

**AMENDMENT TO**  
**RULES COMMITTEE PRINT 116-54**  
**OFFERED BY MS. PORTER OF CALIFORNIA**

Page 1500, after line 11, insert the following section:

**1 SEC. 33117. GRANT PROGRAM FOR CELLULAR PHONE AP-**  
**2 PLICATIONS.**

**3 (a) IN GENERAL.**—Not later than one year after the  
**4 date of the enactment of this Act, the Assistant Secretary**  
**5 shall establish a grant program under which the Assistant**  
**6 Secretary shall award grants to eligible entities to carry**  
**7 out an eligible project described in subsection (b).**

**8 (b) ELIGIBLE PROJECT.**—An eligible entity receiving  
**9 a grant under subsection (a) may use grant funds for re-**  
**10 search and development activities with respect to the cre-**  
**11 ation of a cellular phone application that allows the public**  
**12 to monitor an applicable power grid, including providing**  
**13 a user with the ability to—**

**14 (1) receive grid system alerts;**

**15 (2) view the status of the grid, including—**

**16 (A) current demand for power;**

**17 (B) the forecasted peak demand for power;**

**18 and**

1 (C) trends in demand for power;

2 (3) monitor power grid capacity;

3 (4) visualize, through a chart or graph—

4 (A) the types of energy sources that are  
5 serving the grid, including clean energy sources  
6 and other energy sources, as applicable;

7 (B) the percentage of power that is being  
8 provided to the grid from each such energy  
9 source;

10 (C) the power supply in response to de-  
11 mand on the grid, with a display of the dif-  
12 ferent types of energy sources being used to  
13 meet demand; and

14 (D) the carbon dioxide emissions resulting  
15 from energy use with respect to the grid, in-  
16 cluding a breakdown showing the percentage of  
17 emissions coming from any energy sources cre-  
18 ating such emissions; and

19 (5) monitor energy prices in each region served  
20 by an independent system operator.

21 (c) APPLICATIONS.—To be eligible to receive a grant  
22 under this section, an eligible entity shall submit to the  
23 Assistant Secretary an application in such form, at such  
24 time, and containing such information as the Assistant  
25 Secretary determines necessary.

1 (d) OUTREACH.—The Assistant Secretary shall con-  
2 duct such outreach as the Assistant Secretary determines  
3 is necessary to ensure that eligible entities are aware of  
4 the existence of the grant program established under this  
5 section.

6 (e) DEFINITIONS.—In this section:

7 (1) APPLICABLE POWER GRID; GRID.—The  
8 terms “applicable power grid” and “grid” mean a  
9 power grid overseen by an eligible entity.

10 (2) ASSISTANT SECRETARY.—The term “Assist-  
11 ant Secretary” means the Assistant Secretary for  
12 the Office of Electricity.

13 (3) CELLULAR PHONE APPLICATION.—The  
14 term “cellular phone application” means a software  
15 application that enables the performance of specific  
16 tasks that may be run on a computer, a mobile de-  
17 vice, the internet, or any other electronic device.

18 (4) CLEAN ENERGY SOURCE.—The term “clean  
19 energy source” means a fuel, electrical, or energy  
20 source that significantly limits or avoids greenhouse  
21 gas emissions, as determined by the Secretary.

22 (5) ELIGIBLE ENTITY.—The term “eligible enti-  
23 ty” means an independent system operator, regional  
24 transmission organization, or other transmission sys-  
25 tem operator.

1           (6) INDEPENDENT SYSTEM OPERATOR.—The  
2           term “independent system operator” has the mean-  
3           ing given such term in section 3 of the Federal  
4           Power Act (16 U.S.C. 796).

5           (7) LOAD.—The term “load” means the total  
6           amount of electrical power that is demanded by  
7           users of the grid.

8           (8) REGIONAL TRANSMISSION ORGANIZATION.—  
9           The term “regional transmission organization” has  
10          the meaning given such term in section 3 of the  
11          Federal Power Act (16 U.S.C. 796).

