IN R-STEP

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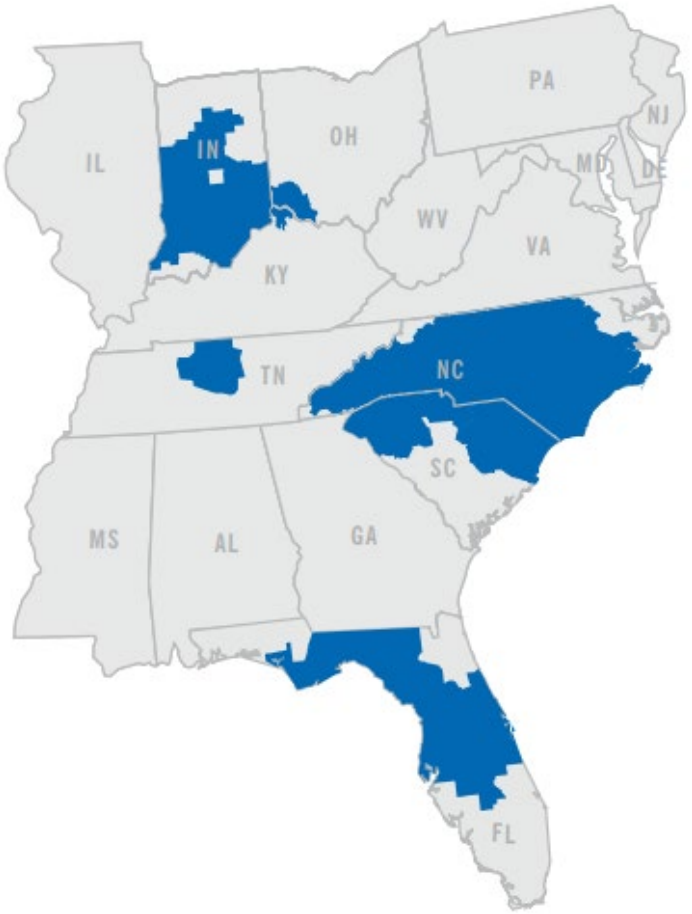
DUKE ENERGY®

BUILDING A SMARTER ENERGY FUTURE®

Duke Energy at a Glance

Electric and Gas Utilities Service Area



Fortune 150 Company
Charlotte, NC headquarters

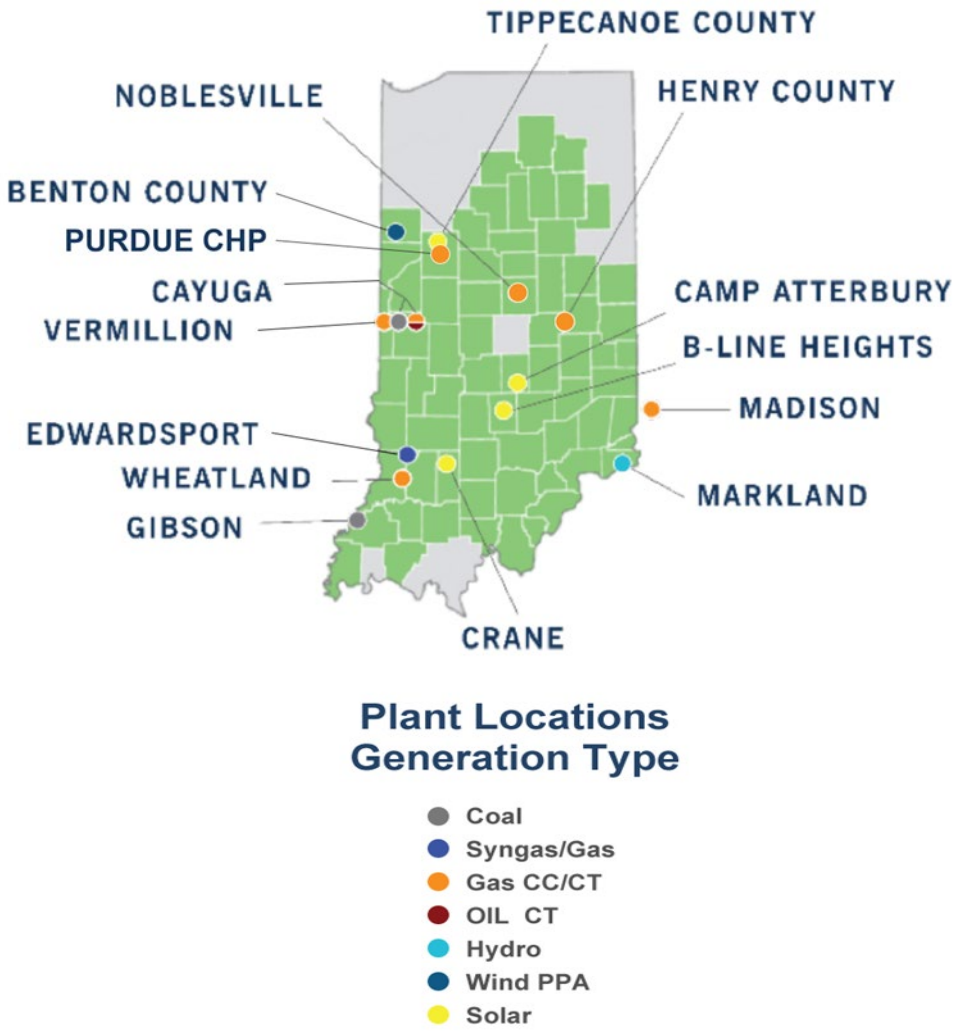
8.6 million electric customers
1.8 million natural gas customers

55,000 megawatts of energy capacity

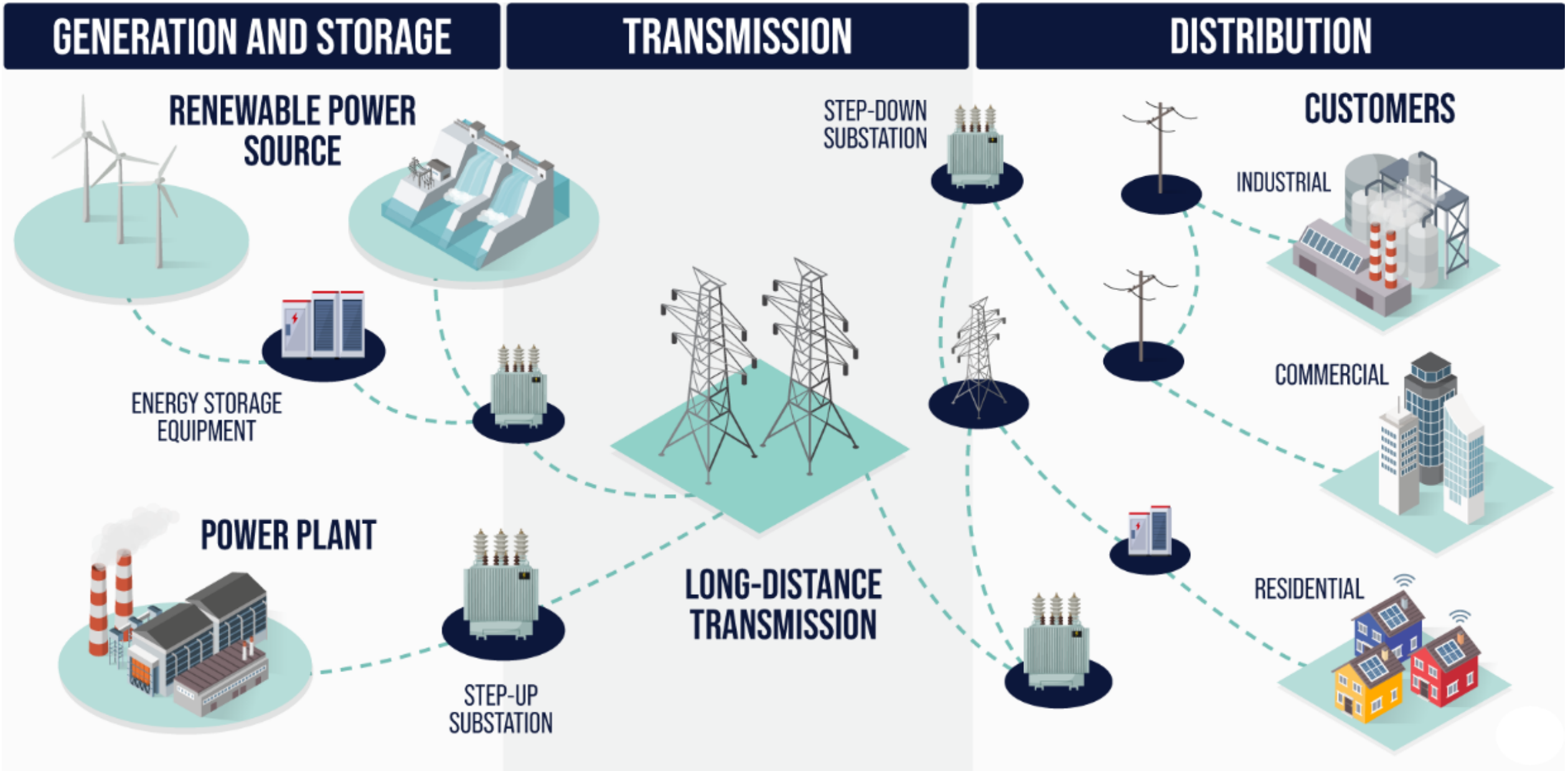
10,000 megawatts of renewable energy

Approximately 26,000 employees

Duke Energy Indiana at a Glance



- Largest electric utility in Indiana
- 23,000 square-mile service area, covering 69 of 92 counties
- 910,000 customers
- 38,000 miles of transmission and distribution lines
- 6,300 megawatts at 12 large power generation sites
- Approximately 2,400 Duke Energy employees in Indiana
- 32 operation centers



Source: SenateRPC

Customer Generation vs. Utility Generation

Excess Distributed Generation

Qualifying Facilities

Utility Generation

Excess Distributed Generation

Excess Distributed Generation (EDG) - replaced net metering effective July 2022

- **1MW or less** projects on single customer premise (residential or business)
- Behind the meter deployment
- Customer's monthly bill = Total charge for energy delivered to the customer by Duke Energy - (minus) credit for energy received to grid from the customer's behind-the-meter generation
  - **Credit value** = wholesale price plus a 25% premium

Qualifying Facilities

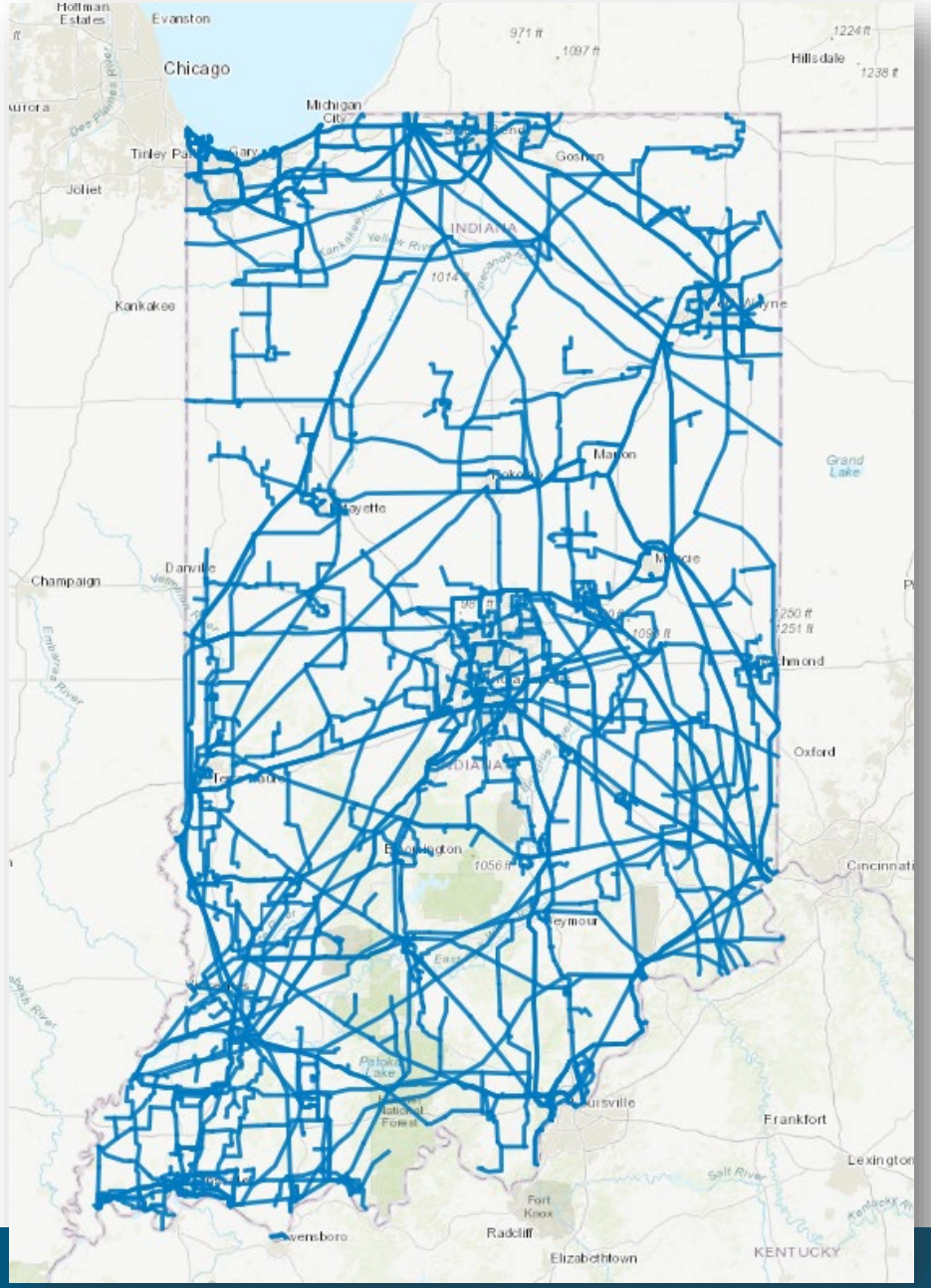
- **5 MW limit**
- Generation can be used behind the meter of a customer on an instantaneous metering basis
- **Rate for Purchase Energy**
  - Duke Energy will purchase energy from the qualifying facility at avoided cost
  - Avoided cost is calculated and approved by IURC annually
- All generation can be sold to Duke Energy Indiana
- Not limited to a single customer premise

Utility Generation

- **Integrated Resource Plan**: 20-year planning forecast, updated every 3 years, forecasting future demand and a plan to fulfil those future obligations with existing and future resources.
- Diverse Generation Types:
  - Coal / Co-fire
  - Natural Gas
  - Renewables (Solar/Wind)
  - Battery Storage
- A Balanced Resource Mix:
  - Adding to/adjusting existing plants
  - Building new
  - Acquisitions
  - Power Purchase Agreements

Considerations for Utilities in Siting New Generation

1. Repurposed use of existing owned land
2. Proximity to transmission lines, preferably lines that already have the ability to add additional capacity
3. Contiguous acreage
4. Preferably flat or only gently sloping
5. Site located outside of flood plains, T&E species habitats, and historical preservation districts



Map Source: IN.gov; Homeland Infrastructure Foundation Level Database (HIFLD) Dec 2022

Duke Energy Community Engagement

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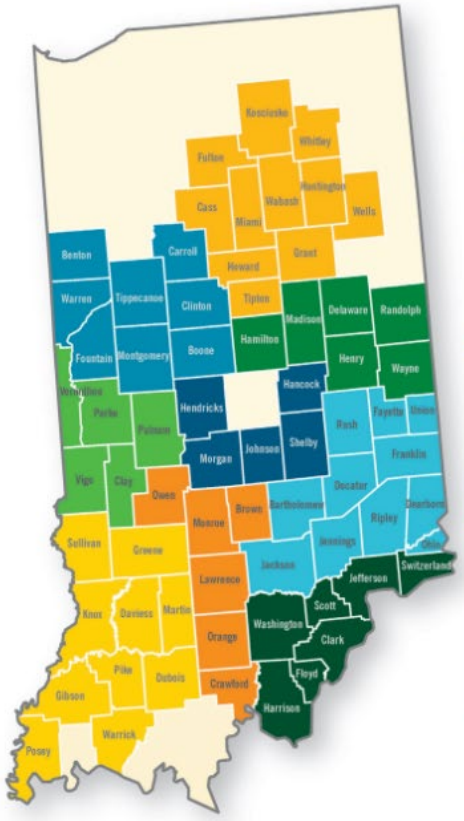

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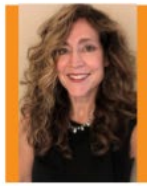

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Duke Energy Community Engagement

Local Government and Community Relations Managers

Customer Service Representatives

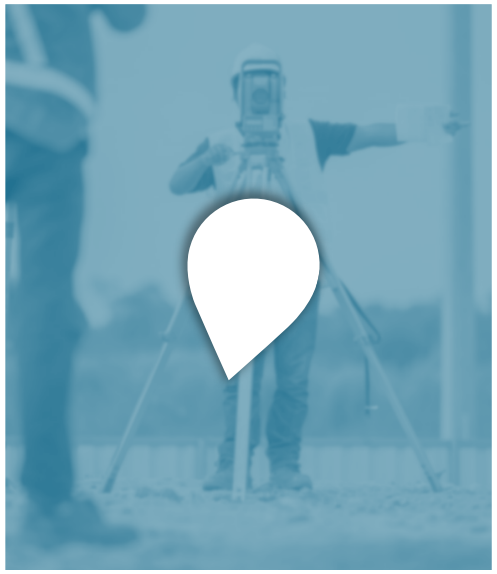
Large Account Managers

Economic Development Managers

Infrastructure Engagement Managers

Duke Energy Community Engagement

Public engagement

Need	Siting	Construction	Operations
			

Thank you

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