



INDIANA- STATE ENERGY PRIORITIES AND OPPORTUNITIES

U.S.-India State and Urban Initiative

Indiana's Energy Profile and Priorities

Coal-fired generation is dominant in Indiana, making up 69 percent of the state's generation in November 2017. Natural gas was second at 19.6 percent, with renewables making up 7.5 percent and petroleum-fired generation making up 0.2 percent. There are no nuclear power plants in Indiana. Wind energy is the largest source of renewable energy in the state. Indiana has a voluntary renewable portfolio standard that sets a goal of 10 percent renewable energy by 2025. The state is one of the top biofuel producers in the United States and has one of the largest automotive manufacturing sectors in the country.

Potential Partnership Opportunities

Incubators, Companies, & Research Institutions

[Battery Innovation Center](#): The BIC is a collaboration across the public, private, and academic sectors aimed at deploying, testing, and commercializing large-scale battery energy storage. The initiative focuses on serving military and commercial customers.

[Energy Systems Network](#): ESN is a company that seeks to build collaborative partnerships across the "energy ecosystem" to solve complex energy issues. Projects carried out by the company have focused on hybrid electric vehicles, smart grids, and microgrids.

[Wabash Valley Power](#): Founded in 1963, Wabash Valley Power is a not-for-profit power generation and transmission cooperative that is powering 310,000 homes, businesses and farmers including 18,800 industrial and commercial entities. It's geographic area spans three states and it has a varied mix of fuels.

[Flagship Enterprise Center](#): The FEC is a business incubator formed by Anderson University and Indiana public sector entities that provides resources to technology companies. Companies housed at the FEC work in technologies and services such as battery storage and demand response.

[Northeast Indiana Innovation Center](#): The NIIC is a business incubator and accelerator that provides services to start and grow businesses in Northeast Indiana. The NIIC's focus areas include clean energy and electric and hybrid vehicles.

[Purdue Research Park](#): Purdue Research Park is a technology business incubator that leverages Purdue University resources to encourage technology innovation. Companies housed at Purdue Research Park work in technologies such as energy efficient lighting, electric vehicle batteries, and renewable aviation fuels.

State Programs

[Indiana Office of Energy Development](#): The Indiana OED develops and implements the state's energy planning efforts. In addition, the office administers grant programs funded by the U.S. Department of Energy, including the Hoosier Homegrown Fuels Blender Pump Program, which was given to fuel stations to install new ethanol blending equipment, and the Solar Thermal Hot Water Grant, which was given to food and beverage processors to install solar hot water heaters.



[Comprehensive Hoosier Option to Incentivize Cleaner Energy Program](#): The CHOICE Program is a voluntary program that incentivizes utilities to procure 10 percent of their electricity sales from cleaner energy sources by 2025. Utilities that participate and meet their goals are allowed to increase their Return On Equity. Qualifying energy sources include solar, wind, biomass, and new natural gas that displaces coal.

Other Opportunities

Indiana and Karnataka recently signed a sister-state agreement. Karnataka's electric vehicle policy requires establishing a battery research and development center, and Indiana's Battery Innovation Center could serve as a model.

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