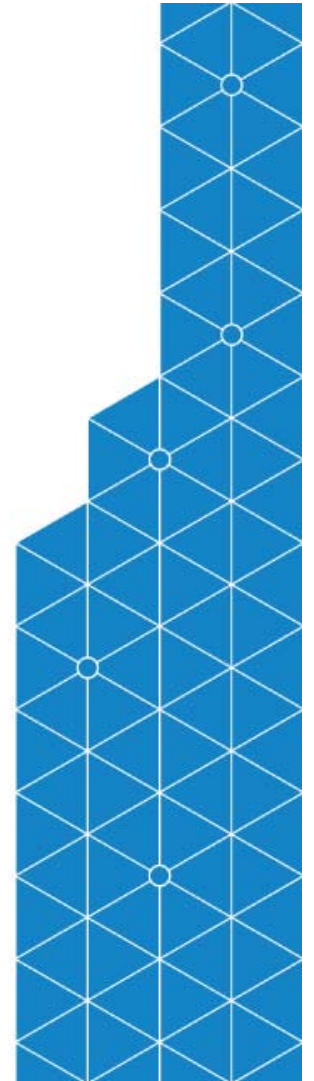




# Coal Panel - Utilities

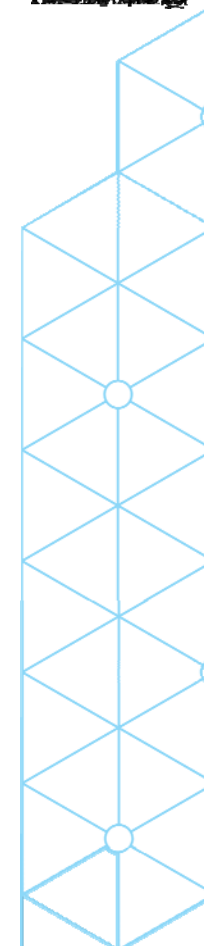
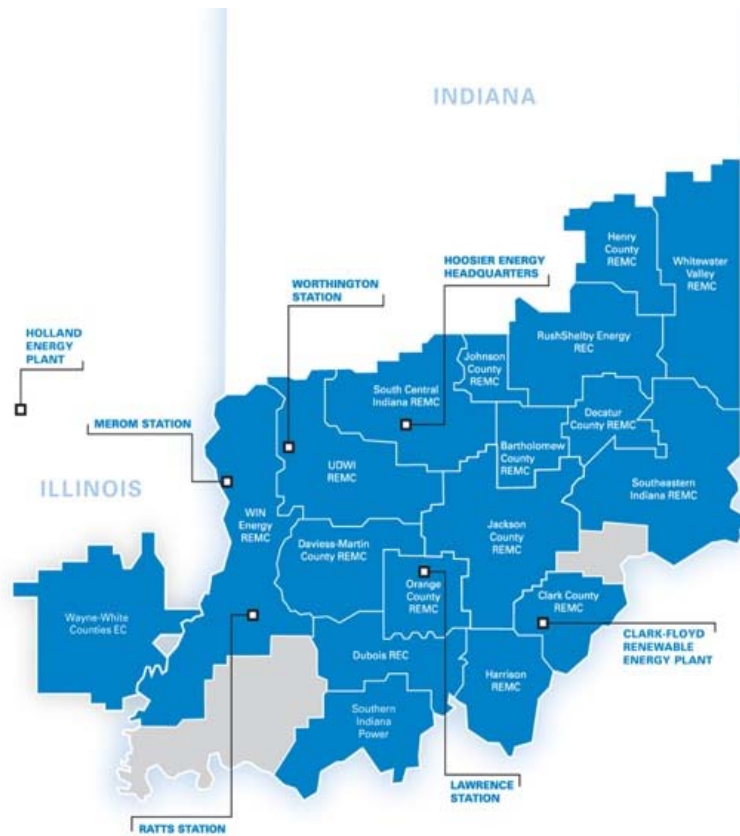
## Hoosier Energy

Mississippi Valley Trade & Transportation Council  
February 23, 2017



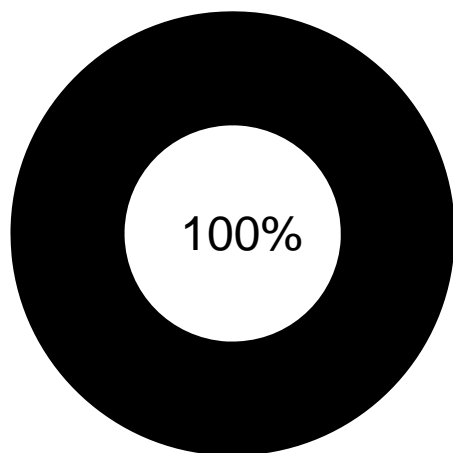
## Mission

To provide member distribution systems with assured, reliable and competitively priced energy and services in a safe and environmentally acceptable manner.

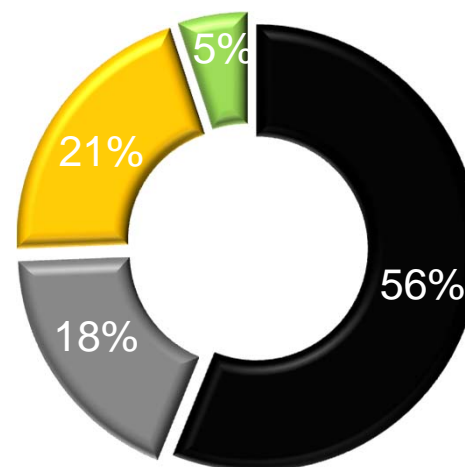


# Generation Portfolio\*

**2000 Owned Generating Capacity (1,250 MW)**

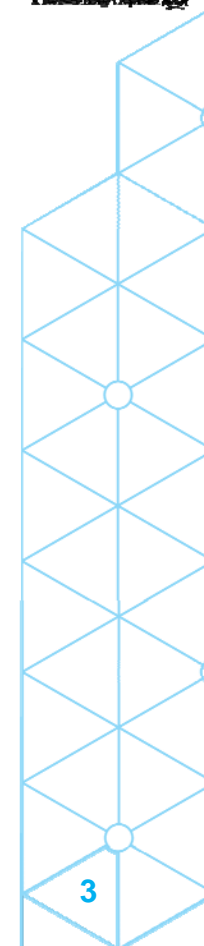


**2017 Owned Generating Capacity (2,150 MW)**



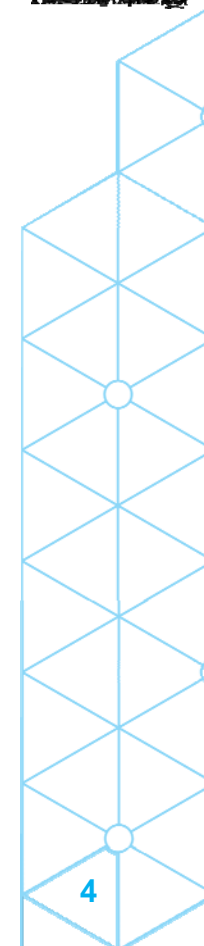
- Coal
- CC NG
- CT Plants
- Renewables

\* Excludes purchased power



# Merom Generating Station

- In operation since 1982
- (2) 500 MW units
  - Scrubbers, ESP, SCR, SBS, MATS, Landfill
- Upcoming Challenges
  - Regulations
  - Operational Flexibility
    - MISO

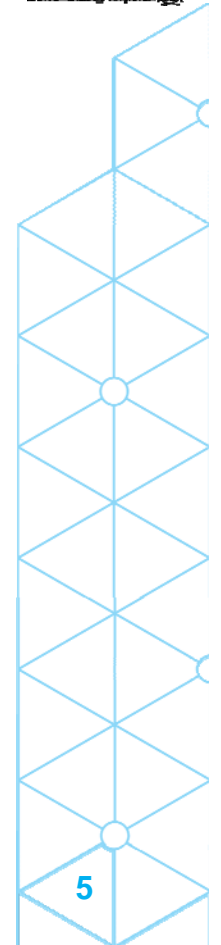
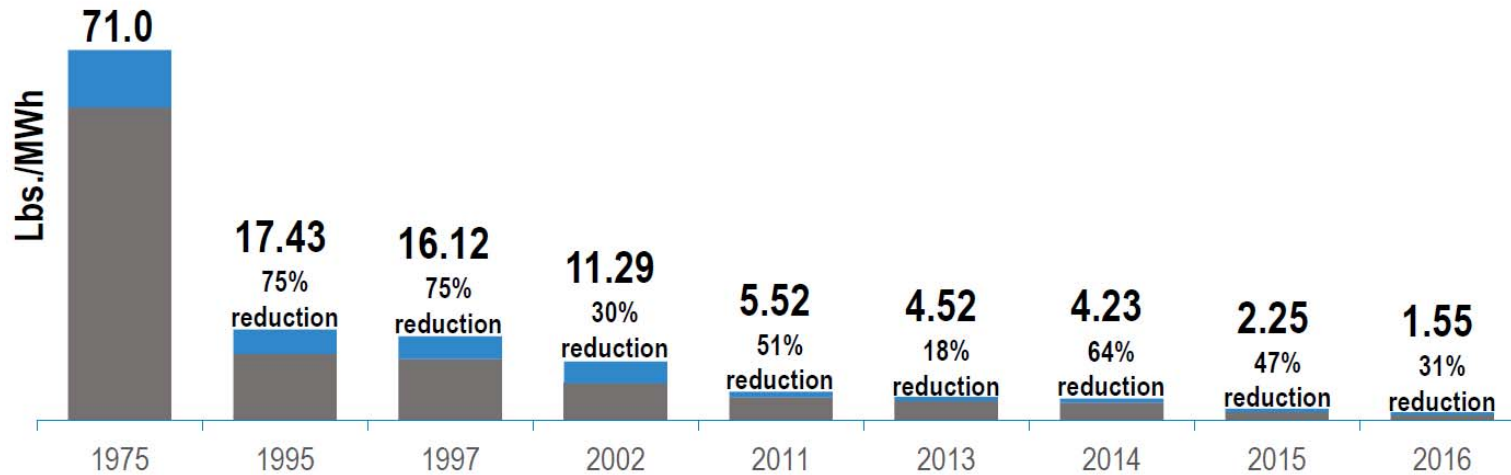


# Emissions Data

1975-2016 (98% reduction)



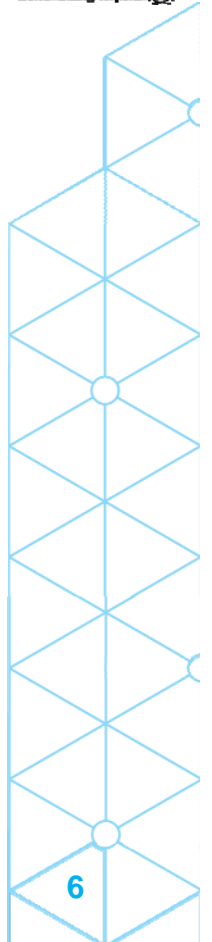
NITROGEN OXIDE  
SULFUR DIOXIDE



# Compliance



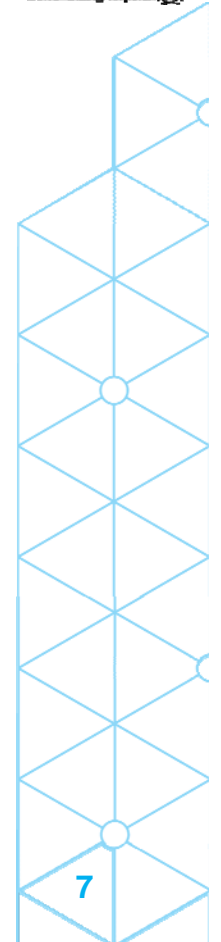
- 316a Clean Water Act Thermal Limits
- CAIR – Clean Air Interstate Rule
- CAMR – Clean Air Mercury Rule
- CCR – Coal Combustion Residuals
- CSAPR – Cross State Air Pollution Rule
- MATS – Mercury & Air Toxics Standards
- NPDES – National Pollutant Discharge Elimination System
- NSPS – New Source Performance Standard
- SPCC – Spill Protection Control & Countermeasures



# Generating Assets – Natural Gas

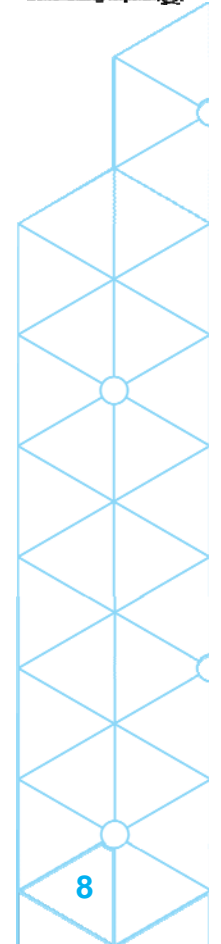
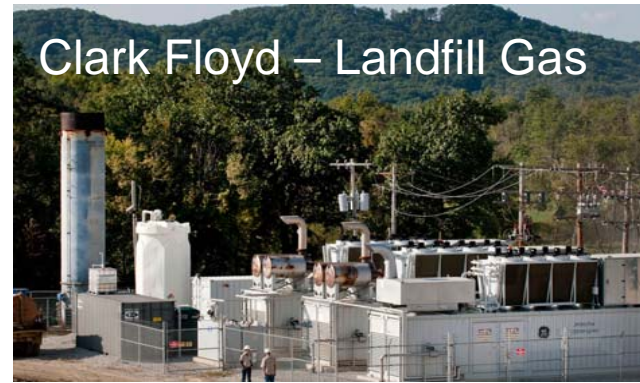


- 625MW Combined Cycle
- Co-Owner with Wabash Valley Power Cooperative



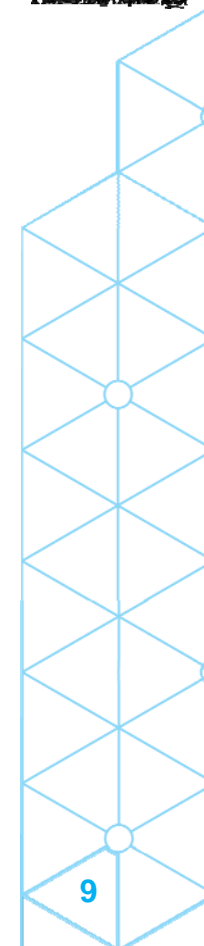


# Generating Assets – Renewable Energy

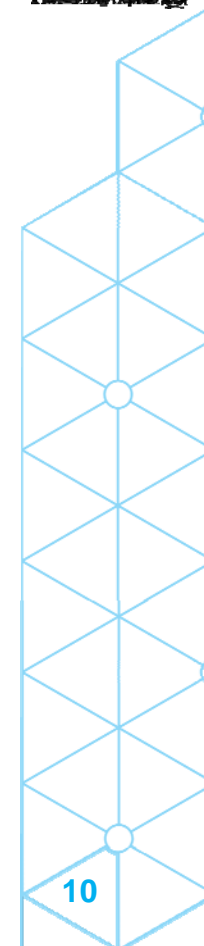
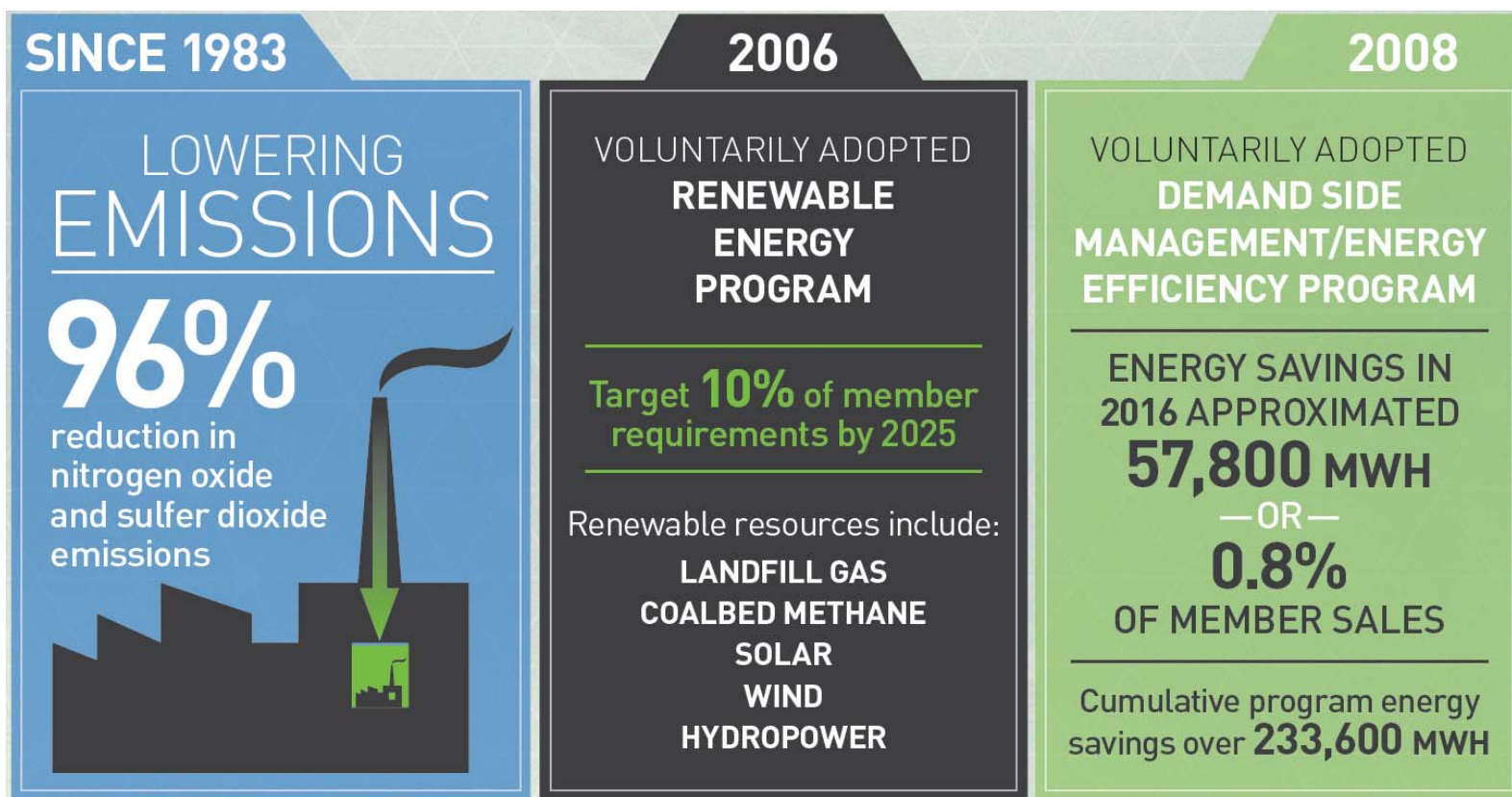




# Generating Assets – Renewable (PPA)



# “All of the Above”



**Questions?**

