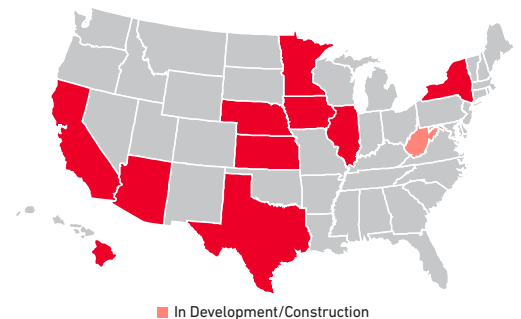


# JUST THE **FACTS**

## **BHE Renewables**

TOTAL CAPACITY – OWNED AND UNDER CONSTRUCTION	5,487 megawatts
Solar	1,690 megawatts
Wind	2,544 megawatts
Geothermal	345 megawatts
Hydro	10 megawatts
Natural Gas	898 megawatts



BHE Renewables, based in Des Moines, Iowa, encompasses the development, operation and commercial management of renewable energy generation, including solar, wind, geothermal and hydro. BHE Renewables produces clean energy for both the wholesale market and for customers under long-term power purchase agreements.

### **ADVANCEMENTS IN MINERAL DEVELOPMENT**

BHE Renewables is advancing lithium production research in California's Imperial Valley. Lithium – the critical mineral used in lithium-ion batteries to power cellphones, laptop computers and electric vehicles – can be found in the brine processed at BHE Renewables' geothermal facilities. Through a joint venture announced in 2024, BHE Renewables and Occidental are using TerraLithium technology to further refine the direct lithium extraction process to help ensure that it achieves performance outcomes before moving into commercial lithium production. The joint venture research project is currently in the demonstration phase and working toward a pathway to a decision on commercialization in 2026. The energy used for lithium production would be 100% renewable.



# JUST THE **FACTS**

## **BHE Renewables**

### **RENEWABLE ENERGY BOOSTS ECONOMIC DEVELOPMENT**

Ravenswood, West Virginia, will be the location for one of the world's largest solar and storage microgrids. The state of West Virginia, partnering with BHE Renewables and Precision Castparts Corp. (PCC), broke ground on the 2,200-acre site in 2023. BHE Renewables is constructing the solar and storage microgrid project consisting of a 106-megawatt solar array and a 50-megawatt battery energy storage system. PCC's Titanium Metals Corporation, Inc. (TIMET) facility will use the solar energy to produce titanium products. The microgrid is designed to serve 70% of TIMET's expected energy demand. The microgrid is being constructed in three phases that match TIMET's energy needs as it develops and operates its facility. The first, second and third phase will begin operations in 2025, 2026 and 2027, respectively.

### **SOLAR SOLUTIONS**

The Solar Star 3 and Solar Star 4 projects, currently under construction and adjacent to BHE Renewables' flagship Solar Star 1 and Solar Star 2 sites, will each provide 24 megawatts of solar generation capacity and 23 megawatts of four-hour battery energy storage – enough to power 24,000 homes and avoid 82 million pounds of greenhouse gas emissions annually. The projects will serve Clean Power Alliance starting in 2025 through two 20-year power purchase agreements.