200%	$ 600,000	99.79%	0.88%	98.91%	5.34%	$ 600,000	$ 32,045
28	2023 Series B	3/3/23	4/1/53	5.400%	$ 600,000	99.82%	1.31%	98.50%	5.50%	$ 600,000	$ 33,013
29	2023 Series DT	6/1/23	6/1/53	3.875%	$ 100,000	100.00%	1.27%	98.73%	3.95%	$ 100,000	$ 3,948
30	2024 Series C	2/29/24	3/1/34	5.200%	$ 500,000	99.95%	0.86%	99.09%	5.32%	$ 500,000	$ 26,591
31	2025 Series B	5/14/25	5/15/35	5.250%	$ 700,000	100.61%	0.62%	99.99%	5.25%	$ 700,000	$ 36,754
32	2025 Series C	5/14/25	5/15/55	5.850%	$ 700,000	100.80%	0.78%	100.02%	5.85%	$ 700,000	$ 40,938
33	2026 Series A	2/27/26	3/1/36	4.850%	$ 800,000	100.00%	1.00%	99.00%	4.98%	$ 800,000	$ 39,824
34	2026 Series B	2/27/26	3/1/56	5.550%	$ 800,000	100.00%	1.00%	99.00%	5.62%	$ 800,000	$ 44,954
35	2026 Series C	10/1/26	10/1/56	5.830%	$ 500,000	100.00%	1.00%	99.00%	5.90%	$ 500,000	$ 29,508
36	2027 Series A	3/1/27	3/1/57	5.520%	$ 792,500	100.00%	1.00%	99.00%	5.58%	$ 792,500	$ 44,191
									4.46%	$ 14,535,025	$ 648,261

30-Year Treasury Yield - S&P Key Interest Rate Forecast

Date	2026 Yield	2027 Yield	2028 Yield	Test Year
Jul-26	4.888%	4.536%	4.380%	4.51%
Jun-26	4.888%	4.536%	4.380%	4.51%
May-26	4.810%	4.489%	4.357%	4.47%
Average	4.862%	4.520%	4.373%	**4.50%**

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DTE Electric Company
Cost of Short-Term Debt
Projected 12 Months Ending February 29, 2028

(a) Line	(b) Description	(c) Average Short Term Debt Balance ($000)	(d) Cost Rate	(e) Total Cost ($000)
1	Base Rate	$ 684,523	3.39%	$ 23,237
2	Interest Rate Spread		0.10%	$ 685
3	Credit Fees		0.24%	$ 1,674
4	Total cost of Short Term Debt	$ 684,523	3.74%	$ 25,595

Secure Overnight Financing Rate - S&P Key Interest Rate Forecast

Date	2027 Yield	2028 Yield	Test Year
Jul-26	3.435%	3.303%	3.41%
Jun-26	3.435%	3.303%	3.41%
May-26	3.418%	3.060%	3.36%
Average	3.429%	3.222%	**3.39%**

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Witness: J. E. Ufolla
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DTE Electric Company
Staff's Inflation Rate Forecast
For Test Year Ended February 28, 2028

(a) Line No.	(b) Source	(c) 2026	(d) 2027	(e) 2028	(f) Notes
1	IHS Global Insight	4.00%	2.50%	1.60%	US Economic Outlook Tables (May 2026)
2	Federal Reserve*	2.70%	2.20%	2.00%	FOMC Projections (March 2026)
3	Congressional Budget Office	2.80%	2.40%	2.30%	The Budget and Economic Outlook (February 2026)
4	**Average**	**3.17%**	**2.37%**	**1.97%**	

Actual Inflation Rates

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVE.
2026	2.39%	2.41%	3.26%	3.81%									2.97%
2025	3.00%	2.82%	2.39%	2.31%	2.35%	2.67%	2.70%	2.92%	3.01%	2.79%	2.74%	2.68%	2.70%
2024	3.09%	3.15%	3.48%	3.36%	3.27%	2.97%	2.89%	2.53%	2.44%	2.60%	2.75%	2.89%	2.95%
2023	6.41%	6.04%	4.98%	4.93%	4.05%	2.97%	3.18%	3.67%	3.70%	3.24%	3.14%	3.35%	4.12%
2022	7.48%	7.87%	8.54%	8.26%	8.58%	9.06%	8.52%	8.26%	8.20%	7.75%	7.11%	6.45%	8.01%
2021	1.40%	1.68%	2.62%	4.16%	1.99%	5.39%	5.37%	5.25%	5.39%	6.22%	6.81%	7.04%	4.70%
2020	2.49%	2.33%	1.54%	0.33%	0.12%	0.65%	0.99%	1.31%	1.37%	1.18%	1.17%	1.36%	1.24%
2019	1.55%	1.52%	1.86%	2.00%	1.79%	1.65%	1.81%	1.75%	1.71%	1.76%	2.05%	2.29%	1.81%
2018	2.07%	2.21%	2.36%	2.46%	2.80%	2.87%	2.95%	2.70%	2.28%	2.52%	2.18%	1.91%	2.44%
2017	2.50%	2.74%	2.38%	2.20%	1.87%	1.63%	1.73%	1.94%	2.23%	2.04%	2.20%	2.11%	2.13%
2016	1.37%	1.02%	0.85%	1.13%	1.02%	1.00%	0.83%	1.06%	1.46%	1.64%	1.69%	2.07%	1.26%
2015	-0.09%	-0.03%	-0.07%	-0.20%	-0.04%	0.12%	0.17%	0.20%	-0.04%	0.17%	0.50%	0.73%	0.12%
2014	1.58%	1.13%	1.51%	1.95%	2.13%	2.07%	1.99%	1.70%	1.66%	1.66%	1.32%	0.76%	1.62%
2013	1.59%	1.98%	1.47%	1.06%	1.36%	1.75%	1.96%	1.52%	1.18%	0.96%	1.24%	1.50%	1.47%
2012	2.93%	2.87%	2.65%	2.30%	1.70%	1.66%	1.41%	1.69%	1.99%	2.16%	1.76%	1.74%	2.07%
2011	1.63%	2.11%	2.68%	3.16%	3.57%	3.56%	3.63%	3.77%	3.87%	3.53%	3.39%	2.96%	3.16%
2010	2.63%	2.14%	2.31%	2.24%	2.02%	1.05%	1.24%	1.15%	1.14%	1.17%	1.14%	1.50%	1.64%
2009	0.03%	0.24%	-0.38%	-0.74%	-1.28%	-1.43%	-2.10%	-1.48%	-1.29%	-0.18%	1.84%	2.72%	-0.34%
2008	4.28%	4.03%	3.98%	3.94%	4.18%	5.02%	5.60%	5.37%	4.94%	3.66%	1.07%	0.09%	3.85%
2007	2.08%	2.42%	2.78%	2.57%	2.69%	2.69%	2.36%	1.97%	2.76%	3.54%	4.31%	4.08%	2.85%
2006	3.99%	3.60%	3.36%	3.55%	4.17%	4.32%	4.15%	3.82%	2.06%	1.31%	1.97%	2.54%	3.24%
2005	2.97%	3.01%	3.15%	3.51%	2.80%	2.53%	3.17%	3.64%	4.69%	4.35%	3.46%	3.42%	3.39%
2004	1.93%	1.69%	1.74%	2.29%	3.05%	3.27%	2.99%	2.65%	2.54%	3.19%	3.52%	3.26%	2.68%
2003	2.60%	2.98%	3.02%	2.22%	2.06%	2.11%	2.11%	2.16%	2.32%	2.04%	1.77%	1.88%	2.27%
2002	1.14%	1.14%	1.48%	1.64%	1.18%	1.07%	1.46%	1.80%	1.51%	2.03%	2.20%	2.38%	1.59%
2001	3.73%	3.53%	2.92%	3.27%	3.62%	3.25%	2.72%	2.72%	2.65%	2.13%	1.90%	1.55%	2.83%
2000	2.74%	3.22%	3.76%	3.07%	3.19%	3.73%	3.66%	3.41%	3.45%	3.45%	3.45%	3.39%	3.38%

Source: InflationData.com

*The Federal Reserve projects PCE inflation as opposed to CPI inflation, which is projected by the other two sources. The two measures are similar and both relied upon in the industry.

Case No: U-22046
Witness: J. E. Ufolla
DTE Electric Company
Exhibit No: S-4
Cost of Preferred Stock
Schedule No: D-4
Projected 12 Months Ending February 29, 2028
Date: 8/26/2026
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(a)	(b)	(c)	(d)	(e)
		Amount	Cost	Total
Line	Description	Oustanding	Rate	Cost
1	Preferred Stock	-	0%	-

Case No: U-22046
Witness: J. E. Ufolla
DTE Electric Company — Exhibit No: S-4
Cost of Common Equity — Schedule No: D-5
Projected 12 Months Ending February 29, 2028 — Date: 8/26/2026

(a) Line	(b) Description	(c) Amount Oustanding	(d) Cost Rate	(e) Total Cost
1	Common Equity		9.90%	$ -

Electric Proxy Group Corporate Statistics

(a) Line No.	(b) Company	(c) Ticker Symbol	(d) Moody's Issuer Rating	(e) S&P Issuer Rating	(f) Dividend Payout %	(g) Value Line Beta	(h) Holding Company Equity %
1	Ameren Corp	AEE	Baa1	BBB+	56%	0.75	45.30%
2	OGE Energy Corp	OGE	Baa1	BBB+	71%	0.85	48.10%
3	Otter Tail Corp	OTTR	Baa1	BBB	32%	0.85	65.90%
4	WEC Energy Corp	WEC	Baa1	A-	67%	0.70	41.90%
5	Consolidated Edison Inc	ED	Baa1	A-	57%	0.65	48.60%
6	Duke Energy Corp New	DUK	Baa1	BBB+	68%	0.65	38.60%
7	PPL Corporation	PPL	Baa1	A-	60%	0.80	45.30%
8	Southern Co	SO	Baa1	NR	68%	0.65	36.00%
9	Portland General Electric Compa	POR	A3	BBB+	67%	0.75	45.60%
10	Xcel Energy Inc	XEL	Baa1	BBB+	57%	0.70	41.60%
11	Average		Baa1	BBB+	60%	0.74	45.69%
12	DTE Electric		A2	A-			

Selection Criteria:

- Value Line Electric Utility
- Has available Value Line Report
- Currently paying Dividend to Shareholders
- Must not be a target of a merger or acquisition
- Moody's rating of Baa1 or higher

Sources:

(f) (g) (h) Value Line Reports (May-July 2026)

Proxy Group
3-month Average Stock Price and Dividend Yield

(a) Line No.	(b) Company	(c) Ticker Symbol	(d) Closing Stock Price April-26	(e) Closing Stock Price May-26	(f) Closing Stock Price June-26	(g) Average 3-Month Price	(h) Last Quarter Dividend	(i) Annualized Dividend Rate	(j) Dividend Yield
1	Ameren Corp	AEE	112.85	107.21	113.04	111.03	0.750	3.00	2.70%
2	OGE Energy Corp	OGE	48.80	47.23	48.66	48.23	0.425	1.70	3.52%
3	Otter Tail Corp	OTTR	88.67	86.66	89.98	88.44	0.578	2.31	2.61%
4	WEC Energy Corp	WEC	116.94	111.05	116.77	114.92	0.953	3.81	3.32%
5	Consolidated Edison Inc	ED	110.56	105.63	110.63	108.94	0.888	3.55	3.26%
6	Duke Energy Corp New	DUK	128.44	122.73	126.58	125.92	1.065	4.26	3.38%
7	PPL Corporation	PPL	37.14	35.11	36.35	36.20	0.285	1.14	3.15%
8	Southern Co	SO	95.91	92.05	95.71	94.56	0.760	3.04	3.22%
9	Portland General Electric Company	POR	51.38	49.59	51.83	50.93	0.551	2.21	4.33%
10	Xcel Energy Inc	XEL	82.33	78.90	80.30	80.51	0.593	2.37	2.95%
11	Average		87.30	83.62	86.99	85.97	0.685	2.74	3.24%

Source:
Yahoo Finance

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Projected Growth Rates (%)

(a) Line No.	(b) Company	(c) Ticker Symbol	(d) 5-Year S&P Earnings	(e) 5-Year ValueLine Earnings	(f) 5-Year Zacks Earnings	(g) Average Growth
1	Ameren Corp	AEE	7.90%	7.50%	9.27%	8.22%
2	OGE Energy Corp	OGE	6.79%	6.00%	5.57%	6.12%
3	Otter Tail Corp	OTTR	8.00%	-1.00%	N/A	3.50%
4	WEC Energy Corp	WEC	8.14%	7.00%	7.44%	7.53%
5	Consolidated Edison Inc	ED	6.29%	6.50%	6.47%	6.42%
6	Duke Energy Corp New	DUK	6.58%	6.50%	N/A	6.54%
7	PPL Corporation	PPL	7.89%	8.00%	7.52%	7.80%
8	Southern Co	SO	8.08%	7.00%	7.23%	7.44%
9	Portland General Electric Company	POR	6.49%	6.50%	7.03%	6.67%
10	Xcel Energy Inc	XEL	8.96%	8.00%	9.36%	8.77%
11	Average		7.51%	6.20%	7.49%	6.90%

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Discounted Cash flow Model (DCF)

(a) Line No.	(b) Company	(c) Ticker Symbol	(d) Dividend Yield	(e) Growth Rate	(f) Cost of Equity DCF	(g) Adjusted DCF
1	Ameren Corp	AEE	2.70%	8.22%	10.93%	11.04%
2	OGE Energy Corp	OGE	3.52%	6.12%	9.64%	9.75%
3	Otter Tail Corp	OTTR	2.61%	3.50%	6.11%	6.16%
4	WEC Energy Corp	WEC	3.32%	7.53%	10.84%	10.97%
5	Consolidated Edison Inc	ED	3.26%	6.42%	9.68%	9.79%
6	Duke Energy Corp New	DUK	3.38%	6.54%	9.92%	10.03%
7	PPL Corporation	PPL	3.15%	7.80%	10.95%	11.08%
8	Southern Co	SO	3.22%	7.44%	10.65%	10.77%
9	Portland General Electric Com	POR	4.33%	6.67%	11.00%	11.15%
10	Xcel Energy Inc	XEL	2.95%	8.77%	11.72%	11.85%
11	Proxy Average					**10.26%**
12	Proxy Low Value					6.16%
13	Proxy High Value					11.85%
14	Proxy Median					10.87%

(d) Schedule D page 3
(e) Schedule D page 4
(f) Equals (e) +(d)
(g) Equals (e) + (d)[1 + 0.5 x (e)]

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Two-Step Discounted Cash flow Model (DCF)

(a) Line No.	(b) Company	(c) Ticker Symbol	(d) Dividend Yield	(e) Analyst Growth Rate	(f) GDP Growth Rate	(g) Cost of Equity DCF	Adjusted DCF
1	Ameren Corp	AEE	2.70%	8.22%	4.79%	10.24%	10.35%
2	OGE Energy Corp	OGE	3.52%	6.12%	4.79%	9.38%	9.49%
3	Otter Tail Corp	OTTR	2.61%	3.50%	4.79%	6.37%	6.42%
4	WEC Energy Corp	WEC	3.32%	7.53%	4.79%	10.30%	10.42%
5	Consolidated Edison Inc	ED	3.26%	6.42%	4.79%	9.36%	9.46%
6	Duke Energy Corp New	DUK	3.38%	6.54%	4.79%	9.57%	9.68%
7	PPL Corporation	PPL	3.15%	7.80%	4.79%	10.35%	10.47%
8	Southern Co	SO	3.22%	7.44%	4.79%	10.12%	10.24%
9	Portland General Electric Com	POR	4.33%	6.67%	4.79%	10.63%	10.77%
10	Xcel Energy Inc	XEL	2.95%	8.77%	4.79%	10.92%	11.05%
11	Proxy Average						**9.84%**
12	Proxy Low Value						6.42%
13	Proxy High Value						11.05%
14	Proxy Median						10.30%

S&P Key Interest Rate Forecast Tables	Nominal GDP ($B) 2026	2027	2028	Nominal Growth 2027	2028
Jul-26	32553.95	34175.5	35814.65	4.98%	4.80%
Jun-26	32553.95	34175.5	35814.65	4.98%	4.80%
May-26	32535.09	33991.99	35518.53	4.48%	4.49%
Average				4.81%	4.69%

(d) Schedule D page 3
(e) Schedule D page 4
(f) See Table
(g) Equals (e) x 0.8 + (f) x 0.2 + (d)
(h) Equals (e) x 0.8 + (f) x 0.2 + (d)[1 + 0.5 x (e)]

Capital Asset Pricing Model (CAPM)

(a) Line	(b) Company	(c) Ticker Symbol	(d) Valule Line Beta	(e) Risk Free Rate	(f) 1928-2025 Risk Premium	(g) Historical CAPM
1	Ameren Corp	AEE	0.75	4.373%	7.00%	9.62%
2	OGE Energy Corp	OGE	0.85	4.373%	7.00%	10.32%
3	Otter Tail Corp	OTTR	0.85	4.373%	7.00%	10.32%
4	WEC Energy Corp	WEC	0.70	4.373%	7.00%	9.27%
5	Consolidated Edison Inc	ED	0.65	4.373%	7.00%	8.92%
6	Duke Energy Corp New	DUK	0.65	4.373%	7.00%	8.92%
7	PPL Corporation	PPL	0.80	4.373%	7.00%	9.97%
8	Southern Co	SO	0.65	4.373%	7.00%	8.92%
9	Portland General Electric Company	POR	0.75	4.373%	7.00%	9.62%
10	Xcel Energy Inc	XEL	0.70	4.373%	7.00%	9.27%
11	Proxy Average		0.74			**9.52%**
12	Proxy Low Value		0.65			8.92%
13	Proxy High Value		0.85			10.32%
14	Proxy Median		0.73			9.45%

Source:

(e) Exhibit S-4 Schedule D-2

(f) Exhibit S-4 Schedule D-5 Page 8

Historical Risk Premium

Year	S&P 500 Total Returns	Long Term Gov Bonds Income Returns	Difference
1928	43.81%	3.22%	40.59%
1929	-8.30%	3.47%	-11.77%
1930	-25.12%	3.32%	-28.44%
1931	-43.84%	3.33%	-47.17%
1932	-8.64%	3.69%	-12.33%
1933	49.98%	3.12%	46.86%
1934	-1.19%	3.18%	-4.37%
1935	46.74%	2.81%	43.93%
1936	31.94%	2.77%	29.17%
1937	-35.34%	2.66%	-38.00%
1938	29.28%	2.64%	26.64%
1939	-1.10%	2.40%	-3.50%
1940	-10.67%	2.23%	-12.90%
1941	-12.77%	1.94%	-14.71%
1942	19.17%	2.46%	16.71%
1943	25.06%	2.44%	22.62%
1944	19.03%	2.46%	16.57%
1945	35.82%	2.34%	33.48%
1946	-8.43%	2.04%	-10.47%
1947	5.20%	2.13%	3.07%
1948	5.70%	2.40%	3.30%
1949	18.30%	2.25%	16.05%
1950	30.81%	2.12%	28.69%
1951	23.68%	2.38%	21.30%
1952	18.15%	2.66%	15.49%
1953	-1.21%	2.84%	-4.05%
1954	52.56%	2.79%	49.77%
1955	32.60%	2.75%	29.85%
1956	7.44%	2.99%	4.45%
1957	-10.46%	3.44%	-13.90%
1958	43.72%	3.27%	40.45%
1959	12.06%	4.01%	8.05%
1960	0.34%	4.26%	-3.92%
1961	26.64%	3.83%	22.81%
1962	-8.81%	4.00%	-12.81%
1963	22.61%	3.89%	18.72%
1964	16.42%	4.15%	12.27%
1965	12.40%	4.19%	8.21%
1966	-9.97%	4.49%	-14.46%
1967	23.80%	4.59%	19.21%
1968	10.81%	5.50%	5.31%
1969	-8.24%	5.95%	-14.19%
1970	3.56%	6.74%	-3.18%
1971	14.22%	6.32%	7.90%
1972	18.76%	5.87%	12.89%
1973	-14.31%	6.51%	-20.82%
1974	-25.90%	7.27%	-33.17%
1975	37.00%	7.99%	29.01%
1976	23.83%	7.89%	15.94%
1977	-6.98%	7.14%	-14.12%
1978	6.51%	7.90%	-1.39%
1979	18.52%	8.86%	9.66%
1980	31.74%	9.97%	21.77%
1981	-4.70%	11.55%	-16.25%
1982	20.42%	13.50%	6.92%
1983	22.34%	10.38%	11.96%
1984	6.15%	11.74%	-5.59%
1985	31.24%	11.25%	19.99%
1986	18.49%	8.98%	9.51%
1987	5.81%	7.92%	-2.11%
1988	16.54%	8.97%	7.57%
1989	31.48%	8.81%	22.67%
1990	-3.06%	8.19%	-11.25%
1991	30.23%	8.22%	22.01%
1992	7.49%	7.26%	0.23%
1993	9.97%	7.17%	2.80%
1994	1.33%	6.59%	-5.26%
1995	37.20%	7.60%	29.60%
1996	22.68%	6.18%	16.50%
1997	33.10%	6.64%	26.46%
1998	28.34%	5.83%	22.51%
1999	20.89%	5.57%	15.32%
2000	-9.03%	6.50%	-15.53%
2001	-11.85%	5.53%	-17.38%
2002	-21.97%	5.59%	-27.56%
2003	28.36%	4.80%	23.56%
2004	10.74%	5.02%	5.72%
2005	4.83%	4.69%	0.14%
2006	15.61%	4.68%	10.93%
2007	5.48%	4.86%	0.62%
2008	-36.55%	4.45%	-41.00%
2009	25.94%	3.47%	22.47%
2010	14.82%	4.25%	10.57%
2011	2.10%	3.82%	-1.72%
2012	15.89%	1.47%	14.42%
2013	32.15%	2.90%	29.25%
2014	13.52%	3.41%	10.11%
2015	1.38%	2.47%	-1.09%
2016	11.77%	2.30%	9.47%
2017	21.61%	2.67%	18.94%
2018	-4.23%	2.82%	-7.05%
2019	31.21%	2.55%	28.66%
2020	18.02%	1.53%	16.49%
2021	28.47%	1.73%	26.74%
2022	-18.04%	2.61%	-20.65%
2023	26.06%	4.09%	21.97%
2024	24.88%	4.41%	20.47%
2025	17.72%	4.78%	12.94%
1928-2025 Average	11.85%	4.85%	7.00%

Sources: S&P 500 Total Return - Damodaran Online (NYU) Stocks, bonds, and Bills
Government Bond Retruns 1928-2022 - Kroll SBBI Yearbook 2023
Government Bond Retruns 2023 onward - Federal Reserve (FRED) Market Yield on U.S. Treasury Securities at 30-Year Constant Maturity

Dow Jones Utility Average

Line	(a) Date	(b) Index value	(c) Price Return %	(d) TR Index Value	(e) TR % avg
1	3-Jan-00	276.72		577.38	
2	29-Dec-00	412.16	48.95	890.95	54.31
3	31-Dec-01	293.94	(28.68)	656.90	(26.27)
4	31-Dec-02	215.18	(26.79)	503.29	(23.38)
5	31-Dec-03	266.90	24.04	651.22	29.39
6	31-Dec-04	334.95	25.50	848.16	30.24
7	30-Dec-05	405.11	20.95	1061.35	25.14
8	29-Dec-06	456.77	12.75	1237.84	16.63
9	31-Dec-07	532.69	16.62	1486.82	20.11
10	31-Dec-08	370.76	(30.40)	1072.94	(27.84)
11	31-Dec-09	398.01	7.35	1206.78	12.47
12	31-Dec-10	404.99	1.75	1284.76	6.46
13	30-Dec-11	464.88	14.79	1537.94	19.71
14	31-Dec-12	453.09	(2.54)	1563.18	1.64
15	31-Dec-13	490.57	8.27	1761.56	12.69
16	31-Dec-14	618.08	25.99	2301.45	30.65
17	31-Dec-15	577.82	(6.51)	2230.94	(3.06)
18	31-Dec-16	659.61	14.15	2636.44	18.18
19	31-Dec-17	723.37	9.67	2988.41	13.35
20	31-Dec-18	712.93	(1.44)	3047.76	1.99
21	31-Dec-19	879.17	23.32	3879.67	27.30
22	31-Dec-20	864.64	(1.65)	3939.83	1.55
22	31-Dec-21	980.78	13.43	4609.97	17.01
22	30-Dec-22	967.40	(1.36)	4686.93	1.67
23	31-Dec-23	881.67	(8.86)	4420.24	(5.69)
24	31-Dec-24	982.74	11.46	5090.69	15.17
25	31-Dec-25	1068.07	8.68	5700.4	11.98

Source

Column (b & d): data source from S&P Global with reference to the Dow Jones Utility Average Total Return

Address is https://www.spglobal.com/spdji/en/indices/equity/dow-jones-utility-average/#overview

Historical Utility Equity and Bond Data

ELECTRIC UTILITY | **Bond Yields**

Period	Market Price - Weighted Average - $ Per Share (End of Dec)	Capital Gain/Loss % Growth (Loss) on Nat. Gas Stock	Dividend Yield on Nat. Gas Stock (End of Dec) (Mergent)	Total Return (Capital Gain +Dividend Yield)	Yields on A-Rated Public Utility Bonds (end of Dec)	30-year A-Rated Bond Yield	30-Year Treasury Yields (1931-2022)
1931	43.23		7.40	7.40	6.24		3.33%
1932	39.42	(8.81)	5.63	(3.18)	5.85		3.69%
1933	28.73	(27.12)	6.09	(21.03)	7.22		3.12%
1934	21.06	(26.70)	6.74	(19.96)	5.36		3.18%
1935	36.06	71.23	3.69	74.92	4.29		2.81%
1936	41.60	15.36	4.28	19.64	3.83		2.77%
1937	24.24	(41.73)	6.93	(34.80)	4.03		2.66%
1938	27.55	13.66	5.26	18.92	3.74		2.64%
1939	28.85	4.72	5.23	9.95	3.38		2.40%
1940	22.22	(22.98)	7.07	(15.91)	3.10		2.23%
1941	13.45	(39.47)	9.44	(30.03)	3.06		1.94%
1942	14.29	6.25	8.96	15.21	3.06		2.46%
1943	21.01	47.03	6.66	53.69	2.99		2.44%
1944	21.09	0.38	6.40	6.78	2.97		2.46%
1945	31.14	47.65	4.40	52.05	2.75		2.34%
1946	32.71	5.04	4.52	9.56	2.76		2.04%
1947	25.60	(21.74)	6.17	(15.57)	3.05		2.13%
1948	26.20	2.34	6.22	8.56	3.06		2.40%
1949	30.57	16.68	5.50	22.18	2.78		2.25%
1950	30.81	0.79	6.00	6.79	2.86		2.12%
1951	33.85	9.87	5.61	15.48	3.29		2.38%
1952	37.85	11.82	5.07	16.89	3.22		2.66%
1953	39.61	4.65	5.28	9.93	3.38		2.84%
1954	47.56	20.07	4.50	24.57	3.11		2.79%
1955	49.35	3.76	4.60	8.36	3.35		2.75%
1956	48.96	(0.79)	4.84	4.05	3.91		2.99%
1957	50.30	2.74	4.89	7.63	4.36		3.44%
1958	66.37	31.95	3.87	35.82	4.49		3.27%
1959	65.77	(0.90)	4.01	3.11	4.96		4.01%
1960	76.82	16.80	3.57	20.37	4.65		4.26%
1961	99.32	29.29	2.88	32.17	4.65		3.83%
1962	96.49	(2.85)	3.18	0.33	4.44		4.00%
1963	102.31	6.03	3.25	9.28	4.46		3.89%
1964	115.54	12.93	3.19	16.12	4.54		4.15%
1965	114.86	(0.59)	3.50	2.91	4.83		4.19%
1966	105.99	(7.72)	3.94	(3.78)	5.67		4.49%
1967	98.19	(7.36)	4.52	(2.84)	6.67		4.59%
1968	104.04	5.96	4.40	10.36	6.87		5.50%
1969	84.62	(18.67)	5.47	(13.20)	8.59		5.95%
1970	88.59	4.69	5.34	10.03	8.48		6.74%
1971	85.56	(3.42)	5.62	2.20	7.90		6.32%
1972	83.61	(2.28)	5.88	3.60	7.48		5.87%
1973	60.87	(27.20)	8.28	(18.92)	8.24		6.51%
1974	41.17	(32.36)	11.73	(20.63)	10.27		7.27%
1975	55.66	35.20	8.97	44.17	10.11		7.99%
1976	66.29	19.10	7.92	27.02	8.62		7.89%
1977	68.19	2.87	8.33	11.20	8.64		7.14%
1978	59.75	(12.38)	10.01	(2.37)	9.70		7.90%
1979	56.41	(5.59)	11.24	5.65	11.79		8.86%
1980	54.42	(3.53)	12.26	8.73	14.63		9.97%
1981	57.20	5.11	12.52	17.63	16.29		11.55%
1982	70.26	22.83	10.87	33.70	14.43		13.50%
1983	72.03	2.52	11.11	13.63	13.52		10.38%
1984	80.16	11.29	10.44	21.73	13.11	12.50	11.74%
1985	94.98	18.49	9.17	27.66	10.97	11.24	11.25%
1986	113.66	19.67	7.89	27.56	9.12	9.31	8.98%
1987	94.24	(17.09)	9.68	(7.41)	10.98	9.65	7.92%
1988	100.94	7.11	8.63	15.74	10.06	9.82	8.97%
1989	122.52	21.38	7.22	28.60	9.44	9.40	8.81%
1990	117.77	(3.88)	7.44	3.56	9.73	9.65	8.19%
1991	144.02	22.29	6.26	28.55	8.88	9.26	8.22%
1992	141.06	(2.06)	6.25	4.19	8.43	8.57	7.26%
1993	146.70	4.00	6.16	10.16	7.34	7.52	7.17%
1994	115.50	(21.27)	7.80	(13.47)	8.76	8.22	6.59%
1995	142.90	23.72	6.34	30.06	7.23	7.78	7.60%
1996	136.00	(4.83)	6.67	1.84	7.59	7.58	6.18%
1997	155.73	14.51	5.82	20.33	7.16	7.44	6.64%
1998	181.84	16.77	4.40	21.17	6.91	6.75	5.83%
1999	137.30	(24.49)	5.87	(18.62)	8.14	7.31	5.57%
2000	227.09	65.40	3.84	69.24	7.84	7.95	6.50%
2001	200.50	(11.71)	4.47	(7.24)	7.83	7.27	5.53%
2002	169.50	(15.46)	5.21	(10.25)	6.93	6.79	5.59%

	Dow Jones Utility Average (Total Return) Index Value	Return %			
2003		29.39	6.27	6.10	4.80%
2004		30.24	5.92	6.07	5.02%
2005		25.14	5.80	5.68	4.69%
2006		16.63	5.81	6.11	4.68%
2007		20.11	6.16	6.17	4.86%
2008		(27.84)	6.54	6.90	4.45%
2009		12.47	5.79	6.42	3.47%
2010		6.46	5.56	5.70	4.25%
2011		19.71	4.33	5.40	3.82%
2012		1.64	4.00	4.45	1.47%
2013	1,761.56	12.69	4.81	4.78	2.90%
2014	2,301.45	30.65	3.94	4.58	3.41%
2015	2,230.94	(3.06)	4.39	4.43	2.47%
2016	2,636.44	18.18	4.22	4.21	2.30%
2017	2,988.41	13.35	3.75	4.15	2.67%
2018	3,047.76	1.99	4.26	4.37	2.82%
2019	3,879.67	27.30	3.48	3.85	2.55%
2020	3,939.83	1.55	2.71	3.06	1.53%
2021	4,609.97	17.01	3.02	3.09	1.73%
2022	4,686.93	1.67	5.44	4.60	2.61%
2023	4,420.24	(5.69)	5.19	5.34	4.09%
2024	5,090.69	15.17		5.34	4.41%
2025	5,700.40	11.98		5.65	4.78%

1931 - 2025	**Electric Utility Return Average**	**10.83**
1931 - 2025	**Average Yield on Public Utility Bonds**	**6.27**
1931 - 2025	**Average Yield on Treasury Bonds**	**4.90**

1931-2002 Electric Utility stocks data from Mergent Public Utility Manual and Bond Record
2003-2025 Dow Jones Utility Average TR Index from S&P Global
Public Utility Bond Yields - Mergent Bond Record

Risk Premium Method

(a) Line No.	(b)	(c)
1	Electric Utility Realized Market Return Average (1931 - 2025)[1]	10.83%
2	Realized Utility Bond Yield Average (1931 - 2025)[2]	6.27%
3	Treasury Bond Yield Average (1931 - 2025)	4.90%
4	Historical Spread Utility Equity-Bond [1] - [2]	4.56%
5	Historical Spread Utility Bond-Treasury Bond [1] - [3]	5.92%

Utility Bond Risk Premium

6	AA Utility Bond Projection [a]		5.73%
7	Historical Cost of Equity Estimate	[4] + [6]	**10.29%**

Treasury Bond Risk Premium

8	Treasury Bond Yield (Exhibit S-4 Schedule D-2)		4.37%
9	Historical Cost of Equity Estimate	[5] + [8]	**10.30%**

Sources

(a) Utility Bond Yield - S&P Key Economic Indicators

Date	2028
Jul-26	5.71%
Jun-26	5.71%
May-26	5.76%
Average	5.73%

(1) Historical Market data from Mergent Public Utility Manual for 1932-2002, per Exhibit S-4, Schedule D5, pg 10
- 2003-2025 data derived from the Dow Jones Utility Average TR Index per Exhibit S-4, Schedule D-5, page 9 and shown at the bottom of Exhibit S-4, Schedule D-5, page 10.

Allowed Returns on Common Equity
Electric Utility Rate Case Decisions
State Commissions Across the United States
(2025 - 2026)

Time Period	ROE Allowed	Number of Rate Cases
Q1 2025	9.72%	16
Q2 2025	9.59%	7
Q3 2025	9.63%	14
Q4 2025	9.98%	49
Full Year Average	**9.84%**	86
Q1 2026	9.71%	15
Q2 2026		
Q3 2026		
Q4 2026		
Full Year Average	**9.71%**	15

Source:
S&P Global Market Intelligence
Regulatory Research Associates
RRA Regulatory Focus
Major Rate Case Decisions
Date: January 2025 - March 2026

Case No: U-22046
Witness: J. E. Ufolla
Exhibit No: S-4
Schedule No: D-5
Date: 8/26/2026
Page: 13 of 13

Summary of Cost of Equity Estimates

(a)	(b)	(c)	(d)
Line No.	Methodology		Proxy Results
1	DCF Single Step	Average	10.26%
2		Median	10.87%
3	DCF Two-Step	Average	9.84%
4		Median	10.30%
5	Historical CAPM	Average	9.52%
6		Median	9.45%
9	Utility Bond Risk Premium		10.29%
10	Treasury Bond Risk Premium		10.30%
11	Average Electric Utility Other State ROE Decision 2025:		9.84%
12	Average Electirc Utility Other State ROE Decision 2026:		9.71%
13	ROE Range		9.40%-10.40%
14	ROE used in Overall Cost of Capital:		**9.90%**

S&P Global
Ratings

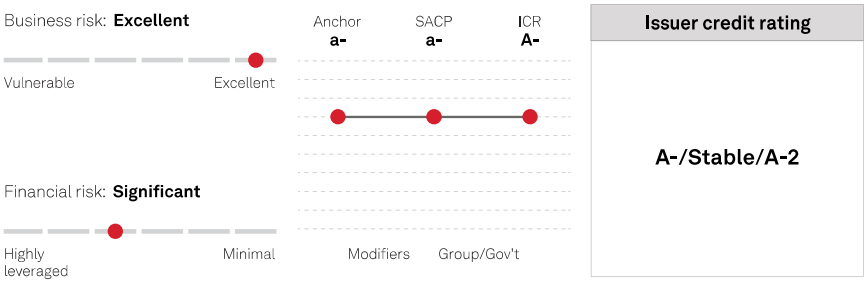
Research

DTE Electric Co.

March 10, 2026

This report does not constitute a rating action.

Ratings Score Snapshot



Issuer credit rating
A-/Stable/A-2

ICR--Issuer credit rating. SACP--Stand-alone credit profile.

Credit Highlights

Overview

Key strengths	Key risks
Lower-risk, rate-regulated, vertically integrated electric utility.	Lack of regulatory diversity makes the company dependent on the Michigan Public Service Commission (MPSC) to sustain credit quality.
Effective management of regulatory risk in a credit-supportive regulatory environment.	Predominantly fossil-based generation exposes the company to environmental risk, partially mitigated by recently approved integrated resource plan, which signals a manageable path to address energy transition risk.
Generates most of its cash flows from residential customers, providing a measure of stability to its cash flows.	Capital spending remains elevated, and negative discretionary cash flow is likely to persist, which indicates external funding needs.
Insulating measures support an issuer credit rating that is one notch above the rating on its parent.	Service territory is susceptible to severe weather, including high winds, floods, tornados, and ice storms.

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DTE Electric Co. (DTEE) recently received a rate case order from the MPSC. On Feb. 19, the MPSC issued an order on DTEE's rate case, approving an approximate $258 million (including $16 million of IRM rolled into base rates) rate increase compared to its original revised rate request of approximately $562 million. While the rate increase is lower than DTEE's initial request, we believe the overall outcome generally supports credit quality. Specifically, approximately 40% of the difference between the company's rate request and the final MPSC decision primarily reflects the MPSC maintaining DTEE's currently authorized return on equity (ROE) of 9.9% compared to the company's requested ROE of 10.75%. In addition, about 25% of this difference reflects lower forecasted capital expenditures disallowed from the rate base. DTEE operates under a future test year construct. As such, we are neutral on the impact of such a disallowance given that it reflects unspent capital. Furthermore, the MPSC also maintained the company's equity capitalization ratio (effectively at 50%) and extended DTEE's IRM through Dec. 31, 2027. The IRM is a cost-recovery rider that permits a timelier recovery of DTEE's electric distribution system investments aimed at improving reliability. Overall, after incorporating the effects of the rate case outcome, we expect the company's forecasted funds from operations (FFO) to debt to remain within its financial risk profile category at 19%-21% over the next two years.

Rate case summary

	Present case: Company-revised request Nov. 14, 2025	Present case: Authorized by commission Feb. 19, 2026	Previous case: Authorized by commission Jan. 23, 2025
Rate change amount (Mil. $)	561.7	242.4	217.4
Rate case test year end date	12/31/2026	12/31/2026	12/31/2025
Rate base (Mil. $)	23,515	23,047	21,787
Rate base valuation method	Average	Average	Average
Return on equity (%)	10.75	9.9	9.9
Common equity to total capital (%)	39.69	39.11	39.23
Rate of return (%)	6.04	5.64	5.69

Source: S&P Global Market Intelligence.

DTEE recently entered a data center agreement with a subsidiary of Oracle. It's also in advanced discussions with multiple hyperscalers for up to approximately 3 GW of additional load. The Oracle agreement includes a 19-year power supply agreement (PSA) with minimum monthly charges and a 15-year energy storage contract (ESC) to cover its incremental investment. The agreement is expected to result in approximately 1.4 GW of new demand growth for DTEE over the next three years, leading to an incremental $2 billion investment (over the five-year forecast period) for DTEE beginning in 2026. In December 2025, the MPSC approved DTEE's data center contract with Oracle. Overall, we believe this agreement is manageable for DTEE's credit quality. The company has sufficient generating capacity (approximately 1 GW) on its system to meet the PSA, and we believe the minimum monthly charge partially mitigates risk of any incremental investments to support it. That said, the company faces some risks with its new data center agreements. Specifically, the ESC entails some construction risk, and both the PSA and ESC agreements are subject to counterparty risk that must be effectively managed. More broadly, while additional data center growth will likely increase electricity sales and enable utilities to spread fixed costs over a wider base of ratepayers, meeting new demand will also require more capital spending and could lead to higher customer bills if not effectively managed.

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We expect DTEE's forecast credit metrics will be consistent with the significant financial risk profile category. We assess DTEE's financial measures using our medial volatility table, reflecting the company's lower-risk, regulated electric utility operations and effective management of regulatory risk. Under our base-case scenario, we expect DTEE's FFO to debt to average 19%-21% over the next two years. Our base-case scenario assumes capital spending averaging about $6 billion annually through 2028, dividends averaging $1.2 billion annually, continued use of existing regulatory mechanisms, and negative discretionary cash flow.

We view DTEE as a core insulated subsidiary of parent DTE Energy Co. (DTE). We rate DTEE one notch higher than the 'bbb+' group credit profile because of the strength of its stand-alone credit profile and our view of its separateness from the group in terms of financial performance, funding arrangements, and operational independence.

Outlook

Our stable outlook on DTEE reflects our base-case assumption that the company will generate sufficient cash flow to maintain financial measures that support S&P Global Ratings-adjusted FFO to debt of 19%-20%. The stable outlook also reflects our expectation that parent DTE will focus growth on its lower-risk, regulated utility strategy. We expect the utility businesses will account for about 90% of the consolidated company. We expect parent DTE's financial measures will generally remain in line with expectations, including FFO to debt of 14%-16%.

Downside scenario

We could lower our rating on DTEE within the next 24 months if we lower our rating on DTE or if DTEE's stand-alone financial measures weaken such that its FFO to debt remains consistently below 15%.

Upside scenario

We could raise our rating on DTEE within the next 24 months if we raise our rating on DTE and DTEE's stand-alone FFO to debt consistently exceeds 21%.

Our Base-Case Scenario

Assumptions
• Modest customer growth;
• Continued use of regulatory mechanisms and rate riders;
• Capital expenditure averaging about $6 billion annually through 2028;
• Annual dividend payments averaging about $1.2 billion;
• Equity support from parent to support authorized regulated capital structure;
• Continued negative discretionary cash flow; and
• All debt maturities are refinanced.

Key metrics

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DTE Electric Co.

DTE Electric Co.--Forecast summary

Period ending	Dec-31-2022	Dec-31-2023	Dec-31-2024	Dec-31-2025	Dec-31-2025	Dec-31-2026	Dec-31-2027	Dec-31-2028
(Mil. $)	2022a	2023a	2024a	2025a	2025e	2026f	2027f	2028f
EBITDA (reported)	2,523	2,527	2,860	3,174	3,093	3,368	3,671	3,745
Plus: Operating lease adjustment (OLA) rent	12	17	22	17	22	22	22	22
Plus/(less): Other	222	230	196	273	183	181	143	137
EBITDA	2,757	2,774	3,078	3,464	3,298	3,571	3,836	3,904
Less: Cash interest paid	(359)	(418)	(469)	(550)	(558)	(665)	(801)	(906)
Less: Cash taxes paid	33	(15)	231	273	340	493	473	1,826
Plus/(less): Other	--	--	--	--	--	--	--	--
Funds from operations (FFO)	2,431	2,341	2,840	3,187	3,080	3,399	3,507	4,824
EBIT	1,523	1,480	1,709	2,016	1,746	1,923	2,050	1,902
Interest expense	551	623	696	797	757	864	1,000	1,105
Cash flow from operations (CFO)	1,654	2,215	2,725	2,606	2,589	3,333	3,051	4,746
Capital expenditure (capex)	2,617	3,076	3,604	3,643	3,960	5,394	7,316	5,379
Discretionary cash flow (DCF)	(1,727)	(1,863)	(1,655)	(1,883)	(2,217)	(3,293)	(5,350)	(1,862)
Debt (reported)	10,291	11,428	12,547	13,816	13,752	15,788	18,332	20,057
Plus: Lease liabilities debt	55	102	172	242	172	172	172	172
Plus: Pension and other postretirement debt	270	213	17	17	17	17	17	17
Less: Accessible cash and liquid investments	(15)	(15)	(11)	(81)	(5)	--	--	--
Plus/(less): Other	927	281	541	714	644	110	144	252
Debt	11,528	12,009	13,266	14,708	14,580	16,087	18,665	20,498
Equity	9,695	10,224	11,154	12,414	12,357	13,554	16,460	16,083
Adjusted ratios								
Debt/EBITDA (x)	4.2	4.3	4.3	4.2	4.4	4.5	4.9	5.3
FFO/debt (%)	21.1	19.5	21.4	21.7	21.1	21.1	18.8	23.5
FFO cash interest coverage (x)	7.8	6.6	7.1	6.8	6.5	6.1	5.4	6.3

All figures are adjusted by S&P Global Ratings, unless stated as reported. a--Actual. e--Estimate. f--Forecast. $--U.S. dollar.

Company Description

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DTEE generates and distributes electricity to about 2.3 million residential, commercial, and industrial customers in southeastern Michigan. The electric utility has around 12,099 megawatts of generation capacity.

Peer Comparison

DTE Electric Co.--Peer Comparisons

	DTE Electric Co.	CenterPoint Energy Inc.	CMS Energy Corp.	NiSource Inc.	Southwestern Public Service Co.
Foreign currency issuer credit rating	A-/Stable/A-2	BBB+/Stable/A-2	BBB+/Stable/A-2	BBB+/Stable/A-2	BBB/Stable/A-2
Local currency issuer credit rating	A-/Stable/A-2	BBB+/Stable/A-2	BBB+/Stable/A-2	BBB+/Stable/A-2	BBB/Stable/A-2
Period	Annual	Annual	Annual	Annual	Annual
Period ending	2025-12-31	2024-12-31	2025-12-31	2024-12-31	2024-12-31
Mil.	$	$	$	$	$
Revenue	6,774	8,445	8,392	5,455	1,939
EBITDA	3,464	3,292	2,995	2,580	977
Funds from operations (FFO)	3,187	2,470	2,286	2,051	966
Interest	797	856	745	598	186
Cash interest paid	550	831	729	524	170
Operating cash flow (OCF)	2,606	1,921	2,151	1,740	911
Capital expenditure	3,643	4,480	3,838	2,548	1,006
Free operating cash flow (FOCF)	(1,037)	(2,559)	(1,687)	(807)	(95)
Discretionary cash flow (DCF)	(1,883)	(3,097)	(2,443)	(1,825)	(522)
Cash and short-term investments	81	564	509	157	14
Gross available cash	81	564	509	157	14
Debt	14,708	20,695	17,449	13,884	4,194
Equity	12,414	11,316	11,104	11,168	4,238
EBITDA margin (%)	51.1	39.0	35.7	47.3	50.4
Return on capital (%)	7.8	6.8	6.7	6.6	6.2
EBITDA interest coverage (x)	4.3	3.8	4.0	4.3	5.3
FFO cash interest coverage (x)	6.8	4.0	4.1	4.9	6.7
Debt/EBITDA (x)	4.2	6.3	5.8	5.4	4.3
FFO/debt (%)	21.7	11.9	13.1	14.8	23.0
OCF/debt (%)	17.7	9.3	12.3	12.5	21.7
FOCF/debt (%)	(7.1)	(12.4)	(9.7)	(5.8)	(2.3)
DCF/debt (%)	(12.8)	(15.0)	(14.0)	(13.1)	(12.4)

Business Risk

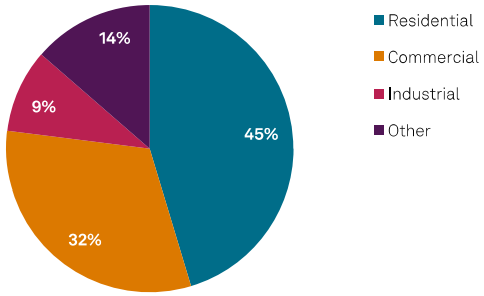
Our assessment of DTEE's stand-alone business risk profile reflects the very low risk of the regulated utility business, operations under a credit-supportive regulatory environment in Michigan, effective management of regulatory risk, and large customer base of 2.3 million customers in Michigan. DTEE benefits from a constructive and supportive regulatory framework in Michigan that supports forward-looking rate cases and various riders that enhance cash-flow predictability. In addition, the predominance of residential and commercial customers restricts

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susceptibility to economic cyclicality and provides more stable operating cash flow. These business strengths are partially offset by its lack of geographic and regulatory diversity, with operations focused in southeastern Michigan.

Chart 1

DTE Electric Co.--2025 electrical revenue by customer class



Source: Company filings.

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DTEE generates a significant proportion of power through coal plants, which exposes it to large carbon emissions. To comply with the environment regulations and renewable energy requirements, DTEE has retired all 11 coal-fired generation units at the Trenton Channel, River Rouge, and St. Clair facilities and plans to retire its remaining six coal-fired generating units by 2032.

Financial Risk

We assess DTEE's financial measures using our medial volatility table. This reflects the company's regulated electric utility operation and effective management of regulatory risk in Michigan. Under our base-case scenario, we expect the company's financial measures to remain in the significant range of its financial risk profile. Specifically, we expect FFO to debt of about 19%-21% through 2028. Our base-case scenario assumes effective management of regulatory risk through use of the existing constructive regulatory mechanisms in Michigan, capital spending averaging about $6 billion annually through 2028, dividends averaging about $1.2 billion annually, and continued negative discretionary cash flow, primarily driven by robust capital spending. We also expect DTEE will continue to fund its investments in a manner that preserves credit quality.

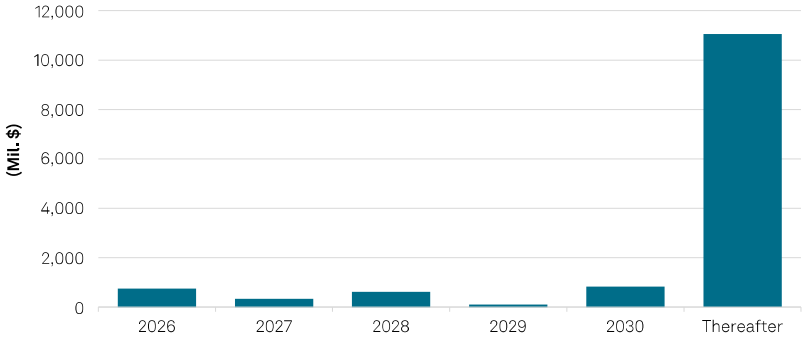
Debt maturities

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DTE Electric Co.

Chart 2

DTE Electric Co.--Long-term debt maturities
As of Dec. 31, 2025



Source: Company filings.

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DTE Electric Co.--Financial Summary

Period ending	Dec-31-2020	Dec-31-2021	Dec-31-2022	Dec-31-2023	Dec-31-2024	Dec-31-2025
Reporting period	2020a	2021a	2022a	2023a	2024a	2025a
Display currency (mil.)	$	$	$	$	$	$
Revenues	5,506	5,809	6,353	5,729	6,166	6,774
EBITDA	2,507	2,596	2,757	2,774	3,078	3,464
Funds from operations (FFO)	2,165	2,256	2,431	2,341	2,840	3,187
Interest expense	490	504	551	623	696	797
Cash interest paid	329	335	359	418	469	550
Operating cash flow (OCF)	1,909	1,273	1,654	2,215	2,725	2,606
Capital expenditure	2,666	3,008	2,617	3,076	3,604	3,643
Free operating cash flow (FOCF)	(757)	(1,735)	(964)	(861)	(879)	(1,037)
Discretionary cash flow (DCF)	(1,296)	(2,323)	(1,727)	(1,863)	(1,655)	(1,883)
Cash and short-term investments	16	9	15	15	11	81
Gross available cash	16	9	15	15	11	81
Debt	9,490	10,115	11,528	12,009	13,266	14,708
Common equity	8,070	8,903	9,695	10,224	11,154	12,414
Adjusted ratios						
EBITDA margin (%)	45.5	44.7	43.4	48.4	49.9	51.1
Return on capital (%)	8.1	8.0	7.6	6.8	7.3	7.8
EBITDA interest coverage (x)	5.1	5.1	5.0	4.5	4.4	4.3
FFO cash interest coverage (x)	7.6	7.7	7.8	6.6	7.1	6.8
Debt/EBITDA (x)	3.8	3.9	4.2	4.3	4.3	4.2
FFO/debt (%)	22.8	22.3	21.1	19.5	21.4	21.7
OCF/debt (%)	20.1	12.6	14.3	18.4	20.5	17.7
FOCF/debt (%)	(8.0)	(17.2)	(8.4)	(7.2)	(6.6)	(7.1)

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DTE Electric Co.

DTE Electric Co.--Financial Summary

DCF/debt (%)	(13.7)	(23.0)	(15.0)	(15.5)	(12.5)	(12.8)

Reconciliation Of DTE Electric Co. Reported Amounts With S&P Global Adjusted Amounts (Mil. $)

	Debt	Shareholder Equity	Revenue	EBITDA	Operating income	Interest expense	S&PGR adjusted EBITDA	Operating cash flow	Dividends	Capital expenditure
Financial year	Dec-31-2025									
Company reported amounts	13,816	12,414	6,885	3,174	1,644	550	3,464	2,719	846	3,686
Cash taxes paid	-	-	-	-	-	-	273	-	-	-
Cash interest paid	-	-	-	-	-	-	(529)	-	-	-
Lease liabilities	242	-	-	-	-	-	-	-	-	-
Operating leases	-	-	-	17	10	10	(10)	7	-	-
Postretirement benefit obligations/ deferred compensation	17	-	-	-	-	-	-	-	-	-
Accessible cash and liquid investments	(81)	-	-	-	-	-	-	-	-	-
Capitalized interest	-	-	-	-	-	45	(45)	(45)	-	(45)
Share-based compensation expense	-	-	-	41	-	-	-	-	-	-
Securitized stranded costs	(636)	-	(111)	(111)	(36)	(36)	36	(75)	-	-
Power purchase agreements	35	-	-	4	2	2	(2)	2	-	2
Asset-retirement obligations	1,315	-	-	226	226	226	-	-	-	-
Nonoperating income (expense)	-	-	-	-	124	-	-	-	-	-
U.S. decommissioning fund contributions	-	-	-	-	-	-	-	(2)	-	-
EBITDA - Gain/(loss) on disposals of PP&E	-	-	-	46	46	-	-	-	-	-
EBITDA: other	-	-	-	67	67	-	-	-	-	-
D&A: other	-	-	-	-	(67)	-	-	-	-	-
Total adjustments	892	-	(111)	290	372	247	(277)	(113)	-	(43)
S&P Global Ratings adjusted	**Debt**	**Equity**	**Revenue**	**EBITDA**	**EBIT**	**Interest expense**	**Funds from Operations**	**Operating cash flow**	**Dividends**	**Capital expenditure**
	14,708	12,414	6,774	3,464	2,016	797	3,187	2,606	846	3,643

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Liquidity

As of Dec. 31, 2025, we assess DTEE's liquidity as adequate, with sources covering uses by 1.1x over the coming 12 months and that its sources cover uses even if forecasted consolidated EBITDA declines by 10%. We believe the supportive regulatory framework provides a manageable level of cash-flow stability for the company, even in times of economic stress, supporting our use of slightly lower thresholds to assess liquidity. In addition, DTEE has the ability to absorb high-impact, low-probability events, reflecting that the company maintains about $1.15 billion in committed credit facilities, the vast majority of which expire in October 2030 and our belief the company can lower its capital spending (averaging about $6 billion annually) during stressful periods, indicative of a limited need for refinancing under such conditions. Furthermore, our assessment reflects the company's prudent risk management and sound relationship with its banking group. Overall, we believe the company should be able to withstand adverse market circumstances over the next 12 months with sufficient liquidity to meet its obligations. The company has around $754 million of debt maturities coming up in 2026, and we expect it to proactively address these maturities well in advance of their scheduled due dates. DTEE issued approximately $1.6 billion of first-mortgage bonds (FMBs) in February 2026, a portion of which was used to repay short-term borrowings.

Principal liquidity sources	Principal liquidity uses
• Cash and liquid investments of about $81 million; • Credit facility of $1.15 billion; and • Estimated cash FFO of about $3.44 billion over the next 12 months.	• Long-term debt maturities of about $754 million; • Commercial paper and letters of credit outstanding of $983 million; • Assumed maintenance capital spending of about $2.5 billion; and • Dividends of about $1.2 billion.

Environmental, Social, And Governance

Environmental factors are a negative consideration in our credit rating analysis of DTEE. The company has more exposure to environmental risks than peers given its dependence on coal-fired generation and exposure to nuclear generation. Coal-fired generation contributed over 33% of DTEE's net generation portfolio in 2025, a significant carbon footprint relative to that of its peers. That said, the company is working to reduce its carbon footprint by retiring its coal-fired generation and replacing that capacity with clean energy sources, and we believe energy transition risk is manageable for the company. In addition, the company's nuclear generation (approximately 10% of net generation capacity) entails operating and nuclear waste risks despite the company's track record of safely managing its nuclear fleet.

Group Influence

We assess DTEE as a core subsidiary of DTE, reflecting our view that DTEE benefits from a strong, long-term commitment from senior management, is integral to the group strategy, and is highly unlikely to be sold. DTEE is insulated from parent DTE. We rate DTEE one notch higher than the 'bbb+' group credit profile because of the strength of its stand-alone credit profile and our view

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of its separateness from the group in terms of financial performance, funding arrangements, and operational independence. DTEE maintains its own records and funding arrangements and doesn't commingle funds, assets, or cash flow. In addition, because it is an independent regulated utility, we believe there is a strong economic incentive for parent DTE to preserve its credit strength, and we don't expect that a default by either DTE or another entity in the group would lead the company to default.

Issue Ratings--Subordination Risk Analysis

Capital structure

DTEE has close to $14 billion of debt in its capital structure, including a mix of senior unsecured debt and FMBs.

Analytical conclusions

We rate DTEE's senior unsecured debt the same as the issuer credit rating because it is the debt of a qualified investment-grade utility. Our short-term and commercial paper rating on DTEE is based on the issuer-credit rating.

Issue Ratings--Recovery Analysis

Key analytical factors

DTEE's FMBs benefit from a first-priority lien on substantially all of the utility's real property owned or subsequently acquired. Collateral coverage of more than 1.5x supports a recovery rating of '1+' and an issue-level rating one notch above the issuer credit rating.

Rating Component Scores	
Foreign currency issuer credit rating	**A-/Stable/A-2**
Local currency issuer credit rating	**A-/Stable/A-2**
Business risk	**Excellent**
Country risk	Very Low
Industry risk	Very Low
Competitive position	Excellent
Financial risk	**Significant**
Cash flow/leverage	Significant
Anchor	**a-**
Modifiers	
Diversification/portfolio effect	Neutral (no impact)
Capital structure	Neutral (no impact)
Financial policy	Neutral (no impact)
Liquidity	Adequate (no impact)
Management and governance	Neutral (no impact)
Comparable rating analysis	Neutral (no impact)
Stand-alone credit profile	**a-**
Group credit profile	bbb+

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DTE Electric Co.

Entity status within group core & insulated (no impact)

Related Criteria

- General Criteria: Hybrid Capital: Methodology And Assumptions, Oct. 13, 2025
- Criteria | Corporates | General: Sector-Specific Corporate Methodology, July 7, 2025
- Criteria | Corporates | General: Corporate Methodology, Jan. 7, 2024
- Criteria | Corporates | General: Methodology: Management And Governance Credit Factors For Corporate Entities, Jan. 7, 2024
- General Criteria: Environmental, Social, And Governance Principles In Credit Ratings, Oct. 10, 2021
- General Criteria: Group Rating Methodology, July 1, 2019
- Criteria | Corporates | General: Corporate Methodology: Ratios And Adjustments, April 1, 2019
- Criteria | Corporates | General: Reflecting Subordination Risk In Corporate Issue Ratings, March 28, 2018
- General Criteria: Methodology For Linking Long-Term And Short-Term Ratings, April 7, 2017
- Criteria | Corporates | General: Recovery Rating Criteria For Speculative-Grade Corporate Issuers, Dec. 7, 2016
- Criteria | Corporates | General: Methodology And Assumptions: Liquidity Descriptors For Global Corporate Issuers, Dec. 16, 2014
- General Criteria: Methodology: Industry Risk, Nov. 19, 2013
- General Criteria: Country Risk Assessment Methodology And Assumptions, Nov. 19, 2013
- General Criteria: Principles Of Credit Ratings, Feb. 16, 2011

Ratings Detail (as of March 10, 2026)*

DTE Electric Co.	
Issuer Credit Rating	A-/Stable/A-2
Commercial Paper	
Local Currency	A-2
Senior Secured	A
Senior Secured	A/A-2
Issuer Credit Ratings History	
27-Aug-2019	A-/Stable/A-2
21-Aug-2015	BBB+/Stable/A-2
19-Aug-2013	BBB+/Positive/A-2
Related Entities	
DTE Energy Co.	
Issuer Credit Rating	BBB+/Stable/A-2
Commercial Paper	
Local Currency	A-2
Junior Subordinated	BBB-

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DTE Electric Co.

Ratings Detail (as of March 10, 2026)*

Senior Unsecured	BBB
DTE Gas Co.	
Issuer Credit Rating	A-/Stable/A-2
Commercial Paper	
Local Currency	A-2
Senior Secured	A

*Unless otherwise noted, all ratings in this report are global scale ratings. S&P Global Ratings' credit ratings on the global scale are comparable across countries. S&P Global Ratings' credit ratings on a national scale are relative to obligors or obligations within that specific country. Issue and debt ratings could include debt guaranteed by another entity, and rated debt that an entity guarantees.

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DTE Electric Co.

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MOODY'S RATINGS

Infrastructure and Project Finance

CREDIT OPINION
31 March 2026

Update

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RATINGS

DTE Electric Company

Domicile	Detroit, Michigan, United States
Long Term Rating	A2
Type	LT Issuer Rating
Outlook	Negative

Please see the ratings section at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

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DTE Electric Company

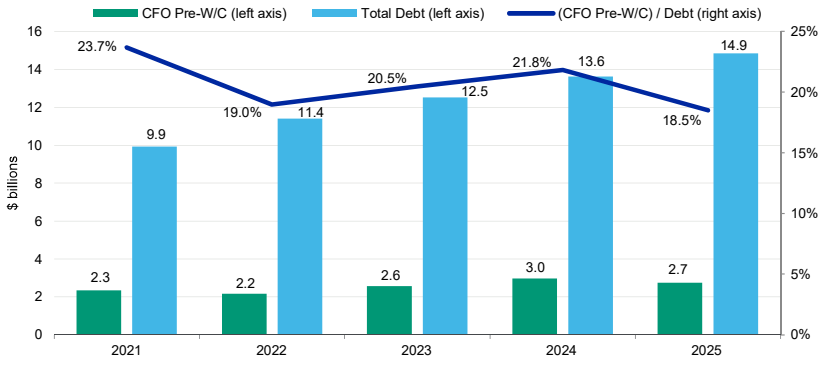
Update to credit analysis following outlook change to negative

Summary

DTE Electric Company's (DTE Electric, A2 negative) credit quality reflects its business risk profile as vertically integrated utility operating with a typically supportive regulatory environment in Michigan. However, DTE Electric is executing a materially elevated capital investment program of approximately $30 billion through 2026-2030, driven by its clean energy transition as well as large load growth in its service territory.

While Michigan's regulatory framework remains generally constructive, we expect the company's financial metrics to weaken, including a ratio of cash flow from operations before changes in working capital (CFO pre-WC) to debt that will remain in the 18%–20% range over the next few years, excluding the impact of securitization debt and nuclear decommissioning obligations, which is below our threshold for a potential downgrade of 21%. In 2025, DTE Electric's adjusted CFO pre-WC to debt ratio was 19.6%. The decline in 2025 was primarily due to the company's growing capital investment program and the mismatched timing of the commodity cost recovery.

Exhibit 1
Historical CFO Pre-W/C, Total Debt and ratio of CFO Pre-W/C to Debt



All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
For analytical purposes, we exclude securitization bonds and the underfunded portion of the Nuclear Decommissioning Trust (NDT) in the credit metric calculations. DTE Electric's CFO pre-W/C to debt ratio in 2023, 2024, and 2025 would be 23.1%, 24.2% and 19.6%, respectively, when we make these adjustments.
Source: Moody's Financial Metrics™

Credit strengths

» Generally supportive regulatory environment

» Timely cost recovery mechanisms

Credit challenges

» Weakening financial profile driven by debt funded expanded capital program

» Maintaining regulatory support for significant capital expenditure program

» High, albeit moderating, exposure to coal-fired generation

Rating outlook

DTE Electric's negative outlook reflects our expectation that the company's elevated investment plan will continue to pressure its credit metrics including a CFO pre-WC to debt ratio below 21%, excluding the impact of securitization debt and nuclear decommissioning obligations.

Factors that could lead to an upgrade

Given the negative outlook, an upgrade is unlikely in the near term. DTE Electric's outlook could return to stable if the regulatory environment remains supportive and we expect DTE Electric's financial profile to improve such that the company's ratio of CFO pre-WC to debt will be 21% or higher on a sustained basis, when adjusted for securitization debt and nuclear decommissioning obligations.

Factors that could lead to a downgrade

DTE Electric's rating could be downgraded if there is an adverse change in Michigan's regulatory environment, leading to more contentiousness and a material delay in cost recovery, less transparency, or insufficient cost recovery and returns. Also, if DTE Electric's financial metrics remain weak including a ratio of CFO pre-WC to debt below 21%, excluding the impact of securitization debt and nuclear decommissioning obligations, a downgrade could be possible.

Key indicators

Exhibit 2

DTE Electric Company

	2021	2022	2023	2024	2025
(CFO Pre-W/C + Interest) / Interest	7.8x	6.5x	6.7x	6.4x	5.4x
(CFO Pre-W/C) / Debt	23.7%	19.0%	20.5%	21.8%	18.5%
(CFO Pre-W/C – Dividends) / Debt	17.8%	12.3%	12.5%	16.1%	12.8%
Debt / Capitalization	46.0%	47.4%	48.4%	48.4%	47.9%

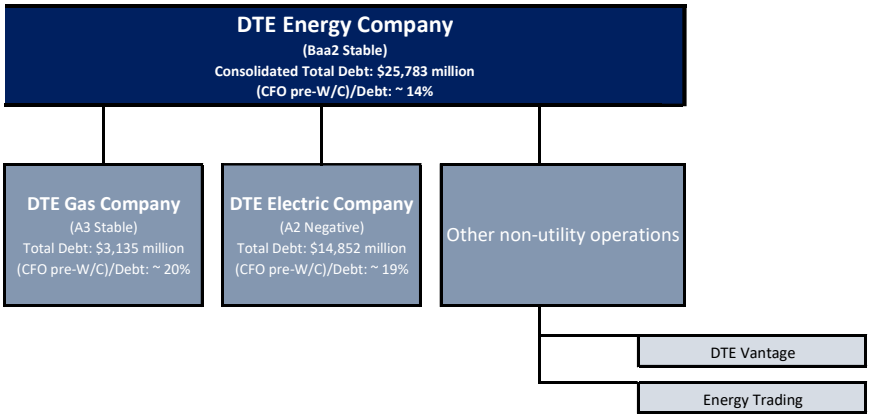
All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
For analytical purposes, we exclude securitization bonds and the underfunded portion of NDT in the credit metric calculations. DTE Electric's CFO pre-W/C to debt ratio in 2023, 2024, and 2025 would be 23.1%, 24.2% and 19.6%, respectively, when we make these adjustments.
Source: Moody's Financial Metrics™

Profile

DTE Electric is a vertically integrated electric utility regulated by the Michigan Public Service Commission (MPSC) and is the largest subsidiary of DTE Energy Company (DTE, Baa2 stable). The company serves approximately 2.3 million customers in southeastern Michigan, with approximately $23 billion in rate base.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://ratings.moodys.com for the most updated credit rating action information and rating history.

Exhibit 3
Organizational chart (2025)



Source: MFM and Annual report 2025 pg 6

All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
Sources: Company filings and Moody's Financial Metrics™

Detailed credit considerations

Generally credit supportive environment in Michigan

We view the regulatory framework in Michigan, under the purview of the Michigan Public Service Commission (MPSC), as typically more credit supportive than that of most other states, reflecting a set of constructive regulatory features that include forward test years, expedited proceedings completed within 10 months, and the ability to securitize certain major cost items. The overall regulatory framework has benefited from a series of legislative reforms enacted in 2008 and 2016, which streamlined the rate-case process and materially improved the timeliness of cost recovery. In particular, 2016 legislation strengthened investment recovery by expanding the certificate of necessity process into a comprehensive integrated resource planning (IRP) framework, under which major capital projects are evaluated and approved on a pre-construction basis. The IRP process considers a broad range of factors such as fuel costs, demand forecasts, resource adequacy, competitive pricing, environmental mandates, and transmission alternatives—providing greater upfront visibility and regulatory certainty around large, long-lived investments.

The most recent energy legislation, enacted in the fourth quarter of 2023, established the state's emissions standards, requiring DTE Electric to achieve a 100% clean energy portfolio by 2040. Under the legislation, zero and low carbon resources, including nuclear generation and natural gas fired generation with carbon capture, qualify as clean energy sources. The law also expanded the authority of the MPSC to oversee implementation of these standards.

In July 2023, the MPSC approved an IRP settlement agreement between DTE Electric and various stakeholders. The settlement outlines plans to add more than 15 gigawatts of wind and solar generation and over 1.8 GW of energy storage by 2042. It included the retirement of the Belle River power plant in 2025 and 2026 and the conversion to a 1,300 MW natural gas peaking resource in 2026. It also provided for the retirement of two coal fired units at the Monroe facility in 2028, and the accelerated retirement of the remaining two units by 2032, from 2035 previously, via securitization and regulatory amortization. The agreement approved recovery of under-depreciated plant balances at both Belle River and Monroe. DTE Electric's next IRP filing is expected in 2026.

Regulatory support largely consistent amid significant capital expenditure

In recent years, regulated utilities have been pursuing significant investment programs while balancing the impact on customer bills. Over the last two years, the outcomes of DTE Electric's rate cases have been less credit-supportive. In the latest rate case which concluded in February 2026, the MPSC disallowed over $500 million of forecasted capital expenditure and about $116 million of O&M costs. Although the allowed return on equity (ROE) and authorized equity layer remained consistent at 9.9% and 50%, respectively,

the final order resulted in the company receiving less than half of its initial request. While capital costs were disallowed, about half were shifted to the Infrastructure Recovery Mechanism (IRM). The IRM, extended under the rate case approval, provides for recovery of distribution capital expenditure via surcharges.

Despite a less constructive outcome, Michigan utilities benefit from several formulaic rate adjustment mechanisms that provide a high degree of cash flow stability and assurance of cost recovery. For example, DTE Electric has a forward-looking power supply cost recovery (PSCR) mechanism intended to ensure that it can recover prudently incurred power supply costs. The PSCR covers fuel and purchased power costs as well as transmission and emission allowance costs. Differences between actual and forecast costs are deferred for recovery or refunded in the following year. DTE Electric also has a forward-looking 20-year levelized renewable energy plan surcharge (RPS), structured to recover the cost of complying with the utility's renewable energy requirements. We view these automatic adjustment mechanisms as positive for credit quality.

Exhibit 4
Non-standard adjustments to financial metrics
DTE Electric

DTE Electric	2021	2022	2023	2024	2025
CFO Pre-W/C	2,348	2,164	2,565	2,969	2,748
Total Debt	9,916	11,408	12,523	13,611	14,852
CFO pre-W/C / Debt	**23.7%**	**19.0%**	**20.5%**	**21.8%**	**18.5%**
Securitization Revenue		-	(39)	(64)	(71)
Adjusted CFO Pre-W/C	2348	2164	2526	2905	2677
Securitized Debt		(211)	(769)	(706)	(636)
Nuclear De-commissioning Obligations	(339)	(675)	(659)	(644)	(548)
Adjusted Total Debt	9,577	10,522	11,095	12,261	13,668
Adjusted CFO pre-W/C / Debt	**25.4%**	**22.0%**	**24.2%**	**25.0%**	**20.4%**

Source: Moody's Financial Metrics™ and company filings

Significant capital expenditures to continue to pressure financial profile

Over the last three years, DTE Electric has averaged a CFO pre-WC to debt ratio of just above 20% including securitization debt and the underfunded portion of its nuclear decommissioning obligations as debt-like. Excluding these items, we estimate the ratio to be 22% in the same period. However, in 2025, DTE Electric's ratio of CFO pre-WC was was 19.6%, excluding the impact for securitization debt and nuclear decommissioning obligations. Weakness in 2025 was driven primarily by the mismatched timing of the commodity cost recovery via the PSCR. DTE Electric's capital expenditure is expected to grow significantly over the next few years, in support of its energy transition and large-load growth in its service territory. As a result, we expect financial metrics to remain weak for the current rating, including a ratio of CFO pre-WC to debt averaging 18-20% over the next 2-3 years, adjusted for securitizations and the underfunded nuclear decommissioning obligations.

DTE Electric's capital investment plan has increased materially, with approximately $30 billion planned for the 2026–2030 period, compared with $24 billion under the prior plan. Of the current plan, roughly $11 billion is allocated to distribution infrastructure to improve reliability and resiliency, while about $15 billion is directed toward cleaner generation, including renewable generation, energy storage, and combined-cycle natural gas resources. The remaining portion relates to base infrastructure investments, including transmission and supporting system assets. A meaningful portion of the increase in the capital plan is associated with infrastructure and generation needed to serve large data-center customers, including incremental renewables, storage, and grid upgrades.

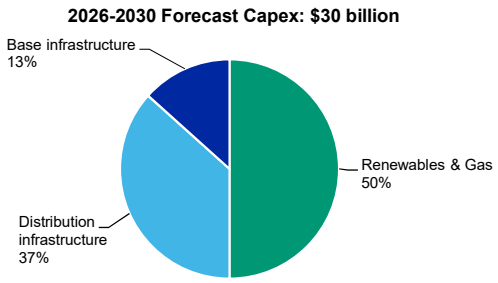
As part of the expanded capital program, DTE Electric has executed a large data center agreement with a subsidiary of Oracle, representing approximately 1.4 GW of incremental load, with demand expected to ramp over the next 2-3 years. The project received approval from the MPSC via an ex-parte proceeding. The transaction is supported by a set of long-term, customer-specific contracts, including a 19-year power supply agreement with minimum monthly charges and a 15-year energy storage agreement under which DTE Electric will construct and own the required storage assets. To support this load, the company has incorporated nearly $2 billion of energy storage investment into its current five-year capital plan, along with related generation and grid infrastructure. While the contractual framework is designed to allocate costs to the customer and insulate existing ratepayers, the project nonetheless

requires material upfront capital spending. In addition, DTE Electric has announced a second large data-center agreement with Google, representing approximately 1 GW of incremental demand. The transaction is subject to a full regulatory review.

To address growing interest from large-load customers more broadly, DTE Electric has filed for approval of a generally applicable Large Load Provision (LLP) under its standard Rate D11 tariff. The proposed tariff establishes minimum, standardized terms for new incremental loads exceeding 100 MW and is modeled on the protections approved in the Oracle contracts, including long contract durations, minimum billing requirements, termination payments, collateral provisions, and limits on construction allowances. While individual customer agreements will still be required, the LLP represents a shift toward a more uniform and transparent framework for future data center projects. Recent regulatory scrutiny, including from the Michigan Attorney General related to reopening the approval of Oracle special contracts, highlights continued sensitivity around large loads and their impact on customer bills. While this introduces some uncertainty at the margin, the filing of the LLP is nonetheless constructive, as it reflects a regulatory framework that remains open to accommodating large load customers, provided it is supported by clearly defined, standardized protections for existing customers.

The 2023 IRP settlement includes the company's plans to accelerate the retirement of the Monroe plant and convert the Belle River plant to a natural gas peaking resource. DTE Electric has retired 11 coal-fired generating units to date. In Michigan, electric utilities are allowed to recover the remaining book value of the retired coal power plants either through issuing securitization bonds or earning a regulated return. DTE Electric's cost recovery of the $3.2 billion remaining book value of Belle River and Monroe was addressed in its 2023 IRP settlement. Per the 2023 IRP settlement, DTE Electric will recover the remaining $200 million book value of Belle River's coal assets through a partial securitization in 2026 and $845 million associated with the Monroe power plant in 2032. DTE Electric began recovering Monroe on an accelerated basis upon start of the January 2025 rate case, through amortization of approximately $2.4 billion of regulatory assets at a 9% allowed ROE.

Exhibit 5
DTE Electric's capital expenditure guidance totals around $30 billion through 2030

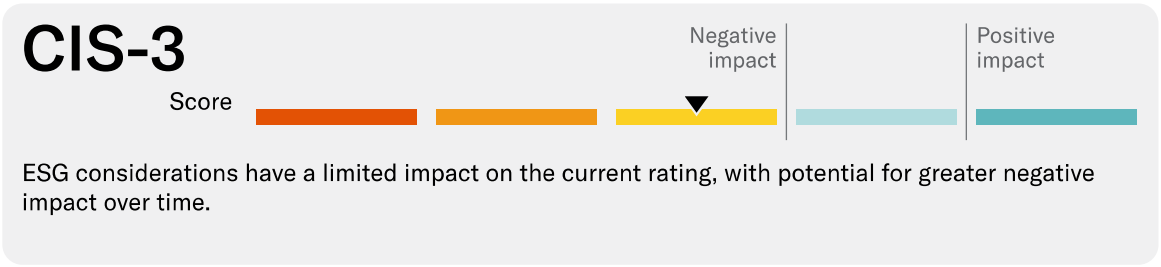


Source: Company filings

ESG considerations

DTE Electric Company's ESG credit impact score is CIS-3

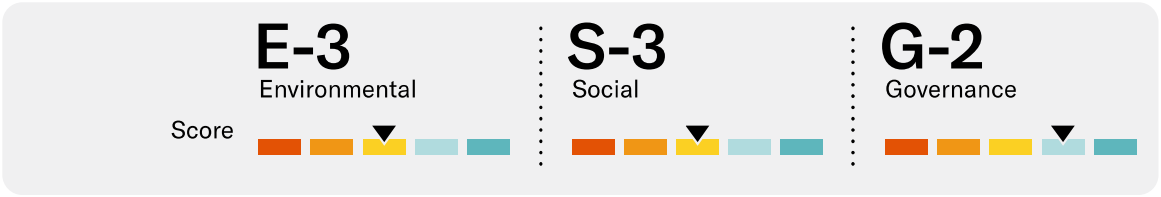
Exhibit 6
ESG credit impact score



Source: Moody's Ratings

DTE Electric's **CIS-3** indicates that ESG considerations have a limited impact on the current rating, with potential for greater negative impact over time. It reflects the company's current relatively high exposure to coal-fired generation that is reducing over time; and inherent social risk for regulated utilities tied to demographic and societal trends; and governance attributes that pose no particular risk to the company.

Exhibit 7
ESG issuer profile scores



Source: Moody's Ratings

Environmental

DTE Electric's **E-3** issuer profile score reflects its current relatively high exposure to coal-fired generation that is reducing over the medium term, decreasing its overall carbon transition risk. The company is currently undergoing a transition plan to phase out coal-fired generation. Its carbon transition efforts are supported by Michigan legislation and regulatory framework, which allow DTE Electric to phase out coal while providing timely cost recovery and is articulated in its integrated resource planning.

Social

DTE Electric's **S-3** issuer profile score is primarily related to the utility's customer and regulatory relations as well as demographic and societal trends that could increase public concerns over affordability and the utility's reputation. These pressures could turn into an adverse political intervention or regulatory response.

Governance

DTE Electric's **G-2** issuer profile score reflects that its governance does not pose a particular risk as its financing strategy and risk management, as well as management credibility and track record, are considered to be neutral to low risk.

ESG Issuer Profile Scores and Credit Impact Scores for the rated entity/transaction are available on Moodys.com. In order to view the latest scores, please click here to go to the landing page for the entity/transaction on MDC and view the ESG Scores section.

Liquidity analysis

We expect DTE Electric's liquidity to be adequate over the next 12-18 months.

DTE Electric has access to an $1 billion revolving credit facility expiring in October 2030, which backstops its same-sized commercial paper program. As of 31 December 2025, DTE Electric has $652 million of commercial paper borrowings. The credit facility has one financial covenant that requires a maximum debt to capital ratio of 65%; as of 31 December 2025, the ratio was reported to be 52%. The company also had $331 million of letters of credit outstanding, which primarily support its renewables business.

Given its large capital investment program, DTE Electric is reliant on external capital sources in addition to internally generated cash flow. In 2025, DTE Electric generated $2.7 billion of cash from operations, invested $3.7 billion in capital investments and upstreamed $846 million in dividend payments to DTE, resulting in negative free cash flow of $1.8 billion.

We note that DTE Electric has received equity contributions from the parent every year, albeit in varying amounts. In 2024 and 2025, capital contributions from the parent were $634 million and $954 million, respectively. We expect parent equity contributions to continue over the next 2-3 years. In addition, cash shortfalls were partly funded by incremental long-term debt issuance as well as short term borrowings.

As of 31 December 2025, parent DTE has a $1.5 billion revolving credit facility expiring in October 2030 and $750 million of unsecured letter of credit facilities in total. This includes a $75 million facility that can be utilized by DTE Energy or DTE Electric. DTE Electric has a $150 million committed unsecured letter of credit facility expiring in December 2026 expected to be renewed and $150 million uncommitted unsecured letter of credit facility with automatic renewal provisions. DTE Electric also has access to a $175 million uncommitted unsecured letter of credit facility and $75 million uncommitted unsecured letter of credit facility which can be utilized for either DTE or DTE Electric.

As of 31 December 2025, DTE had $416 million of letters of credit, leaving $1.5 billion of net availability. None of the DTE credit facilities have a MAC clause for new borrowings and all maintain a single financial covenant test requiring DTE to maintain a total funded debt to capitalization ratio of no more than 70%, with which DTE was in compliance.

DTE Electric's nearest debt maturities include $100 million of notes maturing in June 2026, $77 million of notes maturing in September 2026, $500 million of notes maturing in December 2026, and $300 million of notes maturing in May 2027.

Methodology and scorecard

As a vertically integrated utility that has generation, DTE Electric is scored under the standard risk Regulated Electric and Gas Utilities methodology financial metric grid.

Exhibit 8
Rating factors
DTE Electric Company

Regulated Electric and Gas Utilities Industry Scorecard	Current FY Dec-25		Moody's 12-18 month forward view	
Factor 1 : Regulatory Framework (25%)	**Measure**	**Score**	**Measure**	**Score**
a) Legislative and Judicial Underpinnings of the Regulatory Framework	A	A	A	A
b) Consistency and Predictability of Regulation	Aa	Aa	Aa	Aa
Factor 2 : Ability to Recover Costs and Earn Returns (25%)				
a) Timeliness of Recovery of Operating and Capital Costs	Aa	Aa	Aa	Aa
b) Sufficiency of Rates and Returns	A	A	A	A
Factor 3 : Diversification (10%)				
a) Market Position	Ba	Ba	Ba	Ba
b) Generation and Fuel Diversity	Ba	Ba	Baa	Baa
Factor 4 : Financial Strength (40%)				
a) (CFO pre-W/C + Interest) / Interest (3 Year Avg)	6.1x	Aa	5.0x - 5.5x	A
b) (CFO pre-W/C) / Debt (3 Year Avg)	20.2%	Baa	18% - 20%	Baa
c) (CFO pre-W/C – Dividends) / Debt (3 Year Avg)	13.8%	Baa	13% - 15%	Baa
d) Debt / Capitalization (3 Year Avg)	48.2%	Baa	46% - 50%	Baa
Rating:				
Scorecard-Indicated Outcome Before Notching Adjustment		A3		A3
HoldCo Structural Subordination Notching		0		0
a) Scorecard-Indicated Outcome		A3		A3
b) Actual Rating Assigned		A2		A2

All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
Moody's forecasts are Moody's opinion and do not represent the views of the issuer.
Sources: Moody's Financial Metrics™ and Moody's Ratings forecasts

Appendix

Exhibit 9

Peer comparison

DTE Electric Company

	DTE Electric Company			Northern States Power Company (Minnesota)			Virginia Electric and Power Company			Wisconsin Power and Light Company			Consumers Energy Company		
	A2 Negative			A2 Stable			A3 Stable			Baa1 Stable			A1* Negative		
	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY
(in $ millions)	Dec-23	Dec-24	Dec-25	Dec-23	Dec-24	Dec-25	Dec-23	Dec-24	Dec-25	Dec-23	Dec-24	Dec-25	Dec-23	Dec-24	Dec-25
Revenue	5,804	6,277	6,885	6,043	5,767	6,307	9,573	10,235	11,812	1,827	1,845	2,065	7,166	7,200	8,132
CFO Pre-W/C	2,565	2,969	2,748	2,261	2,171	2,223	4,339	4,156	4,876	625	765	898	2,190	2,344	2,198
Total Debt	12,523	13,611	14,852	7,692	8,436	9,330	18,998	22,486	25,622	3,700	3,838	3,961	11,449	12,346	13,642
(CFO Pre-W/C + Interest) / Interest	6.7x	6.4x	5.4x	7.8x	6.8x	6.1x	6.2x	5.5x	5.6x	7.6x	6.2x	6.9x	5.8x	5.5x	4.8x
(CFO Pre-W/C) / Debt	20.5%	21.8%	18.5%	29.4%	25.7%	23.8%	22.8%	18.5%	19.0%	16.9%	19.9%	22.7%	19.1%	19.0%	16.1%
(CFO Pre-W/C – Dividends) / Debt	12.5%	16.1%	12.8%	21.0%	19.9%	19.3%	22.8%	14.7%	14.4%	11.9%	14.8%	17.4%	13.0%	12.5%	9.5%
Debt / Capitalization	48.4%	48.4%	47.9%	43.0%	42.3%	42.0%	42.3%	42.7%	40.9%	44.0%	43.6%	43.1%	45.8%	46.0%	46.4%

* senior secured rating

All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
Source: Moody's Financial Metrics™

Exhibit 10

Moody's–adjusted cash flow reconciliation

DTE Electric Company

(in $ millions)	2021	2022	2023	2024	2025
FFO	**2,138.1**	**2,213.4**	**2,232.7**	**2,658.2**	**2,985.9**
+/- Other	210.0	(49.0)	332.7	311.0	(238.0)
CFO Pre-W/C	**2,348.1**	**2,164.4**	**2,565.4**	**2,969.2**	**2,747.9**
+/- ΔWC	(20.0)	(464.0)	(177.0)	(72.0)	(69.0)
CFO	**2,328.1**	**1,700.4**	**2,388.4**	**2,897.2**	**2,678.9**
- Div	588.0	763.0	1,002.0	776.0	846.0
- Capex	3,035.1	2,642.4	3,107.7	3,619.2	3,648.9
FCF	**(1,295.0)**	**(1,705.0)**	**(1,721.3)**	**(1,498.0)**	**(1,816.0)**
(CFO Pre-W/C) / Debt	23.7%	19.0%	20.5%	21.8%	18.5%
(CFO Pre-W/C - Dividends) / Debt	17.8%	12.3%	12.5%	16.1%	12.8%
Debt / Capitalization	46.0%	47.4%	48.4%	48.4%	47.9%
(FFO + Interest Expense) / Interest Expense	7.2x	6.7x	5.9x	5.8x	5.8x
Revenue	5,809.0	6,397.0	5,804.0	6,277.0	6,885.0
Interest Expense	346.6	390.2	453.3	552.6	618.8
Net Income	762.2	855.8	835.8	1,112.5	1,027.4
Total Assets	28,405.0	30,236.0	32,185.0	35,187.0	38,945.0
Total Liabilities	19,502.0	20,541.0	21,961.0	24,059.9	26,566.6
Total Equity	8,903.0	9,695.0	10,224.0	11,127.1	12,378.5

All data based on adjusted financial data, which follow our Financial Statement Adjustments in the Analysis of Nonfinancial Corporations methodology.
Source: Moody's Financial Metrics™

Ratings

Exhibit 11

Category	Moody's Rating
DTE ELECTRIC COMPANY	
Outlook	Negative
Issuer Rating	A2
First Mortgage Bonds	Aa3
Senior Secured	Aa3
Sr Unsec Bank Credit Facility	A2
Senior Unsecured Shelf	(P)A2
Commercial Paper	P-1
PARENT: DTE ENERGY COMPANY	
Outlook	Stable
Sr Unsec Bank Credit Facility	Baa2
Senior Unsecured	Baa2
Jr Subordinate	Baa3
Commercial Paper	P-2

Source: Moody's Ratings

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FitchRatings

Corporates
Electric-Corporate
United States

DTE Electric Company

DTE Electric Company's (DTEE; A–/Stable) ratings reflect its relatively low-risk profile as a regulated electric utility and Fitch Ratings' expectation of stable credit metrics, supported by a predominantly constructive regulatory environment in Michigan. Despite significant capital expenditure plans, Fitch projects that funds from operations (FFO) leverage will remain within the rating sensitivity ranges through 2026–2028. Stable credit metrics are supported by Michigan's constructive regulatory framework, a regular cadence of rate case filings, and expectations for balanced rate case outcomes.

Key Rating Drivers

Growing Data Center Demand: Fitch views growing data center demand as credit positive for DTEE. The company is in advanced talks with hyperscalers for over 3 gigawatts (GW) of new load in the near term, has a pipeline of an additional 3 GW to 4 GW of demand beyond that, and recently signed a 1.4 GW data center agreement with a subsidiary of Oracle (BBB/Stable) and filed for regulatory approval for a 1GW data center contract with Google (not rated). The Oracle contract is supported by a 19- year power supply contract, with minimum monthly charges, and a 15-year storage contract; the Google contract is supported by a 20-year power supply contract with minimum monthly charges and a 20-year Clean Capacity Agreement.

The 1.4 GW Oracle data center load will ramp up over the next two to three years and will be served with 1 GW of existing generation and a like amount of new battery storage, with deployments beginning in 2026 while the 1GW Google load will fully ramp up by 2028 and will be supported by an incremental 480 MW energy storage portfolio, 350MW of demand response and a renewable generation portfolio of up to 1.6GWs.

Growing Generation Needs: New generation will be required in the medium term, including gas, renewables, and battery storage. DTE Energy Company (DTE) is in the process of issuing an all-source Request For Proposals (RFP)or a new 1.5 GW combined cycle gas turbine (CCGT), expected to cost over $2.5 billion, to replace capacity from the planned retirement of its 3.1 GW Monroe coal plant by year-end (YE) 2032. The initial 3 GW of data center demand is projected to lift load by about 40% over five years, driving sales growth to 4% to 5%, and data center/storage investments are incremental to the current capex plan.

Growing Regulatory Uncertainty: Regulatory scrutiny remains elevated after the Michigan Attorney General (AG) requested the Michigan Public Service Commission (MPSC) to reopen DTEE's 1.4 GW AI data center special-contract approval with Oracle and to shift the matter to a contested case. The AG argues that DTE did not fully accept ordered customer protections against customer cost-shifting and cross-subsidization.

DTE said in its January 15 response letter that total revenues over the life of the contract will cover costs. The AG argues, however, that customers could still subsidize the project in the near term, with full cost recovery not occurring until the end of the contract's 19-year term. The AG also seeks a contested case review of six heavily redacted battery storage contracts supporting the project. Fitch will monitor the case for any impact on DTEE's regulatory environment.

Supportive Regulatory Environment: Fitch views Michigan's regulatory environment for electric utilities as generally constructive from a credit perspective. The regulatory framework allows full pass-through of fuel costs, forward-looking test years, and a timely 10-month review period for general rate case resolution. DTEE's authorized return on equity (ROE) of 9.9% remains slightly above the 2025 industry average of 9.83%. Fitch will monitor the outcome of Michigan's November 2026 gubernatorial election for any potential impact on the regulatory climate, as Democratic Gov. Gretchen Whitmer is term-limited and cannot run for office again.

Improvement in Storm Response Efforts: DTEE has significantly reduced customer outages after increasing distribution spending and vegetation management following heightened scrutiny from a regulator-commissioned audit. Customer outages have improved by nearly 90% since 2023, a positive development as regulators remain focused on reliability. DTEE is on track to honor its commitment to reduce power outages by 30% and cut customer outage time in half by 2029.

Credit Supportive 2025 GRC Outcome: Fitch believes the February 2026 rate order is balanced overall and should support the company's long-term 6% to 8% Earnings Per Share (EPS) growth target. DTEE was authorized a $258 million rate increase, which represents 46% of the revised request and includes $16 million from the infrastructure recovery mechanism (IRM) rolled into rate base. This authorization is based on a 9.9% ROE and a 50% equity layer. The reduced award relative to the request primarily reflects O&M disallowances and a lower authorized ROE, but it still supports incremental distribution and clean energy investments. The order is based on a December 31, 2026, test year and a $23.05 billion rate base, which is 6% above the prior case. DTEE was also authorized to extend its IRM surcharge through 2027, with IRM revenues totaling $349 million in 2026 and $283 million in 2027. Customer bills are expected to increase by approximately 5% following the outcome. DTEE plans to file a new rate case in 2Q26.

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Growing Capex Driven by Data Center Demand: DTEE plans to invest approximately $30 billion from 2026 through 2030, at levels approximately 25% higher than the prior five-year plan. The increase primarily reflects a growing data center pipeline and greater clean energy investments to meet Michigan's renewable goals, as well as enhanced distribution investments to increase reliability. Clean generation, distribution, and base infrastructure investments account for 50%, 37%, and 13% of total capex, respectively. These investments will result in negative FCF in the intermediate term. Fitch expects the capital program to be funded with internal cash flow, debt, and equity.

Upward Capex Revisions Likely: Fitch expects capex to rise due to surging data center demand, reliability needs, and Michigan clean energy legislation targeting 100% clean generation by 2040. Concerns regarding the large capex plan are mitigated by the MPSC's constructive ratemaking policies and the alignment of planned capex with state policy.

Decarbonization Path: DTEE is exiting its coal-fired generation by 2032 and replacing it with natural gas and renewables. DTEE's current integrated resource plan (IRP), which aims for net-zero emissions by 2050, aligns with Michigan's clean energy policy, which has a standard of 80% clean energy by 2035 and 100% by 2040, with a renewable standard of 50% by 2030. DTEE is adding about 1.1 GW of renewables per year on average over the next seven years. By 2032, DTEE plans to build 8 GW of renewables, 2.5 GW of energy storage and a 1.5 GW natural gas combined cycle plant with carbon capture sequestration capabilities. DTEE added 330 megawatts (MW) of solar in service in 2025 and plans to file its next IRP in 3Q26.

Solid Financial Profile: Fitch believes DTEE's credit metrics are consistent with its rating. Debt maturities are manageable, and DTEE is expected to have continued access to capital markets. Fitch-calculated FFO leverage is projected to be 4.0x in 2025, and FFO leverage is expected to average 3.8x through 2028, supported by recent and ongoing rate relief.

Rating Sensitivities

Factors that Could, Individually or Collectively, Lead to Negative Rating Action/Downgrade

- A notch downgrade at parent DTE;
- An adverse change in Michigan's regulatory environment;
- Sustained FFO leverage greater than 4.5x.

Factors that Could, Individually or Collectively, Lead to Positive Rating Action/Upgrade

- Sustained FFO leverage of 3.5x or better.

Issuer Profile

DTEE is an integrated electric utility company that serves approximately 2.3 million customers in southeastern Michigan and is the primary driver of consolidated cash flows, comprising around 78% of FFO in 2025. DTEE is the largest utility in Michigan and is regulated by the MPSC and the Federal Energy Regulatory Commission (FERC).

Financial Summary

(USD Mil.)	2022	2023	2024	2025
Gross revenue	6,397	5,804	6,277	6,885
EBITDA	2,567	2,606	2,853	3,099
CFO (Fitch-defined)	1,684	2,269	2,813	2,719
Capital intensity (capex/revenue) (%)	41.1	53.2	57.9	53.5
Debt	10,167	10,755	11,936	13,272
FFO leverage (x)	3.6	4.5	3.9	4.0
FFO interest coverage (x)	7.8	5.6	6.1	6.3
EBITDA leverage (x)	4.0	4.1	4.2	4.3

Source: Fitch Ratings, Fitch Solutions

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Corporate Rating Tool Inputs and Scores

Fitch scored the issuer as follows, using our Corporate Rating Tool (CRT) to produce the Standalone Credit Profile (SCP):

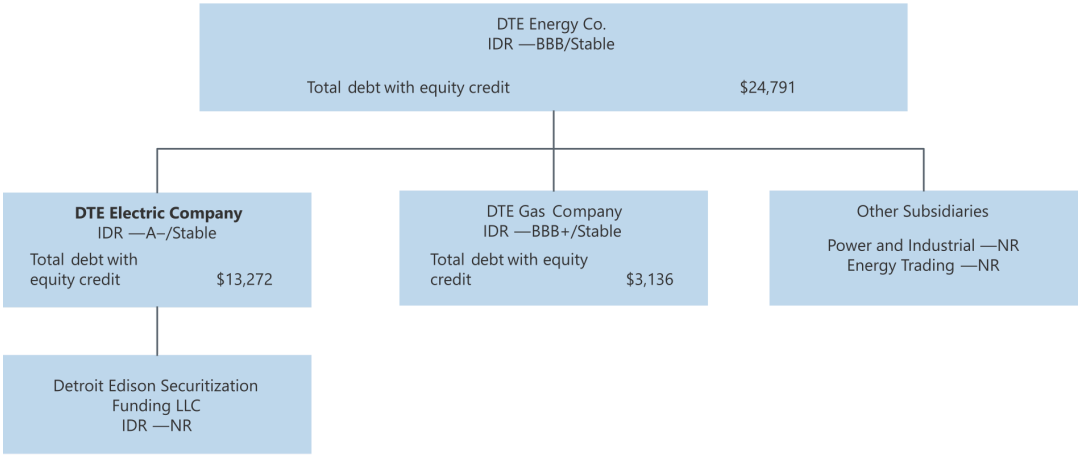
- Business and financial profile factors (assessment, relative importance): Management (bbb, Lower), Sector Characteristics (a-, Higher), Market and Competitive Positioning (bbb+, Moderate), Diversification and Asset Quality (bbb+, Moderate), Company Operational Characteristics (bbb+, Moderate), Profitability (bbb+, Moderate), Financial Structure (bbb+, Higher), and Financial Flexibility (a-, Moderate).
- The quantitative financial subfactors are based on standard CRT financial period parameters: 20% weight for the latest historical year 2024, 40% for the forecast year 2025, and 40% for the forecast year 2026.
- The Governance assessment of 'Good' results in no adjustment.
- The Operating Environment assessment of 'aa-' results in no adjustment.
- The SCP is 'a-'.

To derive the IDR: Application of Fitch's Parent Subsidiary Linkage Considerations Rating Criteria results in a consolidated profile +2 approach.

Simplified Group Structure Diagram

Organizational and Debt Structure–DTE Electric Company

($ Mil., as of December 31, 2025)



IDR – Issuer Default Rating. NR – Not rated.
Source: Fitch Ratings, Company filings

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Ratings Navigator

North American Utilities



SCP Additional Considerations		
Additional Adjustments to the Standalone Credit Profile	**Assessment**	**Impact**
Weakest Link Considerations	Not applied	0
Additional Sector Considerations	Not applied	0
B+ to CC Considerations	Not applied	0
Governance	Good	0
Operating Environment	aa-	0
Other Risk Elements	Not applied	0
Calibration	Not applied	0
Standalone Credit Profile		**a-**
Parent Subsidiary Linkage Considerations	Consolidated +2	A-
Government Related Entities Considerations	Not applied	—
Country Ceiling Considerations	Not applied	0
Other Criteria Considerations	Not applied	0

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Factor/Subfactor	Score/Outlook/Importance	Description
Management	bbb/stable/lower	
Risk tolerance	bbb/moderate	Management committed to conservative risk profile. Only modest/short-term deviations from strategy allowed.
Management strategy	bbb/moderate	Good track record of implementing coherent and stable strategy.
Management quality	bbb/moderate	Experienced management or proven track record. Management composition is broadly stable. No evidence of material risk management weaknesses.

Factor/Subfactor	Score/Outlook/Importance	Description
Sector characteristics	a-/stable/higher	
Regulatory environment	a/moderate	Track record of transparent and predictable regulation.
Mechanisms supportive of creditworthiness	bbb/moderate	Effective regulatory ring-fencing or minimum creditworthiness requirements.
Cost and investment recovery	a/moderate	Minimal lag to recover capital and operating costs.
Trend in authorized roes	a/moderate	Above-average authorized ROE.
Market structure	a/moderate	Well-established market structure with complete transparency in price-setting mechanisms.

Factor/Subfactor	Score/Outlook/Importance	Description
Market and competitive positioning	bbb+/stable/moderate	
Underlying supply mix	bbb/moderate	Low variable costs and moderate flexibility of supply.
Consumption growth potential	a/moderate	Economically vibrant market or service territory with strong sales growth.
Supply demand dynamics	bbb/moderate	Moderately favorable outlook for prices/rates.

Factor/Subfactor	Score/Outlook/Importance	Description
Diversification and asset quality	bbb+/stable/moderate	
Asset diversification	bbb/moderate	Good quality and/or reasonable scale diversified assets.
Geographic diversification	bbb/moderate	Beneficial location or reasonable locational diversity.
Customer diversification	a/moderate	Favorable customer mix.

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Factor/Subfactor	Score/Outlook/Importance	Description
Company operational characteristics	bbb+/stable/moderate	
Operational reliability	a/moderate	Track record of reliable, low-cost operations.
Capex intensity	bbb/moderate	Moderate reinvestments requirements in established technologies.
Cost competitiveness	bbb/moderate	Limited exposure to changes in commodity costs.
Exposure to weather risk	bbb/moderate	Resilient asset base, manageable exposure to wildfire, hurricane or other weather-related natural disasters supported by effective legal/regulatory constructs.
Environmental exposure	bbb/moderate	Limited or manageable exposure to environmental regulations.

Factor/Subfactor	Score/Outlook/Importance	Description
Profitability	bbb+/stable/moderate	
Free cash flow	bbb/moderate	Structurally neutral to negative FCF across the investment cycle.
Volatility of profitability	a/moderate	Higher stability and predictability of profits relative to utility peers.

Factor/Subfactor	Score/Outlook/Importance	Description
Financial structure	bbb+/stable/higher	
EBITDA leverage (x)	bbb-/moderate	3.75
FFO leverage (x)	a-/higher	3.5

Factor/Subfactor	Score/Outlook/Importance	Description
Financial flexibility	a-/stable/moderate	
Financial access	a/moderate	Unequivocal access through the cycle to: Local financial markets with FMD of 'a' and above, or International financial markets with (primarily) FMD of 'a' and above. If the issuer is an infrequent/ untested issuer, the issuer must be very likely to be able to freely access these markets through the cycle.
Liquidity	bbb/moderate	One-year liquidity ratio above 1.25x. Well-spread maturity schedule of debt but funding may be less diversified.
FFO interest coverage (x)	a+/moderate	5.5

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Factor/Subfactor	Score/Outlook/Importance	Description
Governance	Good/—/—	
Ownership and decision-making concentration	Good/moderate	No concentration in ownership and/or decision-making. Presence of effective checks and balances. Key person risk is immaterial. Decision-making is defensible from a governance perspective.
Group structure transparency and contagion risk	Good/moderate	Transparent group structure. No contagion risks.
Information quality/transparency	Good/moderate	Timely and good provision of financial and operational information, facilitating the analysis of the credit profile.

Parent Subsidiary Linkage Analysis

Key Risk Factors and Notching Approach

Parent	DTE Energy Company
Parent LT IDR	BBB
Subsidiary	DTE Electric Company
Subsidiary LT IDR	A-
Path	Stronger Subsidiary
Legal incentive	
Strategic incentive	
Operational incentive	
Notching matrix outcome	
Override applied	No
Notching approach	—

LT IDR – Long-Term Issuer Default Rating
Source: Fitch Ratings

Stronger Subsidiary Notching Matrix

Access and control	Open	Porous	Insulated
With open ring-fencing	Parent consolidated profile	Parent consolidated profile+1	Parent consolidated profile+2[b]
With porous ring-fencing	Parent consolidated profile+1	Parent consolidated profile+2[b]	Parent consolidated profile+2[b]
With insulated ring-fencing	[a]	Standalone	Standalone

[a] It is unlikely that considerations for "insulated" legal ring-fencing would coexist with the conditions outlined under "open" for access and control. It is more likely that other factors relevant to legal ring-fencing or access and control, but not within this table, would move either one, or both, of the individual Linkage Factor Assessments (LFAs) to a "porous" level that would lead to a Parent consolidated+1, Parent consolidated+2 or standalone outcome. [b] Notching is capped at the subsidiary's Standalone Credit Profile.
Source: Fitch Ratings

Fitch's Key Rating-Case Assumptions

- Constructive regulatory environment in Michigan with ROEs for DTEE in line with currently approved returns;

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- Equity issuances at parent DTE of up to $500 to $600 million annually from 2026 to 2028;
- Securitization debt is excluded from the FFO leverage calculations;
- Capex of $30 billion from 2026 to 2028;
- Equity infusions as needed from parent DTE to maintain regulatory approved structure.

Liquidity and Debt Structure

DTEE had around $573 million of available liquidity as of December 31, 2025, consisting of cash and amounts available under revolving credit facilities and letter of credit facilities. Liquidity is provided by a $1 billion revolving credit facility that expires in October 2030.

DTEE was in compliance with the maximum debt-to-capitalization covenant under its revolving credit facility, reporting a debt-to-capitalization ratio of 52% as defined in the credit agreement as of December 31, 2025. Debt maturities remain manageable given the history of successful refinancing, and Fitch expects DTEE to have continued access to the capital markets. Fitch excludes securitization debt from credit metrics.

Liquidity and Debt Maturities

Cash and Maturities Report

(USD Mil.)	December 31, 2024	December 31, 2025
Total cash and cash equivalents	59	123
Short-term investments	—	—
Less not readily available cash and cash equivalents	48	42
Fitch-defined readily available cash and cash equivalents	**11**	**81**
Availability under committed lines of credit	135	492
Total liquidity	146	573
LTM EBITDA after associates and minorities	2,853	3,099
LTM FCF	-1,599	-1,813

Source: Fitch Ratings, Fitch Solutions, DTE Electric Company

Scheduled Debt Maturities

(USD Mil.)	December 31, 2025
2026	1,329
2027	300
2028	575
2029	59
2030	782
Thereafter	10,226
Total	**13,272**

Source: Fitch Ratings, Fitch Solutions, DTE Electric Company

Financial Data

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(USD Mil.)	2022	2023	2024	2025
Summary income statement				
Gross revenue	6,397	5,804	6,277	6,885
Revenue growth (%)	10.1	-9.3	8.2	9.7
EBITDA before income from associates	2,567	2,606	2,853	3,099
EBITDA margin (%)	40.1	44.9	45.5	45.0
EBITDA after associates and minorities	2,567	2,606	2,853	3,099
EBIT	1,327	1,227	1,369	1,569
EBIT margin (%)	20.7	21.1	21.8	22.8
Gross interest expense	-381	-444	-529	-595
Pretax income including associate income/loss	981	850	1,040	1,223
Summary balance sheet				
Readily available cash and equivalents	15	15	11	81
Debt	10,167	10,755	11,936	13,272
Net debt	10,152	10,740	11,925	13,191
Summary cash flow statement				
EBITDA	2,567	2,606	2,853	3,099
Cash interest paid	-361	-424	-501	-529
Cash tax	33	-15	231	273
Dividends received less dividends paid to minorities (inflow/outflow)	—	—	—	—
Other items before FFO	216	-219	-46	-55
FFO	2,463	1,968	2,537	2,788
FFO margin (%)	38.5	33.9	40.4	40.5
Change in working capital	-779	301	276	-69
CFO (Fitch-defined)	1,684	2,269	2,813	2,719
Total non-operating/nonrecurring cash flow	—	—	—	—
Capex	-2,626	-3,089	-3,636	-3,686
Capital intensity (capex/revenue) (%)	41.1	53.2	57.9	53.5
Common dividends	-763	-1,002	-776	-846
FCF	-1,705	-1,822	-1,599	-1,813
FCF margin (%)	-26.7	-31.4	-25.5	-26.3
Net acquisitions and divestitures	4	—	—	—
Other investing and financing cash flow items	-54	-59	-118	618
Net debt proceeds	1,170	1,130	1,110	1,259
Net equity proceeds	600	759	634	—
Total change in cash	15	8	27	64
Calculations for forecast publication				
Capex, dividends, acquisitions and other items before FCF	-3,385	-4,091	-4,412	-4,532
FCF after acquisitions and divestitures	-1,701	-1,822	-1,599	-1,813
FCF margin after net acquisitions (%)	-26.6	-31.4	-25.5	-26.3
Gross Leverage ratios (x)				
FFO leverage	3.6	4.5	3.9	4.0

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(CFO-capex)/debt (%)	-9.3	-7.6	-6.9	-7.3
Net Leverage ratios (x)				
FFO net leverage	3.6	4.5	3.9	4.0
(CFO-capex)/net debt (%)	-9.3	-7.6	-6.9	-7.3
Coverage ratios (x)				
FFO interest coverage	7.8	5.6	6.1	6.3
FFO fixed-charge coverage	7.8	5.6	6.1	6.3

CFO – Cash flow from operations
Source: Fitch Ratings, Fitch Solutions

How to Interpret the Forecast Presented

The forecast presented above is based on Fitch Ratings' internally produced, conservative rating case forecast. It does not represent the forecast of the rated issuer. The forecast set out above is only one component used by Fitch Ratings to assign a rating or determine a rating outlook, and the information in the forecast reflects material but not exhaustive elements of Fitch Ratings' rating assumptions for the issuer's financial performance. As such, it cannot be used to establish a rating, and it should not be relied on for that purpose. Fitch Ratings' forecasts are constructed using a proprietary internal forecasting tool, which employs Fitch Ratings' own assumptions on operating and financial performance that may not reflect the assumptions that you would make. Fitch Ratings' own definitions of financial terms such as EBITDA, debt or free cash flow may differ from your own such definitions. Fitch Ratings may be granted access, from time to time, to confidential information on certain elements of the issuer's forward planning. Certain elements of such information may be omitted from this forecast, even where they are included in Fitch Ratings' own internal deliberations, where Fitch Ratings, at its sole discretion, considers the data may be potentially sensitive in a commercial, legal or regulatory context. The forecast (as with the entirety of this report) is produced strictly subject to the disclaimers set out at the end of this report. Fitch Ratings may update the forecast in future reports but assumes no responsibility to do so. Original financial statement data for historical periods is processed by Fitch Solutions on behalf of Fitch Ratings. Key financial adjustments and all financial forecasts credited to Fitch Ratings are generated by rating agency staff.

Fitch Adjusted Financials

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(USD Mil., as of December 31, 2025)	Notes and formulas	Standardized values	Fair value and other debt adjustments	- CORP - Lease Treatment	Other adjustments	Sum of adjustments	Adjusted values
Income statement summary							
Revenue		6,885					6,885
EBITDA	(a)	3,174			-75	-75	3,099
Depreciation and amortization		1,530					1,530
EBIT		1,644			-75	-75	1,569
Balance sheet summary							
Debt	(b)	13,825	95	-6	-642	-648	13,272
Of which other off-balance-sheet debt		—					
Lease-equivalent debt		—					
Lease-adjusted debt		13,825	95	-6	-642	-648	13,272
Readily available cash and equivalents	(c)	81					81
Not readily available cash and equivalents		42					42
Cash flow summary							
EBITDA	(a)	3,174			-75	-75	3,099
Dividends received from associates less dividends paid to minorities	(d)	—					
Interest paid	(e)	-529					-529
Interest received	(f)	—					—
Preferred dividends paid	(g)	—					
Cash tax paid		273					273
Other items before FFO		-130			75	75	-55
FFO	(h)	2,788					2,788
Change in working capital		-69					-69
CFO	(i)	2,719					2,719
Non-operating/nonrecurring cash flow		—					
Capex	(j)	-3,686					-3,686
Common dividends paid		-846					-846
FCF		-1,813					-1,813
Gross leverage (x)							
EBITDA leverage	b / (a+d)	4.4					4.3
(CFO-capex)/debt (%)	(i+j) / b	-0.1					-0.1
Net leverage (x)							
EBITDA net leverage	(b-c) / (a+d)	4.4					4.3
(CFO-capex)/net debt (%)	(i+j) / (b-c)	-0.1					-0.1
Coverage (x)							
EBITDA interest coverage	(a+d) / (-e)	6.0					5.9

CFO – Cash flow from operations
Notes: The standardized items presented above are based on Fitch's taxonomy for the given sector and region.
Reported items may not match the Fitch taxonomy, but they are captured into corresponding lines accordingly.
Debt includes other off-balance-sheet debt.
Source: Fitch Ratings, Fitch Solutions,

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Peer Analysis

DTEE compares favorably with regulated single-state peers Consumers Energy Company (Consumers; A-/Stable) and Northern States Power Company-Wisconsin (NSP; A-/Stable). All three operate in supportive regulatory environments with favorable recovery mechanisms. DTEE and Consumers operate in Michigan and are of a similar size, while NSP is smaller and based in Wisconsin.

However, Consumers also operates a gas utility, while DTEE and NSP are both electric utilities. DTEE's financial profile compares favorably with Consumers' and is in line with NSP's. Fitch forecasts FFO leverage to average 3.8x at DTEE through 2028, better than Consumers whose FFO leverage is expected to remain elevated, averaging 4.7x near term, then improving to 4.5x over 2029-2030 and in line with NSP, whose FFO leverage is projected to average 4.0x to 4.4x through 2029.

Navigator Peer Comparison

Issuer		Business profile (Score/Relative Importance)					Financial profile (Score/Relative Importance)		
Name	IDR/Outlook	Management	Sector Characteristics	Market and Competitive Positioning	Diversification and Asset Quality	Company Operational Characteristics	Profitability	Financial Structure	Financial Flexibility
DTE Electric Company	A-/Stable	bbb	a-	bbb+	bbb+	bbb+	bbb+	bbb+	a-
Consumers Energy Company	A-/Stable	bbb+	a-	bbb+	a-	a-	bbb	a-	a-
Northern States Power Company-Wisconsin	A-/Stable	bbb+	a-	bbb	bbb+	bbb	bbb+	a-	a-

Relative Importance: Higher Moderate Lower

Source: Fitch Ratings

Issuer		Business profile (Score/Outlook)					Financial profile (Score/Outlook)		
Name	IDR/Outlook	Management	Sector Characteristics	Market and Competitive Positioning	Diversification and Asset Quality	Company Operational Characteristics	Profitability	Financial Structure	Financial Flexibility
DTE Electric Company	A-/Stable	bbb	a-	bbb+	bbb+	bbb+	bbb+	bbb+	a-
Consumers Energy Company	A-/Stable	bbb+	a-	bbb+	a-	a-	bbb	a-	a-
Northern States Power Company-Wisconsin	A-/Stable	bbb+	a-	bbb	bbb+	bbb	bbb+	a-	a-

Rating categories: b/ccc bb bbb a aa ▲▼ Factor outlook direction.

Source: Fitch Ratings

Peer Financial Summary

Company	Issuer Default Rating	Financial statement date	Gross revenue (USD Mil.)	FFO (USD Mil.)	FFO interest coverage (x)	FFO leverage (x)	EBITDA leverage (x)
DTE Electric Company	A-						
	A-	2025	6,885	2,788	6.3	4.0	4.3
	A-	2024	6,277	2,537	6.1	3.9	4.2
	A-	2023	5,804	1,968	5.6	4.5	4.1
Consumers Energy Company	A-						
	A-	2024	7,050	2,223	5.9	4.4	4.6
	A-	2023	7,127	2,144	6.2	4.2	4.5
Northern States Power Company-Wisconsin	A-						
	A-	2024	1,131	301	6.5	4.1	3.6
	A-	2023	1,177	295	6.8	3.7	3.3
	A-	2022	1,201	270	7.4	3.7	3.2

Source: Fitch Ratings, Fitch Solutions

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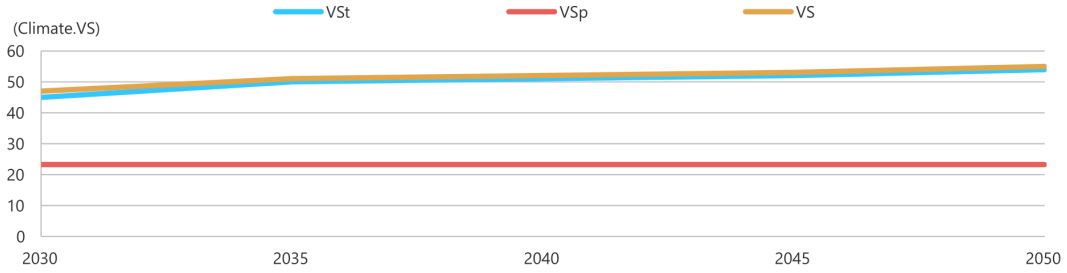
Climate Vulnerability Considerations

Fitch uses Climate Vulnerability Signals (Climate.VS) as a screening tool to identify sectors and Fitch-rated issuers that are potentially most exposed to climate-related risks. If Fitch identifies an entity as higher risk (i.e. its Climate.VS in 2035 is 50 or higher), the entity receives additional analysis and consideration in rating reviews. Climate.VS range from 0 (lowest risk) to 100 (highest risk). For more information on Climate.VS, see Fitch's Corporate Rating Criteria. For more detailed, sector-specific information on how Fitch perceives climate-related transition risks, see Climate Vulnerability Signals for Non-Financial Corporate Sectors.

The Climate.VS for 2035 is 51 out of 100. This reflects a VSp of 23 and a VSt of 50. The high scores reflect ownership of and the transition risk associated with electricity generation from fossil fuels, including both coal and natural gas generation, which is partially offset by growing renewables and relatively clean nuclear generation.

The company's remaining coal-generating plants are in the process of being retired and replaced with gas and renewable resources, and the company expects to exit coal generation by 2032. The company is on track to comply with Michigan's clean energy legislation, which has a standard of 80% clean energy by 2035 and 100% by 2040, with a renewable standard of 50% by 2030. The Climate.VS score does not influence the current ratings.

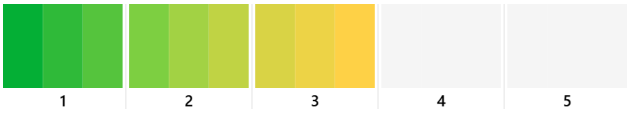
Climate Vulnerability Signals



Source: Fitch Ratings

ESG Considerations

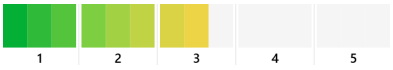
The highest level of ESG credit relevance is a score of '3', unless otherwise disclosed in this section. A score of '3' means ESG issues are credit-neutral or have only a minimal credit impact on the entity, either due to their nature or the way in which they are being managed by the entity. Fitch's ESG Relevance Scores are not inputs in the rating process; they are an observation on the relevance and materiality of ESG factors in the rating decision. For more information on Fitch's ESG Relevance Scores, visit https://www.fitchratings.com/topics/esg/products#esg-relevance-scores.



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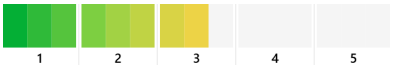
Environmental Relevance Scores

General issues	Score	Sector-specific issues	Reference
GHG Emissions & Air Quality	3	Emissions from operations	Company Operational Characteristics; Market and Competitive Positioning; Sector Characteristics; Profitability
Energy Management	3	Fuel use to generate energy and serve load	Company Operational Characteristics; Market and Competitive Positioning; Profitability
Water & Wastewater Management	2	Water used by hydro plants or by other generation plants, also effluent management	Company Operational Characteristics; Sector Characteristics; Profitability
Waste & Hazardous Materials Management; Ecological Impacts	3	Impact of waste from operations	Company Operational Characteristics; Sector Characteristics; Profitability
Exposure to Environmental Impacts	3	Plants' and networks' exposure to extreme weather	Company Operational Characteristics; Sector Characteristics; Profitability



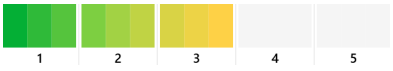
Social Relevance Scores

General issues	Score	Sector-specific issues	Reference
Human Rights, Community Relations, Access & Affordability	3	Product affordability and access	Company Operational Characteristics; Sector Characteristics; Profitability; Financial Structure
Customer Welfare - Fair Messaging, Privacy & Data Security	3	Quality and safety of products and services; data security	Sector Characteristics; Profitability
Labor Relations & Practices	3	Impact of labor negotiations and employee (dis)satisfaction	Company Operational Characteristics; Profitability
Employee Wellbeing	2	Worker safety and accident prevention	Profitability; Company Operational Characteristics
Exposure to Social Impacts	3	Social resistance to major projects that leads to delays and cost increases	Company Operational Characteristics; Profitability



Governance Relevance Scores

General issues	Score	Sector-specific issues	Reference
Management Strategy	3	Strategy development and implementation	Management; Governance
Governance Structure	3	Board independence and effectiveness; ownership concentration	Governance
Group Structure	3	Complexity, transparency and related-party transactions	Governance
Financial Transparency	3	Quality and timing of financial disclosure	Governance



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ESG Scoring	Credit-Relevant ESG Scale	
ESG relevance scores range from '1' to '5' based on a 15-level colour gradation. Red (5) is most relevant to the credit rating and green (1) is least relevant. The Environmental (E), Social (S) and Governance (G) tables break out the general and the sector-specific issues that are most relevant to each industry group. Relevance scores are assigned to each sector-specific issue, signalling the credit relevance of the sector-specific issues to an issuer's overall credit rating. The Reference column highlights the factor(s) within which the corresponding ESG issues are captured in Fitch's credit analysis. The panels underneath the relevance scores tables are visualisations of the frequency of occurrence of the highest ESG relevance scores across the combined E, S and G categories. The Score columns summarise rating relevance and impact to credit from ESG issues. The column on the far left identifies any ESG relevance sub-factor issues that are drivers or potential drivers of an issuer's credit rating (corresponding with scores of '3', '4' or '5'). All scores of '4' and '5' are assumed to reflect a negative impact unless indicated with a '+' sign for positive impact. Classification of ESG issues has been developed from Fitch's sector ratings criteria. The general and sector-specific issues draw on the classification standards published by the UN Principles for Responsible Investing, the Sustainability Accounting Standards Board and the World Bank.	5	Highly relevant, a key rating driver that has a significant impact on the rating on an individual basis. Equivalent to 'Higher' relative importance within the Navigator.
	4	Relevant to rating, not a key rating driver but has an impact on the rating in combination with other factors. Equivalent to 'Moderate' relative importance within the Navigator.
	3	Minimally relevant to rating, either very low impact or actively managed in a way that results in no impact on the entity rating. Equivalent to 'Lower' relative importance within the Navigator.
	2	Irrelevant to the entity rating but relevant to the sector.
	1	Irrelevant to the entity rating and irrelevant to the sector.

Ratings

DTE Electric Company	
Long-Term IDR	A-
Short-Term IDR	F2
Senior Secured Debt - Long-Term Rating	A+
Senior Unsecured Debt - Short-Term Rating	F2
Outlook	
Long-Term Foreign Currency IDR	Stable

Click here for the full list of ratings

ESG and Climate

Highest ESG Relevance Scores	
Environmental	3
Social	3
Governance	3

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2035 Climate Vulnerability Signal	51
Transition (Climate.VSt)	50
Physical (Climate.VSp)	23

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Applicable Criteria

Parent and Subsidiary Linkage Rating Criteria (June 2025)
Corporate Hybrids Treatment and Notching Criteria (April 2025)
Corporates Recovery Ratings and Instrument Ratings Criteria (August 2024)
Sector Navigators – Addendum to the Corporate Rating Criteria (January 2026)
Corporate Rating Criteria (January 2026)

Related Research

Global Corporates Sector Forecasts Monitor: January 2026 (January 2026)

Analysts

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STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

* * * * *

In the matter of the Application of **DTE ELECTRIC COMPANY** for authority to increase its rates, amend its rate schedules and rules governing the distribution and supply of electric energy, and for miscellaneous accounting authority.	)))))))	Case No. U-22046

PROOF OF SERVICE

Jillian Bowden, being duly sworn, deposes and says that on August 26, 2026, A.D., she emailed a copy of the attached MPSC Testimony and Exhibits to the persons as shown on the attached list.

Jillian Bowden
Jillian Bowden

Subscribed and sworn to before me
this 26th day of August, 2026.

Lori Mayabb
Lori Mayabb, Notary Public
State of Michigan, County of Eaton
Acting in County of Eaton
My Commission Expires April 15, 2033

Service List for U-22046

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Brett Johnson
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