General Offices:
One Energy Plaza Tel: (517) 788-0550
Jackson, MI 49201 Fax: (517) 768-3644

*Washington Office:
1730 Rhode Island Ave. N.W. Tel: (202) 778-3340
Suite 1007
Washington, DC 20036 Fax: (202) 778-3355

Writer's Direct Dial Number: (517) 788-0698
Writer's E-mail Address: gary.genschjr@cmsenergy.com

LEGAL DEPARTMENT
SHAUN M. JOHNSON
Senior Vice President
and General Counsel

MELISSA M. GLEESPEN
Vice President, Corporate
Secretary and Chief
Compliance Officer

KELLY M. HALL
Vice President and Deputy
General Counsel

Emerson J. Hilton
Adam C. Smith
Bret A. Totoraitis
Assistant General Counsel

Robert W. Beach
Ian F. Burgess
Don A. D'Amato
Gary A. Gensch, Jr.
Matthew D. Hall
Georgine R. Hyden
Katie M. Knue
Robert F. Marvin
Jason M. Milstone
Rhonda M. Morris
Deborah A. Moss*
Maxwell K. Multer
Chantez L. Pattman
Michael C. Rampe
Scott J. Sinkwitts
Theresa A.G. Staley
Janae M. Thayer
Anne M. Uitvlugt
Aaron L. Vorce
Attorney

February 9, 2022

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 West Saginaw Highway
Post Office Box 30221
Lansing, MI 48909

Re: MPSC Case No. U-12278 – Consumers Energy Company's Load Reduction Program Annual Filing

Dear Ms. Felice:

Included for electronic filing in the above-captioned case is **Consumers Energy Company's Load Reduction Program Annual Filing for the Year 2021.** This is a paperless filing and is therefore being filed only in PDF format.

Sincerely,

Digitally signed by
Gary A. Gensch, Jr.
Date: 2022.02.09
14:12:01 -05'00'

Gary A. Gensch, Jr.

cc: Paul Proudfoot, MPSC

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

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of **CONSUMERS ENERGY COMPANY** for a new tariff provision concerning contractual provisions for load reduction in times of high system demands	))))))	Case No. U-12278

CONSUMERS ENERGY COMPANY'S
LOAD REDUCTION PROGRAM ANNUAL FILING FOR THE YEAR 2021

Consumers Energy Company ("Consumers Energy" or the "Company") makes this annual informational filing of customers enrolled in its Load Reduction Program for the year 2021 as required by the Michigan Public Service Commission's ("MPSC" or the "Commission") Order Approving Application dated February 9, 2000. The Order provides: "Consumers Energy Company shall file each year on the anniversary of this order information on the number of customers enrolled in its load reduction program and the corresponding load reduction accomplished."

During 2021, Consumers Energy conducted three residential demand response programs known as Air Conditioning ("AC") Peak Cycling, Smart Thermostat ("STP"), and Peak Time of Use ("TOU"). The TOU Program comprises both the Peak Time Rewards ("PTR") and Critical Peak Pricing ("CPP") programs. Total net program enrollment as of December 31, 2021 was 87,683 for AC Peak Cycling, 35,961 for STP, and 67,404 for TOU. The peak load reduction in the AC Peak Cycling Program was 0.59 kW per customer. The peak load reduction in the STP was 0.8 kW per customer. The peak load reduction in the Peak TOU Program was 0.25 kW per customer for CPP and 0.21 kW per customer for PTR.

The Company also operated a Commercial and Industrial ("C&I") Emergency Demand Response Program in 2021. The C&I Emergency Demand Response Program had 221.1 MW under contract and included 520 customers. There was one emergency demand response event called by Midcontinent Independent System Operator, Inc. ("MISO") in 2021 on June 10 during the demand response season, and two same-day critical events were called on June 28 and July 6.

The Company has offered an interruptible service rate to primary voltage customers for many years. In 2021, 18 customers were on this rate, with 125.3 MW of load designated as interruptible. There was one emergency demand response event ordered by MISO on June 10, 2021.

Dated: February 9, 2022

Respectfully submitted,

CONSUMERS ENERGY COMPANY

Attachment 1

Case U-12278

Monthly Demand Response Report for December 2021

Tariff and Sheet No.	Number of Service Accounts Enrolled[1]	Total MW Enrolled[2]	Total MW Available[3]	Total MW Called On[4]	Notes
RESIDENTIAL INTERRUPTIBLE AND PRICE RESPONSE PROGRAMS					
Peak Power Savers® -Air Conditioning Peak Cycling Program; Sheet No. D - 11.10	87,683	56.1	56.1	See event report below	Summer Resource Only
Peak Powers Savers® - Critical Peak Time of Use (RDP) and Peak Rewards Time of Use (RDPR); Sheet No. D-13.00 to D-13.04	67,404	15.9	15.9	See event report below	Summer Resource Only
Smart Thermostat Program	35,961	32.4	32.4	See event report below	Summer Resource Only
TOTAL	191,048	104.4	104.4		
COMMERCIAL AND INDUSTRIAL INTERRUPTIBLE AND PRICE RESPONSE PROGRAMS					
Rate GPD/GI Provision; Sheet No. D-34.00 & D-34.10	18	125.3	125.3	See event report below	See event report below
C&I DR – Emergency	520	221.1	221.1	See event report below	See event report below
C&I DR – Economic	2	1.5	1.5		
TOTAL	540	346.4	346.4		

[1] Report the total (cumulative) number of customer accounts enrolled in each demand response program at the end of the reporting period.

[2] Report the total number of MW enrolled in each demand response program at the end of the reporting period, even if the resource is not actually available in the reporting period (i.e. direct ac load control in the winter). Residential program total MW enrolled is calculated by multiplying the total number of service counts in the program by .59 kW per enrolled customer for ACPC; .25 kW per enrolled customer for Critical Peak Pricing (RDP); .21 kW per enrolled customer for Peak Time Rewards (RDPR) and .8 kW per enrolled customer for STP.

[3] Report the maximum number of available MW that could have been called on, if necessary, during the reporting period.

[4] Report the total amount of demand response for interruptible programs, or realized for price response programs, during the reported month.

[5] Total MW enrolled, available, and called on are customer level MW and are not grossed up.

Monthly Event Reporting

Date	HOUR	TARIFF	MW CALLED[6]	MW RESPONSE[7]	EVENT TYPE[8]	Notes
06/04/21	1400-1800 EDT	STP	47.1	15.5	Test	MW Response values from Cadmus
06/04/21	0800-0900 EDT	ACPC	0.0	4.0	Test	Values from DRMS as of 7/25/2021
06/10/21	1600-1900 EDT	STP	47.6	18.1	Reliability	MW Response values from Cadmus
06/10/21	1600-1900 EDT	ACPC	2.0	18.2	Reliability	Values from DRMS as of 7/25/2021
06/10/21	1500-1900 EDT	GI	146.8	78.6	Reliability	
06/10/21	1500-1900 EDT	DR - Emergency	221.1	123.0	Reliability	
06/28/21	1400-1800 EDT	STP	53.7	14.5	Economic	MW Response values from Cadmus
06/28/21	1400-1800 EDT	ACPC	5.3	11.3	Economic	Values from DRMS as of 7/25/2021
07/06/21	1600 - 2000 EDT	STP	54.2	21.3	ECONOMIC	
07/26/21	1400 - 1800 EDT	ACPC	88.5	8.2	ECONOMIC	
07/26/21	1400 - 1800 EDT	CPP	-0.6	0.6	ECONOMIC	
07/26/21	1400 - 1800 EDT	PTR	-0.3	1.6	ECONOMIC	
07/26/21	1400 - 1800 EDT	STP	0.0	21.3	ECONOMIC	
07/27/21	1400 - 1800 EDT	ACPC	42.1	14.8	ECONOMIC	
07/27/21	1400 - 1800 EDT	CPP	9.6	1.6	ECONOMIC	
07/27/21	1400 - 1800 EDT	PTR	44.1	7.6	ECONOMIC	
07/27/21	1400 - 1800 EDT	STP	58.8	19.6	ECONOMIC	
07/28/21	1400 - 1800 EDT	ACPC	31.6	11.8	ECONOMIC	
07/28/21	1400 - 1800 EDT	CPP	9.7	0.7	ECONOMIC	
07/28/21	1400 - 1800 EDT	PTR	44.7	3.2	ECONOMIC	
07/28/21	1400 - 1800 EDT	STP	58.9	19.6	ECONOMIC	
08/10/21	1400 - 1800 EDT	ACPC	52.4	12.6	ECONOMIC	
08/10/21	1400 - 1800 EDT	CPP	8.8	1.6	ECONOMIC	
08/10/21	1400 - 1800 EDT	PTR	44.0	7.4	ECONOMIC	
08/10/21	1400 - 1800 EDT	STP	61.9	21.4	ECONOMIC	
08/24/21	1400 - 1800 EDT	ACPC	87.2	12.7	ECONOMIC	
08/24/21	1400 - 1800 EDT	CPP	9.2	0.9	ECONOMIC	
08/24/21	1400 - 1800 EDT	PTR	46.5	2.8	ECONOMIC	
08/24/21	1400 - 1800 EDT	STP	63.1	19.4	ECONOMIC	
08/25/21	1400 - 1800 EDT	ACPC	166.1	18.8	ECONOMIC	
08/25/21	1400 - 1800 EDT	CPP	9.2	1.0	ECONOMIC	
08/25/21	1400 - 1800 EDT	PTR	46.6	3.6	ECONOMIC	
08/25/21	1400 - 1800 EDT	STP	63.1	17.9	ECONOMIC	
08/26/21	1400 - 1800 EDT	ACPC	129.4	25.0	ECONOMIC	
08/26/21	1400 - 1800 EDT	CPP	9.2	0.9	ECONOMIC	
08/26/21	1400 - 1800 EDT	PTR	47.1	3.5	ECONOMIC	
08/26/21	1400 - 1800 EDT	STP	63.0	21.7	ECONOMIC	

[6] For price response programs, provide an estimate of maximum number of MW that could have responded to the price signal. Include a description of how this number was calculated.

[7] For price response programs, provide an estimate of the MW response. Include a description of how this estimate was calculated. Values are unaudited real-time system data. Evaluated results are provided in DR Reconciliation filings.

[8] For example, economic, reliability, or other (specify) type of event.