



Philip D. Murphy
Governor

Sheila Y. Oliver
Lt. Governor

State of New Jersey
BOARD OF PUBLIC UTILITIES
Post Office Box 350
Trenton, New Jersey 08625-0350
www.nj.gov/bpu/

Aida Camacho-Welch
Secretary of the Board
Tel. # (609) 292-1599

NOTICE OF AVAILABILITY

Report of the New Jersey Board of Public Utilities to the New Jersey Legislature pursuant to the Clean Energy Act of 2018 (P.L. 2018, c. 17)

Completion of Energy Storage Analysis

VIA EMAIL ONLY - SenSweeney@njleg.org

The Honorable Stephen W. Sweeney
Senate President
935 Kings Highway, Suite 400
West Deptford, NJ 08086

VIA EMAIL ONLY - AsmCoughlin@njleg.org

The Honorable Craig Coughlin
Assembly Speaker
569 Rahway Ave.
Woodbridge, NJ 07095

VIA EMAIL ONLY - LoMara@njleg.org

Lori O'Mara-Van Driesen
Public Information Officer
Office of Legislative Services
Room B50, State House Annex
Post Box 068
Trenton, NJ 08625-0068

Dear President Sweeney, Speaker Coughlin, and Director O'Mara-Van Driesen:

As directed by the Board of Public Utilities on June 12, 2019, Board Staff submits the Energy Storage Analysis ("ESA") report prepared by the consultant engaged by the Board pursuant to the Clean Energy Act's Subsection 1(a) and (b) (the Act), codified at N.J.S.A. 48:3-87.8(a). A copy of the report may be found on the Board's website at www.nj.gov/bpu. With acceptance of the final report by the Board, this requirement of the Act is deemed complete.

As required by the Act, the ESA did the following:

- Considered how implementation of renewable electric energy storage systems may benefit ratepayers by providing emergency back-up power for essential services, offsetting peak loads, and stabilizing the electric distribution system;
- Considered whether implementation of renewable electric energy storage systems would promote the use of electric vehicles in the State, and the potential impact on renewable energy production in the State;
- Studied the types of energy storage technologies currently being implemented in the State and elsewhere;

- Considered the benefits and costs to ratepayers, local governments, and electric public utilities associated with the development and implementation of additional energy storage technologies;
- Determined the optimal amount of energy storage to be added in the State over the next five years in order to provide the maximum benefit to ratepayers;
- Determined the optimum points of entry into the electric distribution system for distributed energy resources; and
- Calculated the cost to the State's ratepayers of adding the optimal amount of energy storage.

Should you have any questions on the report or Board action, please do not hesitate to contact Board Staff member Jim Ferris at jim.ferris@bpu.nj.gov or (609) 292-1664.

Sincerely,



Aida Camacho-Welch
Secretary to the Board

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C: Jim Ferris, Office of Clean Energy