MAINE STATE LEGISLATURE

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128th MAINE LEGISLATURE

FIRST REGULAR SESSION-2017

Legislative Document

No. 255

H.P. 188

House of Representatives, January 31, 2017

An Act To Implement Electric Grid Reliability Recommendations

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

ROBERT B. HUNT Clerk

R(+ B. Hunt

Presented by Representative CHAPMAN of Brooksville.

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 recommendations made by Emprimus LLC of Minneapolis, MN in Emprimus LLC's 6 report to the Public Utilities Commission filed January 6, 2015, Docket Number 2013-7 00145, regarding the effect of geomagnetic disturbances and electromagnetic pulses on 8 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 the highest geo-electric-induced currents; 11 12 2. Installing electromagnetic pulse and intentional electromagnetic interference 13 detectors at key substations on the State's electric grid; 3. Installing electromagnetic pulse and intentional electromagnetic interference 14 protective cabinets at key substations on the State's electric grid; and 15

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

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4. Monitoring the costs and benefits derived from protection of the State's electric