



WEST VIRGINIA- STATE ENERGY PRIORITIES AND OPPORTUNITIES

U.S.-India State and Urban Initiative

West Virginia's Energy Profile and Priorities

West Virginia accounts for more than one-tenth of coal production in the United States. Coal provided 91.3 percent of the state's electricity generation in November 2017, followed by renewable energy at 5.9 percent, natural gas at 2.5 percent, and petroleum-fired generation at 0.2 percent. There are no nuclear power plants in West Virginia. The state Office of Energy is creating its 2018-2022 State Energy Plan and soliciting input from the public and research institutions on all forms of energy, including coal, solar, wind, hydropower, and geothermal. West Virginia has the greatest wind power potential in the eastern United States.

Potential Opportunities

Companies & Research Institutions

[Bureau of Business and Economic Research](#): BBER at West Virginia University conducts economic research and analysis of business issues affecting the state, including energy. The center contributed an analysis of fossil fuel opportunities to the State Energy Plan.

[Center for Business and Economic Research](#): CBER at Marshall University provides research, analysis, planning, and outreach services to clients in West Virginia. The center's research interests include both fossil and renewable energy, and the center contributed an analysis of renewable energy and energy efficiency policy options to the State Energy Plan.

[National Research Center for Coal and Energy](#): The NCCRE at West Virginia University conducts research into developing innovations in energy. The center conducts programs in areas such as fuel and power, energy efficiency, and environmental remediation.

[TechConnectWV](#): TechConnectWV is an economic development organization that seeks to promote technological innovation in technology sectors in West Virginia. Energy-related interest areas include ethane production, advanced combustion technology, carbon capture, and renewable energy and fuels.

State Programs

[West Virginia Office of Energy](#): The West Virginia Office of Energy administers initiatives to advance the development and delivery of fossil energy, renewable energy, and energy efficiency in West Virginia.

[Clean State Program](#): The Clean State Program is West Virginia's contribution to the U.S. Department of Energy's Clean Cities initiative, which promotes the deployment of alternative fuels such as electricity, hydrogen, or biofuels.

[Governor's Energy Summit](#): The West Virginia Office of Energy hosts the annual Governor's Energy Summit, which brings together stakeholders across the energy sector from coal to solar to combined heat and power and from nonprofits to utilities to manufacturing groups.

Other Opportunities



[U.S.-China Energy Center](#): The USCEC at West Virginia University is part of the U.S. Department of Energy's collaboration with the Chinese Ministry of Science and Technology. The center focuses on finding advancements in the efficiency of coal-fired power generation and carbon capture and sequestration.

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