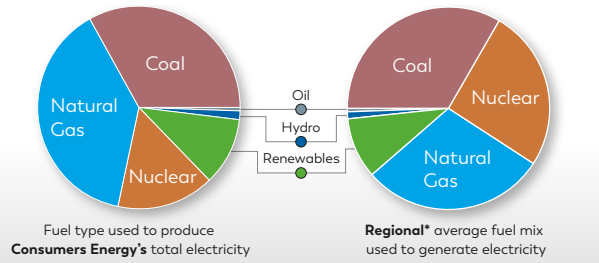


# Environmental Characteristics of Consumers Energy Electricity

OCT. 1, 2021 – SEP. 30, 2022

Fuel Source	Fuel type used to produce Consumers Energy's total electricity	Regional* average fuel mix used to generate electricity
Coal	33.1%	33.5%
Nuclear	15.5%	25.9%
Natural Gas	38.7%	29.4%
Hydroelectric	1.2%	0.9%
Oil	0.3%	0.5%
(1) Other	< 0.1%	0%
<b>Renewable Fuels</b>	<b>10.9%</b>	<b>9.8%</b>
Wind	7.3%	7.6%
Solar	0.7%	0.8%
Wood	1.9%	0.4%
Solid Waste	0.9%	< 0.1%
Biomass	< 0.1%	0.4%
Biofuel	0.1%	0.7%



Emissions/Waste in Pounds Per Megawatt-hour	Emissions/Waste for Fossil and Nuclear Generation	
	Consumers Energy	Regional* Average
Sulfur Dioxide	0.4	0.9
Carbon Dioxide	1,019.1	1,061.3
Oxides of Nitrogen	0.52	0.8
(2) High-Level Nuclear Waste	0.0069	0.0060

The fuel mix data for the electricity supplied to you by Consumers Energy 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 of certain electricity purchased by Consumers Energy because the actual fuel mix characteristics of that purchased electricity could not be discerned. Purchased electricity accounted for 18.6% of the electricity supplied by Consumers Energy during the relevant period. Numbers do not add to 100% due to rounding. \*Regional average fuel mix data was compiled from Michigan, Illinois, Indiana, Ohio and Wisconsin.

1. "Other" power is produced from the Ludington pumped storage facility. 2. The high-level waste generated by Palisades is not discharged to the environment.

## Electric Residential Service Rates

Rate	Description	Full Service	Retail Open Access
<b>RSM</b>	Residential Secondary Service Non-Transmitting Meter Rate	1000	N/A
<b>RSP</b>	Residential Summer On-Peak Basic Rate	1001	N/A
<b>AR</b>	Experimental Advanced Renewable Program	1015	2015
<b>RSH</b>	Residential Smart Hours Rate	1040	N/A
<b>RPM</b>	Residential Nighttime Savers Rate	1050	N/A

## Natural Gas Residential Rates

Rate	Description	Full Service
<b>A</b>	Space Heating	250
<b>A</b>	Without Space Heating	260
<b>A</b>	Principal Account	052
<b>A</b>	Gas Customer Choice	752
<b>A-1</b>	Gas Customer Choice Multi	753
<b>A-1</b>	Multifamily Dwelling	251, 480
<b>A-1</b>	Multifamily Dwelling/Principal Account	043



**Learn more:**  
[ConsumersEnergy.com/rates](https://ConsumersEnergy.com/rates)

**Consumers Energy**  
Count on Us®