

NEW YORK POWER AUTHORITY ACCOMPLISHMENTS IN 2011

- In 2011, the New York Power Authority (NYPA) generated 28.1 billion kilowatt-hours (kwh) of electricity, with hydropower accounting for 78 percent of this amount. Total electricity sales, including power purchased from other generators, was 39.9 billion kwh.
- The Power Authority's Generation Market Readiness, representing the availability of NYPA generating facilities for bidding into New York's wholesale electricity marketplace, was 99.9 percent.
- NYPA realized net income for 2011 of \$235 million.
- Preliminary work began on a nine-year, \$460-million Life Extension and Modernization (LEM) of the Niagara Power Project's Lewiston Pump-Generating Plant.
- Progress continued on a 15-year, \$281-million LEM at the St. Lawrence-Franklin D. Roosevelt Power Project, in Massena, with completion set for 2013.
- First commercial power was generated at a new, 550-megawatt (MW) natural gas-fueled generating plant in Astoria, Queens, to provide power to NYPA for its New York City customers under a 20-year contract.
- Power Authority electricity directly supported nearly 380,000 jobs throughout the state, with more than 9,000 new and existing jobs linked to allocations in 2011 alone. During the year, economic development efforts spurred private investment of nearly \$315 million, including projects at M&T Bank Corporation and Moog, Inc., both in Erie County, and Upstate Niagara Cooperative in St. Lawrence County.
- During the year, NYPA established the framework for administering Governor Cuomo's ReCharge New York Program, with first power allocations to be announced in the spring of 2012. NYPA has received more than 1,000 applications since the administrative process for the program started in September.
- On behalf of its customers, NYPA's Green Power program purchased over 230,000 megawatt-hours of renewable energy credits from new and existing facilities built to generate electricity from biomass, waste gas and wind power sources.
- For the third consecutive year, NYPA broke its record with more than \$186 million in expenditures for energy efficiency and clean energy projects. In 2011, this helped complete 76 projects at 156 facilities. Work continues at 416 ongoing projects, in various stages of development, at 1,900 locations.
- In 2011, NYPA's conservation efforts cut energy demand by 10 MW, lowered the annual energy bills of public facilities by about \$9 million and reduced greenhouse gas emissions by nearly 36,000 tons.
- NYPA executed an agreement with the City of New York, plus federal and state agencies, that will allow cruise ships docked at the Brooklyn Cruise Terminal to turn off their diesel engines and plug into the electric grid for their power needs.
- NYPA worked with Con Edison and the Long Island Power Authority – other members of the LI-NYC Offshore Wind Collaborative – to prepare and submit an application for the federal lease of offshore property for possible development of a wind farm in the Atlantic Ocean off the Rockaway Peninsula.

- As a result of a competitive process, NYPA commissioned Hudson Transmission Partners (HTP) to build a 660-MW transmission line under the Hudson River to improve energy reliability, diversity and security for New York City.
- In 2011, NYPA's Supplier Diversity efforts continued to expand. Its 21st Annual Purchasing Exchange for minority- and women-owned business enterprises (MWBEs) attracted more than 250 participants. For calendar year 2011, NYPA awarded more than \$61.2 million, or 19 percent of reportable expenditures, to New York State-certified MWBE firms.
- In support of NYPA's Sustainability Action Plan, a new warehouse was constructed at the Niagara project, designed to meet Gold standards from the U. S. Green Building Council. And NYPA completed installation of a photovoltaic array and wind turbine adjacent to its Blenheim-Gilboa Visitors Center. NYPA's first Sustainability Annual Report was issued earlier in the year.