

WEST VIRGINIA CLEAN ENERGY JOBS & ECONOMIC IMPACT REPORT



West Virginia is a shining example of the possibilities of an “all of the above” energy strategy. Recognizing the economic benefits stemming from the clean energy industry, the state—through strong bipartisan leadership and private sector collaboration—is attracting all forms of energy investment, enhancing and diversifying its already first-rate energy economy.

In the past year, the Mountain State saw substantial clean energy investment, marked by an impressive 115% expansion in West Virginia’s wind energy portfolio. From housing North America’s largest maker of recycled steel to manufacturing electric school buses and pontoons, the state is evolving into a burgeoning hub for clean energy investment and innovation.

WEST VIRGINIA CLEAN ENERGY JOBS = 9,778



Renewable
Energy

1,154



Clean
Vehicles

1,049



Energy
Efficiency

6,668



Storage &
Grid

863

48th

In the Nation

3.0%

Annual Job Growth

NATIONAL CLEAN ENERGY JOBS = 3.3M

“The willingness and strength of our citizens to adapt to dynamic market realities is a hallmark of our ability to compete and win on a global scale. It is noteworthy that nearly all the companies investing in West Virginia and creating thousands of direct/indirect jobs are embracing renewable energy sources and their corresponding products.”

**Mitch B. Carmichael, Cabinet Secretary
WV Department of Economic Development**

2023 CLEAN ENERGY ANNOUNCEMENTS



\$837M

Capitalizing on its robust energy economy, bipartisan state-level backing, and incentives from the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA), West Virginia saw six major clean energy announcements in 2023. Generating \$837M in capital investment, these projects will create 5,000 new jobs, increasing the state's clean energy jobs by over 50%. Notably, roughly 3,000 jobs will be in rural locales—bringing the state to #3 in the nation for rural job creation.

In addition to the projects and investments highlighted in this report, West Virginia is part of The Appalachian Regional Clean Hydrogen Hub (ARCH2), a multi-state clean hydrogen hub set to receive up to \$925 million in federal support.

Highlights of those new investments include:

- **\$500M investment & 200 jobs** via new BHE Renewables manufacturing hub, *Jackson County*
- **\$240M Toyota expansion** to build dedicated hybrid production line, *Putnam County*
- **\$62.9M investment** for five Mon Power solar facilities, *multiple counties*
- **\$40M in federal funding** for National Energy Tech Lab research site, *Morgantown*
- **\$22M investment creating 105 jobs** announced at new ONE battery pack facility, *Ravenswood*
- **200 additional jobs** announced at GreenPower Motors battery-powered school bus manufacturing facility, *South Charleston*

\$760M

Iron-Air Battery Facility Built in Old Steel Mill

Weirton

Form Energy is investing in a high-volume manufacturing facility to produce cost-effective, multi-day storage systems, creating:

- 750 permanent jobs
- Batteries running on iron, water, and air, storing up to 100 hours of electricity

ANNUAL REVENUES

\$6.7M

Property, state, & local tax revenues from clean power projects

\$6.3M

Annual income to farmers, ranchers, & private landowners via clean energy projects



For a full list of resources, visit chambersforinnovation.com/2023-state-links