



EAST REGION OVERVIEW

Safe, Low-Emitting, Energy-Efficient Power throughout the Region

Calpine is committed to providing reliable, clean and affordable electricity from fuel-efficient energy resources in our East Region. Our fleet of advanced-technology facilities distinguishes Calpine as one of the region's cleanest, most efficient and flexible energy providers and assures a reliable power supply when our customers need it most.

Calpine's 31 operating plants in our East Region span 13 U.S. states and Canada. Most of the power Calpine generates in the region comes from highly efficient technology that integrates natural gas and steam turbines to provide energy reliability 24 hours a day, seven days a week. Complementing these combined-cycle facilities are "peaker" plants, which can quickly begin operation when demand is greatest, and cogeneration plants, highly efficient facilities that concurrently produce power and steam for industrial customers. In addition, the 4 MW Vineland Solar Energy Center in New Jersey brings renewable capacity to the regional portfolio, and the proposed 124 MW Bluestone Wind Farm is under advanced development in Broome County, New York.

In recent years, Calpine has expanded its natural gas fleet by purchasing the 731 MW Fore River Energy Center near Boston in November 2014; completing construction of the 309 MW Garrison Energy Center in Dover, Delaware, in June 2015; purchasing the 745 MW Granite Ridge Energy Center in Londonderry, New Hampshire, in February 2016; and completing construction of the 828 MW York Energy Center in Pennsylvania in March 2019.

Reliability for a Leading Power Market

Many of Calpine's East Region plants – representing more than 4,900 MW of capacity – feed into the PJM Interconnection RTO, particularly its transmission-constrained eastern territory. These plants include four of the newest, most technologically advanced facilities operating in the region – the Bethlehem, Hay Road, York and York 2 energy centers.

Exceptional Service for Retail Customers

Backed by Calpine's reliable and cost-effective generation fleet are our retail subsidiaries, Calpine Energy Solutions and Champion Energy Services. Both serve customers in competitive power markets from the Upper Midwest to New England and the Mid-Atlantic. Calpine Energy Solutions is one of the nation's largest suppliers of power to commercial and industrial customers, while Champion Energy provides award-winning customer

ABOUT CALPINE

Calpine Corporation is America's largest generator of electricity from natural gas and geothermal resources with operations in competitive power markets. Our fleet of 79 power plants in operation represents more than 26,000 megawatts of generation capacity. Through wholesale power operations and our retail businesses, we serve customers in 24 states, Canada and Mexico. Our clean, efficient, modern and flexible fleet uses advanced technologies to generate power in a low-carbon and environmentally responsible manner. We are uniquely positioned to benefit from the secular trends affecting our industry, including the abundant and affordable supply of clean natural gas, environmental regulation, aging power generation infrastructure and the increasing need for dispatchable power plants to successfully integrate intermittent renewables into the grid.

Creating power for a sustainable future

QUICK FACTS

Regional Capacity

31 power plants with total peaking capacity of 10,167 megawatts

Employees

More than 300

Power Plants

- **Alabama:** Morgan
- **Arkansas:** Pine Bluff
- **Delaware:** Christiana, Delaware City, Edge Moor, Hay Road, West, Garrison
- **Illinois:** Zion
- **Louisiana:** Washington Parish (under advanced development)
- **Maine:** Westbrook
- **Maryland:** Crisfield
- **Massachusetts:** Fore River
- **New Hampshire:** Granite Ridge
- **New Jersey:** Carl's Corner, Cumberland, Mickleton, Sherman Avenue, Vineland Solar
- **New York:** Bethpage, Bethpage Peaker, Bethpage 3, Kennedy International Airport, Stony Brook, Bluestone Wind Farm (under advanced development)
- **Pennsylvania:** Bethlehem, York, York 2
- **Virginia:** Bayview, Tasley
- **Wisconsin:** RockGen
- **Ontario, Canada:** (50% CPN ownership) Greenfield, Whitby

Regional Office

- **Wilmington, Delaware**

www.calpine.com March 2019

MODERN. CLEAN. EFFICIENT. FLEXIBLE. RELIABLE.