



December 17, 2024

Michigan Public Service Commission
7109 West Saginaw Highway
Lansing, MI 48917

Re: Case No. U-12487 Regional Mix & Emissions Disclosures

To Whom It May Concern:

In accordance with the Michigan Public Service Commission's Order in Case No. U-12487, CMS ERM Michigan L.L.C. hereby submits the fuel source and environmental information for the most recent twelve-month period available on the Commission's website.

If you have any questions, please feel free to contact me at (517) 788-1252 or via email at aaron.martin@nsce.com.

Sincerely,

Aaron S. Martin
RTO Regulatory Manager

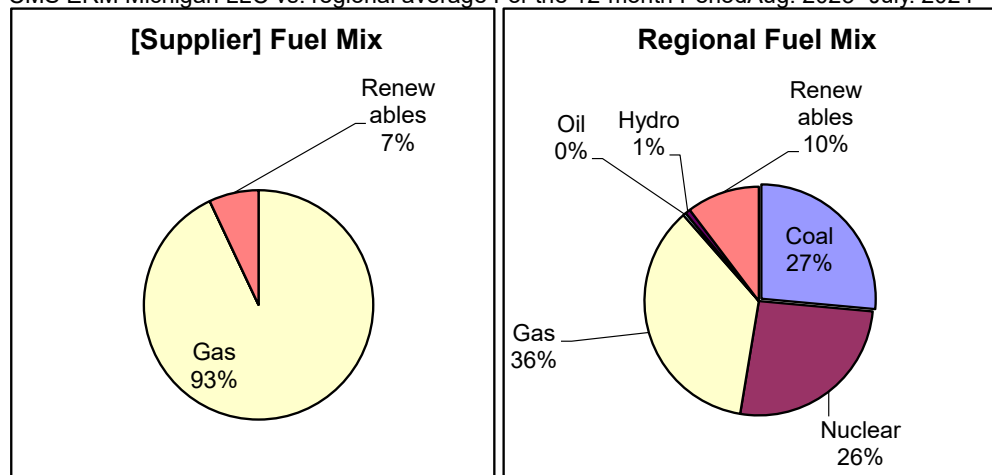
Enclosure

CMS ERM Michigan LLC

The environmental characteristics of your electricity as required by Public Act 141 of 2000.

Comparison of the Fuel Sources Used to Generate Electricity

CMS ERM Michigan LLC vs. regional average For the 12-month Period Aug. 2023- July. 2024



Fuel Sources	Percentage of fuel types used to produce CMS ERM Michigan LLC electricity.	Percentage of fuel type used to produce electricity in Michigan, Illinois, Indiana, Ohio, and Wisconsin.
Coal	--	26.446
Nuclear	--	26.167
Gas	93	35.916
Oil	--	0.428
Hydroelectric	--	0.724
Total Renewable Fuels	7	10.318
Biofuel	7	0.76
Biomass	--	0.364
Solid Waste Incineration	--	0.006
Solar	--	1.17
Wind	--	7.616
Wood	--	0.403

Note: (1) Biomass above excludes wood; solid waste incineration includes landfill gas, and (2) "--" indicates not applicable or negligible, less than 0.1%.

Airborne Emissions and High-Level Nuclear Waste Comparison

CMS ERM Michigan LLC vs. regional average for the 12-month period (Aug 2023 thru Jul 2024).

Type of emission/waste	CMS ERM Michigan LLC average lbs/MWh ^{1, 2}	A regional average of fossil/nuclear generation in Michigan, Illinois, Indiana, Ohio, and Wisconsin (lb/MWh)
Sulfur Dioxide	0.33	0.95
Carbon Dioxide	1,322	1,092
Oxides of Nitrogen	0.26	0.78
High-level nuclear waste	0	0.006

¹ The CMS ERM LLC portfolio includes Kalamazoo River Generating Station, Livingston Generating Station, and Dearborn Industrial Generation. Emission rates in pounds per megawatt-hour are based on emission rates in tons per year and gross load data from 2016 annual emissions summary data from the U.S. Environmental Protection Agency's Clean Air Markets Division, except electric generation data for Dearborn Industrial Generation was provided by CMS Enterprises.

² Dearborn Industrial Generation is a cogeneration facility with units that both produce process steam and generate electricity. Emission rates presented in this table include emissions from both process steam production and electrical generation. Emission rates that include only production of electricity are less than the rates presented in this table.