

MAINE STATE LEGISLATURE

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128th MAINE LEGISLATURE

FIRST REGULAR SESSION-2017

Legislative Document

No. 257

H.P. 190

House of Representatives, January 31, 2017

An Act To Enable Municipalities Working with Utilities To Establish Microgrids

Reference to the Committee on Energy, Utilities and Technology suggested and ordered printed.

A handwritten signature in cursive script that reads "Robert B. Hunt".

ROBERT B. HUNT
Clerk

Presented by Representative DEVIN of Newcastle.
Cosponsored by Senator MIRAMANT of Knox and
Representatives: BERRY of Bowdoinham, GROHMAN of Biddeford, HARVELL of
Farmington, KUMIEGA of Deer Isle, RYKERSON of Kittery, TIPPING of Orono, TUELL of
East Machias, Senator: CHIPMAN of Cumberland.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **CONCEPT DRAFT**

3 **SUMMARY**

4 This bill is a concept draft pursuant to Joint Rule 208.

5 This bill proposes to establish measures to allow municipalities, working
6 cooperatively with electrical utilities, to create microgrids, which are electricity
7 distribution systems consisting of distributed energy sources, including demand
8 management, storage and generation and loads capable of operating in parallel with, or
9 independently from, the main power grid. This bill would address the following
10 requirements:

- 11 1. The generation of electricity from renewable sources into the microgrid;
- 12 2. Methods for adding capacity for storage and managing or enabling a utility to
13 manage the charging of the microgrid and the use of the stored power;
- 14 3. An appropriate rate for power generation and stored power usage;
- 15 4. A credit applicable toward municipal electricity utilization or assignable to
16 organizations or households according to municipal public service decisions; and
- 17 5. Contracts with utilities to receive compensation for scheduling or shedding of
18 electrical load in order to lower peak demand and consequently ratepayer prices.