

# IURC Summer 2013 Capacity Assessment

Indiana Municipal Power Agency

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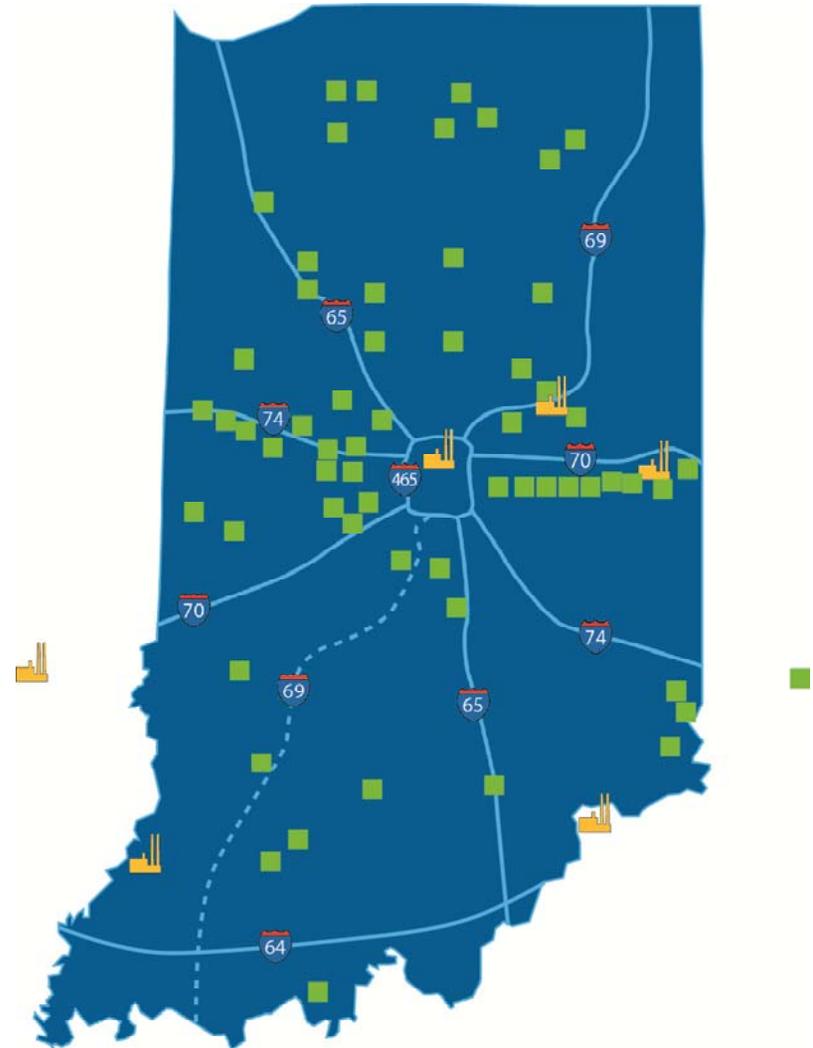
# Presentation Topics

- Company Background and Highlights
- Generation Resources
- EE and Renewables
- 2013 Load/Resource Balance
- EPA Rules
- Summary
- Other Issues



# Indiana Municipal Power Agency

- Non profit full requirements wholesale provider to 60 municipally owned electric distribution systems
- Load in both MISO and PJM
- Portfolio of agency-, joint- and member-owned resources and purchased power contracts
- Joint owner in JTS, but does not operate T&D facilities
- Wholesale only, no retail customers or retail meters



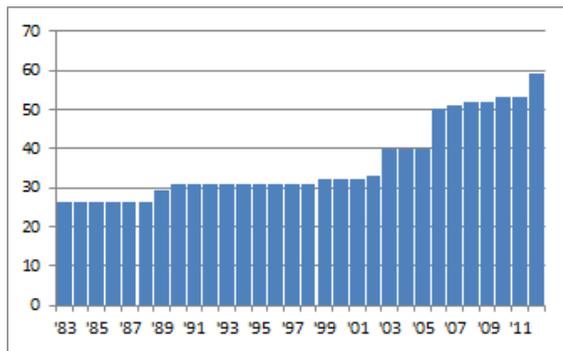
# Indiana Municipal Power Agency

- Governed by member utilities
- Member communities represent a population of approximately 335,000
- Member utilities governed by local councils and boards



# Recent Highlights

2012 marked IMPA's 30<sup>th</sup> year of operations



Added six new members in the last 12 months. IMPA now serves 60 communities, up from 26 in 1983.

Prairie State Units 1 and 2 placed in commercial operation.



Completed first year of the Energizing Indiana program.



# Generating Resources

(Capacity Represents Summer ICAP Ratings)



Gibson 5 - 155 MW



Trimble County 1&2 - 162 MW



Prairie State 1&2 - 206 MW



Anderson & Richmond CTs - 205 MW



Georgetown 2&3 - 157 MW



# Energy Efficiency and Renewables

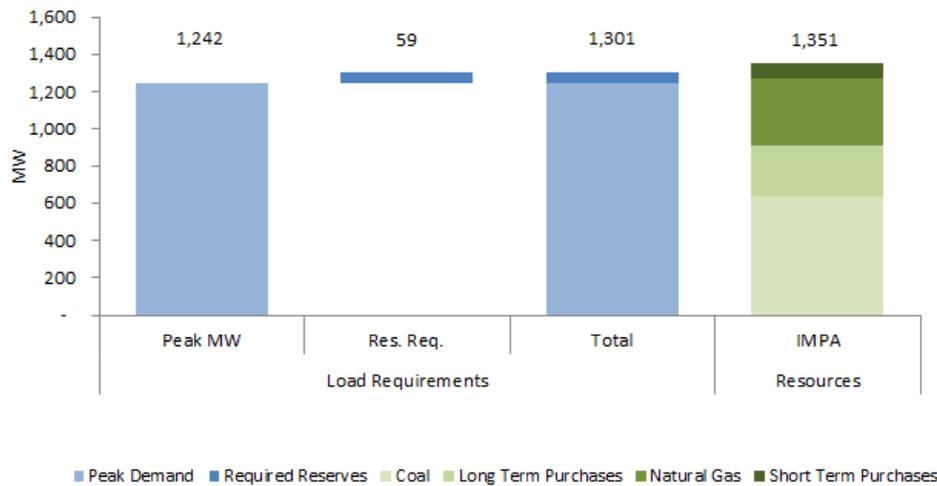
- CORE programs – IMPA actively involved in Energizing Indiana Program
  - IMPA member retail consumers saved 20,564,247 annual kWh in 2012



- Demand Response Tariff
  - Emergency DR Tariffs available to IMPA Members
  - No Participation at this time
- Renewable Energy
  - Wind PPA
  - Small Solar Facilities
  - Net Metering Tariff



# 2013 Balance of Loads and Resources



## Load Requirements

IMPA Peak Demand Requirements 1,242 MW

## Resources - UCAP

Gibson #5	155
Trimble County #1	60
Trimble County #2	87
Prairie State #1	99
Prairie State #2	100
PJM CTs	190
Georgetown CTs	154
Member Generation	153
Purchased Power Contracts	272
Net Market Capacity	81
<b>Total Resources - UCAP</b>	<b>1,351</b>
Required Reserves (per RTO Constructs)	59
Actual Reserves	109
<b>UCAP Reserve Margin</b>	<b>8.8%</b>



# EPA Rules

- In general, IMPA owned generation resources are well-situated to deal with the latest EPA regulations.
- Most of IMPA's coal fired resources utilize state of the art systems to control SO<sub>2</sub> and NO<sub>x</sub>.
- Gibson #5 (155 MW) will require upgrades to comply with MATS. With the CSAPR being vacated, additional SO<sub>2</sub> reductions are not required unless Gibson County were classified as non-attainment in the future. No decision has been made on the specific modifications; expected is a combination of particulate matter control systems upgrade, scrubber structural work, activated carbon, and mercury re-emission chemical.
- Trimble County #1 (65 MW) will require an upgrade to the particulate matter control system to comply with MATS.
- Trimble County #2 (97 MW) and Prairie State #1 & #2 (206 MW) are not expected to require any modifications or additions to comply.
- IMPA CTs will not require any modifications to comply.



# Summer Readiness



- IMPA serves wholesale load in both MISO and PJM
  - 24 Hour market operations center in Carmel, IN
  - Back up operations center at Anderson CT site
  - All power system coordinators are PJM Certified Generation System Operators
- In contact with balancing authorities to take appropriate action in case of system emergencies



# Conclusion

- IMPA is in compliance with MISO and PJM resource adequacy constructs for the summer of 2013
- IMPA has sufficient resources to meet its member needs during the summer of 2013



# Other Issues

- Future Generation
  - 2013 Legislation
  - Renewable Energy
- Rates

- Natural Gas Supply and Coordination

