

January 2017

# Environmental information about your electricity



This report provides information about environmental characteristics of the electricity we provide to you. 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 recent data on our average fuel mix, airborne emissions and high-level nuclear waste, with a 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.

<b>Average fuel mix comparison</b>	<b>We Energies electric system 2015 actual (expressed in percent)</b>	<b>Five-state regional average fuel mix Aug. 2015 to July 2016 (expressed in percent)</b>
<b>Fuel source</b>		
Coal	52.74	47.72
Nuclear	24.00	26.67
Gas	18.14	18.13
Oil	0.02	0.57
Hydro	1.42	0.84
<b>Renewable fuels total</b>	<b>3.68</b>	<b>6.07</b>
Biofuel	0.02	0.79
Biomass	0.15	0.53
Landfill gas	0.60	--
Solar	<0.01	0.07
Solid waste incineration	<0.01	0.09
Wind	2.90	4.11
Wood	0.00	0.48

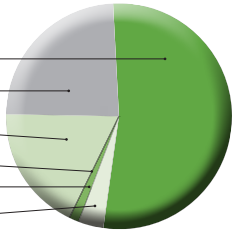
The fuel mix data for the electricity supplied to you by We Energies that appears in this table includes regional average fuel mix data from Michigan, Illinois, Indiana, Ohio, and Wisconsin as a proxy for the actual fuel mix of certain electricity purchased by We Energies because the actual fuel mix characteristics of that purchased electricity could not be discerned. Purchased electricity accounted for approximately 1 percent of the electricity supplied by We Energies during the relevant period.



***We Energies – Energy You Can Depend On***

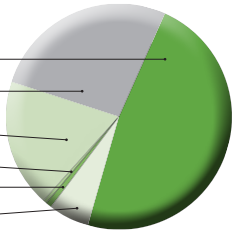
**We Energies system (%)**

- 52.74 Coal
- 24.00 Nuclear
- 18.14 Gas
- 0.02 Oil
- 1.42 Hydro
- 3.68 Renewable fuels



**Five-state regional average (%)**

- 47.72 Coal
- 26.67 Nuclear
- 18.13 Gas
- 0.57 Oil
- 0.84 Hydro
- 6.07 Renewable fuels



**Airborne emissions and high-level nuclear waste comparison**

Emission type	Total We Energies system average (lbs./MWh) <sup>1</sup> 2015 actual (expressed in percent)	Five-state regional average for fossil/nuclear generation (lbs./MWh) <sup>2</sup> Aut. 2015 to July 2016 (expressed in percent)
Sulfur dioxide	0.78	7.56
Carbon dioxide	1960.9	2170.00
Oxides of nitrogen	0.88	2.01
High-level nuclear waste <sup>3</sup>	0.00	0.0083

<sup>1</sup> 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 electric supplier. These rates do not account for the steam energy produced at our district heating plants. Generation split is based on actual 2015 data.

<sup>2</sup> Regional average (2015-16) in Michigan, Illinois, Indiana, Ohio and Wisconsin. MPSC update Oct. 31, 2016.

<sup>3</sup> We Energies 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.

