

# WHAT WILL THE PROJECT DO?

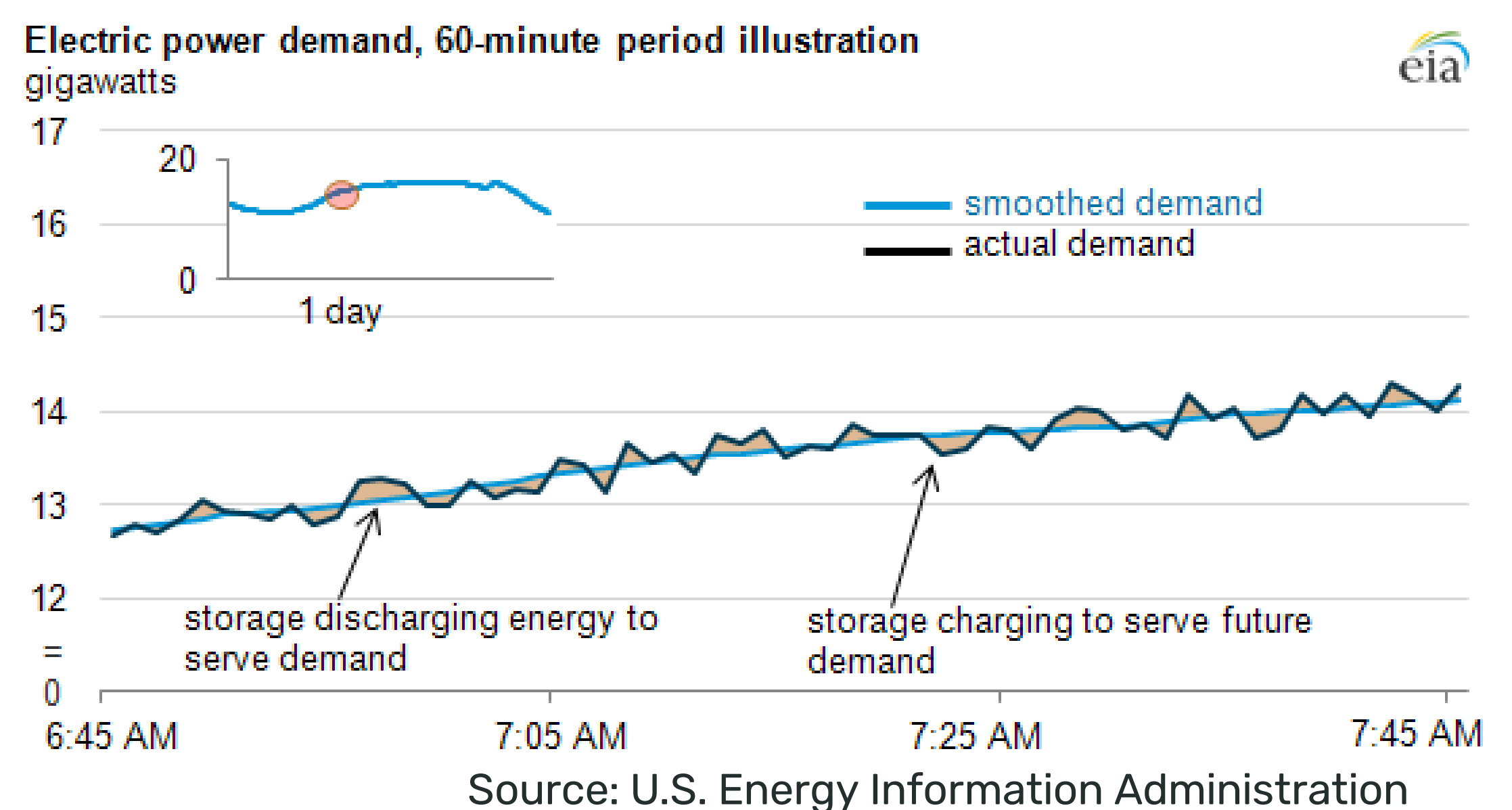
## THE LINCOLN PARK GRID SUPPORT CENTER WILL PROVIDE:

**1. FAST RESPONDING PEAKING POWER** – During times of heavy demand, the project can provide up to four hours of power, displacing older, less efficient, oil and gas fired generators.

Unlike mechanical generators which can take 10 minutes or more to start, the Project can start, stop, and change its output in less than a second minimizing wasted energy. The Project can also supply the reverse service by absorbing (charging) excess power during periods of low demand. This can avoid, for example, curtailment of wind turbines.

## 2. GRID REGULATION SERVICES –

The batteries can balance the moment-to-moment fluctuations in electric demand and changes in the output of renewable generation, thereby keeping the grid in balance to maintain reliability.



**3. SUPPORT FOR THE GRID OF THE FUTURE** – As New York transitions to a renewable energy future the need for flexibility is critical to maintaining reliability while integrating new wind and solar generators. The Project has the technology to provide additional services such as a local micro-grid and voltage support to assist the local utility.

## WHO BENEFITS?



The Project sells its services into New York's competitive wholesale power market that is administered by NYISO.

NYISO dispatches generators, such as the Project, to meet the need for power and services from homes and businesses served by each utility.

The Project will be able to provide its services at a lower cost and higher efficiency than current suppliers and; therefore, will be called on more frequently than higher cost, less efficient providers.