Environmental Characteristics of Consumers Energy Electricity - Oct. 1, 2017 - Sept. 30, 2018

FUEL SOURCE	Percentage of fuel type used to produce Consumers Energy's total electricity	Regional* average fuel mix used to generate electricity
Coal	32.1%	45.5%
Nuclear	20.9%	26.6%
Natural Gas	33.5%	20.2%
Hydroelectric	1.5%	0.9%
Oil	0.1%	0.4%
(1) Other	< 0.1%	0%
RENEWABLE FUELS	11.6%	6.4%
Wind	8.4%	4.3%
Wood	2.1%	0.5%
Solid Waste Incineration	1.0%	< 0.1%
Biomass	< 0.1%	0.5%
Biofuel	0.1%	0.9%
Solar	< 0.1%	< 0.1%

EMISSIONS/WASTE IN POUNDS PER MEGAWATT-HOUR	Emissions/Waste for Fossil and Nuclear Generation	
	Consumers Energy	Regional* Average
Sulfur Dioxide	0.8	2.4
Carbon Dioxide	1612.7	1916.0
Oxides of Nitrogen	0.75	1.3
(2) High-Level Nuclear Waste	0.0069	0.006

Percentage of fuel type used to produce Consumers Energy's total electricity

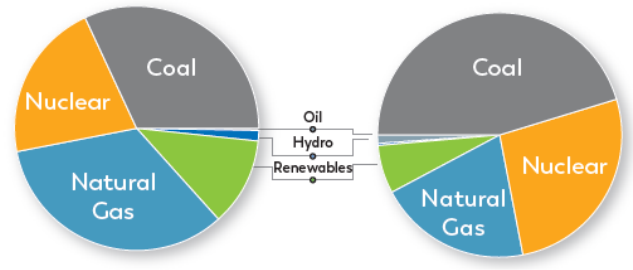### Regional* average fuel mix used to generate electricity

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 14.6% of the electricity supplied by Consumers Energy during the relevant period.

* 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.