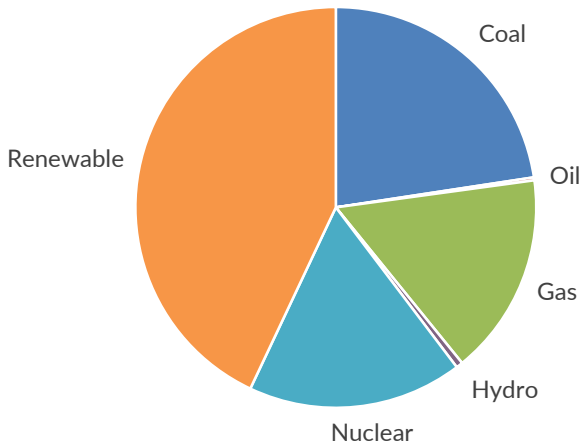




The environmental characteristics of your electricity as reported to the Michigan Public Service Commission pursuant to Public Act 141 of 2000 are as follows.

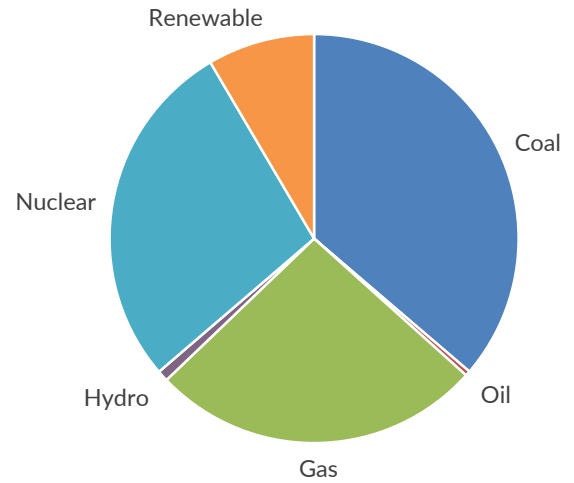
Average fuel mix comparison – Wolverine’s regional average for Spartan versus ECAR’s regional average for the 12-month period ending June 30, 2022.

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



Coal	22.60%
Oil	0.24%
Gas	16.31%
Hydro	0.54%
Nuclear	17.33%
Renewable	42.98%
Total Net Generation and Purchased Power	100.00%

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



Coal	36.27%
Oil	0.39%
Gas	26.18%
Hydro	0.87%
Nuclear	27.82%
Renewable	8.47%
Total Net Generation and Purchased Power	100.00%

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, 2022.

Type of Emission/ Waste	Spartan’s Average (Pounds/MWh)	Regional Average of All Generation in Michigan, Illinois, Indiana, Ohio and Wisconsin (Pounds/MWh)
Sulfer Dioxide	0.72	1.16
Carbon Dioxide	705.8	1,133
Oxides of Nitrogen	0.51	0.82
High-Level Nuclear Waste	0.0037	0.0060