LIPA Draft Staff Recommendation: Integrated Resource Plan and Repowering Studies

April 19, 2017

LIPA Draft Staff IRP & Repowering Recommendation

Monitor

- Long Island energy and peak demand growth each year
- the operating performance and budgets of the generation plants relative to expectations

Evaluate

- opportunities for economies of scale in offshore wind by partnering with NYSERDA and other local utilities in procurement and interconnection to the electric grid

Maintain

- energy efficiency and renewable programs to reduce load by 950 megawatts through 2030
- efforts for fair property tax reductions on existing plants that reflect their past and forecasted decline in use

Study

- the peaking generation fleet and its ability to accommodate the flexible operating profile required by greater amounts of renewable generation
- selected retirements and modernization of peaking units

Cancel

- The 2010 Generation RFP with no award
- Further study of the current combined cycle repowering proposals for Barrett and Port Jefferson

Conduct

- technology neutral competitive procurements (e.g. peaking plants, batteries, demand response, etc.) to meet future identified needs, including utilizing rights to the National Grid brownfield power plant sites to obtain bids by multiple developers
- A repowering study of the Northport steam plant commencing October 2018, as required by law

Supporting Documents

- *2017 Integrated Resource Plan: PSEG Long Island Summary Analysis*
- *LIPA Generation Planning Review of Caithness Long Island II, and E.F. Barrett and Port Jefferson Repowerings* by The Brattle Group
- Letter from New York State Department of Public Service regarding Brattle Group review
- *Repowering Feasibility Study of Port Jefferson Power Station*
- *Repowering Feasibility Study of E.F. Barrett Power Station*
- *Condition Assessment of National Grid Electric Generation Assets* by RCM Technologies