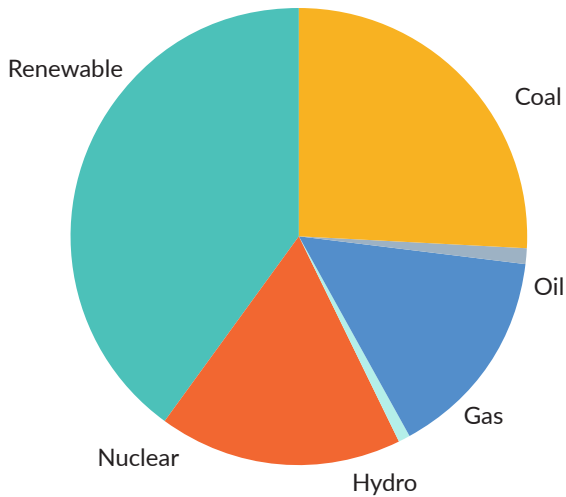




The environmental characteristics of your electricity as reported to the Michigan Public Service Commission pursuant to Public Act 141 of 2000 are as follows.

Average fuel mix comparison – Wolverine’s regional average for Spartan Renewable Energy versus ECAR’s regional average for the 12-month period ending June 30, 2020.

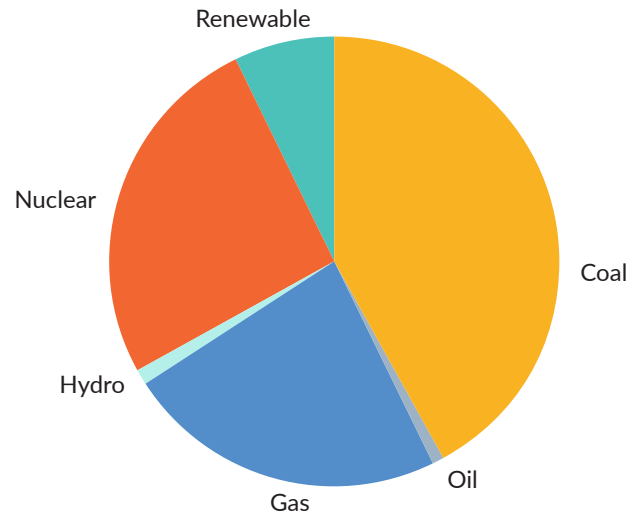
Percent of Fuel Type Used to Produce Spartan Renewable Energy’s Total Electricity



Coal	26.65%
Oil	0.26%
Gas	15.07%
Hydro	0.48%
Nuclear	16.96%
Renewable	40.58%

Total Net Generation and Purchased Power 100%

Percent of Fuel Type Used to Produce Electricity in Michigan, Illinois, Indiana, Ohio and Wisconsin



Coal	41.81%
Oil	0.41%
Gas	23.61%
Hydro	0.76%
Nuclear	26.61%
Renewable	6.80%

Total Net Generation and Purchased Power 100%

Airborne emissions and high-level nuclear waste comparison – Wolverine’s regional average for Spartan versus ECAR’s regional average for the 12-month period ending June 30, 2020.

Type of Emission/ Waste	Spartan’s Average (Pounds/MWh)	Regional Average of All Generation in Michigan, Illinois, Indiana, Ohio and Wisconsin (Pounds/MWh)
Sulfur Dioxide	0.80	1.25
Carbon Dioxide	795.5	1,248.0
Oxides of Nitrogen	0.58	0.91
High-Level Nuclear Waste	0.0038	0.0060