

NEW YORK POWER AUTHORITY 2014 ACCOMPLISHMENTS

- In 2014, the New York Power Authority (NYPA) generated 28.7 billion kilowatt-hours (kWh) of electricity, with hydropower accounting for 72 percent of this amount. Total electricity sales, including power purchased from other generators, were 39.7 billion kWh.
- The Power Authority's Generation Market Readiness, representing the availability of NYPA power plants for bidding into New York's wholesale electricity marketplace, was 98.95 percent.
- The Power Authority's Transmission Reliability was 97.07 percent, exceeding the target set for the year as a result of effectively managing both scheduled and forced outages, and keeping emergent outages to a minimum. Some 6,220 hours of transmission maintenance were scheduled, managed and performed by Operations with the assistance of Energy Control Center staff.
- NYPA realized net income for 2014 of \$272 million.
- As an indication of the Power Authority's strong financial health, Standard & Poor's upgraded NYPA's long-term rating to AA from AA- and our short-term rating to A-1+ from A-1; Moody's upgraded our long-term rating to Aa1 from Aa2; and, Fitch raised our outlook to "Positive." The credit rating agencies cite NYPA's "Disciplined Financial Practices," "Strong Financial Management of its Financial Operations" and "Consistent Record of Strong Debt Service Coverage and Liquidity."
- Work continued on a 12- year, \$726 million Transmission Life Extension and Modernization (TLEM) program for NYPA's transmission system. Significant TLEM investments in 2014 included the awarding of three contracts: \$5.2 million for site preparation work at NYPA's St. Lawrence-Franklin D. Roosevelt Power Project in Massena; \$10.8 million to demolish existing transmission equipment and install power circuit breakers and a capacitor bank at the Robert Moses Switchyard in Massena; and up to \$5 million for inspection and consulting services for the application of coatings to protect transmission towers in Northern, Central and Western New York.
- NYPA continued to administer the Governor's ReCharge NY economic development program in 2014, with Power Authority trustees approving 124 new low-cost power allocations totaling 47 megawatts to 102 businesses and not-for-profits, which will help to create or protect more than 16,000 jobs. More than 800 allocations and 393,600 jobs have been linked to the program since it began in 2012.
- NYPA continues to advance Governor Cuomo's BuildSmart NY initiative, a wide-ranging strategic effort aimed at reducing the state government's energy use 20 percent by 2020. Supporting this effort, NYPA announced the establishment of the state's first energy management network operations center—NY Energy Manager—which will provide public facilities across New York with real-time data on their energy use, allowing them to systematically drive improved building energy performance and lower utility bills. NYEM is located at the Colleges of Nanoscale Science and Engineering at SUNY Polytechnic Institute in Albany.
- NYPA's Energy Efficiency Program completed 72 projects at public facilities throughout the state which are expected to save New York taxpayers some \$10.2 million in annual energy costs while reducing greenhouse gas emissions by nearly 46,000 tons a year.
- Deconstruction of the 1970s-vintage power plant at NYPA's Poletti site in Astoria, Queens, continued through 2014. The main structure—a 17-story-high boiler house and adjacent turbine deck—was safely disassembled with over 22,550 gross tons of steel recycled. The plant was shut down in January 2010, in fulfillment of an agreement with state and local officials
- In support of Minority- and Women-Owned Business Enterprises (MWBEs), NYPA's Supplier Diversity Program conducted \$72.2 million in business in 2014 with New York State-certified firms, which represents 22 percent of all reportable expenditures.

- Total attendance at NYPA's visitors centers at the Niagara, St. Lawrence and Blenheim-Gilboa (B-G) power projects was 138,609 in 2014. Those locations combined to provide 205 education tours for 11,805 students during the year, and 248 organizations with a total of 34,398 participants using the facilities for community functions. Milestones reached during 2014 included the 40th anniversary of B-G's visitors center and the 50th year of operations for the Niagara Power Vista.
- NYPA released its Strategic Vision 2014-2019, a landmark five-year plan to reposition the Power Authority with a focus on Customer Energy Solutions, Asset Management, Smart Generation and Transmission, Knowledge Management, Process Excellence, and Workforce Development.
- NYPA trustees approved more than \$8 million in funding to Western New York enterprises from recommendations from the Western New York Power Proceeds Allocation Board. The awards support the retention of nearly 1,600 jobs and the creation of more than 150 jobs, leveraging \$57 million in capital investments.
- NYPA Trustees approved low-cost Expansion Power and Replacement Power allocations to 11 Western New York businesses, totalling more than 7.6 MW, in return for commitments to create 420 jobs and leverage capital investments of more than \$210 million. In St. Lawrence County, Trustees also approved NYPA Preservation Power allocations to two firms, totalling 6.1 MW, in exchange for commitments to create 140 jobs and leverage more than \$55 million in capital investments.
- The North Country Economic Development Fund, launched in August 2014 with a board membership that includes NYPA, approved two loans for a total of \$725,000 in funding. In return, the recipients committed in total to retaining 110 jobs, creating 84 new jobs and investing approximately \$6 million.
- In collaboration with the New York State Energy Research and Development Authority, NYPA unveiled K-Solar, a program that will provide K-12 schools with the tools, technical expertise and access to financing to make solar energy affordable. Nearly 200 school districts have registered to participate so far, representing more than 750 schools in 49 counties.
- NYPA spent 2014 developing the Five Cities Energy Plans, a sweeping set of short- and long-term energy-saving blueprints for the five largest New York State cities other than New York City: Albany, Buffalo, Rochester, Syracuse and Yonkers. Representatives of each city worked with NYPA on the plans, which were drafted after months of data analysis, meetings with more than 100 stakeholder groups and an extensive sharing of thoughts and proposals across the cities.
- NYPA invested \$38 million during 2014 in the ongoing Life Extension and Modernization (LEM) project at its Lewiston Pump-Generating Plant (LPGP). The LPGP LEM provides for the upgrade of the plant's 12 pump-turbines and the replacement of generator step-up transformers. Refurbishment of LPGP's second unit was completed in May 2014 and work on the third unit began in August.
- In April 2014, NYPA took the first official step to obtain a new operating license for the Blenheim-Gilboa Pumped Storage Power Project by filing preliminary documents with the Federal Energy Regulatory Commission (FERC). In summer 2014, FERC held the first meetings to gather public input on NYPA's plans for the relicensing. NYPA is positioning itself to submit an application in 2017 to obtain a new 50-year license before the current one expires in April 2019.
- In 2014, NYPA's Sustainability Office collaborated with cross-functional teams to establish baselines, and identify metrics for energy use intensity and carbon intensity reductions across its operations. The Power Authority intends to set targets in this area during 2015.