

STAND. COM. REP. NO.

2789

Honolulu, Hawaii

MAR 04 2016

RE: S.B. No. 2604
S.D. 1

Honorable Ronald D. Kouchi
President of the Senate
Twenty-Eighth State Legislature
Regular Session of 2016
State of Hawaii

Sir:

Your Committee on Ways and Means, to which was referred S.B. No. 2604 entitled:

"A BILL FOR AN ACT RELATING TO A MICROGRID PILOT PROJECT FOR SCHOOLS,"

begs leave to report as follows:

The purpose and intent of this measure is to require the Department of Education to establish an off-grid microgrid pilot project through the Ka Hei Program.

Your Committee received written comments in support of this measure from the Board of Education, Department of Education, OpTerra Energy Services, and Hawaiian Electric Company.

Your Committee finds that the Department of Education incurs significant electricity costs, partially due to the need to provide heat abatement for an improved learning environment. Additionally, many Department of Education schools serve as emergency shelters and are vulnerable to power grid failures during an emergency.

Your Committee also finds that microgrids are a group of interconnected loads and distributed energy within defined electrical boundaries that can act as single controllable entities with respect to the power grid. Using microgrids to provide energy to Department of Education schools can lower utility costs, provide reliable energy during emergencies, and help the State progress toward its renewable portfolio standard goal of one

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hundred per cent by 2045. While the Department of Education may not be able to install and use microgrids at all public schools immediately, the establishment of a microgrid pilot project will provide the department with the information it needs to eventually install and use microgrids across all public schools effectively and efficiently.

Your Committee has amended this measure by making technical nonsubstantive changes for purposes of clarity, consistency, and style.

As affirmed by the record of votes of the members of your Committee on Ways and Means that is attached to this report, your Committee is in accord with the intent and purpose of S.B. No. 2604, as amended herein, and recommends that it pass Third Reading in the form attached hereto as S.B. No. 2604, S.D. 1.

Respectfully submitted on
behalf of the members of the
Committee on Ways and Means,

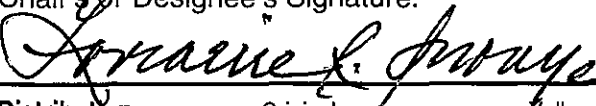


JILL N. TOKUDA, Chair



The Senate
Twenty-Eighth Legislature
State of Hawai'i

Record of Votes
Committee on Ways and Means
WAM

Bill / Resolution No.:* SB 2604	Committee Referral: EDU / TRE, WAM	Date: 2/26/2016
<input type="checkbox"/> The Committee is reconsidering its previous decision on this measure. If so, then the previous decision was to: _____		
The Recommendation is: <input type="checkbox"/> Pass, unamended 2312 <input checked="" type="checkbox"/> Pass, with amendments 2311 <input type="checkbox"/> Hold 2310 <input type="checkbox"/> Recommit 2313		
Members	Aye	Aye (WR)
Nay	Excused	
TOKUDA, Jill N. (C)	✓	
DELA CRUZ, Donovan M. (VC)	✓	
CHUN OAKLAND, Suzanne	✓	
ENGLISH, J. Kalani		
GALUTERIA, Brickwood		
HARIMOTO, Breene		
INOUE, Lorraine R.		✓
RIVIERE, Gil	✓	
TANIGUCHI, Brian T.	✓	
WAKAI, Glenn	✓	
SLOM, Sam	✓	
TOTAL	6	1
Recommendation: <input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Not Adopted		
Chair's or Designee's Signature: 		
Distribution: Original Yellow Pink Goldenrod File with Committee Report Clerk's Office Drafting Agency Committee File Copy		

*Only one measure per Record of Votes