



Dykema Gossett PLLC

Capitol View
201 Townsend Street, Suite 900
Lansing, MI 48933

WWW.DYKEMA.COM

Tel: (517) 374-9100

Fax: (517) 374-9191

Jason T. Hanselman

Direct Dial: (517) 374-9181

Direct Fax: (855) 259-3569

Email: JHanselman@dykema.com

December 19, 2024

Via MPSC Electronic Filing System

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 West Saginaw Highway
3rd. Floor
Lansing, Michigan 48909

Re: U-12487

Dear Ms. Felice:

Attached for electronic filing is Spartan Energy's Fuel Mix & Emissions Report. If you have any questions, please contact me.

Sincerely,

Dykema Gossett PLLC

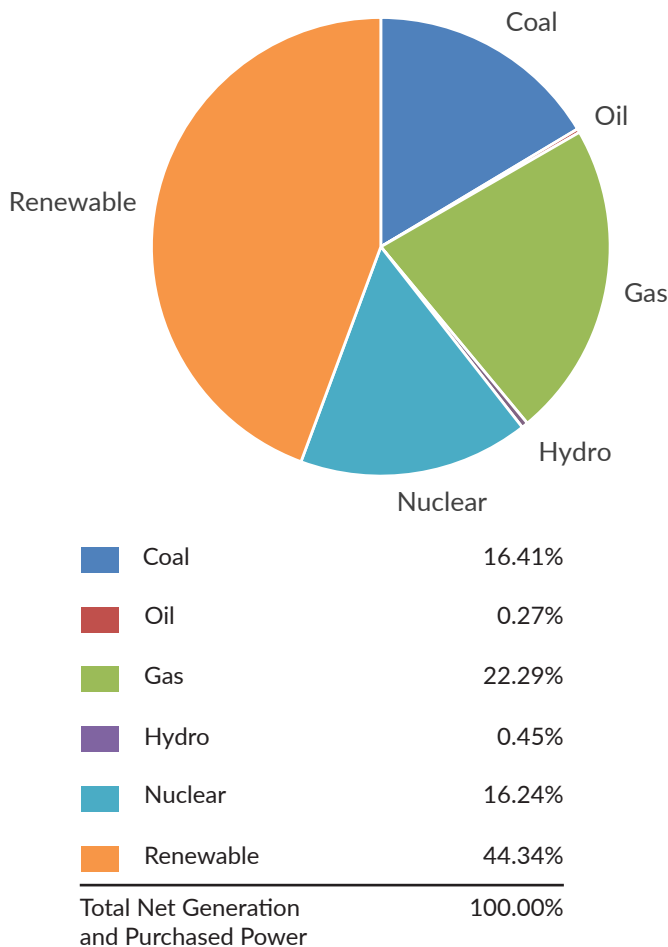
A handwritten signature in blue ink that reads "Jason T. Hanselman". The signature is fluid and cursive, with the first name "Jason" and last name "Hanselman" clearly legible.

Jason T. Hanselman

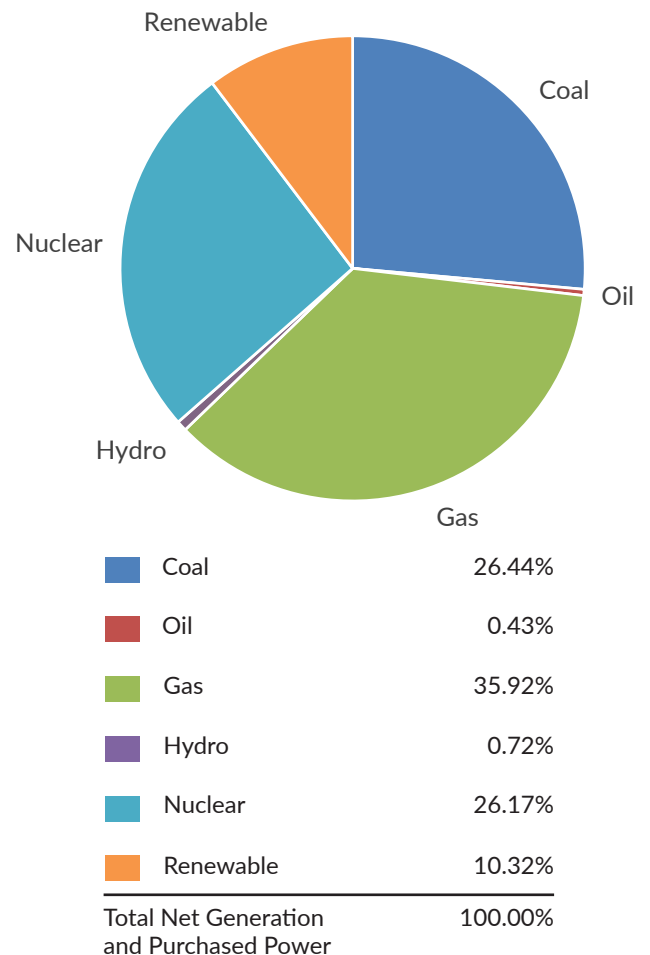
Attachment

Average fuel mix comparison – Wolverine’s regional average for Spartan versus ECAR’s regional average for the 12-month period ending June 30, 2024.

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



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



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, 2024.

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	0.59	0.95
Carbon Dioxide	677.9	1,092.2
Oxides of Nitrogen	0.48	0.78
High-Level Nuclear Waste	0.0037	0.0060