
HOUSE CONCURRENT RESOLUTION

REQUESTING THE PUBLIC UTILITIES COMMISSION TO INVESTIGATE
INCENTIVES TO PROMOTE ENERGY STORAGE SYSTEMS.

1 WHEREAS, Hawaii's unique isolation, growing electric
2 demands, and significant dependence on imported oil requires
3 strategic use of existing infrastructure and resources to more
4 effectively meet energy needs; and

5
6 WHEREAS, utilization of all energy resources includes not
7 only the accelerated development of Hawaii's diverse renewable
8 energy resources, continued energy conservation, and prudent
9 additions of traditional generation and transmission when
10 necessary, but it also includes making maximum use of Hawaii's
11 existing power generation, transmission, and distribution
12 infrastructure; and

13
14 WHEREAS, energy storage load shifting is a proven
15 technology that can free up additional on-peak power, decrease
16 fossil fuel use, improve renewable energy utilization, and
17 reduce energy costs by fully utilizing existing power
18 generation, transmission, and distribution facilities during
19 off-peak periods; and

20
21 WHEREAS, it is in the public interest to encourage maximum
22 use of Hawaii's existing electrical infrastructure by providing
23 incentives, through electric tariffs and other means, that are
24 sufficient to promote electric usage during off-peak periods and
25 ensure the continued use and development of energy storage
26 systems in Hawaii; now, therefore,

27
28 BE IT RESOLVED by the House of Representatives of the
29 Twenty-third Legislature of the State of Hawaii, Regular Session
30 of 2006, the Senate concurring, that the Public Utilities
31 Commission is requested to:
32



1 (1) Investigate electric tariffs and other incentives to
2 promote electric usage during off-peak periods; and
3

4 (2) Provide incentives for electric customers to invest in
5 energy storage equipment that will better utilize
6 Hawaii's existing power system infrastructure through
7 aggressive load shifting; and
8

9 BE IT FURTHER RESOLVED that the Public Utilities Commission
10 is requested to design the incentives to protect customers who
11 install energy storage equipment from being charged electric
12 fees and penalties in excess of what would be paid by other
13 customers with similar loads at similar times under non-
14 incentive rates; and
15

16 BE IT FURTHER RESOLVED that the Public Utilities Commission
17 is urged to seriously consider the incentives prior to the
18 approval of any new utility peaking generation; and
19

20 BE IT FURTHER RESOLVED that the Public Utilities Commission
21 is requested to report:
22

23 (1) Its progress on providing incentives to promote
24 electric usage during off-peak periods and develop
25 energy storage system usage; and
26

27 (2) Its findings and recommendations, including proposed
28 legislation, if any,
29

30 to the Legislature not later than twenty days prior to the
31 convening of the Regular Session of 2007; and
32

33 BE IT FURTHER RESOLVED that certified copies of this
34 Concurrent Resolution be transmitted to the Chair of the Public
35 Utilities Commission; the Director of Commerce and Consumer
36 Affairs; the Presidents of Hawaiian Electric Company
37 Incorporated, Maui Electric Company Limited, and Hawaii Electric
38 Light Company Incorporated; and the Chief Executive Officer and
39 Chair of the Board of the Kauai Island Utility Cooperative.
40
41
42

OFFERED BY: *Yumina Nowi*

