

**Commission to Study the Economic, Environmental and Energy Benefits of Energy Storage to the Maine Electricity Industry - Considerations for Suggested Legislation  
(December 2, 2019)**

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Resolve 2019, c.83 requires the commission to submit a report to EUT that includes *findings and recommendations including any suggested legislation*. It further specifies that suggested legislation must include adopting procurement targets for energy storage *if* determined beneficial for ratepayers.

**Question: For which, if any, recommendations does the Commission want the report be supplemented with actual draft legislation?**

**1. Establish Targets for Energy Storage Development**

- a. *Amend the statutes* to establish a State goal of reaching 100 megawatts (MW) of energy storage capacity available in the State by the end of 2025.

**2. Encourage Energy Storage in Renewable Energy Procurement**

- a. *Amend the statutes* to provide an adder for energy storage in procurements of new renewable generation resources under 35-A MRSA section 3210-G and of DG resources under 35-A MRSA, chapter 34-C in the contract price, subject to certain conditions; direct PUC to determine the specific value (or formula) along with eligibility criteria for this “adder” through a rulemaking or other appropriate PUC proceeding.

**3. Advance Energy Storage as an Energy Efficiency Resource**

- a. *Amend the statutes* governing EMT to ensure that EMT’s authority explicitly and affirmatively includes energy storage, by adding direct references to energy storage in relevant sections of statute, including definitions;
- b. Direct EMT to develop opportunities through its programs and initiatives to use energy storage to reduce peak electricity demand.

**4. Clarify Utility Ownership of Energy Storage**

- a. Direct PUC to open a docket to examine issues related to the ownership and operation of energy storage by transmission and distribution utilities.

**5. Address Rate Design and Energy Storage**

- a. Direct PUC to open a docket to investigate opportunities to modernize electricity rate design through time-of-use, or other time-differentiated rates, that send appropriate price signals and incentives to consumers to reduce demand during peak periods.
- b. Direct PUC to develop and implement a pilot program to test and evaluate time-of-use rates in conjunction with energy storage
- c. Direct PUC to develop and implement a schedule for regular review and update of electricity rate designs and ensure that the review include consideration of time differentiated rates.

**6. Advocate for Energy Storage in the Regional Energy Markets**

- a. Direct PUC, Governor’s Energy Office (GEO) and other state agencies as appropriate to seek opportunities to advocate for consideration of energy storage opportunities by ISO-New England in regional market planning and design.

**7. Conduct In-depth Analysis of Energy Storage Costs, Benefits and Opportunities**

- a. Direct GEO to conduct a comprehensive analysis to evaluate and quantify the costs, benefits and opportunities for energy storage in the State and develop specific recommendations for future policy and program development; provide necessary resources to carry out this work.
- b. *Amend the statutes* governing GEO State Energy Plan to require the plan, and biennial updates to the plan, specifically address energy storage development. (2 MRSA §9 sub§3)