

STATE OF NEW YORK

# Public Service Commission

Garry A. Brown, Chairman

Three Empire State Plaza, Albany, NY 12223  
Further Details: James Denn  
james\_denn@dps.state.ny.us | 518.474.7080  
<http://www.dps.state.ny.us>

10034/10-E-0042

## **CONSTRUCTION OF ENERGY STORAGE SYSTEM APPROVED** — 1<sup>st</sup> of its Kind in NY, 20 MW Advanced Battery to Improve Electricity Reliability —

Albany, NY—04/15/10—The New York State Public Service Commission (Commission) today approved construction of a 20 megawatt (MW) energy storage system to be built in the Town of Union, Broome County. The \$22.3 million project, owned by AES ES Westover, LLC, will use advanced battery technology to participate in the New York’s growing ancillary services and regulation market.

“We are excited to support development of new, state-of-the-art facilities that will improve the efficient use of electricity,” said Commission Chairman Garry Brown. “This facility’s state-of-the-art batteries will store energy and deliver it back to the grid when needed. This project — the first of its type in New York — will help improve the ability to store energy, a critical component needed to help us further strengthen and expand our use of renewable energy.”

The project will be located at the site of an operating coal-fired power generating station in Broome County adjacent to an existing electrical substation. The site is owned by AES Westover, LLC. The site will require minor modifications to install the foundations to support the energy storage units. No new interconnection facilities will be required to interconnect the project to the grid.

The project will utilize the interconnection facilities that were constructed for and used by the 40 MW Unit 7 of AES Westover's coal-fired generation facility to interconnect with the transmission system of New York State Electric & Gas Corporation. An interconnection request

has been filed for the project with the New York Independent System Operator (NYISO) as part of the NYISO's Small Generator Interconnection Procedures.

The developer intends to construct the project in two phases, with construction to begin in the second quarter of 2010. The project builds on pilot and demonstration projects by AES Energy Storage LLC, the direct owner of AES ES Westover, that showed the feasibility and commercial potential for using systems composed of advanced lithium ion battery cells and power control technologies to help maintain the stability of the electric power grid. These technologies have the capability to meet the grid stability needs of the power market while performing more efficiently and with less environmental impact than existing resources.

The project will be composed of 10 53-foot containers each housing inverters and DC battery subsystems capable of 2MW of capacity each. The units are connected through standard electrical industry transformers, switchgear, and protective relays to the high voltage system. The project will be able to provide or absorb up to 20MW in each instant up to a maximum of 5MW/h of energy to the system.

The project will participate in the day-ahead market for ancillary reserves and regulation. This is a well-defined market for helping the NYISO in meeting reliability needs. AES ES Westover is a subsidiary of the AES Corporation.

The Commission's decision today, when issued, may be obtained by going to the Commission Documents section of the Commission's Web site at [www.dps.state.ny.us](http://www.dps.state.ny.us) and entering Case Number 10-E-0042 in the input box labeled "Search for Case/Matter Number." Many libraries offer free Internet access. Commission orders may also be obtained from the Commission's Files Office, 14th floor, Three Empire State Plaza, Albany, NY 12223 (518-474-2500).