

**DTE Electric Company**  
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**2025 PSCR Plan Case**  
**Case No. U-21594**

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**Michigan Public Service Commission**  
**DTE Electric Company**  
**Power Supply Cost Recovery Factor**  
For the 2025 Plan year  
(\$000)

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Exhibit: A-1  
Witness: J. A. Brunell  
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Line No.	Description	(a)	(b)	(c)
			2025	Source:
1	2025 Power Supply Costs (adjusted for R10, D8 in buy through & third party sales)	\$ 1,670,038		Exh A-3, line 43
2	Plus: Projected 2024 Year-End PSCR over-recovery	\$ (51,009)		WP JAB-1
3	Total Power Supply Costs	\$ <u>1,619,028</u>		line 1 + line 2
4	Net System Requirement (adjusted for R10, D8 in buythrough)	GWh 42,238		Exh- A-3 line 42
5	Unit Cost of Power Supply	Mills/kWh 38.33		line 3 ÷ line 4
6	Base Unit Cost	Mills/kWh <u>31.26</u>		U-21297: Exh A-13, Sch C4, line 1
7	Unit Cost Above (Below) Base	Mills/kWh 7.07		line 5 - line 6
8	Loss Multiplier	<u>1.075</u>		U-21297 A-13, C4.1 line 6
9	2025 PSCR Factor	Mills/kWh <u>7.60</u>		line 7 * line 8

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Power Supply Cost Recovery Factor**  
**Forecast Period 2026 through 2029**  
 (\$000)

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 Exhibit: A-2  
 Witness: J. A. Brunell  
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Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
		2026	2027	2028	2029	Source:	
1	Forecast Year Power Supply Costs (adjusted for R10, D8 in buy through & third party sales)	\$ 1,866,514	\$ 2,025,216	\$ 2,179,720	\$ 2,547,788	Exh A-3, line 43	
2	Plus: Projected Prior Year-End PSCR over/under-recovery	0	0	0	0	Not Applicable	
3	Total Power Supply Costs	<u>\$ 1,866,514</u>	<u>\$ 2,025,216</u>	<u>\$ 2,179,720</u>	<u>\$ 2,547,788</u>	line 1 + line 2	
4	Net System Requirement (adjusted for R10, D8 in buythrough & third party sales)	GWh	42,119	42,260	42,408	42,472	Exh- A-3 line 42
5	Unit Cost of Power Supply	Mills/kWh	44.31	47.92	51.40	59.99	line 3 ÷ line 4
6	Base Unit Cost	Mills/kWh	<u>31.26</u>	<u>31.26</u>	<u>31.26</u>	<u>31.26</u>	U-21297: Exh A-13, Sch C4, line 1
7	Unit Cost Above (Below) Base	Mills/kWh	13.05	16.66	20.14	28.73	line 5 - line 6
8	Loss Multiplier		<u>1.075</u>	<u>1.075</u>	<u>1.075</u>	<u>1.075</u>	U-21297 A-13, C4.1 line 6
9	PSCR Factor	Mills/kWh	<u>14.03</u>	<u>17.91</u>	<u>21.64</u>	<u>30.87</u>	line 7 * line 8

**Michigan Public Service Commission  
DTE Electric Company  
Projected Fuel, Purchases and Sales of Power, and PSCR Expense  
Years 2025 - 2029**

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Exhibit: A-3  
Witness: C. A. Bevins  
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Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Generation & Fuel							
2	- GWh	40,554		36,580	35,308	35,258	28,683	Exh A-11, line 17
3	- \$1,000	\$ 895,870	\$ 907,080	\$ 922,258	\$ 1,021,064	\$ 875,291		Exh A-14, line 40
4								
5	Ludington & Storage Losses							
6	- GWh	(609)		(547)	(594)	(591)	(634)	Exh A-11, line 21 + line 25
7								
8	Net Wholesale Power Purchases/Sales							
9	- GWh	2,378		6,175	7,630	7,823	14,504	Exh A-6, page 1, line 74
10	- \$1,000	\$ 285,854	\$ 441,981	\$ 555,434	\$ 571,748	\$ 1,048,159		Exh A-6, page 1, line 75
11								
12	Emission Allowances							
13	- NO <sub>x</sub> Seasonal - \$1,000	\$ 1,369	\$ -	\$ -	\$ -	\$ -		Exh A-7, line 30
14	- NO <sub>x</sub> Annual - \$1,000	\$ -	\$ -	\$ -	\$ -	\$ -		Exh A-8, line 30
15	- SO <sub>2</sub> (CSAPR) - \$1,000	\$ -	\$ -	\$ -	\$ -	\$ -		Exh A-9, line 28
16	- SO <sub>2</sub> (ARP) - \$1,000	\$ 3	\$ 1	\$ 0	\$ 0	\$ 0		Exh A-10, line 28
17								
18	Chemical Costs							
19	- Urea - \$1,000	\$ 14,807	\$ 15,334	\$ 15,686	\$ 16,595	\$ 8,772		Exh A-12, line 4
20	- Limestone - \$1,000	\$ 6,346	\$ 6,592	\$ 6,768	\$ 7,248	\$ 3,904		Exh A-12, line 9
21	- Activated Carbon - \$1,000	\$ 2,550	\$ 1,215	\$ -	\$ -			Exh A-12, line 14
22	- Ammonia - \$1,000	\$ 2,477	\$ 2,144	\$ 2,551	\$ 2,600	\$ 2,631		Exh A-12, line 19
23	- Potassium Iodide - \$1,000	\$ 2,706	\$ 2,802	\$ 2,867	\$ 3,033	\$ 1,603		Exh A-12, line 24
24								
25	Net System Output							
26	- GWh	43,158		43,039	43,180	43,328	43,392	Exh A-20, col (g), lines 7 - 11
27	- \$1,000	\$ 1,211,983	\$ 1,377,150	\$ 1,505,564	\$ 1,622,289	\$ 1,940,360		Sum lines 3, 10, 13 thru 16, 19 thru 22
28	- \$/MWh	\$ 28.08	\$ 32.00	\$ 34.87	\$ 37.44	\$ 44.72		line 26 + line 25
29								
30	Bundled Transmission							
31	- \$1,000	\$ 507,739	\$ 544,513	\$ 580,746	\$ 625,305	\$ 682,070		Exh A-16, line 17
32								
33	Non-PSCR Customer Sales Adjustment							
34	- GWh	920		920	920	920	920	Workpaper CAB-5
35	- \$1,000	\$ 42,594	\$ 48,052	\$ 53,992	\$ 60,763	\$ 67,521		Workpaper CAB-5
36								
37	Non-PSCR Customer Transmission Adjustment							
38	- GWh	920		920	920	920	920	line 33
39	- \$1,000	\$ 7,090	\$ 7,097	\$ 7,103	\$ 7,111	\$ 7,122		Workpaper CAB-5
40								
41	PSCR Fuel & Purchased Power							
42	- GWh	42,238		42,119	42,260	42,408	42,472	line 25 - line 33
43	- \$1,000	\$ 1,670,038	\$ 1,866,514	\$ 2,025,216	\$ 2,179,720	\$ 2,547,788		line 26 + line 30 - line 34 - line 38
44	- \$/MWh	\$ 39.54	\$ 44.31	\$ 47.92	\$ 51.40	\$ 59.99		line 42 ÷ line 41

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Projected Wholesale Energy, Capacity, & Emission Allowance Prices**  
**Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-4  
Witness: C. A. Bevins  
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Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	<b>Michigan Hub Energy Price Forecast</b>						<b>Emission Allowance Price Projections</b>				
2	Month	OnPeak (\$/MWh)	OffPeak (\$/MWh)	OnPeak (hours)	OffPeak (hours)	RTC (\$/MWh)	Year	Annual NO <sub>x</sub> (\$/ton)	Seasonal NO <sub>x</sub> (\$/ton)	SO <sub>2</sub> (CSAPR) (\$/ton)	
3	Jan-2025	57.26	45.08	352	392	50.84	2025	7.78	1367	2.61	
4	Feb-2025	47.62	37.91	320	352	42.54	2026	7.95	1396	2.67	
5	Mar-2025	41.00	31.84	336	408	35.97	2027	8.13	1428	2.73	
6	Apr-2025	40.76	31.41	352	368	35.98	2028	8.32	1460	2.79	
7	May-2025	44.90	30.02	336	408	36.74	2029	8.51	1495	2.86	
8	Jun-2025	46.73	27.97	336	384	36.72					
9	Jul-2025	67.13	34.99	352	392	50.20					
10	Aug-2025	58.48	30.07	336	408	42.90					
11	Sep-2025	49.88	30.83	336	384	39.72					
12	Oct-2025	44.38	34.08	368	376	39.18	2024	10.95	5.48	0.27	12.45
13	Nov-2025	44.66	37.53	304	416	40.54	2025	39.72	2.39	2.39	2.37
14	Dec-2025	49.83	41.02	352	392	45.19	2026	78.72	2.37	2.38	2.36
15	Jan-2026	65.34	51.38	336	408	57.68	2027	23.79	2.36	2.36	2.35
16	Feb-2026	55.35	47.69	320	352	51.34	2028	13.75	2.35	2.35	2.33
17	Mar-2026	45.39	36.29	352	392	40.60	2029	41.99	2.33	2.33	2.32
18	Apr-2026	43.45	33.01	352	368	38.11					
19	May-2026	46.70	32.60	320	424	38.67	2025-2029 Avg	39.59	2.36	2.36	2.35
20	Jun-2026	51.45	33.09	352	368	42.07					
21	Jul-2026	71.55	40.51	368	376	55.86					
22	Aug-2026	65.48	39.78	336	408	51.39					
23	Sep-2026	53.87	36.61	336	384	44.66					
24	Oct-2026	48.18	37.38	352	392	42.49					
25	Nov-2026	51.27	43.15	320	400	46.76					
26	Dec-2026	53.95	47.46	352	392	50.53					
27	Jan-2027	66.74	57.72	336	408	61.79					
28	Feb-2027	61.31	54.20	320	352	57.59					
29	Mar-2027	49.89	42.56	368	376	46.19					
30	Apr-2027	46.07	39.44	352	368	42.68					
31	May-2027	50.08	39.88	336	408	44.49					
32	Jun-2027	56.53	41.55	352	368	48.88					
33	Jul-2027	71.34	48.23	352	392	59.16					
34	Aug-2027	69.32	50.23	352	392	59.26					
35	Sep-2027	58.01	46.39	352	368	52.07					
36	Oct-2027	51.99	44.53	336	408	47.90					
37	Nov-2027	56.80	50.84	352	368	53.76					
38	Dec-2027	58.28	53.02	368	376	55.62					
39	Jan-2028	69.87	62.49	336	408	65.82					
40	Feb-2028	64.03	58.52	336	360	61.18					
41	Mar-2028	53.90	49.47	368	376	51.66					
42	Apr-2028	48.87	45.06	320	400	46.75					
43	May-2028	53.83	48.68	368	376	51.23					
44	Jun-2028	69.11	55.05	352	368	61.93					
45	Jul-2028	70.44	61.33	336	408	65.45					
46	Aug-2028	72.95	61.60	368	376	67.22					
47	Sep-2028	63.21	57.85	336	384	60.35					
48	Oct-2028	56.61	52.00	352	392	54.18					
49	Nov-2028	62.75	58.61	352	368	60.63					
50	Dec-2028	62.98	61.04	336	408	61.91					
51	Jan-2029	77.96	74.98	368	376	76.45					
52	Feb-2029	70.57	73.21	320	352	71.95					
53	Mar-2029	57.62	59.55	352	392	58.64					
54	Apr-2029	51.27	51.75	336	384	51.52					
55	May-2029	57.13	53.87	368	376	55.49					
56	Jun-2029	73.24	65.37	336	384	69.04					
57	Jul-2029	75.65	67.52	352	392	71.37					
58	Aug-2029	82.94	74.82	368	376	78.83					
59	Sep-2029	72.68	62.74	320	400	67.16					
60	Oct-2029	58.60	55.34	368	376	56.95					
61	Nov-2029	66.80	63.83	352	368	65.28					
62	Dec-2029	65.98	63.11	336	408	64.41					

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	
		MISO Planning Year 2024				MISO Planning Year 2025				MISO Planning Year 2026				MISO Planning Year 2027				MISO Planning Year 2028				MISO Planning Year 2029			
		Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter			
1	<b>Resource Plan Requirement</b>																								
2	DTE Electric Peak Demand Non-Coincident with MISO	MW	6,166	7,775	9,894	9,169	6,224	8,060	10,106	9,215	6,134	8,081	10,058	9,181	6,163	8,066	10,038	9,163	6,168	7,969	10,016	9,138	6,172		
3	DTE Electric Coincident Peak Demand	MW	5,980	7,573	9,584	8,586	5,892	7,592	9,538	8,555	5,921	7,579	9,520	8,538	5,925	7,487	9,498	8,514	5,929	7,442	9,436	8,484	5,948		
4	UCAP Planning Reserve Margin (UPRM)	MW	1,638	2,022	882	1,271	1,603	2,179	897	1,309	1,599	2,327	914	1,357	1,588	2,456	902	1,337	1,571	2,463	887	1,315	1,564		
5	RBDC PRMR Adjustment	MW			326	356	230	46	324	355	231	45	324	354	231	45	323	353	231	45	321	352	232		
6	<b>Total Required Planning Resources (Final PRMR)</b>	MW	7,618	9,595	10,792	10,213	7,725	9,817	10,759	10,218	7,750	9,951	10,757	10,249	7,744	9,988	10,724	10,204	7,732	9,950	10,643	10,151	7,744		
7	Planning Resources																								
8	Owned Fossil & Nuclear Generation Resources (UCAP)	MW	7,927	8,666	9,219	8,966	9,106	9,012	9,054	8,830	8,763	8,682	9,004	8,833	8,855	8,491	9,005	8,297	8,586	7,323	7,897	7,434	7,443		
9	Demand Resources (UCAP)	MW	391	408	557	335	393	434	614	336	392	441	757	338	391	448	787	338	390	449	820	337	390		
10	Owned Renewable Generation Resources (UCAP)	MW	541	235	436	413	497	455	804	739	695	814	1,863	1,564	803	1,820	2,679	2,282	1,239	2,617	3,125	2,626	1,288		
11	Long Term Purchases (UCAP)	PURPA Renewable	MW MW	274 33	171 41	172 35	168 35	218 35	181 36	297 36	262 36	218 36	299 36	500 36	415 36	218 36	490 36	652 35	533 35	239 35	636 35	803 35	650 35	260	
12	<b>Total Planning Resources (UCAP)</b>	MW	9,164	9,521	10,420	9,917	10,248	10,117	10,805	10,203	10,103	10,271	12,160	11,185	10,303	11,285	13,159	11,485	10,490	11,061	12,680	11,083	9,417		
13	<b>Required Capacity Purchases</b>	MW	(1,546)	74	372	296	(2,523)	(300)	(46)	15	(2,353)	(321)	(1,403)	(936)	(2,558)	(1,297)	(2,435)	(1,281)	(2,758)	(1,110)	(2,036)	(932)	(1,673)		

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
			2025	2026	2027	2028	2029
1	<b>MISO WHOLESALE PURCHASES &amp; SALES</b>						
2	MISO Wholesale Purchases						
3	- GWh		2,364	3,866	3,324	3,311	5,105
4	- \$1,000	\$	80,016	\$ 145,722	\$ 143,665	\$ 160,993	\$ 303,410
5	- \$/MWh	\$	33.85	\$ 37.69	\$ 43.23	\$ 48.62	\$ 59.44
6							
7	MISO Wholesale Sales						
8	- GWh		6,690	5,671	7,919	10,313	8,259
9	- \$1,000	\$	312,911	\$ 312,149	\$ 466,241	\$ 691,191	\$ 599,795
10	- \$/MWh	\$	46.77	\$ 55.05	\$ 58.88	\$ 67.02	\$ 72.62
11							
12	MISO Market Expenses (excluding Sch 16 &17) - \$1,000	\$	20,412	\$ 17,816	\$ 22,376	\$ 26,650	\$ 20,312
13							
14	<b>NET MISO PURCHASES &amp; SALES</b>						
15	- GWh		(4,326)	(1,804)	(4,595)	(7,002)	(3,154)
16	- \$1,000	\$	(212,483)	\$ (148,611)	\$ (300,200)	\$ (503,547)	\$ (276,073)
17	- \$/MWh	\$	49.12	\$ 82.36	\$ 65.33	\$ 71.92	\$ 87.52
18							
19	<b>RENEWABLE PURCHASES</b>						
20	<b>Renewable Energy Build</b>						
21	Wind						
22	- GWh		4,026	4,026	4,035	4,304	4,663
23	- \$1,000	\$	319,080	\$ 325,306	\$ 332,656	\$ 365,287	\$ 400,147
24	- \$/MWh	\$	79.25	\$ 80.80	\$ 82.45	\$ 84.88	\$ 85.81
25							
26	Solar						
27	- GWh		763	1,586	5,055	6,677	8,453
28	- \$1,000	\$	50,748	\$ 104,576	\$ 328,332	\$ 442,291	\$ 569,768
29	- \$/MWh	\$	66.50	\$ 65.94	\$ 64.95	\$ 66.24	\$ 67.41
30							
31	<b>Renewable Energy PPA</b>						
32	Wind						
33	- GWh		1,334	1,334	1,334	1,464	1,619
34	- \$1,000	\$	86,727	\$ 86,727	\$ 86,727	\$ 94,663	\$ 103,964
35	- \$/MWh	\$	65.03	\$ 65.03	\$ 65.03	\$ 64.65	\$ 64.20
36							
37	Landfill Gas / Biomass						
38	- GWh		166	166	166	166	166
39	- \$1,000	\$	16,410	\$ 16,410	\$ 16,410	\$ 16,455	\$ 16,410
40	- \$/MWh	\$	99.03	\$ 99.03	\$ 99.03	\$ 99.03	\$ 99.03
41							
42	Solar						
43	- GWh		260	712	1,481	2,057	2,602
44	- \$1,000	\$	11,031	\$ 41,314	\$ 94,514	\$ 137,193	\$ 180,278
45	- \$/MWh	\$	42.40	\$ 57.99	\$ 63.84	\$ 66.69	\$ 69.28
46							
47	<b>TOTAL RENEWABLE ENERGY PURCHASES</b>						
48	- GWh		6,549	7,824	12,070	14,669	17,503
49	- \$1,000	\$	483,995	\$ 574,333	\$ 858,638	\$ 1,055,888	\$ 1,270,566
50	- \$/MWh	\$	73.91	\$ 73.41	\$ 71.14	\$ 71.98	\$ 72.59
51							
52	<b>OTHER</b>						
53	Capacity <sup>1</sup> - \$1,000	\$	3,554	\$ (2,524)	\$ (10,570)	\$ (11,501)	\$ (24,122)
54							
55	Demand Response Customer Capacity Expenses - \$1,000	\$	6,775	\$ 9,970	\$ 10,669	\$ 10,746	\$ 8,952
56							
57	PURPA/PA2						
58	- GWh		156	156	156	156	156
59	- \$1,000	\$	10,589	\$ 10,801	\$ 11,017	\$ 11,268	\$ 11,462
60	- \$/MWh	\$	68.01	\$ 69.37	\$ 70.76	\$ 72.17	\$ 73.62
61							
62	Renewable VGP Adjustment						
63	- \$1,000	\$	(103,373)	\$ (156,989)	\$ (318,837)	\$ (405,474)	\$ (460,995)
64							
65	VGP Customer Energy & Capacity Credits						
66	- \$1,000	\$	89,209	\$ 147,433	\$ 297,126	\$ 406,753	\$ 510,742
67							
68	MISO Market Admin Fees						
69	Schedules 16 & 17 - \$1,000	\$	7,587	\$ 7,567	\$ 7,591	\$ 7,616	\$ 7,627
70							
71	<b>NET WHOLESALE PURCHASES &amp; SALES</b>						
72	- GWh		2,378	6,175	7,630	7,823	14,504
73	- \$1,000	\$	285,854	\$ 441,981	\$ 555,434	\$ 571,748	\$ 1,048,159
74	- \$/MWh	\$	120.20	\$ 71.58	\$ 72.79	\$ 73.09	\$ 72.27

<sup>1</sup>Capacity costs in calendar year consist of Jan-May at the previous MISO Planning Year price and associated volume as well as the Jun-Dec current MISO Planning Year price and associated volume. The volume shown is for the current Planning Year that begins June 1st.

**Michigan Public Service Commission  
DTE Electric Company  
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Line No.	(a) Description	(b) 2025	(c) 2026	(d) 2027	(e) 2028	(f) 2029
1	<b>Renewable Energy Compliance PPA - Wind</b>					
2	Stoney Corners					
3	- MW	32.4	32.4	32.4	32.4	32.4
4	- GWh	76.1	76.1	76.1	76.3	76.1
5	- \$/MWh	\$ 116.00	\$ 116.00	\$ 116.00	\$ 116.00	\$ 116.00
6	- \$1,000	\$ 8,826	\$ 8,826	\$ 8,826	\$ 8,851	\$ 8,826
7						
8	Gratiot					
9	- MW	110.4	110.4	110.4	110.4	110.4
10	- GWh	271.9	271.9	271.9	272.6	271.9
11	- \$/MWh	\$ 91.43	\$ 91.43	\$ 91.43	\$ 91.43	\$ 91.43
12	- \$1,000	\$ 24,858	\$ 24,858	\$ 24,858	\$ 24,926	\$ 24,858
13						
14	Tuscola Bay Wind					
15	- MW	120.0	120.0	120.0	120.0	120.0
16	- GWh	364.8	364.8	364.8	365.8	364.8
17	- \$/MWh	\$ 60.90	\$ 60.90	\$ 60.90	\$ 60.90	\$ 60.90
18	- \$1,000	\$ 22,214	\$ 22,214	\$ 22,214	\$ 22,274	\$ 22,214
19						
20	Tuscola Wind II					
21	- MW	100.3	100.3	100.3	100.3	100.3
22	- GWh	299.4	299.4	299.4	300.2	299.4
23	- \$/MWh	\$ 49.25	\$ 49.25	\$ 49.25	\$ 49.25	\$ 49.25
24	- \$1,000	\$ 14,744	\$ 14,744	\$ 14,744	\$ 14,784	\$ 14,744
25						
26	Pheasant Run					
27	- MW	74.8	74.8	74.8	74.8	74.8
28	- GWh	254.5	254.5	254.5	255.2	254.5
29	- \$/MWh	\$ 49.25	\$ 49.25	\$ 49.25	\$ 49.25	\$ 49.25
30	- \$1,000	\$ 12,536	\$ 12,536	\$ 12,536	\$ 12,570	\$ 12,536
31						
32	Big Turtle					
33	- MW	20.0	20.0	20.0	20.0	20.0
34	- GWh	67.0	67.0	67.0	67.2	67.0
35	- \$/MWh	\$ 53.00	\$ 53.00	\$ 53.00	\$ 53.00	\$ 53.00
36	- \$1,000	\$ 3,549	\$ 3,549	\$ 3,549	\$ 3,559	\$ 3,549
37						
38	2028 PPA - IRP Wind					
39	- MW				60.0	60.0
40	- GWh				127.1	158.1
41	- \$/MWh				\$ 60.59	\$ 60.59
42	- \$1,000				\$ 7,699	\$ 9,580
43						
44	2029 PPA - IRP Wind					
45	- MW					60.0
46	- GWh					127.6
47	- \$/MWh					\$ 59.99
48	- \$1,000					\$ 7,657
49						
50	<b>Total Compliance Wind PPA</b>					
51	- MW	457.9	457.9	457.9	517.9	577.9
52	- GWh	1,333.6	1,333.6	1,333.6	1,464.3	1,619.4
53	- \$/MWh	\$ 65.03	\$ 65.03	\$ 65.03	\$ 64.65	\$ 64.20
54	- \$1,000	\$ 86,727	\$ 86,727	\$ 86,727	\$ 94,663	\$ 103,964

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Line No.	(a) Description	(b) 2025	(c) 2026	(d) 2027	(e) 2028	(f) 2029
<b>Renewable Energy Compliance PPA - Landfill Gas/Biomass</b>						
1	L'Anse Warden					
2	- MW	17.0	17.0	17.0	17.0	17.0
3	- GWh	115.4	115.4	115.4	115.7	115.4
4	- \$/MWh	\$ 102.00	\$ 102.00	\$ 102.00	\$ 102.00	\$ 102.00
5	- \$1,000	\$ 11,769	\$ 11,769	\$ 11,769	\$ 11,802	\$ 11,769
6						
7	WM Renewable					
8	- MW	3.2	3.2	3.2	3.2	3.2
9	- GWh	24.4	24.4	24.4	24.4	24.4
10	- \$/MWh	\$ 85.00	\$ 85.00	\$ 85.00	\$ 85.00	\$ 85.00
11	- \$1,000	\$ 2,072	\$ 2,072	\$ 2,072	\$ 2,078	\$ 2,072
12						
13	Blue Water					
14	- MW	3.2	3.2	3.2	3.2	3.2
15	- GWh	25.9	25.9	25.9	26.0	25.9
16	- \$/MWh	\$ 99.00	\$ 99.00	\$ 99.00	\$ 99.00	\$ 99.00
17	- \$1,000	\$ 2,568	\$ 2,568	\$ 2,568	\$ 2,575	\$ 2,568
18						
19						
20	<b>Total Compliance Landfill Gas/Biomass PPA</b>					
21	- MW	23.4	23.4	23.4	23.4	23.4
22	- GWh	165.7	165.7	165.7	166.2	165.7
23	- \$/MWh	\$ 99.03	\$ 99.03	\$ 99.03	\$ 99.03	\$ 99.03
24	- \$1,000	\$ 16,410	\$ 16,410	\$ 16,410	\$ 16,455	\$ 16,410
25						
26	<b>Renewable Energy Compliance PPA - Solar</b>					
27	River Fork - Ranger Power					
28	- MW	49.0	49.0	49.0	49.0	49.0
29	- GWh	100.3	99.8	99.3	99.1	98.3
30	- \$/MWh	\$ 43.74	\$ 44.59	\$ 45.46	\$ 46.35	\$ 47.26
31	- \$1,000	\$ 4,386	\$ 4,449	\$ 4,514	\$ 4,592	\$ 4,645
32						
33	Coldwater River					
34	- MW		150.0	150.0	150.0	150.0
35	- GWh		281.9	300.7	300.0	297.7
36	- \$/MWh		\$ 66.41	\$ 68.00	\$ 69.79	\$ 71.82
37	- \$1,000		\$ 18,723	\$ 20,447	\$ 20,939	\$ 21,382
38						
39	White Pine Grove					
40	- MW		100.0	100.0	100.0	100.0
41	- GWh		171.6	183.0	182.6	181.2
42	- \$/MWh		\$ 66.41	\$ 68.00	\$ 69.79	\$ 71.82
43	- \$1,000		\$ 11,397	\$ 12,446	\$ 12,746	\$ 13,015
44						
45	2027 PPA - IRP Solar					
46	- MW			305.0	305.0	305.0
47	- GWh			556.7	595.4	590.8
48	- \$/MWh			\$ 68.00	\$ 69.79	\$ 71.82
49	- \$1,000			\$ 37,853	\$ 41,555	\$ 42,434
50						
51	2028 PPA - IRP Solar					
52	- MW				120.0	120.0
53	- GWh				221.1	235.1
54	- \$/MWh				\$ 69.79	\$ 71.82
55	- \$1,000				\$ 15,428	\$ 16,889
56						
57	2029 PPA - IRP Solar					
58	- MW					240.0
59	- GWh					443.8
60	- \$/MWh					\$ 71.82
61	- \$1,000					\$ 31,874
62						
63	<b>Total Compliance Solar PPA</b>					
64	- MW	49.0	299.0	604.0	724.0	964.0
65	- GWh	100.3	553.3	1,139.7	1,398.2	1,847.0
66	- \$/MWh	\$ 43.74	\$ 62.48	\$ 66.03	\$ 68.13	\$ 70.52
67	- \$1,000	\$ 4,386.1	\$ 34,569.5	\$ 75,259.1	\$ 95,259.5	\$ 130,240.6
68						
69	<b>Total Compliance PPA</b>					
70	- MW	530	780	1,085	1,265	1,565
71	- GWh	1,600	2,053	2,639	3,029	3,632
72	- \$/MWh	\$ 67.22	\$ 67.09	\$ 67.60	\$ 68.14	\$ 69.00
73	- \$1,000	\$ 107,523	\$ 137,706	\$ 178,396	\$ 206,377	\$ 250,614

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1	<b>Renewable Energy Compliance Build - Wind</b>					
2	Gratiot County Wind					
3	- MW	102.4	102.4	102.4	102.4	102.4
4	- GWh	231.4	231.4	231.4	232.1	231.4
5	- \$/MWh	\$ 118.28	\$ 122.76	\$ 127.79	\$ 136.55	\$ 142.29
6	- \$1,000	\$ 27,372	\$ 28,408	\$ 29,573	\$ 31,687	\$ 32,929
7						
8	Minden Wind Park					
9	- MW	32.0	32.0	32.0	32.0	32.0
10	- GWh	112.9	112.9	112.9	113.2	112.9
11	- \$/MWh	\$ 118.28	\$ 122.76	\$ 127.79	\$ 136.55	\$ 142.29
12	- \$1,000	\$ 13,358	\$ 13,863	\$ 14,432	\$ 15,463	\$ 16,070
13						
14	McKinley Wind Park					
15	- MW	14.4	14.4	14.4	14.4	14.4
16	- GWh	51.8	51.8	51.8	52.0	51.8
17	- \$/MWh	\$ 118.28	\$ 122.76	\$ 127.79	\$ 136.55	\$ 142.29
18	- \$1,000	\$ 6,131	\$ 6,363	\$ 6,624	\$ 7,098	\$ 7,376
19						
20	Sigel Wind Park					
21	- MW	64.0	64.0	64.0	64.0	64.0
22	- GWh	249.4	249.4	249.4	250.1	249.4
23	- \$/MWh	\$ 118.28	\$ 122.76	\$ 127.79	\$ 136.55	\$ 142.29
24	- \$1,000	\$ 29,499	\$ 30,616	\$ 31,871	\$ 34,149	\$ 35,488
25						
26	Echo Wind Park					
27	- MW	112.0	112.0	112.0	112.0	112.0
28	- GWh	387.9	387.9	387.9	388.9	387.9
29	- \$/MWh	\$ 82.31	\$ 83.69	\$ 84.56	\$ 86.06	\$ 87.66
30	- \$1,000	\$ 31,926	\$ 32,459	\$ 32,797	\$ 33,471	\$ 33,999
31						
32	Brookfield Wind Park					
33	- MW	74.8	74.8	74.8	74.8	74.8
34	- GWh	250.4	250.4	250.4	251.1	250.4
35	- \$/MWh	\$ 82.31	\$ 83.69	\$ 84.56	\$ 86.06	\$ 87.66
36	- \$1,000	\$ 20,611	\$ 20,955	\$ 21,173	\$ 21,608	\$ 21,949
37						
38	Pinnebog Wind Park					
39	- MW	51.0	51.0	51.0	51.0	51.0
40	- GWh	170.4	170.4	170.4	170.9	170.4
41	- \$/MWh	\$ 82.80	\$ 85.33	\$ 86.98	\$ 88.69	\$ 90.41
42	- \$1,000	\$ 14,111	\$ 14,541	\$ 14,822	\$ 15,156	\$ 15,408
43						
44	Pine River Wind Park					
45	- MW	161.3	161.3	161.3	161.3	161.3
46	- GWh	392.4	392.4	392.4	393.4	392.4
47	- \$/MWh	\$ 86.71	\$ 88.28	\$ 90.02	\$ 92.68	\$ 94.55
48	- \$1,000	\$ 34,021	\$ 34,637	\$ 35,320	\$ 36,462	\$ 37,097
49						
50	Polaris Wind Park					
51	- MW	168.8	168.8	168.8	168.8	168.8
52	- GWh	465.8	465.8	465.8	467.1	465.8
53	- \$/MWh	\$ 93.48	\$ 94.56	\$ 96.55	\$ 98.16	\$ 99.88
54	- \$1,000	\$ 43,542	\$ 44,042	\$ 44,970	\$ 45,845	\$ 46,522
55						
56	Meridian					
57	- MW	224.9	224.9	224.9	224.9	224.9
58	- GWh	562.6	562.6	562.6	564.1	562.6
59	- \$/MWh	\$ 73.52	\$ 75.14	\$ 77.31	\$ 79.96	\$ 83.52
60	- \$1,000	\$ 41,359	\$ 42,271	\$ 43,492	\$ 45,106	\$ 46,986
61						
62	2028 IRP Build Wind					
63	- MW				140.0	140.0
64	- GWh				258.2	368.9
65	- \$/MWh				\$ 83.33	\$ 71.82
66	- \$1,000				\$ 21,516	\$ 26,498
67						
68	2029 IRP Build Wind					
69	- MW					140.0
70	- GWh					259.4
71	- \$/MWh					\$ 85.75
72	- \$1,000					\$ 22,243
73						
74	<b>Total Compliance Wind Build</b>					
75	- MW	1,005.6	1,005.6	1,005.6	1,145.6	1,285.6
76	- GWh	2,875.0	2,875.0	2,875.0	3,141.1	3,503.3
77	- \$/MWh	\$ 91.11	\$ 93.27	\$ 95.68	\$ 97.92	\$ 97.78
78	- \$1,000	261,929.7	268,156.2	275,073.6	307,561.0	342,564.8

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1	<b>Renewable Energy Compliance Build - Solar</b>					
2	DTE Solar Currents I					
3	- MW	13.1	13.1	13.1	13.1	13.1
4	- GWh	13.7	13.6	13.5	13.5	13.4
5	- \$/MWh	\$ 309.88	\$ 321.88	\$ 334.75	\$ 351.16	\$ 365.58
6	- \$1,000	\$ 4,240	\$ 4,382	\$ 4,535	\$ 4,746	\$ 4,903
7						
8	DTE Solar Currents II					
9	- MW	1.2	1.2	1.2	1.2	1.2
10	- GWh	1.3	1.3	1.3	1.3	1.3
11	- \$/MWh	\$ 82.31	\$ 83.69	\$ 84.56	\$ 86.06	\$ 87.66
12	- \$1,000	\$ 110	\$ 112	\$ 112	\$ 114	\$ 115
13						
14	Demille/Turrill/O'Shea Utility-Scale Solar					
15	- MW	50.3	50.3	50.3	50.3	50.3
16	- GWh	66.2	65.8	65.5	65.3	64.8
17	- \$/MWh	\$ 82.80	\$ 85.33	\$ 86.98	\$ 88.69	\$ 90.41
18	- \$1,000	\$ 5,478	\$ 5,617	\$ 5,696	\$ 5,796	\$ 5,863
19						
20	Ford Rooftop Solar Pilot					
21	- MW	0.8	0.8	0.8	0.8	0.8
22	- GWh	0.9	0.9	0.9	0.9	0.8
23	- \$/MWh	\$ 73.52	\$ 75.14	\$ 77.31	\$ 79.96	\$ 83.52
24	- \$1,000	\$ 63	\$ 64	\$ 66	\$ 68	\$ 71
25						
26	2024 Future Solar Pilot					
27	- MW	10.0	10.0	10.0	10.0	10.0
28	- GWh	19.8	19.7	19.6	19.5	19.4
29	- \$/MWh	\$ 64.59	\$ 66.41	\$ 68.00	\$ 69.79	\$ 71.82
30	- \$1,000	\$ 1,278	\$ 1,307	\$ 1,332	\$ 1,364	\$ 1,393
31						
32	Cedar Fields					
33	- MW		137.6	137.6	137.6	137.6
34	- GWh		171.4	276.6	274.5	
35	- \$/MWh	\$ 68.00	\$ 69.79	\$ 71.82		
36	- \$1,000	\$ 11,656	\$ 19,305	\$ 19,713		
37						
38	2027 IRP Build Solar					
39	- MW		507.0	507.0	507.0	
40	- GWh		925.4	989.7	982.1	
41	- \$/MWh	\$ 68.01	\$ 69.79	\$ 71.82		
42	- \$1,000	\$ 62,935	\$ 69,076	\$ 70,538		
43						
44	2028 IRP Build Solar					
45	- MW			280.0	280.0	
46	- GWh			515.8	548.7	
47	- \$/MWh	\$ 69.81	\$ 71.82			
48	- \$1,000	\$ 36,007	\$ 39,408			
49						
50	2029 IRP Build Solar					
51	- MW				560.0	
52	- GWh				1,035.5	
53	- \$/MWh	\$ 71.84				
54	- \$1,000	\$ 74,389				
55						
56	<b>Total Compliance Solar Build</b>					
57	- MW	75.3	75.3	719.9	999.9	1,559.9
58	- GWh	101.8	101.3	1,197.6	1,882.8	2,940.6
59	- \$/MWh	\$ 109.69	\$ 113.33	\$ 72.09	\$ 72.49	\$ 73.59
60	- \$1,000	\$ 11,169.4	\$ 11,482.3	\$ 86,332.3	\$ 136,475.7	\$ 216,392.1
61						
62						
63	<b>Total Compliance Build</b>					
64	- MW	1,081.0	1,081.0	1,725.6	2,145.6	2,845.6
65	- GWh	2,976.8	2,976.3	4,072.6	5,023.8	6,443.9
66	- \$/MWh	\$ 91.74	\$ 93.96	\$ 88.74	\$ 88.39	\$ 86.74
67	- \$1,000	\$ 273,099.1	\$ 279,638.5	\$ 361,405.9	\$ 444,036.7	\$ 558,956.9

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1	<b>Renewable Energy VGP PPA - Solar</b>					
2	Assembly - Ranger Power VGP					
3	- MW	79.0	79.0	79.0	79.0	79.0
4	- GWh	159.9	159.1	158.3	157.9	156.7
5	- \$/MWh	\$ 41.56	\$ 42.40	\$ 43.24	\$ 44.11	\$ 44.99
6	- \$1,000	\$ 6,644	\$ 6,745	\$ 6,844	\$ 6,966	\$ 7,050
7						
8	2027 Unapproved PPA VGP					
9	- MW			100.0	100.0	100.0
10	- GWh			182.5	195.2	193.7
11	- \$/MWh		\$ 68.00	\$ 69.79	\$ 71.82	
12	- \$1,000		\$ 12,411	\$ 13,624	\$ 13,913	
13						
14	2028 Unapproved PPA VGP					
15	- MW				166.0	166.0
16	- GWh				305.8	325.3
17	- \$/MWh			\$ 69.79	\$ 71.82	
18	- \$1,000			\$ 21,343	\$ 23,363	
19						
20	2029 Unapproved PPA VGP					
21	- MW					43.0
22	- GWh					79.5
23	- \$/MWh				\$ 71.82	
24	- \$1,000				\$ 5,711	
25						
26	<b>Total VGP PPA - Solar</b>					
27	- MW	79.0	79.0	179.0	345.0	388.0
28	- GWh	159.9	159.1	340.8	658.9	755.2
29	- \$/MWh	\$ 41.56	\$ 42.40	\$ 56.50	\$ 63.64	\$ 66.26
30	- \$1,000	\$ 6,644.4	\$ 6,744.8	\$ 19,254.8	\$ 41,933.1	\$ 50,037.0
31						
32						
33	<b>Renewable Energy Build VGP - Wind</b>					
34	Isabella I					
35	- MW	200.2	200.2	200.2	200.2	200.2
36	- GWh	451.1	451.1	451.1	452.3	451.1
37	- \$/MWh	\$ 50.61	\$ 50.61	\$ 50.61	\$ 50.61	\$ 50.61
38	- \$1,000	\$ 22,830	\$ 22,830	\$ 22,830	\$ 22,893	\$ 22,830
39						
40	Isabella II					
41	- MW	183.3	183.3	183.3	183.3	183.3
42	- GWh	413.0	413.0	413.0	414.1	413.0
43	- \$/MWh	\$ 50.61	\$ 50.61	\$ 50.61	\$ 50.61	\$ 50.61
44	- \$1,000	\$ 20,901	\$ 20,901	\$ 20,901	\$ 20,958	\$ 20,901
45						
46	Fairbanks					
47	- MW	72.5	72.5	72.5	72.5	72.5
48	- GWh	192.6	192.6	192.6	193.1	192.6
49	- \$/MWh	\$ 45.25	\$ 45.25	\$ 45.25	\$ 45.25	\$ 45.25
50	- \$1,000	\$ 8,713	\$ 8,713	\$ 8,713	\$ 8,737	\$ 8,713
51						
52	Big Turtle II					
53	- MW	29.4	29.4	29.4	29.4	29.4
54	- GWh	94.5	94.5	103.0	103.0	103.0
55	- \$/MWh	\$ 49.82	\$ 49.82	\$ 49.87	\$ 49.87	\$ 49.87
56	- \$1,000	\$ 4,706	\$ 4,706	\$ 5,138	\$ 5,138	\$ 5,138
57						
58	<b>Total VGP Wind Build</b>					
59	- MW	485.4	485.4	485.4	485.4	485.4
60	- GWh	1,151.1	1,151.1	1,159.7	1,162.6	1,159.7
61	- \$/MWh	\$ 49.65	\$ 49.65	\$ 49.65	\$ 49.65	\$ 49.65
62	- \$1,000	\$ 57,149.9	\$ 57,149.9	\$ 57,582.2	\$ 57,725.8	\$ 57,582.2

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Line No.	(a) Description	(b) 2025	(c) 2026	(d) 2027	(e) 2028	(f) 2029
1	<b>Renewable Energy Build VGP - Solar</b>					
2	Gratiot Solar					
3	- MW		50.0	50.0	50.0	50.0
4	- GWh		92.3	94.5	94.6	94.6
5	- \$/MWh	\$ 70.29	\$ 72.10	\$ 74.15	\$ 75.61	
6	- \$1,000	\$ 6,490	\$ 6,817	\$ 7,013	\$ 7,153	
7						
8	Pine River Solar					
9	- MW	80.0	80.0	80.0	80.0	80.0
10	- GWh	152.3	152.4	152.4	152.4	152.5
11	- \$/MWh	\$ 65.54	\$ 65.54	\$ 65.54	\$ 65.54	65.54
12	- \$1,000	\$ 9,984	\$ 9,986	\$ 9,989	\$ 9,990	9,993
13						
14	Polaris Solar					
15	- MW	100.0	100.0	100.0	100.0	100.0
16	- GWh	173.5	186.1	186.1	186.1	186.2
17	- \$/MWh	\$ 63.73	\$ 63.73	\$ 63.73	\$ 63.73	63.73
18	- \$1,000	\$ 11,058	\$ 11,858	\$ 11,860	\$ 11,863	11,865
19						
20	Sauk Solar					
21	- MW	150.0	150.0	150.0	150.0	150.0
22	- GWh	307.9	306.3	304.8	304.1	301.8
23	- \$/MWh	\$ 54.43	\$ 54.43	\$ 54.43	\$ 54.43	54.43
24	- \$1,000	\$ 16,757	\$ 16,674	\$ 16,590	\$ 16,552	16,425
25						
26	Wheeler Center - Customer Requested					
27	- MW	16.0	16.0	16.0	16.0	16.0
28	- GWh	27.6	27.4	27.3	27.2	27.0
29	- \$/MWh	\$ 64.59	\$ 66.41	\$ 68.00	\$ 69.79	71.82
30	- \$1,000	\$ 1,780	\$ 1,821	\$ 1,855	\$ 1,900	1,940
31						
32	Ford I - 2024 - Customer Requested - Pt 1					
33	- MW			198.0	198.0	198.0
34	- GWh			396.4	424.0	420.7
35	- \$/MWh			\$ 58.09	\$ 58.09	58.09
36	- \$1,000			\$ 23,029	\$ 24,630	24,440
37						
38	Ford I - 2024 - Customer Requested - Pt 2					
39	- MW		100.0	100.0	100.0	100.0
40	- GWh		98.8	198.3	197.8	196.3
41	- \$/MWh	\$ 64.95	\$ 64.95	\$ 64.95	\$ 64.95	64.95
42	- \$1,000	\$ 6,417	\$ 12,879	\$ 12,849	\$ 12,750	
43						
44	Ford II - 2025 - Customer Requested - Pt 1					
45	- MW		125.0	125.0	125.0	125.0
46	- GWh		71.6	274.6	273.9	271.8
47	- \$/MWh	\$ 58.83	\$ 58.83	\$ 58.83	\$ 58.83	58.83
48	- \$1,000	\$ 4,211	\$ 16,152	\$ 16,116	\$ 15,991	
49						
50	Ford II - 2025 - Customer Requested - Pt 2					
51	- MW			200.0	200.0	200.0
52	- GWh			424.4	454.0	450.5
53	- \$/MWh	\$ 59.81	\$ 59.81	\$ 59.81	\$ 59.81	
54	- \$1,000	\$ 25,387	\$ 27,153	\$ 27,153	\$ 26,943	
55						
56	2027 Project 1 - Customer Requested					
57	- MW				200.0	200.0
58	- GWh				244.3	392.0
59	- \$/MWh				\$ 62.00	62.00
60	- \$1,000				\$ 15,143	24,302
61						
62	Unnamed - 2025 - Customer Requested					
63	- MW		165.0	165.0	165.0	
64	- GWh		349.8	349.0	346.3	
65	- \$/MWh	\$ 62.91	\$ 62.91	\$ 62.91	\$ 62.91	
66	- \$1,000	\$ 22,003	\$ 21,953	\$ 21,953	\$ 21,784	
67						
68	Unknown Approved - Unnamed - Customer Requested					
69	- MW		119.0	119.0	119.0	
70	- GWh		232.9	232.4	230.6	
71	- \$/MWh	\$ 65.67	\$ 65.67	\$ 65.67	\$ 65.67	
72	- \$1,000	\$ 15,293	\$ 15,258	\$ 15,258	\$ 15,140	
73						
74	2028 Project 1 - Customer Requested					
75	- MW				200.0	
76	- GWh					396.5
77	- \$/MWh					\$ 59.80
78	- \$1,000					\$ 23,713
79						
80	Fish Creek					
81	- MW		132.0	132.0	132.0	132.0
82	- GWh		239.3	255.3	254.7	252.7
83	- \$/MWh	\$ 67.60	\$ 67.61	\$ 67.61	\$ 67.61	
84	- \$1,000	\$ 16,179	\$ 17,259	\$ 17,219	\$ 17,086	
85						
86	Mission Rd					
87	- MW		158.0	158.0	158.0	158.0
88	- GWh		286.1	305.2	304.5	302.1
89	- \$/MWh	\$ 62.48	\$ 62.48	\$ 62.48	\$ 62.48	
90	- \$1,000	\$ 17,877	\$ 19,068	\$ 19,024	\$ 18,877	

**Michigan Public Service Commission  
DTE Electric Company  
Purchased Power, Sales, and Expense  
Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-6  
Witness: C. A. Bevins  
Page: 8 of 8

Line No.	(a) <b>Description</b>	(b) <b>2025</b>	(c) <b>2026</b>	(d) <b>2027</b>	(e) <b>2028</b>	(f) <b>2029</b>
1	Little Trout					
2	- MW		150.0	150.0	150.0	150.0
3	- GWh		24.2	290.5	289.9	287.6
4	- \$/MWh	\$ 65.38	\$ 65.38	\$ 65.38	\$ 65.38	\$ 65.38
5	- \$1,000	\$ 1,581	\$ 18,994	\$ 18,950	\$ 18,804	
6						
7	2027 Unapproved - VGP					
8	- MW			200.0	200.0	200.0
9	- GWh			365.0	390.4	387.4
10	- \$/MWh		\$ 68.01	\$ 69.79	\$ 71.82	
11	- \$1,000		\$ 24,826	\$ 27,249	\$ 27,826	
12						
13	2028 Unapproved - VGP					
14	- MW				334.0	334.0
15	- GWh				615.3	654.5
16	- \$/MWh			\$ 69.81	\$ 71.48	
17	- \$1,000			\$ 42,951	\$ 46,787	
18						
19	2029 Unapproved - VGP					
20	- MW					87.0
21	- GWh					160.9
22	- \$/MWh				\$ 71.84	
23	- \$1,000				\$ 11,557	
24						
25	<b>Total VGP Solar Build</b>					
26	- MW	346.0	1,061.0	1,943.0	2,477.0	2,764.0
27	- GWh	661.3	1,484.5	3,857.5	4,794.6	5,512.0
28	- \$/MWh	\$ 59.85	\$ 62.71	\$ 62.73	\$ 63.78	\$ 64.11
29	- \$1,000	\$ 39,579.0	\$ 93,093.8	\$ 241,999.8	\$ 305,815.3	\$ 353,375.6
30						
31	<b>Total VGP</b>					
32	- MW	910.4	1,625.4	2,607.4	3,307.4	3,637.4
33	- GWh	1,972.2	2,794.7	5,358.0	6,616.1	7,426.9
34	- \$/MWh	\$ 52.41	\$ 56.17	\$ 59.51	\$ 61.29	\$ 62.07
35	- \$1,000	\$ 103,373.3	\$ 156,988.5	\$ 318,836.7	\$ 405,474.2	\$ 460,994.7
36						
37	<b>Total VGP Sales</b>					
38	- MW	(910.4)	(1,625.4)	(2,607.4)	(3,307.4)	(3,637.4)
39	- GWh	(1,972.2)	(2,794.7)	(5,358.0)	(6,616.1)	(7,426.9)
40	- \$/MWh	\$ (52.41)	\$ (56.17)	\$ (59.51)	\$ (61.29)	\$ (62.07)
41	- \$1,000	\$ (103,373.3)	\$ (156,988.5)	\$ (318,836.7)	\$ (405,474.2)	\$ (460,994.7)
42						
43	<b>Renewable VGP Adjustment</b>					
44	- \$1,000	\$ (103,373)	\$ (156,989)	\$ (318,837)	\$ (405,474)	\$ (460,995)

**Michigan Public Service Commission  
DTE Electric Company  
NO<sub>x</sub> Ozone Season Emission Allowance Projections  
Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-7  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	(a)  Description		(b)	(c)	(d)	(e)	(f)
			2025	2026	2027	2028	2029
1	Beginning Balance of Allowances	Allowances	0	-	18	1,567	3,010
2							
3	DECo Annual Allocation From EPA (Excluding MPPA)	Allowances	4,694	4,694	4,694	4,694	4,694
4							
5	Purchase of Allowances	Allowances	1,002	-	-	-	-
6							
7	Sale of Allowances	Allowances	-	-	-	-	-
8							
9	Total Allowances Available	Allowances	5,696	4,694	4,712	6,261	7,704
10							
11	Expected Allowances to be Consumed	Allowances	(5,696)	(4,676)	(3,146)	(3,250)	(2,369)
12							
13	Ending Balance	Allowances	-	18	1,567	3,010	5,336
14							
15							
16	Beginning Balance of Allowances	\$	\$	-	\$	-	\$
17							
18	DECo Annual Allocation From EPA (Excluding MPPA)	\$	\$	-	\$	-	\$
19							
20	Purchase of Allowances	\$	\$	1,369,357	\$	-	\$
21							
22	Sale of Allowances	\$	\$	-	\$	-	\$
23							
24	Total Allowances Available	\$	\$	1,369,357	\$	-	\$
25							
26	Expected Allowances to be Consumed	\$	\$	(1,369,357)	\$	-	\$
27							
28	Ending Balance NOx Allowances Asset Account	\$	\$	-	\$	-	\$
29							
30	Total PSCR Expense	\$	\$	1,369,357	\$	-	\$
31							
32	Average Cost of Consumed Allowances	\$/Allowance	\$	240.42	\$	-	\$

**Michigan Public Service Commission  
DTE Electric Company  
NO<sub>x</sub> Annual Emission Allowance Projections  
Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-8  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
		Allowances	2025	2026	2027	2028	2029
1	Beginning Balance of Allowances	Allowances	49,135	66,052	85,572	108,281	130,677
2							
3	DECo Annual Allocation From EPA (Excluding MPPA)	Allowances	28,788	28,788	28,788	28,788	28,788
4							
5	Purchase of Allowances	Allowances	-	-	-	-	-
6							
7	Sale of Allowances	Allowances	-	-	-	-	-
8							
9	Total Allowances Available	Allowances	77,923	94,840	114,360	137,069	159,465
10							
11	Expected Allowances to be Consumed	Allowances	(11,872)	(9,268)	(6,079)	(6,392)	(3,921)
12							
13	Ending Balance	Allowances	66,052	85,572	108,281	130,677	155,545
14							
15							
16	Beginning Balance of Allowances	\$	\$	-	\$	-	\$
17							
18	DECo Annual Allocation From EPA (Excluding MPPA)	\$	\$	-	\$	-	\$
19							
20	Purchase of Allowances	\$	\$	-	\$	-	\$
21							
22	Sale of Allowances	\$	\$	-	\$	-	\$
23							
24	Total Allowances Available	\$	\$	-	\$	-	\$
25							
26	Expected Allowances to be Consumed	\$	\$	-	\$	-	\$
27							
28	Ending Balance NOx Allowances Asset Account	\$	\$	-	\$	-	\$
29							
30	Total PSCR Expense	\$	\$	-	\$	-	\$
31							
32	Average Cost of Consumed Allowances	\$/Allowance	\$	-	\$	-	\$

**Michigan Public Service Commission**  
**DTE Electric Company**  
**SO<sub>2</sub> Emission Allowance Projections (Cross-State Air Pollution Rule)**  
**Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-9  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	(a)  <b>Description</b>	(b)	(c)	(d)	(e)	(f)
		<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
1	Beginning Balance of Allowances	Allowances	1,532,840	1,766,034	2,018,398	2,286,729
2						2,554,848
3	DECo Annual Allocation From EPA (Excluding MPPA)	Allowances	274,691	274,691	274,691	274,691
4						274,691
5	Purchase of Allowances	Allowances	-	-	-	-
6						
7	Total Available Allowances	Allowances	1,807,531	2,040,725	2,293,089	2,561,420
8						2,829,539
9	Sale of Excess Allowances	Allowances	-	-	-	-
10						
11	Expected Allowances to be Consumed	Allowances	(41,497)	(22,327)	(6,360)	(6,572)
12						(3,414)
13	Ending Balance	Allowances	1,766,034	2,018,398	2,286,729	2,554,848
14						2,826,125
15						
16	Beginning Balance of Allowances	\$	-	-	-	-
17						
18	DECo Annual Allocation From EPA (Excluding MPPA)	\$	-	-	-	-
19						
20	Purchase of Allowances	\$	-	-	-	-
21						
22	Total Available Allowance	\$	-	-	-	-
23						
24	Sale of Excess Allowances	\$	-	-	-	-
25						
26	Expected Allowances to be Consumed	\$	-	-	-	-
27						
28	Total PSCR Expense	\$	-	-	-	-
29						
30	Ending Balance SO <sub>2</sub> Allowances Asset Account	\$	-	-	-	-
31						
32						
33	Average Cost of Consumed Allowances	\$/Allowance	\$ -	\$ -	\$ -	\$ -

**Michigan Public Service Commission  
DTE Electric Company  
SO<sub>2</sub> Emission Allowance Projections (Acid Rain Program)  
Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-10  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	(a)  <b>Description</b>	(b)	(c)	(d)	(e)	(f)
		<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
1	Beginning Balance of Allowances	Allowances	1,185,542	1,367,450	1,558,943	1,758,421
2						1,957,792
3	DECo Annual Allocation From EPA (Excluding MPPA)	Allowances	202,657	202,657	202,657	202,657
4						
5	Purchase of Allowances	Allowances	-	-	-	-
6						
7	Total Available Allowances	Allowances	1,388,199	1,570,107	1,761,600	1,961,078
8						2,160,449
9	Sale of Excess Allowances	Allowances	-	-	-	-
10						
11	Expected Allowances to be Consumed	Allowances	(20,748)	(11,164)	(3,180)	(3,286)
12						(1,707)
13	Ending Balance	Allowances	1,367,450	1,558,943	1,758,421	1,957,792
14						2,158,742
15						
16	Beginning Balance of Allowances	\$	208,124	205,013	203,555	203,188
17						202,848
18	DECo Annual Allocation From EPA (Excluding MPPA)	\$	-	-	-	-
19						
20	Purchase of Allowances	\$	-	-	-	-
21						
22	Total Available Allowance	\$	208,124	205,013	203,555	203,188
23						202,848
24	Sale of Excess Allowances	\$	-	-	-	-
25						
26	Expected Allowances to be Consumed	\$	(3,111)	(1,458)	(367)	(340)
27						(160)
28	Total PSCR Expense	\$	3,111	1,458	367	340
29						160
30	Ending Balance SO <sub>2</sub> Allowances Asset Account	\$	205,013	203,555	203,188	202,848
31						202,687
32						
33	Average Cost of Consumed Allowances	\$/Allowance	\$ 0.15	\$ 0.13	\$ 0.12	\$ 0.10
						\$ 0.09

**Michigan Public Service Commission  
DTE Electric Company  
Forecast of Plant Generation  
Years 2025 - 2029  
(GWh)**

Case No.: U-21594  
Exhibit: A-11  
Witness: C. A. Bevins  
Page: 1 of 1

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Plant	2025	2026	2027	2028	2029
1	Belle River <sup>(1)</sup>	GWh	5,277	3,261	909	1,019
2						1,154
3	Blue Water	GWh	8,577	7,277	8,488	8,483
4						8,417
5	Dearborn	GWh	245	245	245	243
6						240
7	Fermi 2	GWh	9,042	7,920	9,042	8,070
8						9,042
9	Greenwood	GWh	694	713	466	488
10						550
11	Monroe	GWh	15,192	15,424	15,469	16,044
12						8,315
13	Peakers	GWh	1,526	1,739	688	909
14						965
15	Total System	GWh	40,554	36,580	35,308	35,258
16						28,683
17	Ludington Generation <sup>(1)</sup>	GWh	1,773	1,565	1,556	1,334
18	Ludington Pumping <sup>(1)</sup>	GWh	2,379	2,079	2,077	1,775
19	Ludington Losses <sup>(1)</sup>	GWh	(606)	(513)	(520)	(442)
20						(444)
21	Storage Generation	GWh	20	207	439	868
22	Storage Charging	GWh	24	241	512	1,017
23	Storage Losses	GWh	(4)	(34)	(73)	(149)
						(190)

## 24 (1) DTE Electric Ownership Share.

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Urea, Limestone, Powder Activated Carbon,**  
**Ammonia, and Potassium Iodide Expense Projections**  
**Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-12  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	Description	(a)	(b)	(c)	(d)	(e)	(f)
			2025	2026	2027	2028	2029
1	<b><u>Urea</u></b>						
2	Cost of Delivered Liquid Urea (70% concentrate)	\$/Ton	505.08	515.18	525.49	536.00	546.72
3	70% Urea Required	Tons	29,317	29,764	29,851	30,960	16,044
4	Urea Expense	\$	<b><u>\$ 14,807,306</u></b>	<b><u>\$ 15,334,066</u></b>	<b><u>\$ 15,686,123</u></b>	<b><u>\$ 16,594,693</u></b>	<b><u>\$ 8,771,749</u></b>
5							
6	<b><u>Limestone</u></b>						
7	Cost of Delivered Limestone	\$/Ton	20.25	20.87	21.57	22.36	23.19
8	Limestone Required	Tons	313,380	315,873	313,703	324,153	168,374
9	Limestone Expense	\$	<b><u>\$ 6,345,944</u></b>	<b><u>\$ 6,591,638</u></b>	<b><u>\$ 6,768,065</u></b>	<b><u>\$ 7,248,355</u></b>	<b><u>\$ 3,904,150</u></b>
10							
11	<b><u>Powdered Activated Carbon (PAC)</u></b>						
12	Cost of Delivered Brominated PAC	\$/lb	1.49	1.57	0.00	0.00	0.00
13	Brominated PAC Required	lb	1,707,178	773,518	0	0	0
14	Brominated PAC Expense	\$	<b><u>\$ 2,550,009</u></b>	<b><u>\$ 1,215,367</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>	<b><u>\$ -</u></b>
15							
16	<b><u>Ammonia</u></b>						
17	Cost of Delivered Ammonia	\$/lb	0.24	0.25	0.25	0.26	0.26
18	Ammonia Required	lb	10,308,132	8,745,573	10,201,177	10,195,501	10,115,835
19	Ammonia Expense	\$	<b><u>\$ 2,477,168</u></b>	<b><u>\$ 2,143,699</u></b>	<b><u>\$ 2,550,505</u></b>	<b><u>\$ 2,600,067</u></b>	<b><u>\$ 2,631,345</u></b>
20							
21	<b><u>Potassium Iodide (KI)</u></b>						
22	Cost of Delivered KI	\$/lb	18.36	18.73	19.10	19.48	19.87
23	KI Required	lb	147,393	149,643	150,077	155,657	80,665
24	KI Expense	\$	<b><u>\$ 2,706,132</u></b>	<b><u>\$ 2,802,400</u></b>	<b><u>\$ 2,866,741</u></b>	<b><u>\$ 3,032,788</u></b>	<b><u>\$ 1,603,094</u></b>

**Michigan Public Service Commission  
DTE Electric Company  
Forecast of Plant Net Demonstrated Capacity (NDC)  
Years 2024 - 2029  
(MW)**

Case No.: U-21594  
Exhibit: A-13  
Witness: C. A. Bevins  
Page: 1 of 1

Line No.	Plant	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		2024	2025	2026	2027	2028	2029	
1	Belle River <sup>(1)</sup>	1,034	1,034	1,034	1,034	1,034	1,034	1,034
2								
3	Blue Water	1,170	1,170	1,170	1,170	1,170	1,170	1,170
4								
5	Dearborn	34	34	34	34	34	34	34
6								
7	Fermi 2	1,161	1,161	1,161	1,161	1,161	1,161	1,161
8								
9	Greenwood	785	785	785	785	785	785	785
10								
11	Monroe	3,066	3,066	3,066	3,066	3,066	3,066	1,531
12								
13	Peakers	2,332	2,294	2,294	2,294	2,294	2,294	2,294
14								
15	Wind	1,491	1,491	1,491	1,491	1,631	1,771	
16								
17	Solar	75	421	1,136	2,663	3,477	4,324	
18								
19	Storage Resources	14	14	234	234	509	509	
20								
21	Ludington Generation	1,122	1,122	1,122	1,122	1,122	1,122	
22								
23	Totals	12,284	12,592	13,527	15,054	16,283	15,735	
24								
25	(1) DTE Electric Ownership Share							

**Michigan Public Service Commission  
DTE Electric Company  
Fuel Expense Forecast  
Years 2025 - 2029**

Case No.: U-21594  
Exhibit: A-14  
Witness: D. Swiech  
Page: 1 of 1

Line No.	(a) Description	(b) 2025	(c) 2026	(d) 2027	(e) 2028	(f) 2029
1	<u>Coal*</u>					
2	MBtu (000)	189,182	160,178	134,678	139,644	72,413
3	¢/MBtu	252	253	260	267	272
4	\$ (000)	476,167	405,082	349,546	373,231	197,109
5						
6	<u>No.2 Oil*</u>					
7	MBtu (000)	473	433	360	366	168
8	¢/MBtu	1,777	1,713	1,667	1,637	1,619
9	\$ (000)	8,412	7,411	5,992	5,997	2,717
10						
11	<u>Natural Gas*</u>					
12	MBtu (000)	84,299	87,915	81,539	85,271	87,413
13	¢/MBtu	356	438	542	594	640
14	\$ (000)	300,461	385,468	442,143	506,687	559,124
15						
16	<u>Petroleum Coke</u>					
17	MBtu (000)	20,798	20,963	20,875	21,576	11,169
18	¢/MBtu	263	271	304	319	327
19	\$ (000)	54,669	56,910	63,511	68,758	36,530
20						
21	<u>Total Fossil</u>					
22	MBtu (000)	294,752	269,488	237,452	246,857	171,163
23	¢/MBtu	285	317	363	387	465
24	\$ (000)	839,709	854,870	861,192	954,673	795,480
25						
26	<u>Nuclear Fuel</u>					
27	MBtu (000)	92,450	80,977	92,450	82,512	92,450
28	¢/MBtu	64	69	71	87	93
29	\$ (000)	59,566	56,147	65,675	71,684	85,686
30						
31	<u>All Fuels (including Steam)</u>					
32	MBtu (000)	387,202	350,465	329,902	329,369	263,613
33	¢/MBtu	232	260	281	312	334
34	\$ (000)	899,275	911,017	926,867	1,026,357	881,166
35						
36	<u>Fuel Expense for Steam Sales</u>					
37	\$ (000)	(3,405)	(3,937)	(4,609)	(5,293)	(5,876)
38						
39	<u>Electric Generation Fuel Expense (excluding Steam)</u>					
40	\$ (000)	895,870	907,080	922,258	1,021,064	875,291
41						
42	* - Excludes MPPA's portion of Belle River					

**Michigan Public Service Commission  
DTE Electric Company  
Long-Term Coal Contracts<sup>1</sup>  
2025 Plan Year**

Case No.: U-21594  
Exhibit: A-15  
Witness: D. Swiech  
Page: 1 of 1

Line No.	Contract Number	Tonnage (000's)	Cents/Mbtu	Term		Fuel Type
				Begin	End	
1	F165	22	72	9/9/2019	12/31/2025	LSW
2	F167	0	82	1/1/2018	12/31/2030	LSW
3	F168	100	88	1/1/2022	12/31/2025	LSW
4	F169	121	91	1/1/2022	12/31/2025	LSW
5	F170	75	81	1/1/2022	12/31/2024	LSW
6	F171	1,000	88	4/1/2022	12/31/2025	LSW
7	F172	250	254	10/20/2022	12/31/2026	HSE
8	F174	3,000	82	1/1/2024	12/31/2026	LSW
9	F175	250	84	1/1/2025	12/31/2026	LSW
10	F176	0	84	1/1/2026	12/31/2027	LSW
11	F177	0	79	1/1/2025	12/31/2027	LSW
12						
13						

14     1 - Term is greater than one year

15     Column (a) - Company specified contract number

16     Column (b) - the minimum tonnage contracted to purchase in the 2025 PSCR plan year

17     Column (c) - cost of coal in cents per Mbtu

18     Column (d) - the beginning and ending dates of the contract

19     Column (e) - fuel type (LSW = Low Sulfur Western, HSE = High Sulfur Eastern)

**Michigan Public Service Commission  
DTE Electric Company  
MISO Transmission Expense Projections  
Years 2025 – 2029  
(\$000)**

Case No.: U-21259  
Exhibit: A-16  
Witness: K. Gavin  
Page: 1 of 1

Line No.	(a) <b>BASE TRANSMISSION COSTS</b>	(b) <b>2025</b>	(c) <b>2026</b>	(d) <b>2027</b>	(e) <b>2028</b>	(f) <b>2029</b>
1	MISO Network Transmission					
2	Schedule 1	3,534	3,606	3,688	3,764	3,849
3	Schedule 9 (ITC Zone)	388,213	413,045	435,312	456,267	479,277
4						
5	MISO Schedule 2 Net Cost	-	-	-	-	-
6						
7	MISO Schedule 10	13,678	14,039	14,504	14,926	15,372
8						
9	MISO Schedule 10 - FERC Transmission	5,251	5,229	5,244	5,220	5,220
10						
11	Network Upgrade Charges:					
12	Schedule 26	22,193	24,027	24,833	24,424	23,966
13	Schedule 26-A	74,799	84,494	97,095	120,633	154,316
14						
15	MISO Schedule 26-C	71	71	71	71	71
16						
17	<b>Total Base Transmission</b>	<b>507,739</b>	<b>544,513</b>	<b>580,746</b>	<b>625,305</b>	<b>682,070</b>

**Michigan Public Service Commission  
DTE Electric Company  
Nuclear Fuel Expense Forecast  
Years 2025 – 2029  
(\$000)**

Case No.: U-21425  
Exhibit: A-17  
Witness: J. D. Wines  
Page: 1 of 1

Line No.	Year	(a)	(b)	(c)	(d)	(e)	(f)	(g)
		GWHR	Fuel Amort	Regulatory Cost	Nuclear Fuel Expense	\$/MWhr	Cents/ MBtu	
1	2025	9,042	59,566	0	59,566	6.59	64.4	
2	2026	7,920	56,147	0	56,147	7.09	69.3	
3	2027	9,042	65,675	0	65,675	7.26	71.0	
4	2028	8,070	71,684	0	71,684	8.88	86.9	
5	2029	9,042	85,686	0	85,686	9.48	92.7	

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Service Area Annual Electric Sales, Output, and Demand**  
**Historical: 2019-2023**  
**Forecast: 2024-2029**

Case No.: U-21594  
 Exhibit: A-18  
 Witness: F. J. Sirwaitis  
 Page: 1 of 1

Line No.	Year	Annual Electric Sales (Million kWh)					<u>Net System Output (Million kWh)</u>	<u>Peak Demand (MW)</u>
		<u>Residential</u>	<u>Small C&amp;I</u>	<u>Large C&amp;I</u>	<u>Other</u>	<u>Total</u>		
1	2019	15,066	10,948	20,382	226	46,623	50,116	10,630
2	2020	16,316	10,086	17,759	220	44,381	47,851	11,005
3	2021	16,387	10,768	18,469	216	45,839	49,380	10,992
4	2022	15,844	10,848	18,481	210	45,383	48,985	10,933
5	2023	14,452	10,559	18,271	204	43,485	46,894	10,340
6	2024	15,302	10,830	18,488	197	44,817	48,107	10,940
7	2025	15,411	10,816	18,271	193	44,691	47,875	10,861
8	2026	15,457	10,821	18,082	192	44,551	47,733	10,809
9	2027	15,550	10,826	18,100	191	44,667	47,859	10,791
10	2028	15,699	10,877	18,043	190	44,811	48,019	10,773
11	2029	15,795	10,897	17,997	192	44,882	48,099	10,707

\* 2024 Sales and NSO are 7 Months Historical & 5 Months Forecast. Peak Demand is Forecast

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Monthly Distribution of Service Area Electric Sales, Output, and Peak Demand**  
**Forecast: 2024-2029**

Case No.: U-21594  
Exhibit: A-19  
Witness: F. J. Sirwaitis  
Page: 1 of 1

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Line	<u>Electric Sales (Million kWh)</u>												
No.	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2024	3,793	3,346	3,462	3,263	3,661	4,132	4,503	4,417	3,729	3,462	3,388	3,662
2	2025	3,798	3,414	3,526	3,254	3,518	3,997	4,553	4,437	3,717	3,452	3,368	3,656
3	2026	3,780	3,405	3,524	3,244	3,500	3,992	4,534	4,421	3,706	3,438	3,358	3,648
4	2027	3,786	3,411	3,532	3,253	3,508	3,999	4,540	4,431	3,718	3,451	3,373	3,665
5	2028	3,797	3,496	3,541	3,259	3,517	4,003	4,540	4,434	3,722	3,457	3,377	3,667
6	2029	3,809	3,430	3,553	3,273	3,530	4,013	4,549	4,445	3,735	3,474	3,392	3,680
7													
8													
9													
10	<u>Net System Output (Million kWh)</u>												
11	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
12													
13	2024	4,082	3,621	3,699	3,511	3,910	4,453	4,851	4,772	3,986	3,682	3,619	3,921
14	2025	4,076	3,658	3,760	3,464	3,739	4,303	4,922	4,795	3,974	3,672	3,599	3,914
15	2026	4,058	3,649	3,758	3,454	3,720	4,298	4,903	4,779	3,962	3,658	3,589	3,906
16	2027	4,064	3,655	3,766	3,463	3,729	4,306	4,909	4,789	3,975	3,672	3,605	3,924
17	2028	4,077	3,748	3,777	3,471	3,739	4,311	4,910	4,793	3,980	3,678	3,610	3,927
18	2029	4,090	3,676	3,790	3,485	3,753	4,321	4,920	4,805	3,994	3,697	3,627	3,941
19													
20													
21													
22	<u>Peak Demand (MW)</u>												
23	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
24													
25	2024	6,803	6,166	6,058	6,428	8,808	10,379	10,281	10,554	10,069	6,612	6,180	6,665
26	2025	6,722	6,518	6,028	6,016	8,836	10,696	10,861	10,653	9,988	6,594	6,165	6,618
27	2026	6,718	6,509	5,979	5,995	8,833	10,615	10,809	10,571	9,951	6,583	6,139	6,557
28	2027	6,749	6,521	5,969	5,973	8,817	10,602	10,791	10,556	9,931	6,621	6,151	6,568
29	2028	6,750	6,473	5,981	6,040	8,709	10,562	10,773	10,491	9,910	6,578	6,154	6,620
30	2029	6,755	6,573	6,044	6,008	8,666	10,567	10,707	10,464	9,887	6,548	6,180	6,708

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Bundled Annual Electric Sales, Output, and Demand**  
**Historical: 2019-2023**  
**Forecast: 2024-2029**

Case No.: U-21594  
Exhibit: A-20  
Witness: F. J. Sirwaitis  
Page: 1 of 1

Line No.	Year	Annual Electric Sales (Million kWh)					Net System Output (Million kWh)	Coincident Peak Demand * (MW)
		Residential	Small C&I	Large C&I	Other	Total		
1	2019	15,066	10,083	16,698	226	42,073	44,940	9,840
2	2020	16,315	9,329	14,765	220	40,629	43,196	10,337
3	2021	16,386	9,938	14,943	216	41,482	44,580	10,186
4	2022	15,844	10,014	14,830	210	40,898	43,990	10,182
5	2023	14,452	9,766	14,701	204	39,122	42,077	9,573
6	2024	15,302	10,019	14,880	197	40,398	43,414	10,196
7	2025	15,411	9,993	14,603	193	40,200	43,158	10,106
8	2026	15,457	10,002	14,431	192	40,082	43,039	10,058
9	2027	15,550	10,010	14,461	191	40,212	43,180	10,038
10	2028	15,699	10,059	14,395	190	40,344	43,328	10,016
11	2029	15,795	10,076	14,337	192	40,401	43,392	9,948

\* Coincident with the Service Area Peak Demand

**Michigan Public Service Commission  
DTE Electric Company  
Electric Choice Annual Sales**  
**Historical: 2019-2023**  
**Forecast: 2024-2029**

Case No.: U-21594  
Exhibit: A-21  
Witness: F. J. Sirwaitis  
Page: 1 of 1

**Annual Electric Sales (Million kWh)**

<b>Line No.</b>	<b>(a) Year</b>	<b>(b) Residential</b>	<b>(c) Small C&amp;I</b>	<b>(d) Large C&amp;I</b>	<b>(e) Other</b>	<b>(f) Total</b>
1	2019	1	866	3,684	0	4,550
2	2020	1	757	2,994	0	3,751
3	2021	1	830	3,526	0	4,357
4	2022	0	834	3,651	0	4,486
5	2023	0	793	3,569	0	4,363
6	2024	0	811	3,608	0	4,419
7	2025	0	823	3,668	0	4,491
8	2026	0	819	3,650	0	4,469
9	2027	0	816	3,639	0	4,455
10	2028	0	818	3,648	0	4,467
11	2029	0	821	3,660	0	4,481

**Michigan Public Service Commission**  
**DTE Electric Company**  
**Weather-Normalized Annual Sales**  
**Historical: 2019-2023**  
**Forecast: 2024**

Case No.: U-21594  
 Exhibit: A-22  
 Witness: F. J. Sirwaitis  
 Page: 1 of 1

		(a)	(b)	(c)	(d)	(e)	(f)	
Line		<u>Weather-Nominalized Annual Electric Sales (Million kWh)</u>						Peak Demand (MW) <sup>1</sup>
No.	Year	Residential	Small C&I	Large C&I	Other	Total		
1								
2	Service Area							
3								
4	2019	15,088	10,955	20,408	226	46,678	11,145	
5	2020	16,211	10,169	17,808	220	44,408	11,246	
6	2021	16,188	10,704	18,389	216	45,496	11,358	
7	2022	15,664	10,784	18,426	210	45,084	10,959	
8	2023	15,271	10,776	18,399	204	44,649	10,853	
9								
10	2024	15,371	10,846	18,452	197	44,866	10,940	
11								
12								
13	Bundled							
14								
15	2019	15,088	10,090	16,718	226	42,122	10,355	
16	2020	16,210	9,407	14,803	220	40,641	10,578	
17	2021	16,187	9,879	14,876	216	41,158	10,552	
18	2022	15,664	9,955	14,784	210	40,613	10,207	
19	2023	15,271	9,970	14,809	204	40,253	10,086	
20								
21	2024	15,370	10,034	14,853	197	40,455	10,196	
22								
23								
24	Electric Choice							
25								
26	2019	1	866	3,690	0	4,556	790	
27	2020	1	762	3,005	0	3,767	668	
28	2021	1	825	3,513	0	4,339	806	
29	2022	0	829	3,642	0	4,472	752	
30	2023	0	806	3,589	0	4,396	767	
31								
32	2024	0	812	3,599	0	4,411	744	

<sup>1)</sup> Peak demand is temperature normalized, Electric Choice is coincident with bundled

**Michigan Public Service Commission  
DTE Electric Company  
Annual Customer Counts - Historical and Forecast  
(Average Number of Customers)**

Case No.: U-21594  
Exhibit: A-23  
Witness: F. J. Sirwaitis  
Page: 1 of 1

Line No.	<u>Description</u>	(a)	(b)	(c)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		2019	2020	2021	2022	2023	2024	2025	2026	Forecast	2027	2028	2029
1	<b><u>SERVICE AREA</u></b>												
2	RESIDENTIAL	2,003,542	2,019,744	2,036,329	2,047,607	2,055,871	2,066,480	2,073,331	2,078,514	2,082,815	2,086,528	2,089,571	
3													
4	SMALL COMMERCIAL & INDUSTRIAL	205,744	206,954	208,957	210,158	210,829	211,561	212,482	213,105	213,530	213,852	214,088	
5													
6	LAGE COMMERCIAL & INDUSTRIAL	3,152	3,134	3,117	3,089	3,079	3,064	3,061	3,061	3,061	3,061	3,061	
7													
8	OTHER	1,057	1,058	1,056	1,049	1,044	1,044	1,044	1,044	1,044	1,044	1,044	
9													
10	TOTAL	2,213,495	2,230,890	2,249,460	2,261,903	2,270,824	2,282,148	2,289,917	2,295,724	2,300,450	2,304,484	2,307,764	
11													
12	<b><u>ELECTRIC CHOICE</u></b>												
13	RESIDENTIAL	32	32	24	16	26	15	0	0	0	0	0	
14													
15	SMALL COMMERCIAL & INDUSTRIAL	3,730	3,658	3,755	3,729	3,587	3,484	3,404	3,321	3,239	3,156	3,074	
16													
17	LAGE COMMERCIAL & INDUSTRIAL	711	700	736	743	727	726	727	727	727	727	727	
18													
19	OTHER	0	0	0	0	0	0	0	0	0	0	0	
20													
21	TOTAL	4,474	4,390	4,514	4,487	4,340	4,225	4,131	4,048	3,966	3,883	3,801	
22													
23	<b><u>BUNDLED</u></b>												
24	RESIDENTIAL	2,003,509	2,019,712	2,036,306	2,047,591	2,055,845	2,066,465	2,073,331	2,078,514	2,082,815	2,086,528	2,089,571	
25													
26	SMALL COMMERCIAL & INDUSTRIAL	202,014	203,297	205,203	206,429	207,242	208,078	209,078	209,784	210,291	210,695	211,014	
27													
28	LAGE COMMERCIAL & INDUSTRIAL	2,441	2,434	2,381	2,346	2,352	2,337	2,334	2,334	2,334	2,334	2,334	
29													
30	OTHER	1,057	1,058	1,056	1,049	1,044	1,044	1,044	1,044	1,044	1,044	1,044	
31													
32	TOTAL	2,209,021	2,226,500	2,244,946	2,257,415	2,266,484	2,277,924	2,285,786	2,291,676	2,296,484	2,300,601	2,303,964	

**Michigan Public Service Commission**

**DTE Electric Company**

**Major Long-Term Gas Transportation Contracts<sup>1</sup>**

**2025 Plan Year**

Case No.: U-21594

Exhibit: A-24

Witness: D. Swiech

Page: 1 of 1

Line No.	Transporter	Receipt Point	Delivery Point	Maximum Daily Quantity (MMBtu/day)	Begin	End	(e) Term
1	DTE Gas Company	Ypsilanti & Washington 10	Washington 10 & Vector/BWEC Lateral	125,000	6/1/2022	5/31/2027	
2	Enbridge Gas Inc.	Dawn Facilities	Dawn Vector	116,345	6/1/2022	5/31/2027	
3	NEXUS Gas Transmission, LLC <sup>2</sup>	Kensington & Clarington	Ypsilanti	75,000	11/1/2018	10/31/2038	
4	Vector Pipeline L.P.	Dawn	BWEC	180,000	3/1/2021	2/28/2041	
5							
6	1 - Term is greater than one year						
7	2 - NEXUS transport has alternate receipt point at Clarington for 8,000 Dth/d through 10/31/2026						

1 - Term is greater than one year

2 - NEXUS transport has alternate receipt point at Clarington for 8,000 Dth/d through 10/31/2026

**1) Proposed Methodology Description**

- a. Forward Purchase Strategy (FPS) – A purchasing strategy that employs the technique of buying a fixed volume of natural gas at regular intervals at a fixed price.
- b. The Company will make purchases equal to approximately 67% of the natural gas requirement at its Blue Water Energy Center (BWEC) spread over a 24 month period for the upcoming four gas seasons (i.e., two years).

**2) FPS Fixed Price Coverage**

- a. The Company will achieve a fixed price coverage ratio of approximately 67% of the total seasonal requirement at BWEC prior to the start of the next season. For example, prior to the start of the summer 2025 season, approximately 67% of BWEC's natural gas requirement will be purchased on a forward fixed price basis between April 2023 and March 2025.

**3) FPS Purchase Guidelines**

- a. Monthly purchases should be approximately 1/24 of 67%, or 2.8%, of the total season's daily average requirement.
- b. In the event the forecasted requirement at BWEC increases or decreases during the 24 month purchase period, the Company will either increase or decrease the purchase volume equally over the remaining purchases so that approximately 67% of BWEC's natural gas requirement is purchased prior to the start of the next season.
- c. The Company may deviate from these purchase guidelines so long as the fixed price coverage ratio of approximately 67% of the total seasonal requirement is not exceeded, subject to review and approval per DTE's OP5 and GV6 policies.

**4) FPS Purchase Timing**

- a. The Company may make multiple or single purchases at any time during the calendar month at its own discretion, not to exceed the FPS purchase limitations described above in item 3).
- b. Any purchase made within the calendar month is in compliance with the fixed price guidelines and cannot be deemed unreasonable and imprudent solely on the basis that the purchase price was not the lowest price within the calendar month.

**5) Purchase Price**

- a. The purchase price will be representative of a physical fixed price supply at the specified receipt point, which will be inclusive of any market based premium or discount associated with the specific geographic purchase location.

**6) FPS Transition Period**

- a. The Company started the FPS in January 2023 for the summer 2023 season and the subsequent three seasons by purchasing approximately 2.8% of the season's daily average requirement for the period. With a start date of January 2023, each of the first four seasons (Summer 2023 through Winter 2024/2025) will not have 24 monthly purchases leading up to the start of each respective season. Therefore, each of the first four seasons will have less than 67% committed once each season starts.
- b. The summer 2025 season is the first season to have 24 monthly fixed price purchases totaling approximately 67% of the seasons daily average requirement.
- c. An illustration of actual and planned purchases for the Summer 2023 through Summer 2025 seasons can be found in Exhibit A-26.

**7) BWEC's remaining requirement**

- a. The Company plans to fulfill the remaining approximately one-third (33%) of BWEC's natural gas requirement on a short-term basis which will be priced utilizing market-based settled index prices.



Michigan Public Service Commission  
DTE Electric Company  
Forward Purchase Strategy Purchases

Case No.: U-21594  
Exhibit: A-27  
Witness: D. Siewech  
Page: 1 of 1

Line No.	(a) Contract #	(b) Trade Date	(c) Delivery Start	(d) Delivery End	(e) Contracted Daily Volume (MMBtu)	(f) Receipt Point	(g) Fixed Price (\$/MMBtu)
1	11621	1/25/2023	4/1/2023	10/31/2023	4,000	Clarington	\$2.525
2	11622	1/25/2023	11/1/2023	3/31/2024	4,600	Clarington	\$3.500
3	11623	1/25/2023	4/1/2024	10/31/2024	4,000	Clarington	\$2.650
4	11624	1/25/2023	11/1/2024	3/31/2025	4,500	Dawn	\$4.450
5	11628	2/22/2023	4/1/2023	10/31/2023	4,000	Clarington	\$2.080
6	11629	2/22/2023	11/1/2023	3/31/2024	3,400	Clarington	\$3.120
7	11630	2/22/2023	4/1/2024	10/31/2024	4,000	Clarington	\$2.500
8	11631	2/22/2023	11/1/2024	3/31/2025	4,200	Dawn	\$3.945
9	11634	3/23/2023	4/1/2023	10/31/2023	2,600	Dawn	\$2.530
10	11635	3/23/2023	11/1/2023	3/31/2024	4,400	Dawn	\$3.600
11	11636	3/23/2023	4/1/2024	10/31/2024	3,700	Dawn	\$3.340
12	11637	3/23/2023	11/1/2024	3/31/2025	4,200	Dawn	\$4.285
13	11640	4/27/2023	11/1/2023	3/31/2024	4,400	Dawn	\$3.397
14	11641	4/27/2023	4/1/2024	10/31/2024	3,700	Dawn	\$3.160
15	11642	4/27/2023	11/1/2024	3/31/2025	4,300	Dawn	\$4.220
16	11643	4/27/2023	4/1/2025	10/31/2025	3,700	Dawn	\$3.800
17	11647	5/25/2023	11/1/2023	3/31/2024	3,800	Dawn	\$3.347
18	11648	5/25/2023	4/1/2024	10/31/2024	3,600	Dawn	\$3.030
19	11649	5/25/2023	11/1/2024	3/31/2025	4,300	Dawn	\$4.008
20	11650	5/25/2023	4/1/2025	10/31/2025	3,700	Dawn	\$3.560
21	11653	6/21/2023	11/1/2023	3/31/2024	3,300	Dawn	\$3.350
22	11654	6/21/2023	4/1/2024	10/31/2024	3,800	Dawn	\$3.034
23	11655	6/21/2023	11/1/2024	3/31/2025	4,000	Dawn	\$3.940
24	11656	6/21/2023	4/1/2025	10/31/2025	3,900	Dawn	\$3.500
25	11660	7/25/2023	11/1/2023	3/31/2024	3,300	Dawn	\$3.420
26	11661	7/25/2023	4/1/2024	10/31/2024	3,800	Dawn	\$3.090
27	11662	7/25/2023	11/1/2024	3/31/2025	4,000	Dawn	\$3.950
28	11663	7/25/2023	4/1/2025	10/31/2025	3,900	Dawn	\$3.500
29	11667	8/23/2023	11/1/2023	3/31/2024	3,200	Dawn	\$3.395
30	11668	8/23/2023	4/1/2024	10/31/2024	3,800	Dawn	\$3.015
31	11669	8/23/2023	11/1/2024	3/31/2025	4,000	Dawn	\$3.965
32	11670	8/23/2023	4/1/2025	10/31/2025	3,900	Dawn	\$3.445
33	11677	9/25/2023	11/1/2023	3/31/2024	4,200	Dawn	\$3.190
34	11678	9/25/2023	4/1/2024	10/31/2024	4,100	Dawn	\$2.921
35	11679	9/25/2023	11/1/2024	3/31/2025	4,300	Dawn	\$3.880
36	11680	9/25/2023	4/1/2025	10/31/2025	4,000	Dawn	\$3.424
37	11683	10/20/2023	11/1/2023	3/31/2024	4,200	Dawn	\$3.180
38	11684	10/20/2023	4/1/2024	10/31/2024	4,100	Dawn	\$3.014
39	11685	10/20/2023	11/1/2024	3/31/2025	4,300	Dawn	\$3.959
40	11686	10/20/2023	4/1/2025	10/31/2025	4,000	Dawn	\$3.505
41	11687	11/30/2023	4/1/2024	10/31/2024	4,100	Dawn	\$2.610
42	11688	11/30/2023	11/1/2024	3/31/2025	4,000	Clarington	\$3.370
43	11689	11/30/2023	4/1/2025	10/31/2025	4,000	Clarington	\$2.640
44	11690	11/30/2023	11/1/2025	3/31/2026	4,000	Clarington	\$3.890
45	11694	12/19/2023	4/1/2024	10/31/2024	4,100	Dawn	\$2.279
46	11695	12/19/2023	11/1/2024	3/31/2025	4,400	Dawn	\$3.205
47	11696	12/19/2023	4/1/2025	10/31/2025	4,100	Dawn	\$3.019
48	11697	12/19/2023	11/1/2025	3/31/2026	4,300	Dawn	\$3.850
49	11612	1/23/2024	4/1/2024	10/31/2024	4,200	Kensington	
50	11612	1/23/2024	11/1/2024	3/31/2025	4,400	Kensington	
51	11612	1/23/2024	4/1/2025	10/31/2025	4,400	Kensington	
52	11698	1/23/2024	11/1/2025	2/28/2026	3,100	Dawn	\$3.970
53	11612	2/22/2024	4/1/2024	10/31/2024	4,100	Kensington	
54	11612	2/22/2024	11/1/2024	3/31/2025	4,400	Kensington	
55	11612	2/22/2024	4/1/2025	10/31/2025	4,400	Kensington	
56	11700	2/22/2024	11/1/2025	2/28/2026	4,100	Dawn	\$3.870
57	11612	3/20/2024	4/1/2024	10/31/2024	4,600	Kensington	
58	11612	3/20/2024	11/1/2024	3/31/2025	4,400	Kensington	
59	11612	3/20/2024	4/1/2025	10/31/2025	4,400	Kensington	
60	11703	3/20/2024	11/1/2025	2/28/2026	4,000	Dawn	\$3.880
61	11612	4/23/2024	11/1/2024	3/31/2025	3,900	Kensington	
62	11612	4/23/2024	4/1/2025	10/31/2025	4,100	Kensington	
63	11704	4/23/2024	11/1/2025	2/28/2026	4,000	Dawn	\$3.992
64	11705	4/23/2024	4/1/2026	10/31/2026	4,200	Dawn	\$3.420
65	11612	5/21/2024	11/1/2024	3/31/2025	5,800	Kensington	
66	11612	5/21/2024	4/1/2025	10/31/2025	5,300	Kensington	
67	11709	5/21/2024	11/1/2025	2/28/2026	4,100	Dawn	\$3.940
68	11710	5/21/2024	4/1/2026	10/31/2026	4,200	Dawn	\$3.270
69	11612	6/25/2024	11/1/2024	3/31/2025	4,900	Kensington	
70	11612	6/25/2024	4/1/2025	10/31/2025	4,800	Kensington	
71	11712	6/25/2024	11/1/2025	2/28/2026	4,300	Dawn	\$3.860
72	11713	6/25/2024	4/1/2026	10/31/2026	4,400	Dawn	\$3.190
73	11716	7/24/2024	11/1/2024	3/31/2025	4,000	Clarington	\$2.720
74	11612	7/24/2024	4/1/2025	10/31/2025	2,600	Kensington	
75	11717	7/24/2024	11/1/2025	2/28/2026	4,600	Dawn	\$3.680
76	11718	7/24/2024	4/1/2026	10/31/2026	4,600	Dawn	\$3.030
77	11612	8/22/2024	11/1/2024	3/31/2025	2,200	Kensington	
78	11719	8/22/2024	1/1/2025	3/31/2025	4,700	Kensington	\$2.725
79	11720	8/22/2024	4/1/2025	9/30/2025	5,700	Dawn	\$2.785
80	11721	8/22/2024	11/1/2025	2/28/2026	4,600	Dawn	\$3.680
81	11722	8/22/2024	4/1/2026	10/31/2026	4,600	Dawn	\$3.060

Column (a) - Company specified contract number

Column (b) - Trade date of purchase

Column (c) - Start date of delivery

Column (d) - End date of delivery

Column (e) - Contracted daily volume for term of trade

Column (f) - Receipt point

Column (g) - Fixed price

Confidential Commercially Sensitive Information

**Michigan Public Service Commission  
DTE Electric Company  
Summary of Economic Outlook  
2019-2023 Historical; 2024-2029 Forecast**

Case No.: U-21425  
Exhibit: A-28  
Witness: F. J. Sirwaitis  
Page: 1 of 1

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Line No.	Year	Real Gross State Product (Billions \$2012)	Real Personal Income (Billions \$2012)	Consumer			U.S. Car & Truck Production Total (Th. Units)	Car & Truck Production Detroit Area (Th. Units)	U.S. Car & Truck Prod. Detroit 3 (Th. Units)	Manufacturing Employment (Thousands)	
				Price Index (1982-84=100)	Households (Thousands)	Population (Thousands)					
2	2019	519.0	496.0	255.7	4066.1	10078.4	10597.6	1553.4	5267.1	627.2	
3	2020	501.8	546.5	258.8	4034.1	10062.6	8623.0	1073.7	4281.2	551.8	
4	2021	533.1	548.5	271.0	4032.0	10035.9	8910.9	1312.5	4285.3	585.0	
5	2022	540.2	527.9	292.7	4062.6	10033.8	9758.0	1365.0	4765.0	608.4	
6	2023	548.8	534.6	304.7	4073.9	10038.5	10342.6	1376.3	4632.8	614.4	
7											
8	2024	561.4	547.4	314.6	4090.8	10048.0	10702.6	1329.3	4789.1	611.6	
9	2025	567.8	561.4	322.0	4113.0	10060.3	10643.6	1297.9	4549.8	588.9	
10	2026	571.8	573.9	330.0	4137.2	10065.0	10723.4	1257.8	4366.4	568.1	
11	2027	576.7	585.3	337.2	4158.9	10059.3	10515.9	1465.3	4405.3	550.5	
12	2028	582.6	596.2	345.0	4176.1	10049.2	10422.6	1467.1	4344.2	537.2	
13	2029	588.4	606.9	352.7	4190.6	10037.2	10629.5	1569.7	4446.6	532.1	
Line No.	Year	Non-Manufacturing Employment (Thousands)	Educ & Health Employment (Thousands)	TTU <sup>1</sup> Employment (Thousands)	Financial Employment (Thousands)	Information Employment (Thousands)	Professional & Business Services Employment (Thousands)	Government Employment (Thousands)	Other Services Employment (Thousands)		
16	2019	3827.6	690.6	796.6	225.8	55.5	656.2	615.8	167.3		
17	2020	3447.6	636.5	741.5	224.1	50.2	595.9	575.9	141.9		
18	2021	3630.2	652.3	782.8	232.8	52.8	632.6	574.0	155.1		
19	2022	3772.5	665.4	808.4	232.3	57.1	660.0	586.9	165.5		
20	2023	3841.0	689.9	815.1	231.1	57.8	653.5	603.7	169.8		
21											
22	2024	3889.7	704.9	820.7	228.6	57.9	650.9	621.3	170.0		
23	2025	3915.2	713.3	810.0	231.6	58.4	665.8	623.8	170.3		
24	2026	3916.8	717.9	800.0	233.9	58.3	663.2	624.5	172.3		
25	2027	3915.9	721.8	793.3	234.7	56.9	658.0	625.5	175.2		
26	2028	3919.2	724.4	785.1	234.1	56.2	666.8	625.9	177.7		
27	2029	3919.9	725.0	776.8	233.3	56.1	676.8	625.8	178.7		

1) Transportation, trade & utilities