



# 128th MAINE LEGISLATURE

## FIRST REGULAR SESSION-2017

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Legislative Document

No. 255

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H.P. 188

House of Representatives, January 31, 2017

### **An Act To Implement Electric Grid Reliability Recommendations**

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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 CHAPMAN of Brooksville.

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 directing the Public Utilities Commission to pursue the 4  
6 recommendations made by Emprimus LLC of Minneapolis, MN in Emprimus LLC's  
7 report to the Public Utilities Commission filed January 6, 2015, Docket Number 2013-  
8 00145, regarding the effect of geomagnetic disturbances and electromagnetic pulses on  
9 the State's electric grid. These recommendations include:

10 1. Pursuing neutral blocking in the 18 transformers of the State's electric grid with  
11 the highest geo-electric-induced currents;

12 2. Installing electromagnetic pulse and intentional electromagnetic interference  
13 detectors at key substations on the State's electric grid;

14 3. Installing electromagnetic pulse and intentional electromagnetic interference  
15 protective cabinets at key substations on the State's electric grid; and

16 4. Monitoring the costs and benefits derived from protection of the State's electric  
17 system from harmful effects of geomagnetic disturbances and support the cost recovery  
18 of supplemental reliability improvements to Central Maine Power's Maine Power  
19 Reliability Program.