

# House Energy Committee

February 20, 2019



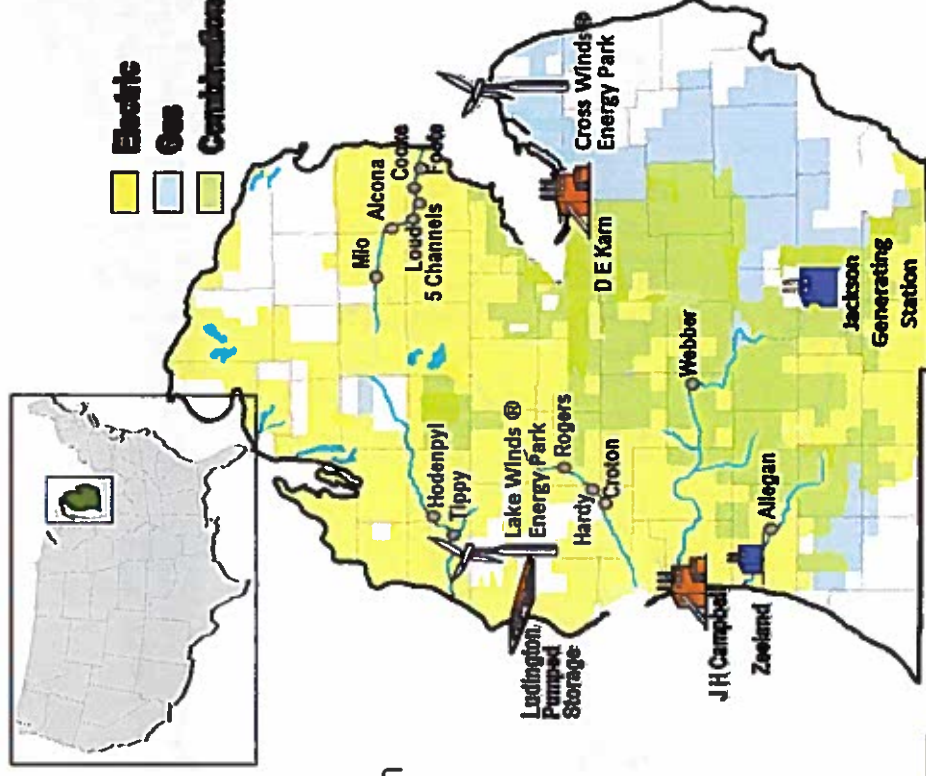
# Consumers Energy is a World Class Utility

## Overview

- Founded in Jackson in 1886
- Workforce of over 12,000 people
- 4<sup>th</sup> largest combination utility (electric and gas) in the country

## Our Service Territory

- Electric Utility
  - 1.8 million electric customers
  - 8,261 MW of capacity
- Gas Utility
  - 1.8 million gas customers
  - 309 bcf gas storage (#1 in the U.S.)
- Serving 6.7 million residents

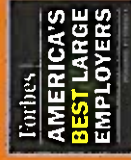




# The Triple Bottom Line



## People



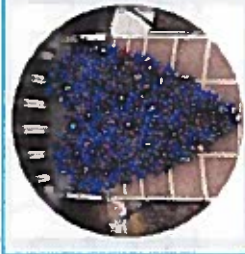
- #1 Employer for diversity in MI by Forbes
- Best place to work in MI by Forbes
- Highest customer satisfaction ever in 2017



## Planet



- #1 Company in MI in Newsweek's "Green Rankings"
- Highest U.S. Utility score by Sustainalytics
- Expanded Cross Winds® to support the Green Tariff

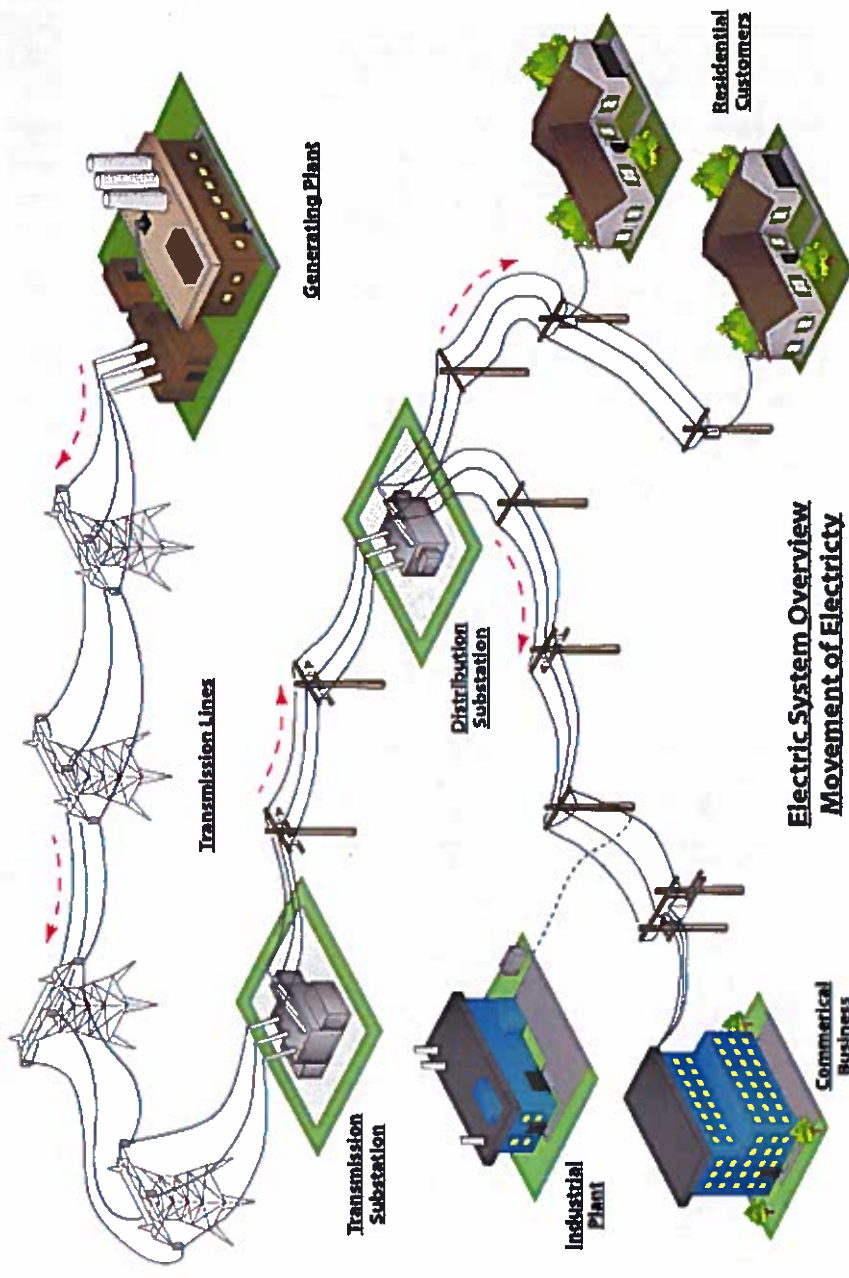


## PROSPERITY

- CE Way enables sustainable business practices
- Supporting Michigan's economic growth and development
- Maximum energy value to customers at affordable prices

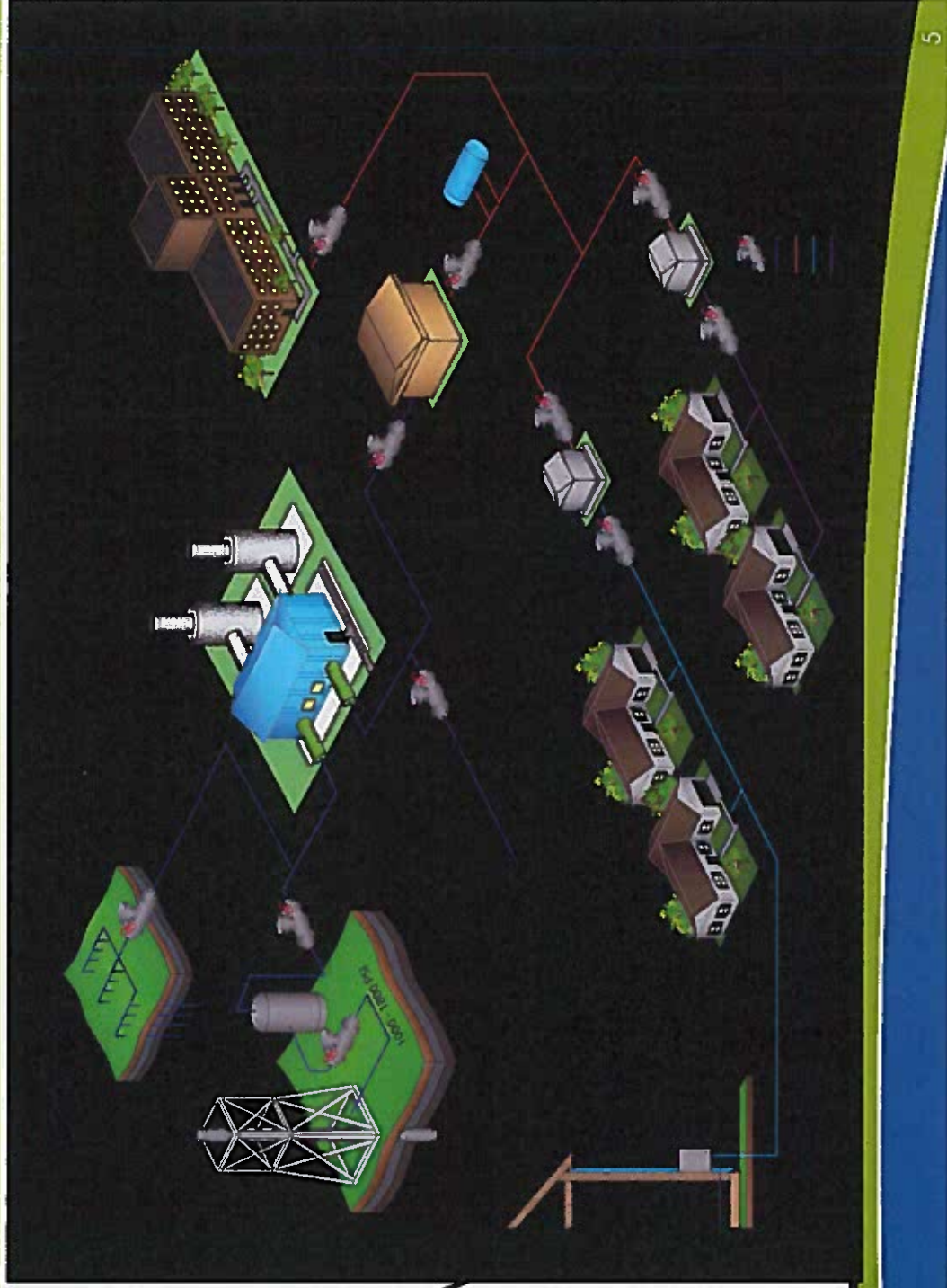
# Electric System Overview

Essential part of the nation's infrastructure



# Natural Gas System Overview

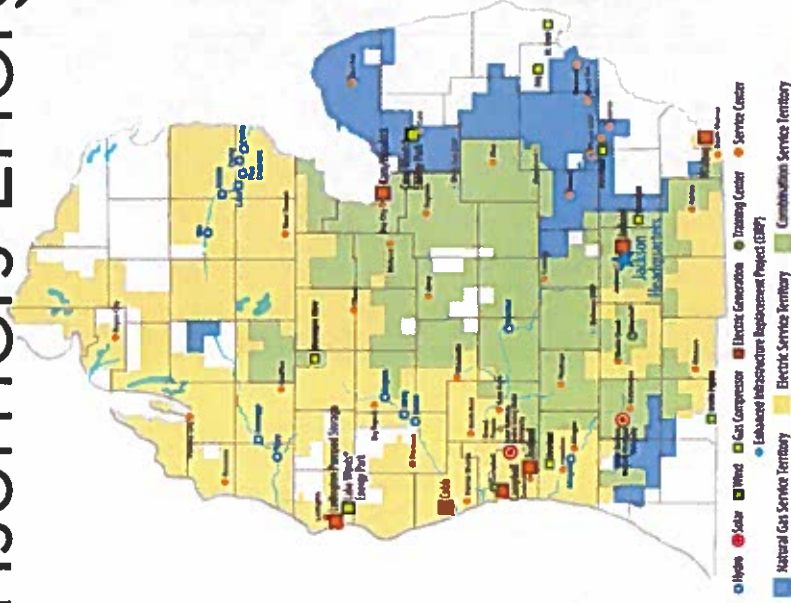
Essential part of the nation's infrastructure





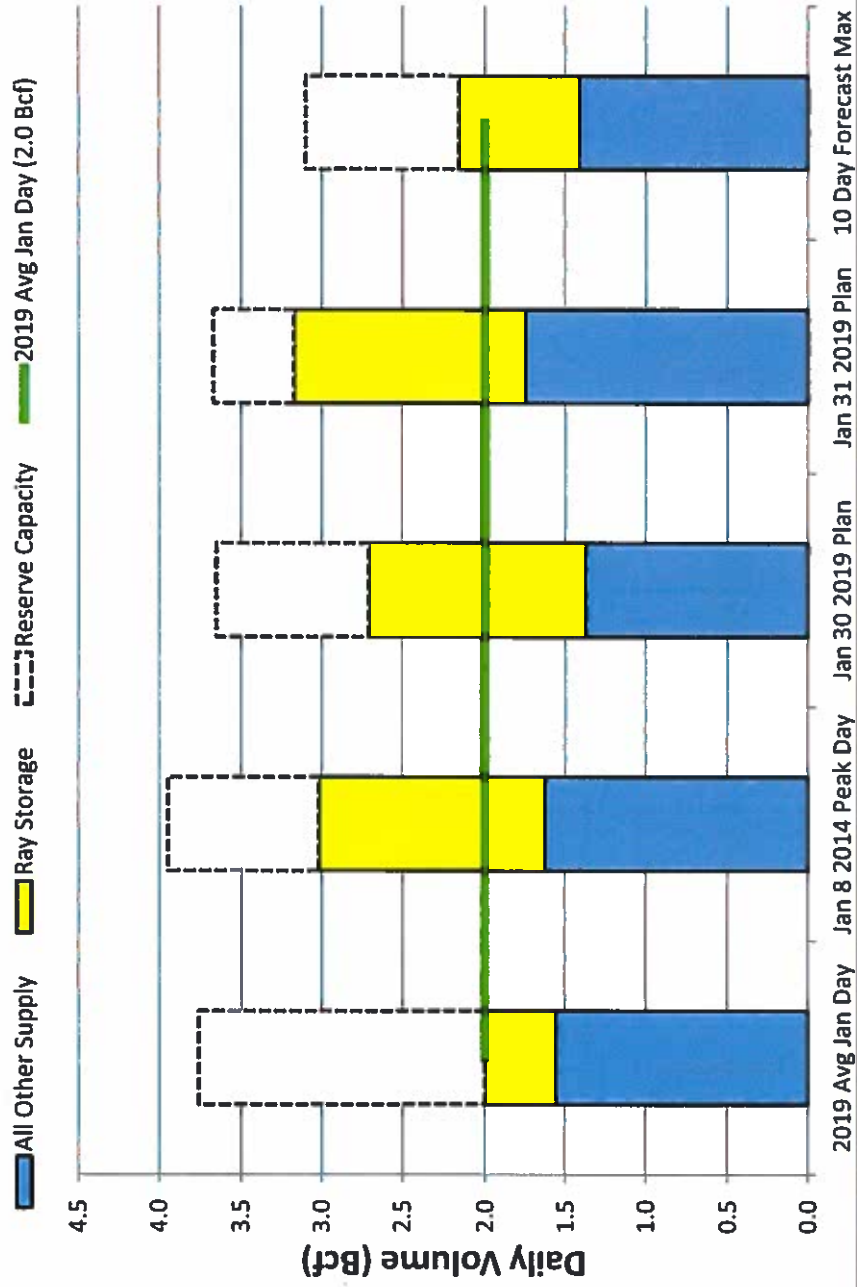
# Consumers Energy: Natural Gas

- 1.7 Million Customers
- 1.6 Million Services
- 27,500 Miles of Distribution Pipeline
- 2,447 Miles of Transmission Pipeline
- 7 Compressor Stations
- 9 Interconnects
- 15 Storage Fields
- 309 bcf of Storage Capacity



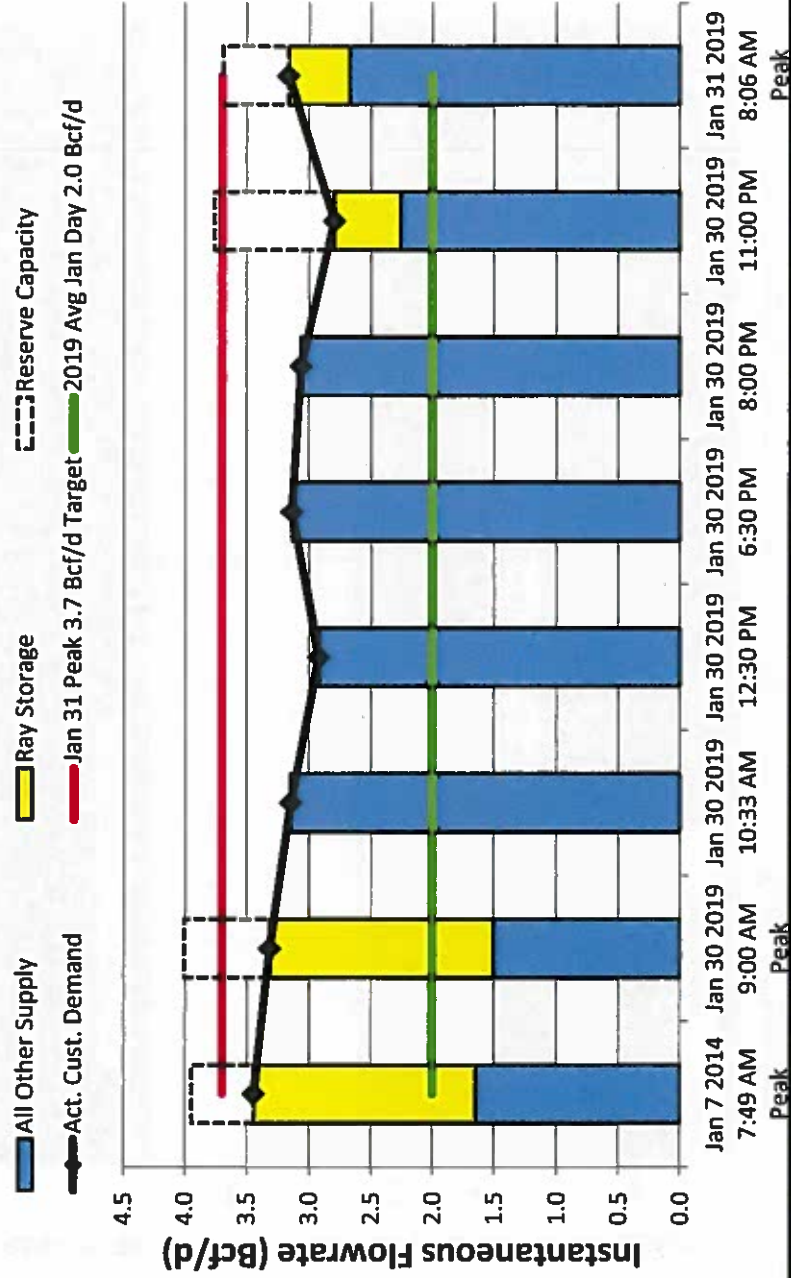
# January 30 Extreme Weather and Ray Fire

# Daily System Demand and Reserve Capacity

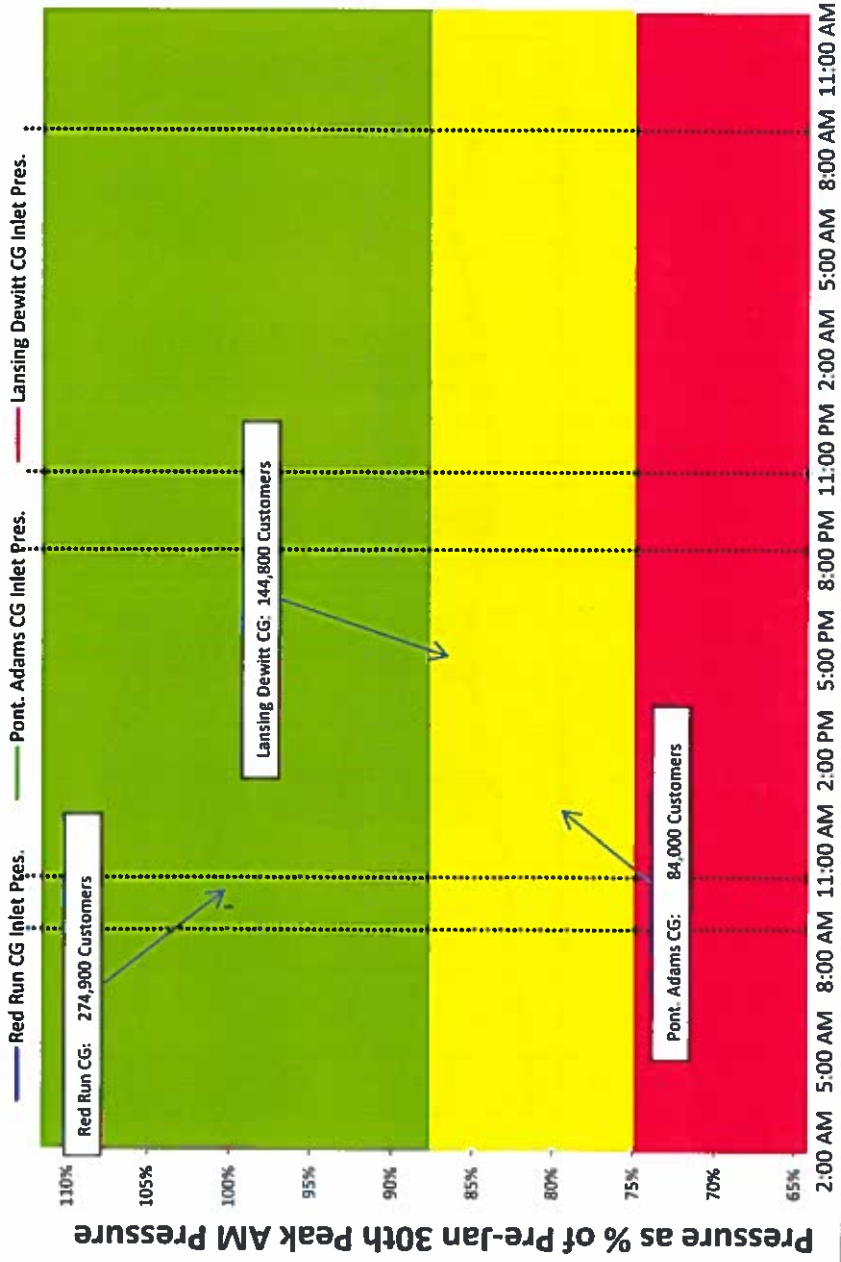




# Key Hourly System Demand and Reserve Capacity - Peaks & Jan 30-31



# CE System Pressures 1/30 - 1/31

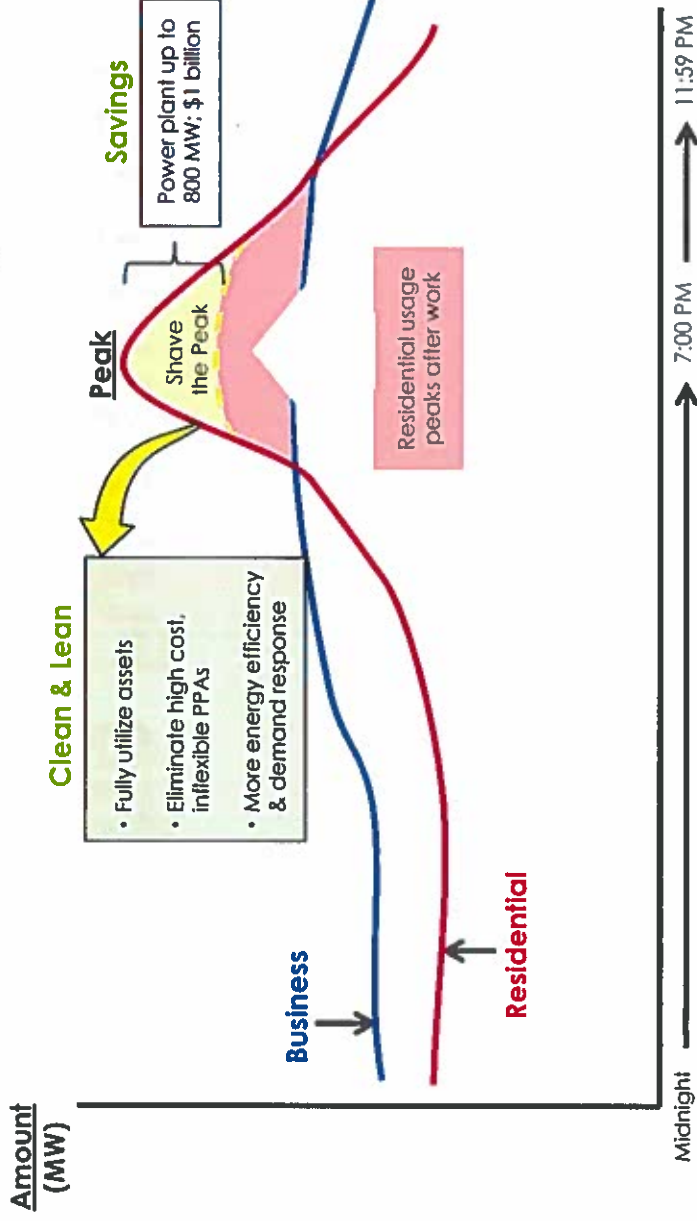


# Investing in the Future: Electric



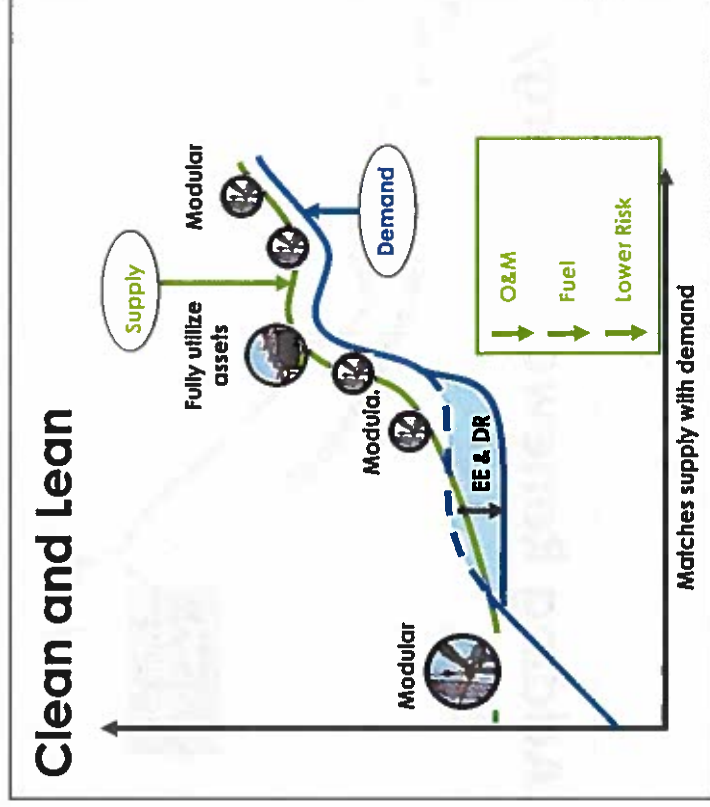
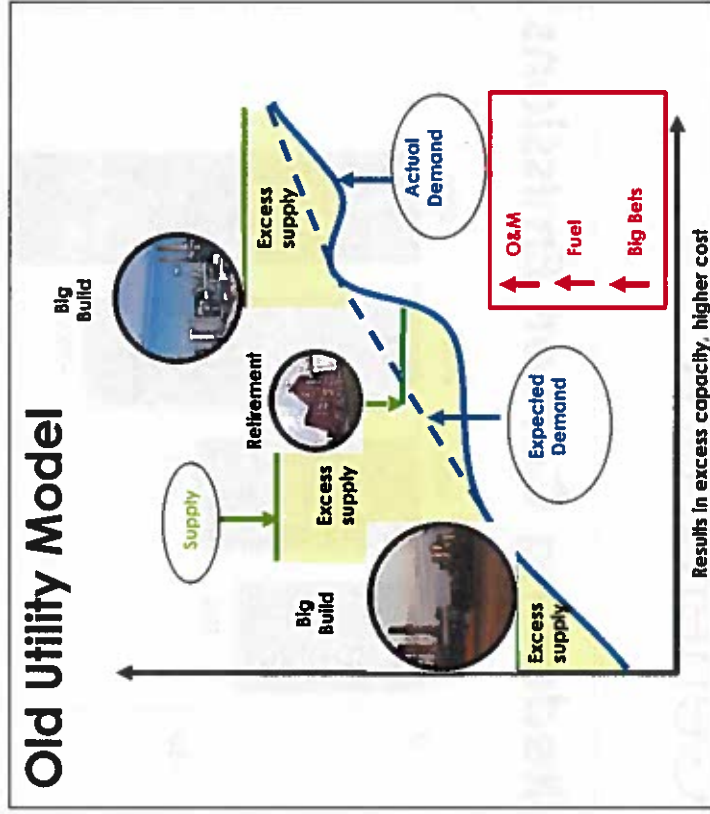
# Residential Demand is Peaky...

Average Demand on a Summer Weekday



... and drives how the system is built

# Clean and Lean Matches Supply with Demand in a modular way



# Protecting Michigan's Environment for Future Generations

