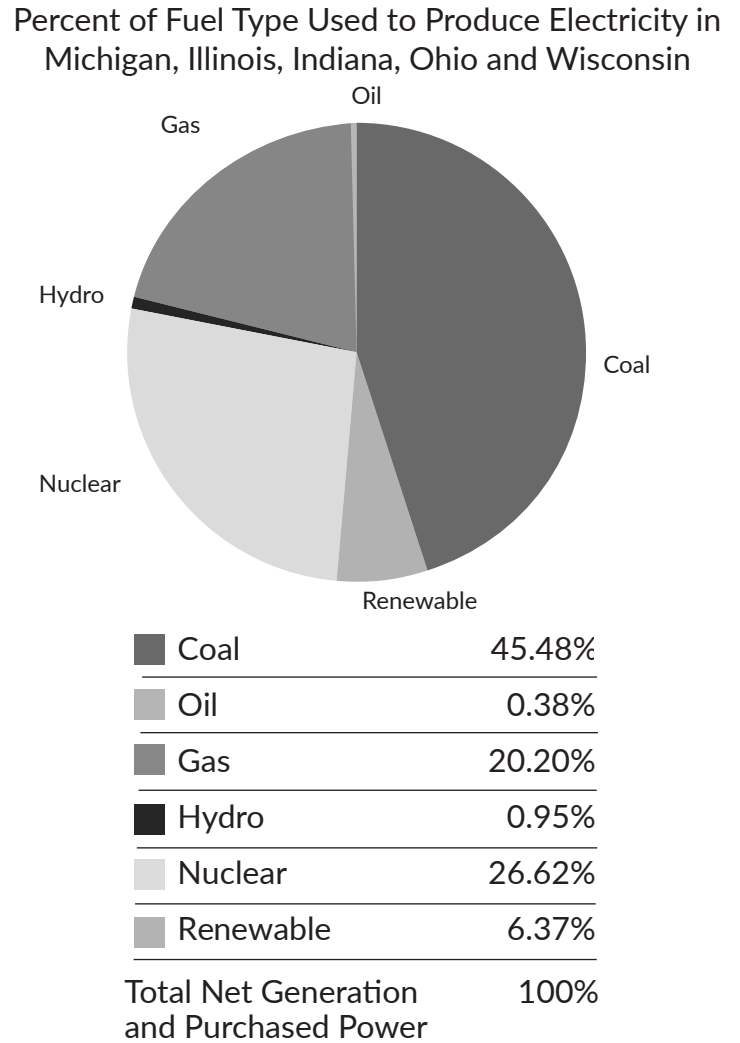
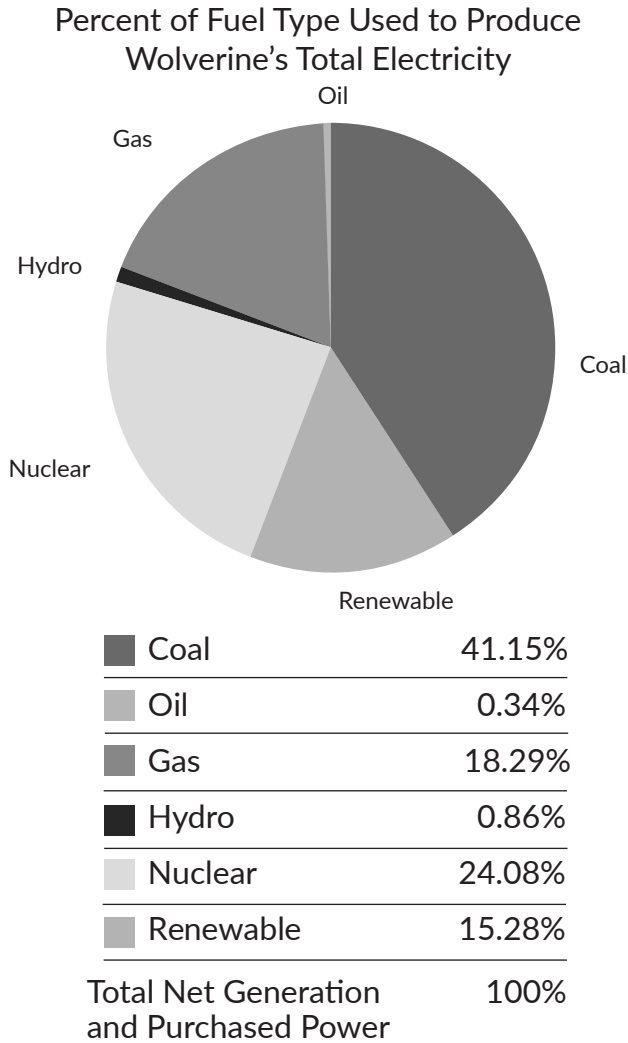


The environmental characteristics of your electricity as reported to the Michigan Public Service Commission pursuant to Public Act 141 of 2000 are as follows.

Average fuel mix comparison – Wolverine’s regional average versus ECAR’s regional average for the 12-month period ending June 30, 2019.



Airborne emissions and high-level nuclear waste comparison – Wolverine’s regional average versus ECAR’s regional average for the 12-month period ending June 30, 2019.

Type of Emission/ Waste	Wolverine’s Average (Pounds/MWh)	Regional Average of All Generation in Michigan, Illinois, Indiana, Ohio and Wisconsin (Pounds/MWh)
Sulfur Dioxide	2.1	2.4
Carbon Dioxide	1,733.5	1,916
Oxides of Nitrogen	1.2	1.3
High-Level Nuclear Waste	0.0054	0.0060