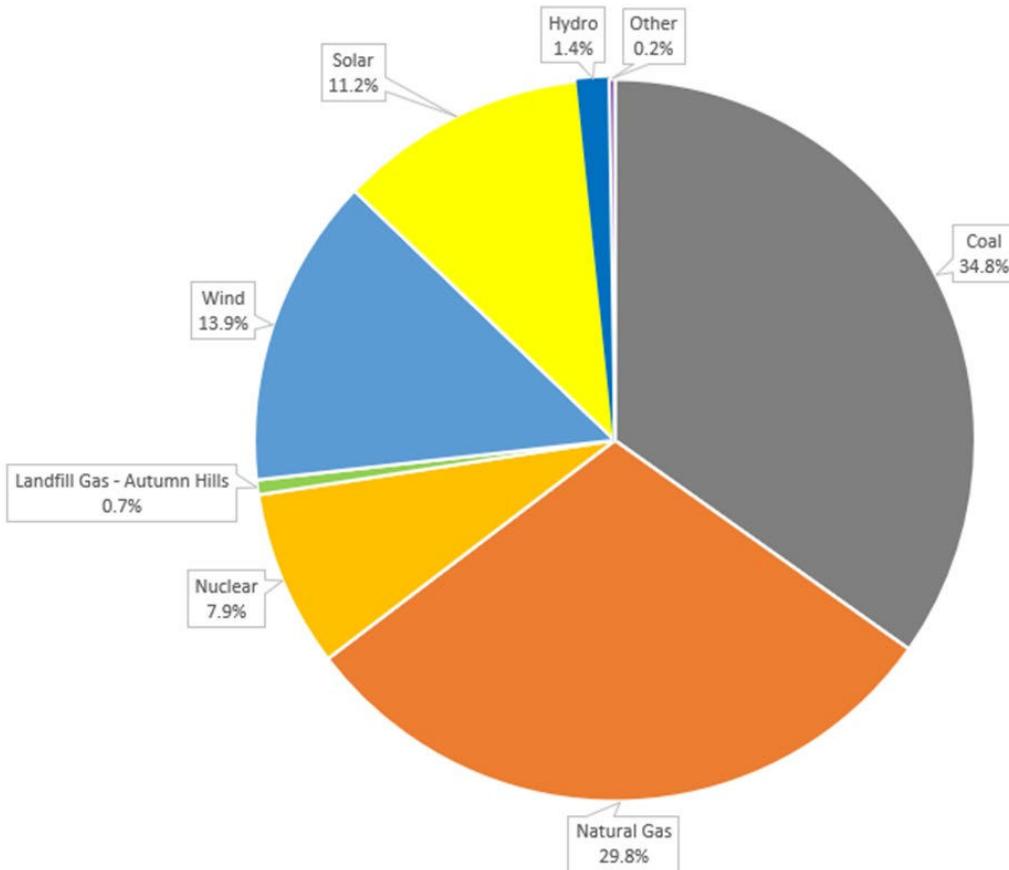


## **2024 Power Supply Portfolio - Fuel Composition**

Revised: 3/10/2025

The Zeeland BPW's 2024 power supply portfolio fuel composition is provided below, which is based on the actual energy received from our various sources. Energy received from resources in which the BPW has an ownership stake or purchase power agreement (PPA) have been allocated accordingly. The balance of the BPW's annual energy requirement, a significant portion, is supplied through bilateral purchases and market transactions within the MISO market. Because the sources of those transactions are not specifically identified, the actual 2024 fuel mixture data for the MISO Central Region was used to allocate those accordingly.

Energy received from the Autumn Hills landfill gas generation facility is included, although it ceased operations May 31, 2024. The BPW will continue to retire Renewable Energy Credits received in accordance with the State of Michigan's 15% Renewable Portfolio Standard (RPS).



The BPW's 2024 estimated greenhouse gas emission factor is 0.485 metric tons CO2 / MWh. This estimate is based on the portfolio fuel composition above, and the most recent U.S. Energy Information Administration's (EIA) average operating heat rates by energy source and CO2 uncontrolled emission factors by fuels used in electric power generation.