

New Jersey EDA awards \$15.1 million in funding for 6 clean energy power projects

Plants to power hospital, food company, casinos, brewery

The state Economic Development Authority has approved over \$15.1 million in funding for six projects under the Clean Energy Solutions ARRA Combined Heat and Power (CHP) Program, the agency announced Tuesday.

The competitive grant program is supported by the American Recovery and Reinvestment Act of 2009 and was jointly developed by the EDA and the state Board of Public Utilities (BPU).

The six projects approved for funding include:

- Anheuser-Busch, which was approved for a \$3.2 million grant to establish a 7.965MW cogeneration plant at its Newark brewery;
- DSM Nutritional Products of Belvidere, which was approved for a \$3.1 million grant to purchase and install a 9.5MW cogeneration unit;
- ACR Energy Partners, which was approved for a \$3.2 million grant to construct a 7.965MW cogeneration facility to serve a new casino in Atlantic City;
- ACB Energy Partners, which was approved for a \$3.2 million grant to establish a 7.965MW cogeneration plant to expand the District Energy Center in Atlantic City currently serving the Borgata Hotel and Casino;
- NRG Thermal Energy of Plainsboro, which was approved for a \$1.9 million grant to establish a 4.6MW cogeneration facility that is part of an energy center it is developing to serve the new University Medical Center of Princeton at Plainsboro; and,
- Ocean County College, which was approved for a \$475,200 grant to support the construction of a 1.1MW gas engine generator at the school.

The approved projects are expected to leverage more than \$101.3 million in total public/private investment, lead to the creation of an estimated 240 construction jobs and 18 full-time jobs, and reduce carbon dioxide emissions by 85,695 tons annually.

"CHP systems can provide power reliability for businesses and organizations throughout the state and result in daily operating cost savings," EDA Chief Executive Officer Caren Franzini said. "From Newark to Atlantic City, this program provided an opportunity for the state to support important projects that will add efficiencies and make doing business in New Jersey less expensive."

"CHP is a clean and reliable approach to generating power and thermal energy and these projects help us move forward with Governor Christie's plan to secure New Jersey's energy future, enhance our environment and support economic development," BPU President Lee Solomon said.

Christie's energy policy for New Jersey emphasizes in-state production of renewable and traditional energy sources with the goal of creating a stronger economy by making energy more affordable, more reliable and more often produced by New Jersey workers.

One of the state's priorities in this effort is to enhance energy efficiency through on-site power generation with recovery and productive use of waste heat, and to reduce existing and new demands to the electric power grid by providing financial incentives for CHP installations. A well designed and thermally balanced CHP plant operates between 60-percent and 85-percent thermal efficiency - more than double the efficiency of a standard central power plant.

For more information on financial incentives for CHP installations, visit njcleanenergy.com or njeda.com.