Calpine is committed to generating 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.

A Leader in Clean, Reliable Electricity
Calpine was established on the premise that a strong commitment to the environment is inextricably linked to excellence in power generation and corporate responsibility. That’s why Calpine is a leader in dependable, environmentally responsible power generation. Today, Calpine delivers clean, reliable and cost-effective electricity in the Midwest, eastern United States and Canada, serving multiple regional transmission organizations (RTOs) and power markets.

Calpine in PJM: Reliability for a Leading Power Market
The majority of Calpine’s East Region plants feed into the PJM Interconnection RTO, particularly its transmission-constrained eastern territory. Calpine acquired Conectiv Energy in 2010, adding to its fleet 19 power plants in New Jersey, Delaware, Virginia, Pennsylvania and Maryland, including the York Energy Center, which began operation in March 2011. The total generation capacity of these plants is more than 4,300 MWs.

The former Conectiv plants include three of the newest, most technologically advanced facilities operating in the region – the Bethlehem, Hay Road and York energy centers. These facilities provide more than 2,800 MWs of electricity generated from clean-burning natural gas using a highly efficient combined-cycle process, and another 760 MWs is under advanced development at York. Calpine also has an additional plant under construction in Dover, Delaware. The Garrison Energy Center is scheduled to begin commercial operation in mid-2015 and will add 309 MWs of total generation capacity to the East Region.

In addition, the Conectiv acquisition diversified Calpine’s renewable fleet by adding our first solar array – the 4 MW Vineland Solar Energy Center in New Jersey. Calpine’s renewable assets also include the nation’s largest geothermal power project at The Geysers in northern California.

Plant Additions in the East Region
Calpine completed a transformative transaction in 2014 that involved the sale of six plants and the combining of its Southeast and North Regions into today’s East Region. This restructuring brought Auburndale Peaking, Morgan, Osprey and Pine Bluff energy centers to the region. In addition, Calpine purchased the combined-cycle, dual-fueled Fore River Energy Center near Boston in November 2014. The generation of these plants is nearly 2,500 MWs.

Safe, Low-Emitting, Energy-Efficient Power throughout the Region
Calpine currently has 34 operating plants in our East Region and one under construction. These plants span 14 U.S. states and Canada. Nearly 7,000 MWs of the power they generate comes from highly efficient, combined-cycle technology that integrates natural gas and steam turbines to provide energy reliability 24 hours a day, seven days a week. Complementing these 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.

About Calpine
Calpine Corporation is America’s largest generator of electricity from natural gas and geothermal resources. Our fleet of 88 power plants in operation or under construction represents nearly 27,000 megawatts of generation capacity. Serving customers in 18 states and Canada, we specialize in developing, constructing, owning and operating natural gas-fired and renewable geothermal power plants that use advanced technologies to generate power in a low-carbon and environmentally responsible manner. Our clean, efficient, modern and flexible fleet is uniquely positioned to benefit from the secular trends affecting our industry. Please visit www.calpine.com to learn more about why Calpine is a generation ahead – today.

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