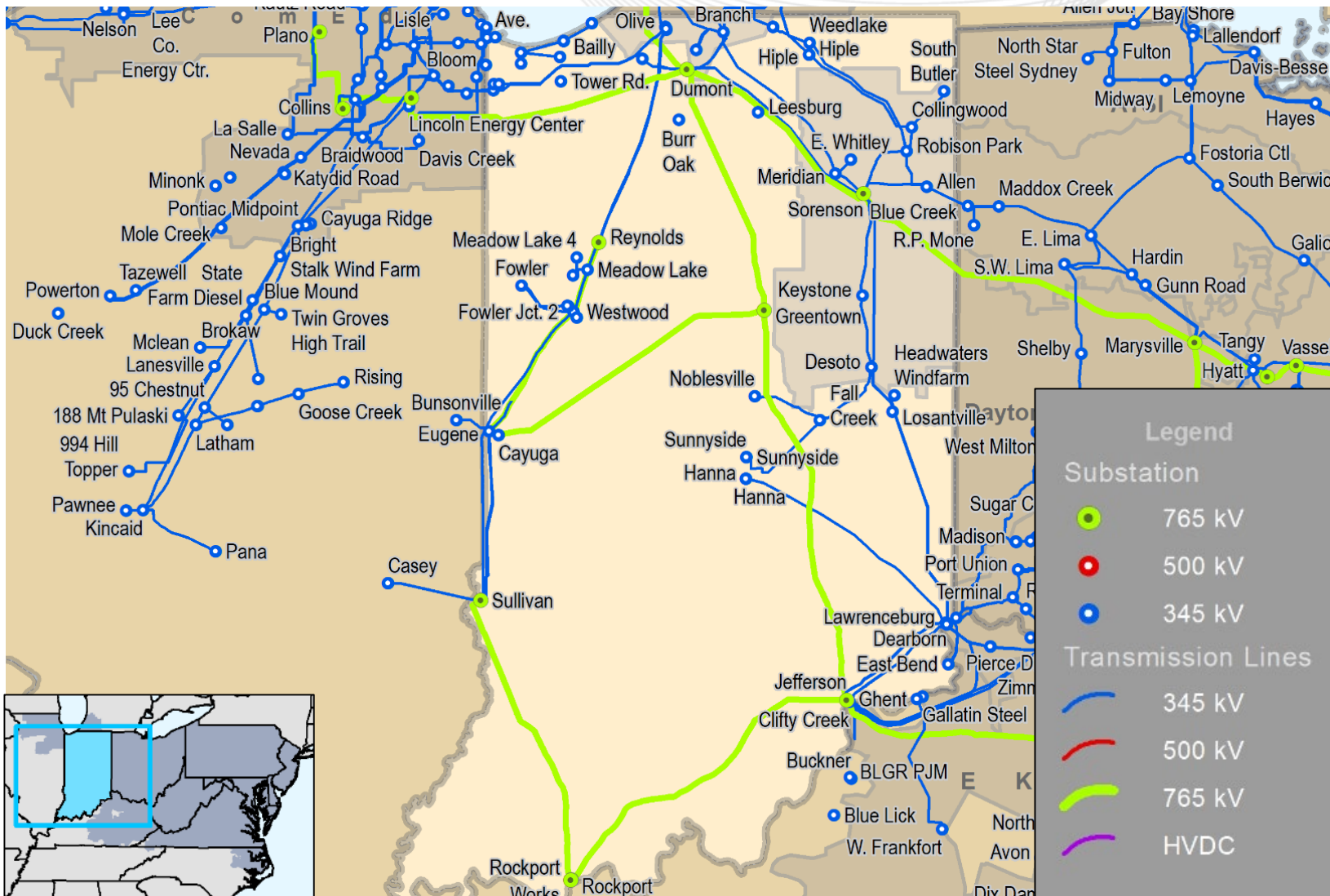




PJM and Transmission Planning

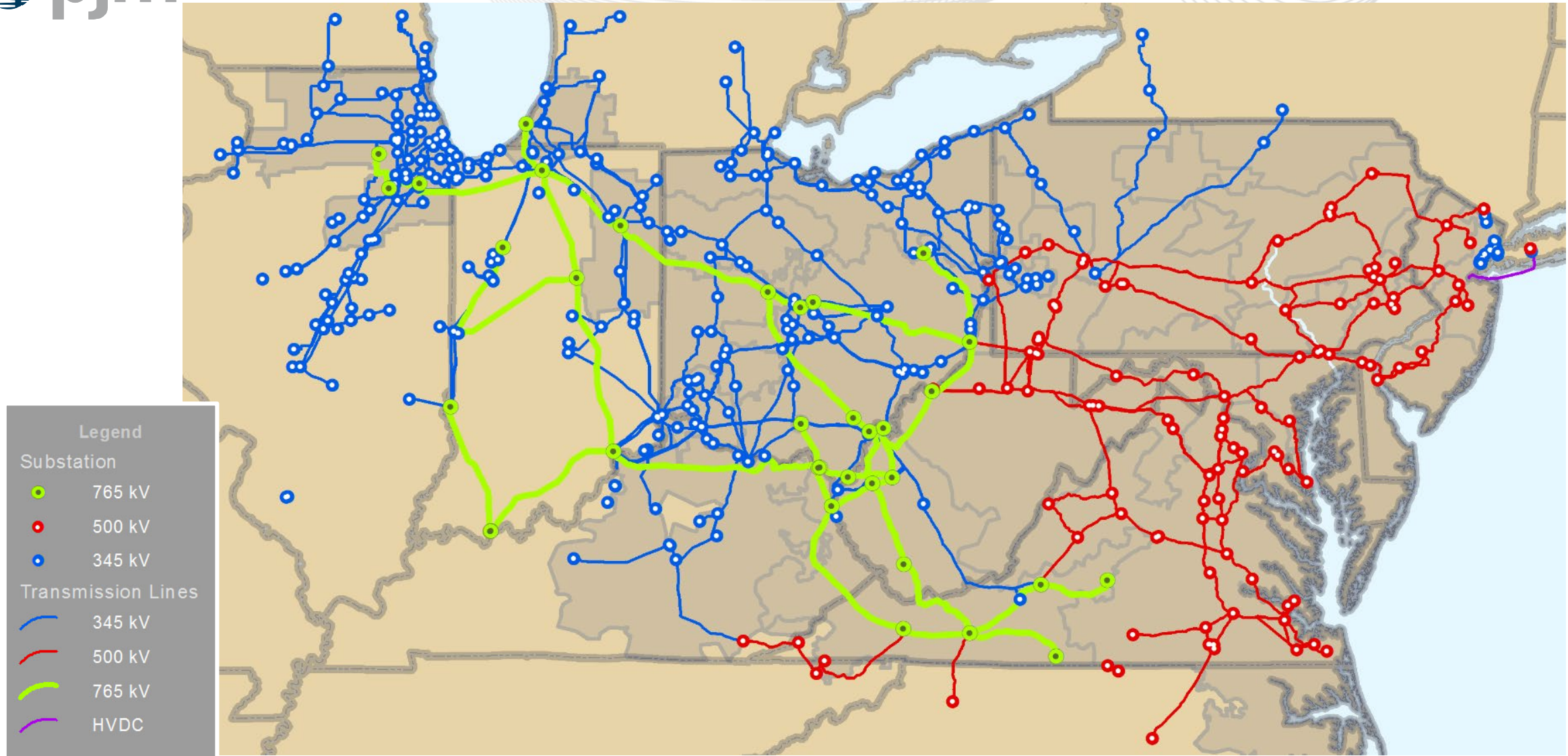
Indiana Utility Regulatory Commission
2020 Contemporary Issues Technical
Conference
August 25, 2020

Suzanne Glatz
Director – Infrastructure Planning
PJM Interconnection

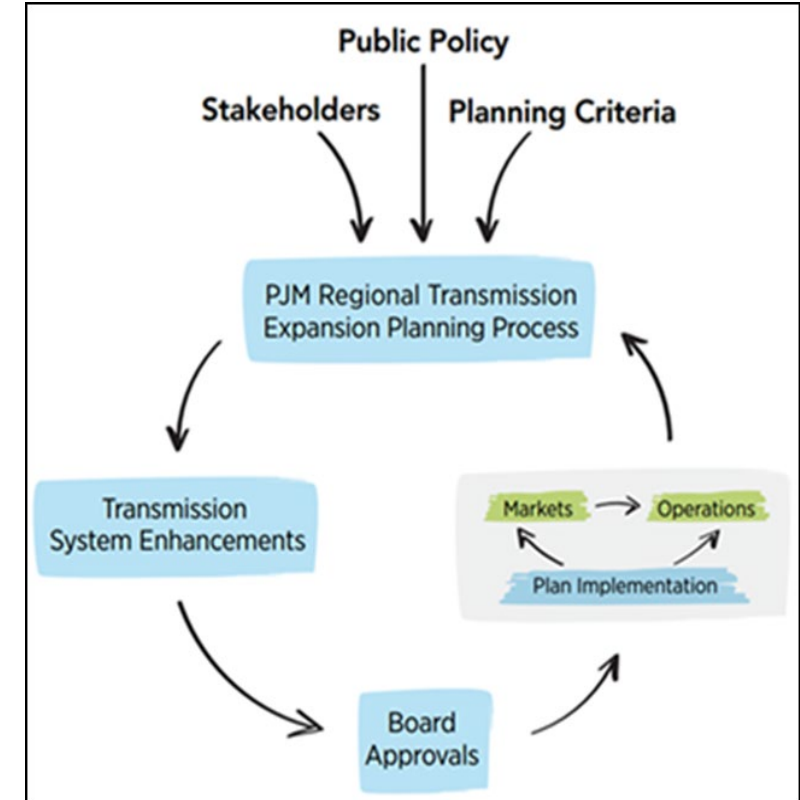
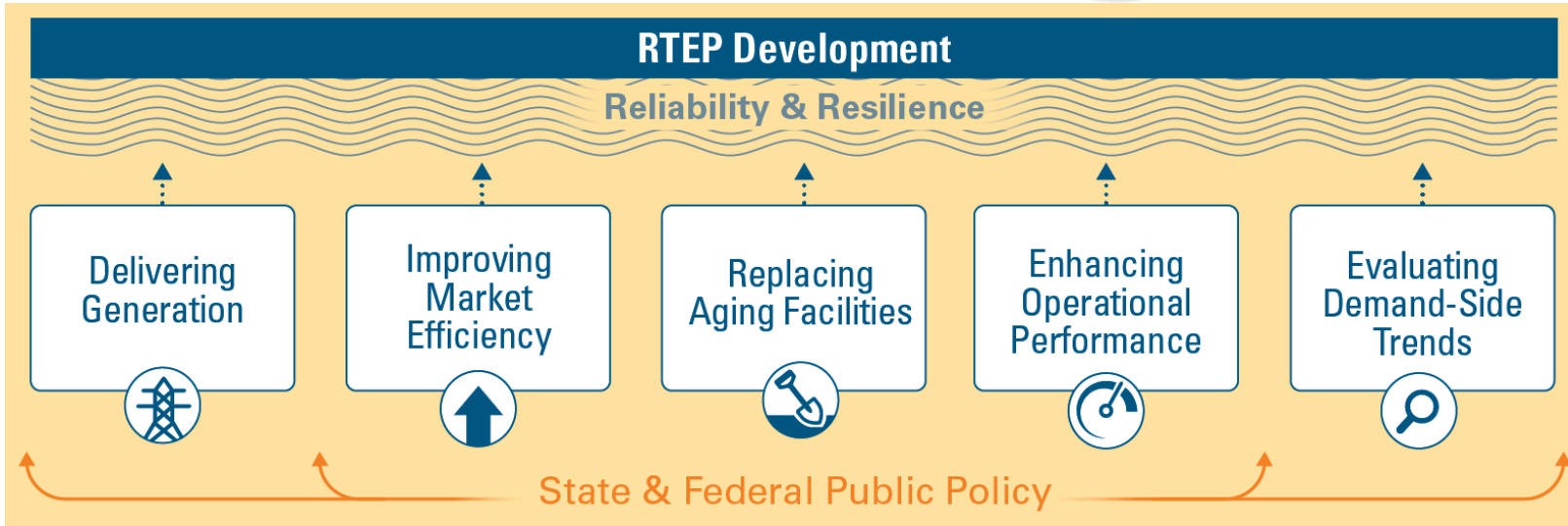


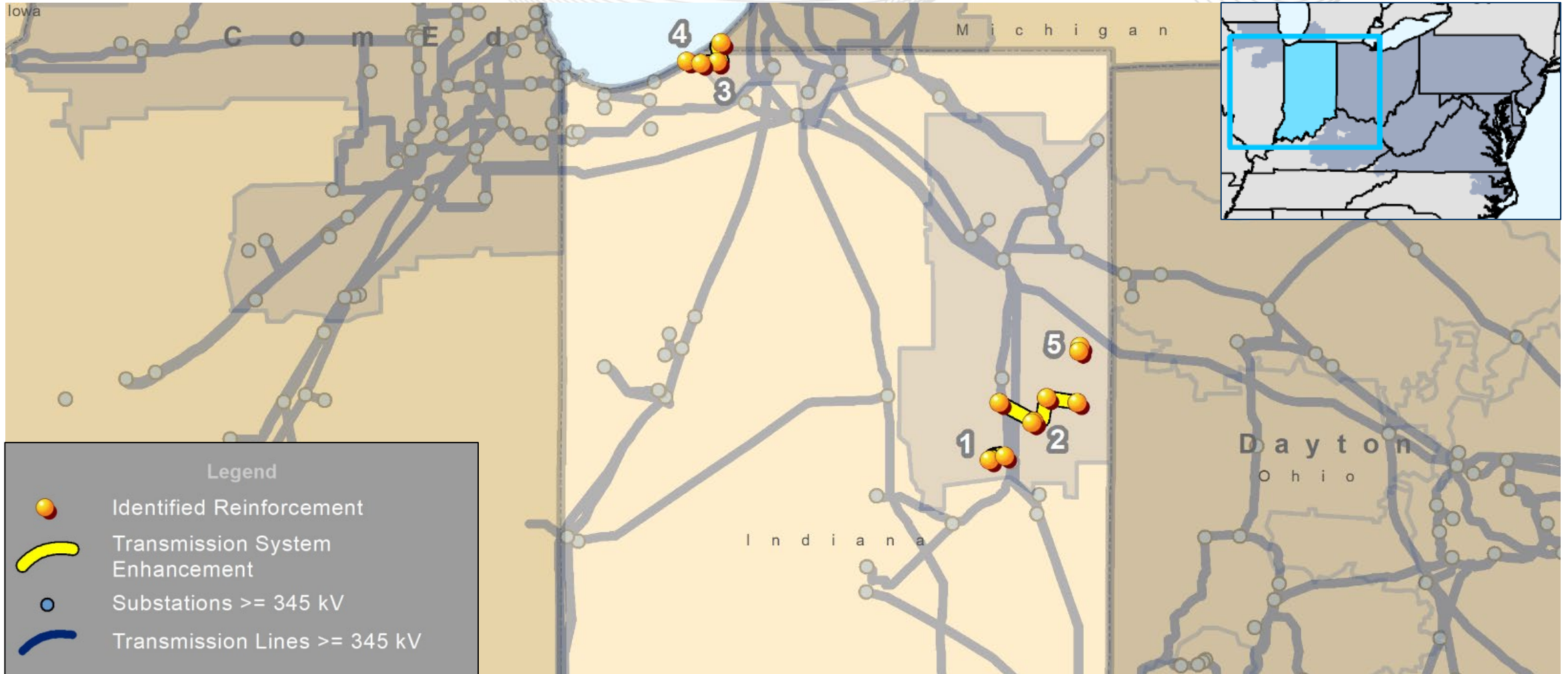
The PJM service area in Indiana is the AEP zone and is represented by the shaded portion of the map.

PJM operates transmission lines that extend beyond the service territory.



Regional Transmission Expansion Planning (RTEP) Process





Legend

- Identified Reinforcement
- Transmission System Enhancement
- Substations ≥ 345 kV
- Transmission Lines ≥ 345 kV

Note: Baseline upgrades are those that resolve a system reliability criteria violation.

Baseline Upgrades

- Resolve a system reliability criteria violation
- Planned through PJM's RTEP and approved by PJM Board of Managers
- Open to competition per Order 1000

≥ 345 kV Double Circuit

≤ 345 kV Single Circuit

50% Regionally Allocated

100% Beneficiaries

50% Beneficiaries

Includes market efficiency and public policy drivers

Network Upgrades

- Resolve violations caused by new or upgraded interconnecting facilities
- Approved by PJM Board of Managers

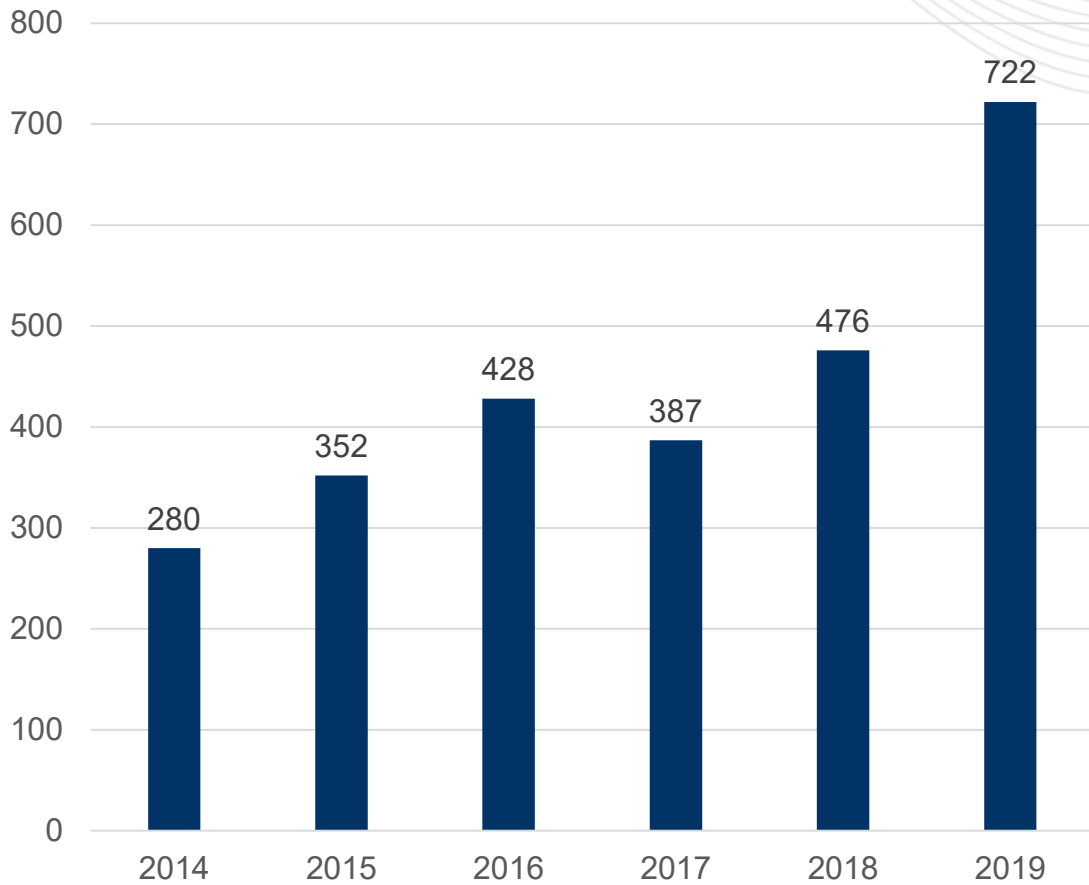
Borne by Interconnecting Party

Supplemental Projects

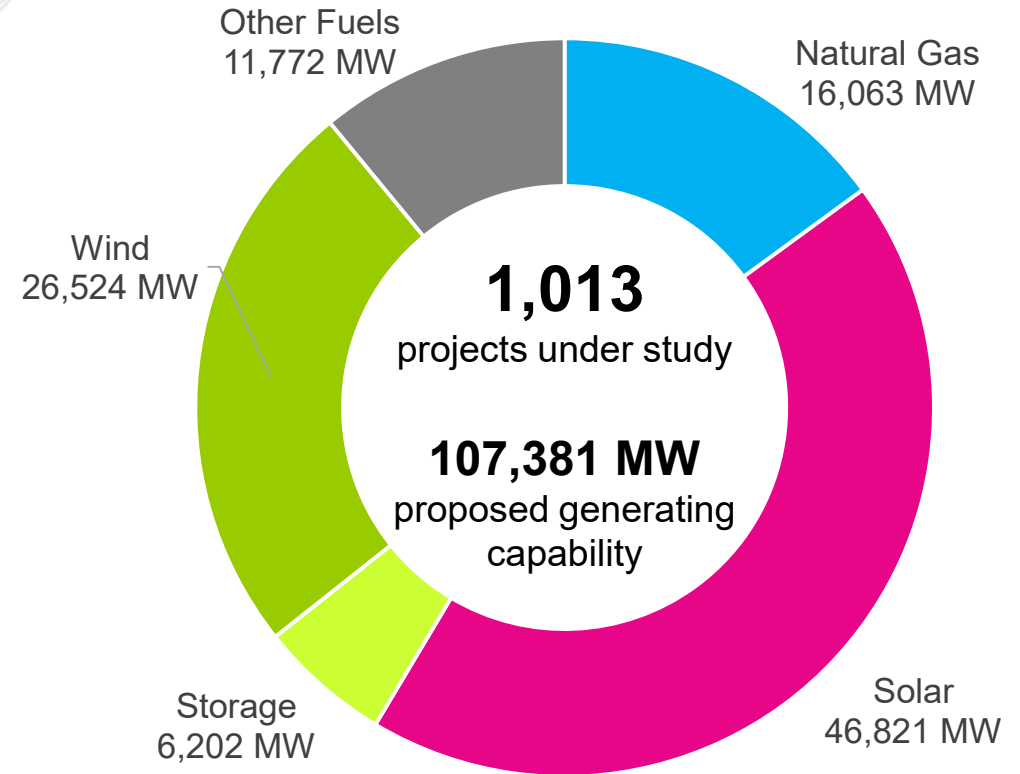
- Developed by TOs to meet local needs
- Approved by TOs
- Presented to stakeholders through Attachment M-3

100% to Transmission Owner's zone

New Requests Submitted to PJM

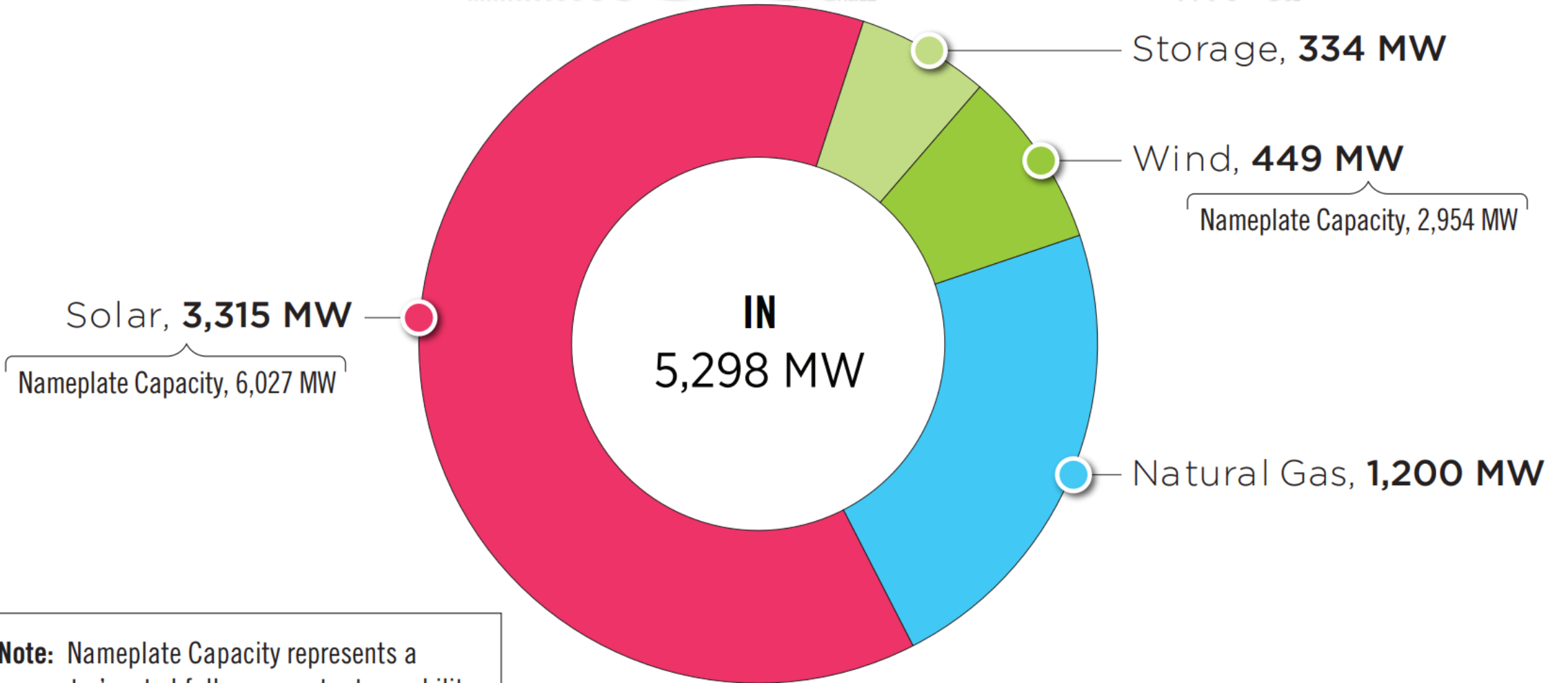


Current Interconnection Projects



Indiana – Queued Capacity (MW) by Fuel Type

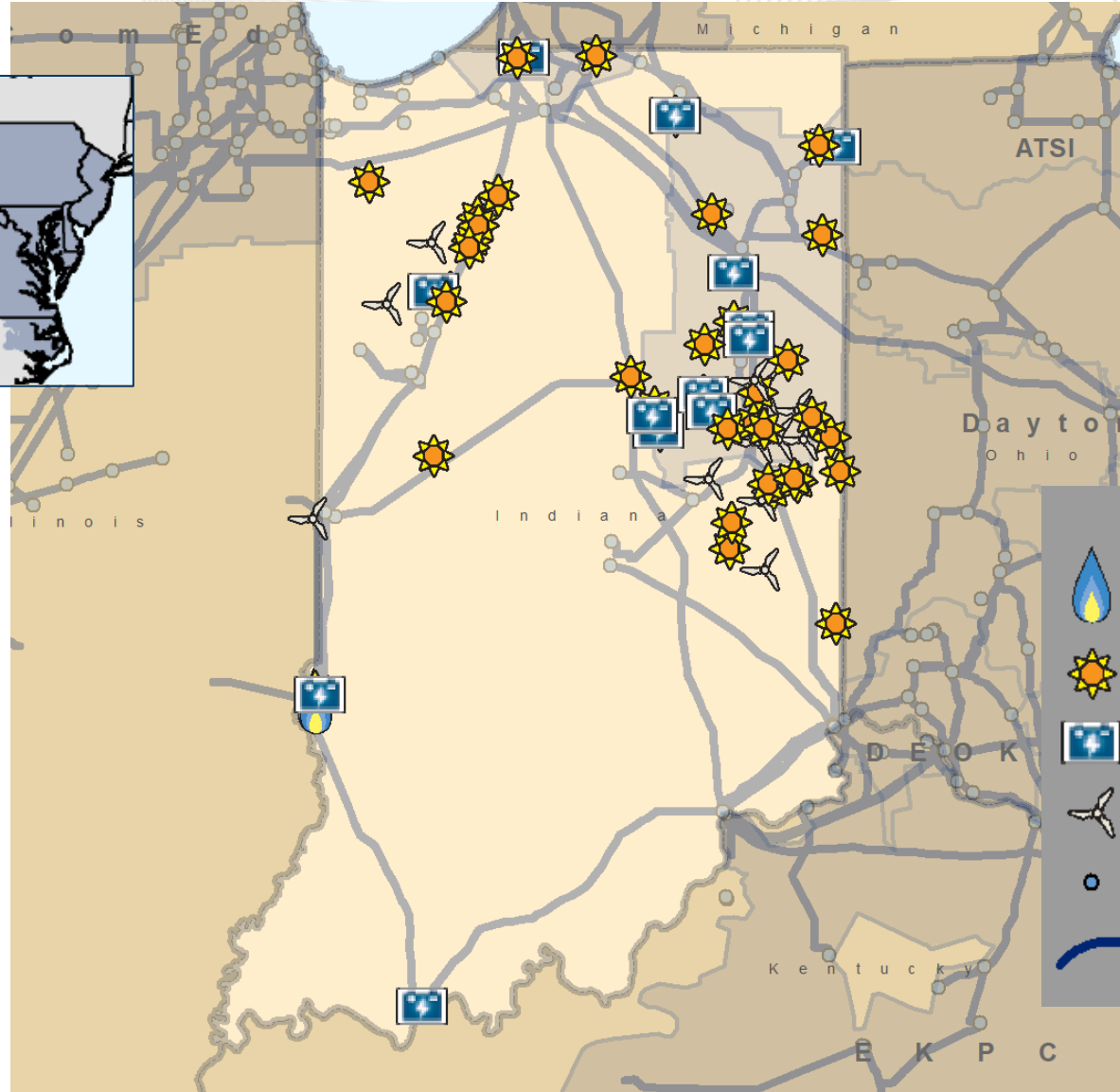
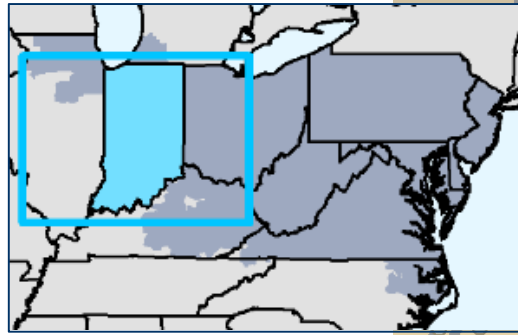
(Requested CIRs – as of Dec. 31, 2019)



***Note:** Nameplate Capacity represents a generator's rated full power output capability.

Indiana – Interconnection Queue Projects

(actively under study)



Legend

- Natural Gas
- Solar
- Storage
- Wind
- Substations ≥ 345 kV
- Transmission Lines ≥ 345 kV

