



Upper Michigan Energy
Resources Corporation
231 W. Michigan St.
Milwaukee, WI 53203

June 9, 2025

Mr. Jon DeCooman
Michigan Public Service Commission
7109 West Saginaw Highway
Lansing, MI 48917

RE: Environmental Characteristics of Electricity – U-12487

Dear Mr. DeCooman:

Pursuant to Section 10r(4) of Act 3 of the Public Acts of 1939, MCL 460.10r(4), attached please find the bill inserts the Upper Michigan Energy Resources Corporation intends to provide to its Michigan customers in July regarding the environmental characteristics of the electricity it provides.

If you have any questions, please contact me at 414-221-3685 or Richard.stasik@wecenergygroup.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rich F. Stasik", with a stylized flourish at the end.

Richard F. Stasik
Director, State Regulatory Affairs

Attachments

July 2025

Environmental information about your electricity

This report provides information about environmental characteristics of the electricity supplied by Upper Michigan Energy Resources Corp. (UMERC). We provide this information to you twice a year as required by the Michigan Public Service Commission (MPSC).

The information contained in this insert compares 2024 UMERC data on average fuel mix, airborne emissions and high-level nuclear waste with a recent regional average provided by the MPSC.

All utilities in Michigan, as well as alternative energy suppliers serving customers under Michigan Customer Choice, provide this information to their customers.

Average fuel mix comparison

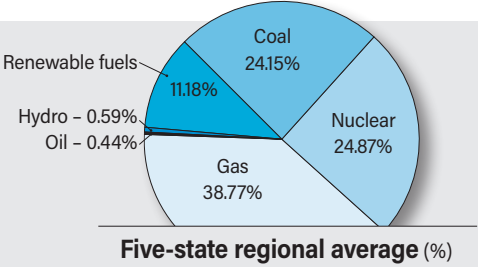
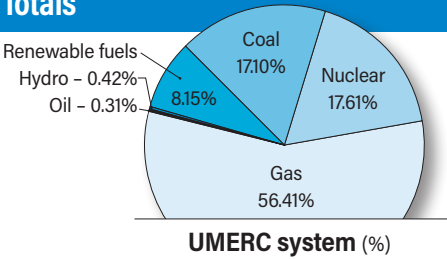
Fuel source	Total UMERC electric system 2024 actual (%)	Five-state regional average fuel mix Aug. 2023 to July 2024 (%)
Coal	17.10%	24.15%
Nuclear	17.61%	24.87%
Gas	56.41%	38.77%
Oil	0.31%	0.44%
Hydro	0.42%	0.59%
Renewable fuels total	8.15%	11.18%
Biofuel	0.70%	0.67%
Biomass	0.22%	0.31%
Landfill gas	--	--
Solar	1.34%	1.88%
Solid waste incineration	0.10%	0.14%
Wind	5.57%	7.86%
Wood	0.23%	0.33%

The fuel mix data for the electricity supplied to you by UMERC that appears in this table includes regional average fuel mix data from Michigan, Illinois, Indiana, Ohio and Wisconsin as a proxy for the actual fuel mix. The resources purchased from the Midcontinent Independent System Operator accounted for approximately 71% of the electricity supplied by UMERC during the relevant period.



Building a bright, sustainable future

Totals



Airborne emissions and high-level nuclear waste comparison

Emission type	Total UMERC system average (lbs./MWh) ¹ 2024 actual	Five-state regional average for fossil/nuclear generation (lbs./MWh) ² Jan. to Dec. 2022
Sulfur dioxide	0.01	0.85
Carbon dioxide	1137.07	1060.15
Oxides of nitrogen	0.21	0.70
High-level nuclear waste ³	0.00	0.01

¹ These rates show the relative amount of air emissions or nuclear waste in pounds per megawatt-hour (MWh) produced as a result of generating electricity from fossil fuel or nuclear units. The emission and nuclear waste characteristics of the electricity you receive vary depending on the mix of fuels used to generate the electricity provided by your supplier. Generation split is based on actual 2024 data.

² Regional average in Michigan, Illinois, Indiana, Ohio and Wisconsin. MPSC update October 2024.

³ UMERC has no nuclear generation and, therefore, no emissions associated with high-level nuclear waste.

Questions?

Residential customers: Call 800-242-9137 anytime

Business customers: Call 800-714-7777 weekdays from 8 a.m. to 5 p.m.



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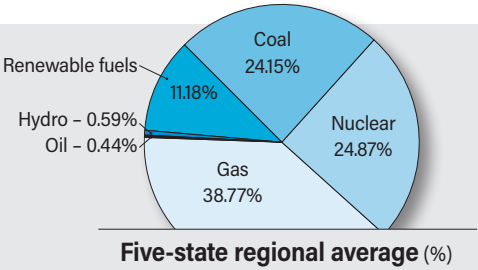
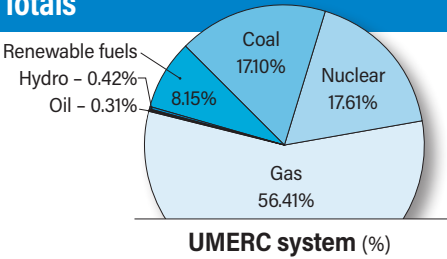
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Business customers: Call 877-444-0888 weekdays from 8 a.m. to 5 p.m.

