

June 24, 2024

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 W. Saginaw Hwy.
Lansing, MI 48917

RE: MPSC Docket No. U-21291

Dear Ms. Felice:

Attached herewith for filing in the above-referenced matter, please find Michigan Power Limited Partnership's Exhibits MPL-1 through MPL-10, which were admitted into evidence at the hearing held on June 24, 2024 in the above-referenced matter and should stand as official exhibits.

If you have any questions, please feel free to contact my office. Thank you.

Very truly yours,

Fraser Trebilcock Davis & Dunlap, P.C.



Jennifer Utter Heston

JUH/dah
Enclosures
cc: All counsel of record

Michigan Public Service Commission
DTE Gas Company
Load Factor Calculation for the Projected Test Year Ending 9/30/2025
With and Without Rate XXL

Line No.	(a) Description	(b) Annual Throughput	(c) Peak Day Demand	(d) Load Factor
1	Rate GS-1/GS-2 - General	40,985,028	461,804	24.32%
2	Rate A - Residential	112,464,297	1,315,899	23.42%
3	Rate 2A - Multi-Family	4,027,460	42,192	26.15%
4	Rate S - Schools	1,599,946	18,882	23.21%
5	Rate ST Transportation	17,060,651	101,303	46.14%
6	Rate LT Transportation	19,248,430	88,602	59.52%
7	Rate XLT Transportation	29,772,211	107,783	75.68%
8	Rate XXL Transportation	84,652,694	269,937	85.92%
9	Exelon	12,036,332	59,141	55.76%
10	Total	321,847,048	2,465,544	35.76%

Line No.	Description	Annual Throughput	Peak Day Demand	Load Factor
11	Rate GS-1/GS-2 - General	40,985,028	461,804	24.32%
12	Rate A - Residential	112,464,297	1,315,899	23.42%
13	Rate 2A - Multi-Family	4,027,460	42,192	26.15%
14	Rate S - Schools	1,599,946	18,882	23.21%
15	Rate ST Transportation	17,060,651	101,303	46.14%
16	Rate LT Transportation	19,248,430	88,602	59.52%
17	Rate XLT Transportation	29,772,211	107,783	75.68%
18	Rate XXL Transportation			
19	Exelon	12,036,332	59,141	55.76%
20	Total	237,194,354	2,195,607	29.60%

Michigan Public Service Commission
DTE Gas Company
Summary of Projected Test Year Ending 09/30/2025
Proposed Gas Revenue Increase
Peak Day Demand

Distribution Plant-Other Allocated using Low-Pressure Distribution Usage for XXLT

Line No.	(a) Rate Class	(b) Test Year MMcf	(c) Annual Operating Revenues (\$000) Test Year		(e) Increase / (Decrease) Revenues (\$000)		(f) Percent
			Current (1)	Proposed (2)			
Residential							
1	Rate A	112,464	1,154,404	1,286,652	132,248	11.46%	
2	Rate 2A	4,027	36,366	40,153	3,786	10.41%	
3	Total Residential Services	116,492	1,190,770	1,326,804	136,034	11.42%	
General Services							
4	GS-1/GS-2	40,985	364,227	402,625	38,398	10.54%	
5							
School							
6	Rate S	1,600	10,898	11,572	674	6.18%	
7	Subtotal Gas Sales Revenues	159,077	1,565,896	1,741,002	175,106	11.18%	
Transportation							
8	Rate ST	17,061	46,063	47,298	1,236	2.68%	
9	Rate LT	19,248	30,967	27,649	(3,319)	-10.72%	
10	Rate XLT	29,772	29,299	26,116	(3,183)	-10.86%	
11	Rate XXLT	84,653	31,324	17,229	(14,095)	-45.00%	
12	Exelon	12,036	13,145	17,304	4,159	31.64%	
13	Total Transportation Services	162,770	150,798	135,597	(15,201)	-10.08%	
14	Total	321,847	1,716,694	1,876,599	159,905	9.31%	
15	Less: GCR Revenues (included above)		618,473	618,473	-		
16	Less: Currently Approved IRM Surcharge Revenue (included above)		126,295	-	(126,295)		
17	Less: 2025 IRM Surcharge Revenue (included above)		-	20,668	20,668		
18	Base Revenues		971,926	1,237,458	265,532	27.32%	

(1) Projected test year billing determinants at the current base rates including IRM Revenue using projected test year billing determinants at the IRM rate approved in U-20940 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

(2) Projected test year billing determinants at the proposed rates including IRM Revenue using projected test year billing determinants at the 2025 IRM rate proposed on Exhibit A-18, Schedule H4 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

Sources: Exhibit A-16 Sch. F3, Exhibit A-18, Sch. H4, & WP TJK-11

Michigan Public Service Commission
 DTE Gas Company
 Calculation of the Projected Test Year Ending 09/30/2025
 Current and Proposed Revenues by Rate Schedule
 Transportation Service Rate ST, LT, XLT and XXLT
 (\$000)

Peak Day Demand
 Distribution Plant-Other Allocated using
 Low-Pressure Distribution Usage for XXLT

Line No.	(a) Description	(b) Customers/ MMcf	(c) Current Rate	(d) Pro Forma Revenue	(e) Proposed Rate	(f) Proposed Revenue	(g) Proposed Revenue Increase/(Decrease)		(h)
							Amount	Percent	
Customer Charge									
1	Rate Schedule ST	433	\$ 2,780	\$ 14,445	3,300	\$ 17,147	\$ 2,702	18.71%	
2	Rate Schedule LT	85	6,780	6,916	9,100	9,282	2,366	34.22%	
3	Rate Schedule XLT	20	17,250	4,140	20,000	4,800	660	15.94%	
4	Rate Schedule XXLT	7	169,835	14,266	230,000	19,320	5,054	35.43%	
5	Total Customer Charges	545		\$ 39,767		\$ 50,549	\$ 10,782	27.11%	
Distribution Charges									
6	Rate Schedule ST	17,061	\$ 1,4906	\$ 25,431	\$ 1,7179	\$ 29,308	\$ 3,877	15.25%	
7	Rate Schedule LT	19,248	\$ 0.9427	18,145	0.9170	17,650	(496)	-2.73%	
8	Rate Schedule XLT	29,772	\$ 0.7060	21,019	0.6869	20,451	(568)	-2.70%	
10	Rate Schedule XXLT	84,653	\$ 0.1933	16,363	(0.0263)	(2,228)	(18,592)	-113.62%	
12	Total Distribution Charges	150,734		\$ 80,959		\$ 65,180	\$ (15,778)	-19.49%	
13	Total ST, LT, XLT and XXLT			\$ 120,725		\$ 115,729	\$ (4,996)	-4.14%	

Calculation of Transportation Rates:

Rate Schedule:	ST	LT	XLT	XXLT		
14 Revenue Req Per COSS	\$ 34,577	\$ 25,384	\$ 30,979	\$ 24,886	Rev Req: EUT	\$ 115,827
15 Discount					Rounding	
16 Rate Design Adjustment	11,898	1,560	(5,679)	(7,779)	Remote Meter	\$ (97)
17 Target Revenue	\$ 46,475	\$ 26,944	\$ 25,300	\$ 17,107	Rate Design Adjustment	0
18 Less Remote Meter Fees	20.3	12.3	49.2	15.6	Adj Rev Req	\$ 115,729
19 Less Customers Charges	17,147	9,282	4,800	19,320	Revenues	\$ 115,729
20 Distribution Revenue	\$ 29,308	\$ 17,650	\$ 20,451	\$ (2,228)	Difference	\$ (0)
21 Divided by Throughput	17,061	19,248	29,772	84,653		
22 Transportation Rate (\$/Mcf)	\$ 1.7179	\$ 0.9170	\$ 0.6869	\$ (0.0263)		
23 Average Cost Per Mcf	\$ 2.7241	\$ 1.3998	\$ 0.8498	\$ 0.2021		
24 Proposed Customer Charge:	\$ 3,300	\$ 9,100	\$ 20,000	\$ 230,000		
25 Year 1 IRM Charge 2025	\$ 162.39	\$ 702.97	\$ 3,605.40	\$ 1,631.37		

Breakeven Analysis	ST vs. LT	LT vs. XLT	XLT vs. XXLT	ST vs. GS-1
26 Annual Fixed Charges - ST	\$ 41,549	LT \$ 117,636	XLT \$ 283,265	\$ 648
27 Annual Fixed Charges - LT	\$ 117,636	XLT \$ 283,265	XXLT \$ 2,779,576	\$ 41,549
28 Annual Fixed Cost Differential	\$ 76,087	\$ 165,629	\$ 2,496,312	\$ 40,901
29 Variable Rate Differential	\$ 0.8009	\$ 0.2300	\$ 0.7132	\$3,2912
30 Annual Break Even (Mcf)	95,000	720,000	3,500,000	12,427

Source: Exh. A-16, Sch. F1.1 (Rev Req); TJK-1 (Volumes); TJK-2 (Customers); Exh. A-18, Sch. H4 (IRM)

U-20940 / Tariff	100,000	700,000	3,500,000	14,500
	(5,000)	20,000	0	(2,073)

Rate Adjustment	
ST	\$ 11,898
LT	\$ 1,560
XLT	\$ (5,679)
XXLT	\$ (7,779)

Total (should equal 0) \$ -

MPSC Case No: U-21291

Requester: MPLP

Question No.: MPLPDG-1.1

Respondent: T. J. Krynski

Page: 1 of 1

Question: Referring to Exhibit A-16, Schedule F1.2, pages 2 and 3 of 22, please provide the peak demand and annual throughput for Rate XXLT as used in the test year cost of service study designated as transmission, high pressure and low pressure. Please reconcile to Exhibit A-16 Schedules.

Answer: Peak demand and annual throughput by service level (transmission, high pressure distribution, low pressure distribution) for Rate XXLT can be found in the revised working Excel model named “U-21291 Alternate COS for Filing_REVISED.xlsx” which was filed by DTE on March 19, 2024. Specifically, the requested information can be obtained using the values found in Excel tab “3T” in which the revised allocation schedule 3T is calculated, and Excel tab “3H” in which the revised allocation schedule 3H is calculated. See the table below for the requested information. The totals in the table match those in the Company’s as-filed COSS for the projected test year as shown on page 3 of Exhibit A-16 F1.2 p3.

Service Level	Annual Demand XXLT (Mcf)	Peak Day Demand XXLT (Mcf)	Source
Low-Pressure Distribution	3,806,336	12,137	Tab “3H”, Line 8 Col (c) / Line 18 Col (d)
High-Pressure Distribution	59,007,199	188,160	Subtract Transmission and Low-Pressure from Totals
Transmission	21,839,159	69,640	Tab “3T”, Lines 8 & 18 Col (b)
XXLT Total	84,652,694	269,937	Tab “3T”, Lines 8 & 18 Col (a)

Attachment: None

MPSC Case No: U-21291

Requester: MPLP

Question No.: MPLPDG-1.2

Respondent: T. J. Krysinski

Page: 1 of 1

Question: For Rate XXL, please provide peak demands and annual throughput designated as transmission, high pressure and distribution for the test year cost of service study. If these quantities differ from the response to MPLP-DTE-1, please explain in detail.

Answer: Please refer to the response for MPLPDG-1.1.

Attachment: None

MPSC Case No: U-21291

Requester: MPLP

Question No.: MPLPDG-1.3

Respondent: T. J. Krysinski

Page: 1 of 1

Question: Please provide a description of the distribution cost allocated to the Rate XXLT class and the basis for the allocation. Include the peak demand and throughput used for the allocation of the distribution cost to the Rate XXLT class in the DTE test year cost of service study.

Answer: DTE Gas objects for the reason that the request is unclear and unduly vague and incapable of answer in its present form since the Company is unclear regarding the meaning of "distribution cost". Subject to this objection, and without waiving this objection, DTE Gas would answer as follows:

Assuming this question refers to distribution gross plant included in the Company's projected test-year revenue requirement, the total costs are shown on lines 4 to 9, col (b) of page 3 on Exhibit A-16 F1.1. Column (l) of this exhibit identifies the allocation schedules applied to each line item. A list of allocators has been provided on page 7 of Exhibit A-16 F1.1 and the calculation of each allocator can be found on Exhibit A-16 F1.2.

For additional detail regarding the allocators utilized in the COSS, please refer to my as-filed direct testimony. A high-level discussion regarding the allocators used in the Company's as-filed COSS is provided in part two of my testimony, "2. COSS Allocation Schedules". An explanation of the average & peak method is provided in part three of my testimony, "3. Discussion of Peak Day Allocation Schedules".

Attachment: None

Co-Respondent(s): Legal

Michigan Public Service Commission
DTE Gas Company
Summary of Projected Test Year Ending 09/30/2025
Proposed Gas Revenue Increase
75% Demand and 25% Throughput
Distribution Plant-Other Allocated using Low-Pressure Distribution Usage for XXL

Line No.	(a) Rate Class	(b) Test Year MMcf	(c) Annual Operating Revenues (\$000) Test Year		(e) Increase / (Decrease) Revenues (\$000)		(f) Percent
			Current (1)	Proposed (2)			
<u>Residential</u>							
1	Rate A	112,464	1,154,404	1,268,773	114,370	9.91%	
2	Rate 2A	4,027	36,366	39,521	3,155	8.67%	
3	Total Residential Services	116,492	1,190,770	1,308,294	117,524	9.87%	
<u>General Services</u>							
4	GS-1/GS-2	40,985	364,227	397,004	32,777	9.00%	
5							
<u>School</u>							
6	Rate S	1,600	10,898	11,305	407	3.73%	
7	Subtotal Gas Sales Revenues	159,077	1,565,896	1,716,603	150,708	9.62%	
<u>Transportation</u>							
8	Rate ST	17,061	46,063	49,073	3,010	6.53%	
9	Rate LT	19,248	30,967	30,875	(92)	-0.30%	
10	Rate XLT	29,772	29,299	30,638	1,339	4.57%	
11	Rate XXL	84,653	31,324	29,500	(1,824)	-5.82%	
12	Exelon	12,036	13,145	19,910	6,765	51.46%	
13	Total Transportation Services	162,770	150,798	159,995	9,197	6.10%	
14	Total	321,847	1,716,694	1,876,599	159,905	9.31%	
15	Less: GCR Revenues (included above)		618,473	618,473	-		
16	Less: Currently Approved IRM Surcharge Revenue (included above)		126,295	-	(126,295)		
17	Less: 2025 IRM Surcharge Revenue (included above)		-	20,668	20,668		
18	Base Revenues		971,926	1,237,458	265,532	27.32%	

(1) Projected test year billing determinants at the current base rates including IRM Revenue using projected test year billing determinants at the IRM rate approved in U-20940 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

(2) Projected test year billing determinants at the proposed rates including IRM Revenue using projected test year billing determinants at the 2025 IRM rate proposed on Exhibit A-18, Schedule H4 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

Sources: Exhibit A-16 Sch. F3, Exhibit A-18, Sch. H4, & WP TJK-11

Michigan Public Service Commission
 DTE Gas Company
 Calculation of the Projected Test Year Ending 09/30/2025
 Current and Proposed Revenues by Rate Schedule
 Transportation Service Rate ST, LT, XLT and XXLT
 (\$000)

75% Demand and 25% Throughput
 Distribution Plant-Other Allocated using
 Low-Pressure Distribution Usage for XXLT

Line No.	(a) Description	(b) Customers/ MMcf	(c) Current Rate	(d) Pro Forma Revenue	(e) Proposed Rate	(f) Proposed Revenue	(g) Proposed Revenue Increase/(Decrease)		(h)
							Amount	Percent	
Customer Charge									
1	Rate Schedule ST	433	\$ 2,780	\$ 14,445	3,300	\$ 17,147	\$ 2,702	18.71%	
2	Rate Schedule LT	85	6,780	6,916	9,100	9,282	2,366	34.22%	
3	Rate Schedule XLT	20	17,250	4,140	20,000	4,800	660	15.94%	
4	Rate Schedule XXLT	7	169,835	14,266	230,000	19,320	5,054	35.43%	
5	Total Customer Charges	545		\$ 39,767		\$ 50,549	\$ 10,782	27.11%	
Distribution Charges									
6	Rate Schedule ST	17,061	\$ 1,4906	\$ 25,431	\$ 1,8163	\$ 30,987	\$ 5,556	21.85%	
7	Rate Schedule LT	19,248	\$ 0,9427	18,145	1,0766	20,724	2,578	14.21%	
8	Rate Schedule XLT	29,772	\$ 0,7060	21,019	0,8291	24,686	3,666	17.44%	
10	Rate Schedule XXLT	84,653	\$ 0,1933	16,363	0,1181	9,995	(6,368)	-38.92%	
12	Total Distribution Charges	150,734		\$ 80,959		\$ 86,391	\$ 5,432	6.71%	
13	Total ST, LT, XLT and XXLT			\$ 120,725		\$ 136,940	\$ 16,214	13.43%	

Calculation of Transportation Rates:

Rate Schedule:	ST	LT	XLT	XXLT		
14 Revenue Req Per COSS	\$ 37,202	\$ 29,730	\$ 39,279	\$ 30,826	Rev Req: EUT	\$ 137,037
15 Discount					Rounding	
16 Rate Design Adjustment	10,952	288	(9,744)	(1,496)	Remote Meter	\$ (97)
17 Target Revenue	\$ 48,154	\$ 30,018	\$ 29,535	\$ 29,331	Rate Design Adjustment	(0)
18 Less Remote Meter Fees	20.3	12.3	49.2	15.6	Adj Rev Req	\$ 136,940
19 Less Customers Charges	17,147	9,282	4,800	19,320	Revenues	\$ 136,940
20 Distribution Revenue	\$ 30,987	\$ 20,724	\$ 24,686	\$ 9,995	Difference	\$ 0
21 Divided by Throughput	17,061	19,248	29,772	84,653		
22 Transportation Rate (\$/Mcf)	\$ 1.8163	\$ 1.0766	\$ 0.8291	\$ 0.1181		
23 Average Cost Per Mcf	\$ 2.8225	\$ 1.5595	\$ 0.9920	\$ 0.3465		
24 Proposed Customer Charge:	\$ 3,300	\$ 9,100	\$ 20,000	\$ 230,000		
25 Year 1 IRM Charge 2025	\$ 180.77	\$ 852.59	\$ 4,801.99	\$ 2,199.13		

Breakeven Analysis	ST vs. LT		LT vs. XLT		XLT vs. XXLT		ST vs. GS-1
26 Annual Fixed Charges - ST	\$ 41,769		LT	\$ 119,431	XLT	\$ 297,624	\$ 646
27 Annual Fixed Charges - LT	\$ 119,431		XLT	\$ 297,624	XXLT	\$ 2,786,390	\$ 41,769
28 Annual Fixed Cost Differential	\$ 77,662			\$ 178,193		\$ 2,488,766	\$ 41,123
29 Variable Rate Differential	\$ 0.7396			\$ 0.2475		\$ 0.7111	\$3,0593
30 Annual Break Even (Mcf)	105,000			720,000		3,500,000	13,442

Source: Exh. A-16, Sch. F1.1 (Rev Req); TJK-1 (Volumes); TJK-2 (Customers); Exh. A-18, Sch. H4 (IRM)

U-20940 / Tariff	100,000	700,000	3,500,000	14,500
	5,000	20,000	(0)	(1,058)

Rate Adjustment	
ST	\$ 10,952
LT	\$ 288
XLT	\$ (9,744)
XXLT	\$ (1,496)

Total (should equal 0) **\$ -**

Michigan Public Service Commission
DTE Gas Company
Summary of Projected Test Year Ending 09/30/2025
Proposed Gas Revenue Increase
Company Study Modified for
Distribution Plant-Other Allocated using Low-Pressure Distribution Usage for XXL

Line No.	(a) Rate Class	(b) Test Year MMcf	(c) Annual Operating Revenues (\$000) Test Year		(e) Increase / (Decrease) Revenues (\$000)		(f) Percent
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2	Rate 2A	4,027	36,366	39,250	2,883	7.93%	
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<u>General Services</u>							
4	GS-1/GS-2	40,985	364,227	394,588	30,360	8.34%	
5							
<u>School</u>							
6	Rate S	1,600	10,898	11,190	292	2.68%	
7	Subtotal Gas Sales Revenues	159,077	1,565,896	1,706,115	140,219	8.95%	
<u>Transportation</u>							
8	Rate ST	17,061	46,063	51,030	4,967	10.78%	
9	Rate LT	19,248	30,967	32,249	1,282	4.14%	
10	Rate XLT	29,772	29,299	32,277	2,978	10.16%	
11	Rate XXL	84,653	31,324	33,896	2,572	8.21%	
12	Exelon	12,036	13,145	21,031	7,886	60.00%	
13	Total Transportation Services	162,770	150,798	170,484	19,686	13.05%	
14	Total	321,847	1,716,694	1,876,599	159,905	9.31%	
15	Less: GCR Revenues (included above)		618,473	618,473	-		
16	Less: Currently Approved IRM Surcharge Revenue (included above)		126,295	-	(126,295)		
17	Less: 2025 IRM Surcharge Revenue (included above)		-	20,668	20,668		
18	Base Revenues		971,926	1,237,458	265,532	27.32%	

(1) Projected test year billing determinants at the current base rates including IRM Revenue using projected test year billing determinants at the IRM rate approved in U-20940 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

(2) Projected test year billing determinants at the proposed rates including IRM Revenue using projected test year billing determinants at the 2025 IRM rate proposed on Exhibit A-18, Schedule H4 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

Sources: Exhibit A-16 Sch. F3, Exhibit A-18, Sch. H4, & WP TJK-11

Michigan Public Service Commission
 DTE Gas Company
 Calculation of the Projected Test Year Ending 09/30/2025
 Current and Proposed Revenues by Rate Schedule
 Transportation Service Rate ST, LT, XLT and XXLT
 (\$000)

Company Study Modified for
 Distribution Plant-Other Allocated using
 Low-Pressure Distribution Usage for XXLT

Line No.	(a) Description	(b) Customers/ MMcf	(c) Current Rate	(d) Pro Forma Revenue	(e) Proposed Rate	(f) Proposed Revenue	(g) Proposed Revenue Increase/(Decrease)		(h)
							Amount	Percent	
Customer Charge									
1	Rate Schedule ST	433	\$ 2,780	\$ 14,445	3,300	\$ 17,147	\$ 2,702	18.71%	
2	Rate Schedule LT	85	6,780	6,916	9,100	9,282	2,366	34.22%	
3	Rate Schedule XLT	20	17,250	4,140	20,000	4,800	660	15.94%	
4	Rate Schedule XXLT	7	169,835	14,266	230,000	19,320	5,054	35.43%	
5	Total Customer Charges	545		\$ 39,767		\$ 50,549	\$ 10,782	27.11%	
Distribution Charges									
6	Rate Schedule ST	17,061	\$ 1,4906	\$ 25,431	\$ 1,9284	\$ 32,900	\$ 7,470	29.37%	
7	Rate Schedule LT	19,248	\$ 0.9427	18,145	1.1444	22,028	3,882	21.40%	
8	Rate Schedule XLT	29,772	\$ 0.7060	21,019	0.8798	26,193	5,174	24.62%	
10	Rate Schedule XXLT	84,653	\$ 0.1933	16,363	0.1698	14,370	(1,993)	-12.18%	
12	Total Distribution Charges	150,734		\$ 80,959		\$ 95,492	\$ 14,533	17.95%	
13	Total ST, LT, XLT and XXLT			\$ 120,725		\$ 146,041	\$ 25,316	20.97%	

Calculation of Transportation Rates:

Rate Schedule:	ST	LT	XLT	XXLT		
14 Revenue Req Per COSS	\$ 38,330	\$ 31,597	\$ 42,845	\$ 33,367	Rev Req: EUT	\$ 146,138
15 Discount					Rounding	
16 Rate Design Adjustment	11,738	(275)	(11,802)	339	Remote Meter	\$ (97)
17 Target Revenue	\$ 50,067	\$ 31,322	\$ 31,043	\$ 33,706	Rate Design Adjustment	0
18 Less Remote Meter Fees	20.3	12.3	49.2	15.6	Adj Rev Req	\$ 146,041
19 Less Customers Charges	17,147	9,282	4,800	19,320	Revenues	\$ 146,041
20 Distribution Revenue	\$ 32,900	\$ 22,028	\$ 26,193	\$ 14,370	Difference	\$ 0
21 Divided by Throughput	17,061	19,248	29,772	84,653		
22 Transportation Rate (\$/Mcf)	\$ 1.9284	\$ 1.1444	\$ 0.8798	\$ 0.1698		
23 Average Cost Per Mcf	\$ 2.9347	\$ 1.6273	\$ 1.0427	\$ 0.3982		
24 Proposed Customer Charge:	\$ 3,300	\$ 9,100	\$ 20,000	\$ 230,000		
25 Year 1 IRM Charge 2025	\$ 189.18	\$ 921.04	\$ 5,349.26	\$ 2,443.58		

Breakeven Analysis	ST vs. LT	LT vs. XLT	XLT vs. XXLT	ST vs. GS-1
26 Annual Fixed Charges - ST	\$ 41,870	LT \$ 120,253	XLT \$ 304,191	\$ 645
27 Annual Fixed Charges - LT	\$ 120,253	XLT \$ 304,191	XXLT \$ 2,789,323	\$ 41,870
28 Annual Fixed Cost Differential	\$ 78,382	\$ 183,939	\$ 2,485,132	\$ 41,225
29 Variable Rate Differential	\$ 0.7840	\$ 0.2646	\$ 0.7100	\$2,8899
30 Annual Break Even (Mcf)	99,973	695,143	3,500,000	14,265

Source: Exh. A-16, Sch. F1.1 (Rev Req); TJK-1 (Volumes); TJK-2 (Customers); Exh. A-18, Sch. H4 (IRM)

U-20940 / Tariff	100,000	700,000	3,500,000	14,500
	(27)	(4,857)	0	(235)

Rate Adjustment	
ST	\$ 11,738
LT	\$ (275)
XLT	\$ (11,802)
XXLT	\$ 339

Total (should equal 0) \$ -

Michigan Public Service Commission
DTE Gas Company
Usage Characteristics by Customer Class
for the Projected Test Year Ending 9/30/2025

Line No.	(a) Description	(b) Test Year Sales (MMcf)	(c) Percent of Total Company	(d) Number of Customers	(e) Sales (Mcf) per Customer	(f) Load Factor
1	Residential	116,492	36.2%	1,248,580	93	23.50%
2	General Services	40,985	12.7%	91,545	448	24.32%
3	Schools	1,600	0.5%	216	7,413	23.21%
	Transportation:					
4	Rate ST	17,061	5.3%	433	39,401	46.14%
5	Rate LT	19,248	6.0%	85	226,452	59.52%
6	Rate XLT	29,772	9.3%	20	1,488,611	75.68%
7	Rate XXLT	84,653	26.3%	7	12,093,242	85.92%
8	Total Transportation	150,734	46.8%	545	276,576	72.75%
9	Exelon	12,036	3.7%	1	12,036,332	55.76%
10	Total	<u>321,847</u>	100.0%	<u>1,340,887</u>	<u>240</u>	<u>32.51%</u>

Michigan Public Service Commission
DTE Gas Company
Summary of Projected Test Year Ending 09/30/2025
Proposed Gas Revenue Increase
REVISED Staff Study

Line No.	(a) Rate Class	(b) Test Year MMcf	(c) Annual Operating Revenues (\$000) Test Year		(e) Increase / (Decrease) Revenues (\$000)	(f) Percent
			Current (1)	Proposed (2)		
Jus	Residential					
1	Rate A	112,464	1,125,079	1,172,641	47,563	4.23%
2	Rate 2A	4,027	35,363	37,496	2,133	6.03%
3	Total Residential Services	116,492	1,160,441	1,210,137	49,696	4.28%
	General Services					
4	GS-1/GS-2	40,985	355,402	365,878	10,476	2.95%
5						
	School					
6	Rate S	1,600	10,575	10,249	(326)	-3.08%
7	Subtotal Gas Sales Revenues	159,077	1,526,418	1,586,264	59,846	3.92%
	Transportation					
8	Rate ST	17,061	46,063	49,126	3,063	6.65%
9	Rate LT	19,248	30,967	30,313	(655)	-2.11%
10	Rate XLT	29,772	29,299	29,498	199	0.68%
11	Rate XXLT	84,653	31,324	32,846	1,522	4.86%
12	Exelon	12,036	13,145	19,262	6,117	46.54%
13	Total Transportation Services	162,770	150,798	161,045	10,247	6.80%
14	Total	321,847	1,677,216	1,747,309	70,093	4.18%
15	Less: GCR Revenues (included above)		578,996	578,996	-	
16	Less: Currently Approved IRM Surcharge Revenue (included above)		126,295	-	(126,295)	
17	Less: 2025 IRM Surcharge Revenue (included above)		-	20,668	20,668	
18	Base Revenues		971,926	1,147,645	175,720	18.08%

(1) Projected test year billing determinants at the current base rates including IRM Revenue using projected test year billing determinants at the IRM rate approved in U-20940 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

(2) Projected test year billing determinants at the proposed rates including IRM Revenue using projected test year billing determinants at the 2025 IRM rate proposed on Exhibit A-18, Schedule H4 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

Sources: Exhibit A-16 Sch. F3, Exhibit A-18, Sch. H4, & WP TJK-11

Michigan Public Service Commission
 DTE Gas Company
 Calculation of the Projected Test Year Ending 09/30/2025
 Current and Proposed Revenues by Rate Schedule
 Transportation Service Rate ST, LT, XLT and XXLT
 (\$000)

REVISED Staff Study

Line No.	(a) Description	(b) Customers/ MMcf	(c) Current Rate	(d) Pro Forma Revenue	(e) Proposed Rate	(f) Proposed Revenue	(g) Proposed Revenue Increase/(Decrease) Amount	(h) Proposed Revenue Increase/(Decrease) Percent
Customer Charge								
1	Rate Schedule ST	433	\$ 2,780	\$ 14,445	3,300	\$ 17,147	\$ 2,702	18.71%
2	Rate Schedule LT	85	\$ 6,780	6,916	9,100	9,282	2,366	34.22%
3	Rate Schedule XLT	20	\$ 17,250	4,140	20,000	4,800	660	15.94%
4	Rate Schedule XXLT	7	\$ 169,835	14,266	230,000	19,320	5,054	35.43%
5	Total Customer Charges	545		\$ 39,767		\$ 50,549	\$ 10,782	27.11%
Distribution Charges								
6	Rate Schedule ST	17,061	\$ 1.4906	\$ 25,431	\$ 1.8168	\$ 30,996	\$ 5,566	21.89%
7	Rate Schedule LT	19,248	\$ 0.9427	18,145	1.0438	20,091	1,946	10.72%
8	Rate Schedule XLT	29,772	\$ 0.7060	21,019	0.7864	23,414	2,395	11.39%
10	Rate Schedule XXLT	84,653	\$ 0.1933	16,363	0.1574	13,320	(3,043)	-18.60%
12	Total Distribution Charges	150,734		\$ 80,959		\$ 87,822	\$ 6,864	8.48%
13	Total ST, LT, XLT and XXLT			\$ 120,725		\$ 138,371	\$ 17,646	14.62%
Calculation of Transportation Rates:								
						Rev Req: EUT	\$ 138,469	
						Rounding		
						Remote Meter	\$ (97)	
						Rate Design Adjustment	0	
						Adj Rev Req	\$ 138,371	
						Revenues	\$ 138,371	
						Difference	\$ (0)	
14	Rate Schedule:	ST	LT	XLT	XXLT			
15	Revenue Req Per COSS	\$ 35,796	\$ 28,994	\$ 39,023	\$ 34,656			
16	Discount							
17	Rate Design Adjustment	12,368	392	(10,760)	(2,000)			
18	Target Revenue	\$ 48,164	\$ 29,386	\$ 28,263	\$ 32,656			
19	Less Remote Meter Fees	20.3	12.3	49.2	15.6			
20	Less Customers Charges	17,147	9,282	4,800	19,320			
21	Distribution Revenue	\$ 30,996	\$ 20,091	\$ 23,414	\$ 13,320			
22	Divided by Throughput	17,061	19,248	29,772	84,653			
22	Transportation Rate (\$/Mcf)	\$ 1.8168	\$ 1.0438	\$ 0.7864	\$ 0.1574			
23	Average Cost Per Mcf	\$ 2.8231	\$ 1.5267	\$ 0.9493	\$ 0.3858			
24	Proposed Customer Charge:	\$ 3,300	\$ 9,100	\$ 20,000	\$ 230,000			
25	Year 1 IRM Charge 2025	\$ 189.18	\$ 921.04	\$ 5,349.26	\$ 2,443.58			
Breakeven Analysis								
		ST vs. LT		LT vs. XLT		XLT vs. XXLT		
26	Annual Fixed Charges - ST	\$ 41,870	LT	\$ 120,253	XLT	\$ 304,191		
27	Annual Fixed Charges - LT	\$ 120,253	XLT	\$ 304,191	XXLT	\$ 2,789,323		
28	Annual Fixed Cost Differential	\$ 78,382		\$ 183,939		\$ 2,485,132		
29	Variable Rate Differential	\$ 0.7730		\$ 0.2573		\$ 0.6291		
30	Annual Break Even (Mcf)	101,394		714,757		3,950,336		

Source: Exh. A-16, Sch. F1.1 (Rev Req); TJK-1 (Volumes); TJK-2 (Customers); Exh. A-18, Sch. H4 (IRM)

Michigan Public Service Commission
DTE Gas Company
Summary of Projected Test Year Ending 09/30/2025
Proposed Gas Revenue Increase
REVISED Staff Study with No Distribution Plant-Other Allocated to Rate XXLT

Line No.	(a) Rate Class	(b) Test Year MMcf	(c) Annual Operating Revenues (\$000) Test Year		(e) Increase / (Decrease) Revenues (\$000)	(f) Percent
			Current (1)	Proposed (2)		
Jus	Residential					
1	Rate A	112,464	1,125,079	1,174,833	49,755	4.42%
2	Rate 2A	<u>4,027</u>	<u>35,363</u>	<u>37,574</u>	<u>2,211</u>	6.25%
3	Total Residential Services	116,492	1,160,441	1,212,407	51,966	4.48%
	General Services					
4	GS-1/GS-2	40,985	355,402	366,682	11,280	3.17%
5						
	School					
6	Rate S	<u>1,600</u>	<u>10,575</u>	<u>10,286</u>	<u>(289)</u>	-2.73%
7	Subtotal Gas Sales Revenues	<u>159,077</u>	<u>1,526,418</u>	<u>1,589,376</u>	<u>62,957</u>	4.12%
	Transportation					
8	Rate ST	17,061	46,063	49,589	3,526	7.66%
9	Rate LT	19,248	30,967	30,850	(117)	-0.38%
10	Rate XLT	29,772	29,299	30,167	868	2.96%
11	Rate XXLT	84,653	31,324	27,896	(3,427)	-10.94%
12	Exelon	<u>12,036</u>	<u>13,145</u>	<u>19,430</u>	<u>6,285</u>	47.81%
13	Total Transportation Services	<u>162,770</u>	<u>150,798</u>	<u>157,933</u>	<u>7,135</u>	4.73%
14	Total	321,847	1,677,216	1,747,309	70,093	4.18%
15	Less: GCR Revenues (included above)		578,996	578,996	-	
16	Less: Currently Approved IRM Surcharge Revenue (included above)		126,295	-	(126,295)	
17	Less: 2025 IRM Surcharge Revenue (included above)		-	<u>20,668</u>	<u>20,668</u>	
18	Base Revenues		<u>971,926</u>	<u>1,147,645</u>	<u>175,720</u>	18.08%

(1) Projected test year billing determinants at the current base rates including IRM Revenue using projected test year billing determinants at the IRM rate approved in U-20940 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

(2) Projected test year billing determinants at the proposed rates including IRM Revenue using projected test year billing determinants at the 2025 IRM rate proposed on Exhibit A-18, Schedule H4 for all rate schedules and GCR revenues using projected test year billing determinants at the projected cost of gas sold of \$4.381/Mcf (Exhibit A-13, Schedule C4) for the sales rate schedules.

Sources: Exhibit A-16 Sch. F3, Exhibit A-18, Sch. H4, & WP TJK-11

Michigan Public Service Commission
 DTE Gas Company
 Calculation of the Projected Test Year Ending 09/30/2025
 Current and Proposed Revenues by Rate Schedule
 Transportation Service Rate ST, LT, XLT and XXLT
 (\$000)

REVISED Staff Study with No Distribution Plant-Other Allocated to Rate XXLT

Line No.	(a) Description	(b) Customers/ MMcf	(c) Current Rate	(d) Pro Forma Revenue	(e) Proposed Rate	(f) Proposed Revenue	(g) Proposed Revenue Increase/(Decrease) Amount	(h) Proposed Revenue Increase/(Decrease) Percent
Customer Charge								
1	Rate Schedule ST	433	\$ 2,780	\$ 14,445	3,300	\$ 17,147	\$ 2,702	18.71%
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3	Rate Schedule XLT	20	17,250	4,140	20,000	4,800	660	15.94%
4	Rate Schedule XXLT	7	169,835	14,266	230,000	19,320	5,054	35.43%
5	Total Customer Charges	545		\$ 39,767		\$ 50,549	\$ 10,782	27.11%
Distribution Charges								
6	Rate Schedule ST	17,061	\$ 1.4906	\$ 25,431	\$ 1.8440	\$ 31,459	\$ 6,029	23.71%
7	Rate Schedule LT	19,248	\$ 0.9427	18,145	1.0717	20,629	2,483	13.68%
8	Rate Schedule XLT	29,772	\$ 0.7060	21,019	0.8089	24,084	3,064	14.58%
10	Rate Schedule XXLT	84,653	\$ 0.1933	16,363	0.0989	8,371	(7,992)	-48.84%
12	Total Distribution Charges	150,734		\$ 80,959		\$ 84,543	\$ 3,584	4.43%
13	Total ST, LT, XLT and XXLT			\$ 120,725		\$ 135,091	\$ 14,366	11.90%

Calculation of Transportation Rates:

Rate Schedule:	ST	LT	XLT	XXLT		
14 Revenue Req Per COSS	\$ 36,055	\$ 29,252	\$ 39,379	\$ 30,503	Rev Req: EUT	\$ 135,189
15 Discount					Rounding	
16 Rate Design Adjustment	12,572	671	(10,447)	(2,796)	Remote Meter	\$ (97)
17 Target Revenue	\$ 48,626	\$ 29,923	\$ 28,933	\$ 27,707	Rate Design Adjustment	(0)
18 Less Remote Meter Fees	20.3	12.3	49.2	15.6	Adj Rev Req	\$ 135,091
19 Less Customers Charges	17,147	9,282	4,800	19,320	Revenues	\$ 135,091
20 Distribution Revenue	\$ 31,459	\$ 20,629	\$ 24,084	\$ 8,371	Difference	\$ (0)
21 Divided by Throughput	17,061	19,248	29,772	84,653		
22 Transportation Rate (\$/Mcf)	\$ 1.8440	\$ 1.0717	\$ 0.8089	\$ 0.0989		
23 Average Cost Per Mcf	\$ 2.8502	\$ 1.5546	\$ 0.9718	\$ 0.3273		
24 Proposed Customer Charge:	\$ 3,300	\$ 9,100	\$ 20,000	\$ 230,000		
25 Year 1 IRM Charge 2025	\$ 189.18	\$ 921.04	\$ 5,349.26	\$ 2,443.58		

Breakeven Analysis	ST vs. LT	LT vs. XLT	XLT vs. XXLT
26 Annual Fixed Charges - ST	\$ 41,870	LT \$ 120,253	XLT \$ 304,191
27 Annual Fixed Charges - LT	\$ 120,253	XLT \$ 304,191	XXLT \$ 2,789,323
28 Annual Fixed Cost Differential	\$ 78,382	\$ 183,939	\$ 2,485,132
29 Variable Rate Differential	\$ 0.7723	\$ 0.2628	\$ 0.7100
30 Annual Break Even (Mcf)	101,497	699,979	3,500,000

Source: Exh. A-16, Sch. F1.1 (Rev Req); TJK-1 (Volumes); TJK-2 (Customers); Exh. A-18, Sch. H4 (IRM)

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of)
DTE GAS COMPANY for authority)
to increase its rate schedules and rules) Case No. U-21291
governing the distribution and supply of)
natural gas, and for miscellaneous)
accounting authority.)
_____)

CERTIFICATE OF SERVICE

The undersigned certifies that, on the 24th day of June, 2024, she served a copy of the *Exhibits on Behalf of Michigan Power LP* in the above docket on the persons identified on the attached service list by electronic mail and filed it electronically with the Michigan Public Service Commission.

/s/Deborah A. Hefka
Deborah A. Hefka



MPSC Case No. U-21291
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