

## **NEW YORK POWER AUTHORITY ACCOMPLISHMENTS IN 2010**

- In 2010, the New York Power Authority (NYPA) generated 24.4 billion kilowatt-hours (kwh) of electricity, with hydropower accounting for 82 percent of this amount. Total electricity sales, including power purchased from other generators, was 36.8 billion kwh.
- The Power Authority's Generation Market Readiness, representing the availability of NYPA generating facilities for bidding into the NYISO market, was 99.8 percent. Transmission reliability in 2010 was 95.8 percent.
- NYPA realized net income for 2010 of \$181 million.
- A four-year, \$135 million Life Extension and Modernization (LEM) at the Blenheim-Gilboa Power Project was completed under budget and ahead of schedule. A 15-year, \$281 million LEM at the St. Lawrence-FDR Power Project is continuing on schedule with completion set for 2013. Plans for a \$460 million LEM at the Niagara project's Lewiston Pump-Generating Plant were announced, with work to begin in 2012.
- Power Authority electricity is now linked to 368,300 jobs throughout the state, with 2,490 jobs created or retained in 2010 alone. Examples of results from NYPA economic development efforts in 2010 include: Yahoo! opening a new \$150 million data center in Lockport; the first allocation of Preservation Power to Florelle Tissue, a paper mill reopening in Jefferson County; new investment by GM Powertrain in North Tonawanda; and the restart of operations at Alcoa's Massena East smelter, announced in early 2011 after several months of negotiations between NYPA, the aluminum manufacturer and various business and governmental officials.
- For the second consecutive year, NYPA broke its record in expenditures for energy efficiency and clean energy projects. More than \$175 million helped complete projects at 422 public facilities and finance another 432 projects still underway at 2,050 locations.
- Progress continued on a statewide solar initiative with a Request for Proposals (RFP) issued to developers interested in helping NYPA install up to 100 megawatts of photovoltaic systems at sites around the state. NYPA staff is completing its review the 44 proposals received, with selected developers to be identified in 2011.
- Similarly, NYPA's Great Lakes Offshore Wind Project RFP garnered five proposals, which are receiving a rigorous and thorough review by staff and consultant specialists during the year. A recommendation to NYPA trustees is expected in 2011.
- NYPA worked with Long Island-New York City Offshore Wind Collaborative members Con Edison and LIPA to complete technical, environmental and economic desktop feasibility studies for possible development of a wind farm in the Atlantic Ocean off the coast of the Rockaway Peninsula. NYPA trustees also approved the Collaborative's plans to apply for the lease of offshore property with the federal government.
- On behalf of its customers, the Power Authority purchased over 200,000 megawatt-hours of renewable energy, supporting Executive Order 111. Similarly, it also contracted with new and expanding facilities generating renewable energy from biomass and waste gas, securing long-term power purchase agreements resulting in environmental and economic benefits for New York.
- NYPA continued to make improvements to its transmission system. Plans for a multiyear LEM are being considered, while several "smart grid" technologies are being introduced.
- Fulfilling a commitment made to state officials and local residents, operations ceased at NYPA's Charles Poletti Power Plant on January 31, 2010.

- In 2010, NYPA's Supplier Diversity efforts expended more than \$35 million with minority- and women-owned business enterprises. NYPA also held its 20<sup>th</sup> annual Purchasing Exchange, facilitating contacts between diversity suppliers and dozens of public and private entities.
- The Power Authority achieved first place in the American Public Power Association's Electric Utility Safety Awards recognition for safe operating practices in 2010. This is the 11<sup>th</sup> time NYPA has earned the first place distinction in the last 15 years.
- NYPA's operations are becoming more sustainable. In the White Plains Office, a fifth floor renovation completed in 2010 received a silver rating (for Commercial Interiors) from the U.S. Green Building Council (USGBC); a new fuel cell provides about 10 percent of the White Plains total building load while heating and cooling its lobby. At Niagara, a new warehouse being built is designed to meet gold standards from the USGBC's Leadership in Energy and Environmental Design program. Also, 2010 saw the rollout of NYPA's new Sustainability Action Plan along with preparation of its first Sustainability Annual Report (released in early 2011).