WIndiana 2011

Indiana Renewable Energy Conference

Greg Wagoner
VP, Business Development

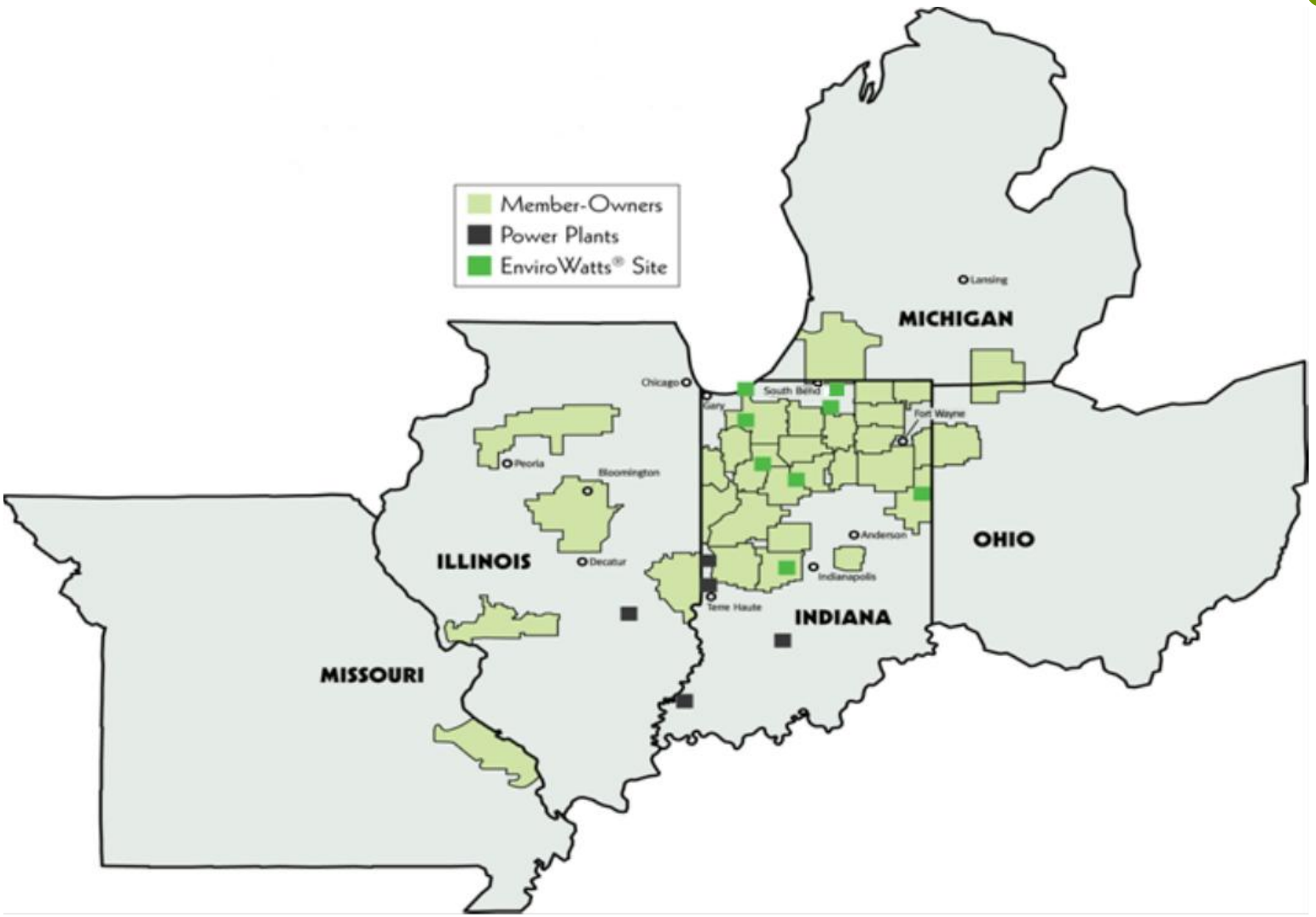
Wabash Valley Power
energy smart

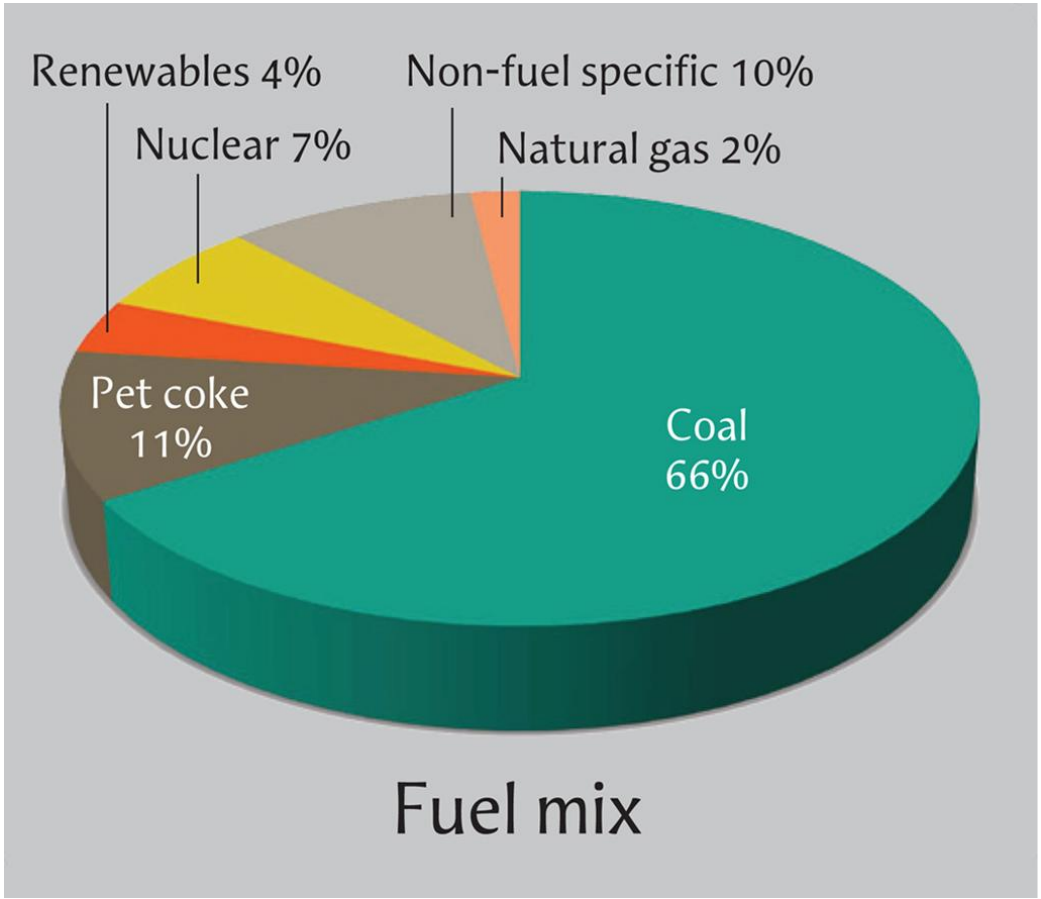
A Touchstone Energy® Cooperative

GOING BEYOND WIND

"Diversifying Your Power Supply Portfolio"

Membership


Member-Owners
Power Plants
EnviroWatts® Site
Lansing
MICHIGAN
Chicago
South Bend
Fort Wayne
Peoria
Bloomington
Decatur
ILLINOIS
Anderson
Indianapolis
Terre Haute
INDIANA
OHIO
MISSOURI



Diverse Power Supply Portfolio

"Reduce carbon exposure"

Alternative Resources
“Approx 450,000 MWh’s/yr (5%)”

- Landfill Gas Projects
  - Twin Bridges 9.6 MW Danville
  - Liberty 6.4 MW Monticello
  - Oak Ridge 3.2 MW Logansport
  - Jay County 3.2 MW Portland
  - Prairie View 6.4 MW Wyatt
  - Deercroft 6.4 MW Michigan City
  - Wheeler 0.8 MW Hobart
  - Earthmovers 4.8 MW Elkhart
- 325,000 MWH / Year

- Wind Power Purchase
  - AgriWind 8.4 MW Illinois
  - Story County 21 MW Iowa
  - Pioneer Trail 10 MW Illinois
- Cattle Digesters
  - Fair Oaks Dairy
  - Bos Dairy
  - Hidden View Dairy
  - Herrema Dairy
- 125,000 MWH / Year

Interconnection Process

Host Utility Requirements

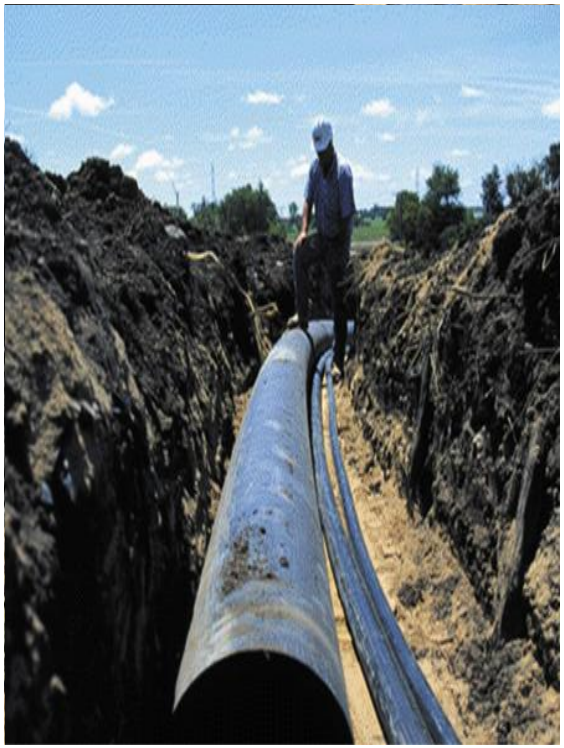
“Behind the Meter Generation”

Air Permit

Typical 4 Engine Plant

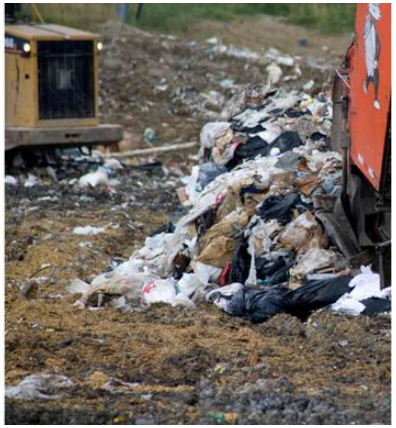
- 3516 – 800 KW
- 3520 – 1600 KW

LANDFILL GAS
LANDFILL GAS ENTERS HERE



- Location Really Matters
- Close to Load
- Forecasting
- Regional Effect

- Prefer PPA
- Digester Performance
- Air Permit



Questions ?

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