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## HOUSE RESOLUTION

URGING THE PUBLIC UTILITIES COMMISSION TO REQUIRE THAT ALL DOCUMENTS, TESTIMONY, AND VISUAL DISPLAYS SUBMITTED TO THE COMMISSION, IN CONNECTION WITH A DOCKET INCLUDE ACCURATE INFORMATION ON THE NET OR PROJECTED ENERGY GENERATION IN ADDITION TO THE NAMEPLATE CAPACITY.

1 WHEREAS, section 269-92, Hawaii Revised Statutes, requires  
2 each electric utility company to establish a renewable portfolio  
3 standard of one hundred percent of its net electricity sales by  
4 December 31, 2045; and

5  
6 WHEREAS, a statewide survey shows that eighty-five percent  
7 of the public supports developing more sources of renewable  
8 energy in Hawaii; and

9  
10 WHEREAS, the Public Utilities Commission regulates all  
11 chartered, franchised, certificated, and registered public  
12 utility companies operating in the State; reviews and approves  
13 rates, tariffs, charges and fees; determines the allowable rate  
14 of earnings in establishing rates; issues guidelines concerning  
15 the general management of franchised or certificated utility  
16 businesses; and acts on requests for the acquisition, sale,  
17 disposition or other exchange of utility properties, including  
18 mergers and consolidations; and

19  
20 WHEREAS, it has come to the attention of this body that  
21 information made available to the public may be unclear on the  
22 distinction between nameplate capacity and rated output; and

23  
24 WHEREAS, renewable energy projects which lack clarity on  
25 the ability of the project to produce energy may discourage  
26 public support for the project; and

27  
28 WHEREAS, the public has a right to accurate and readily  
29 comprehensible information about energy projects in order to  
30 submit informed testimony on a docket; and

31  
32 WHEREAS, statewide wind production capacity is estimated to  
33 be 171 megawatts by nameplate capacity but the actual energy



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1 capacity is estimated to be only thirty-two percent of that  
2 amount; and

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4 WHEREAS, for solar photovoltaics and wind power, the  
5 calculations of the nameplate capacity or rated output do not  
6 usually represent the actual energy generation; and

7  
8 WHEREAS, the public can be misled due to a lack of  
9 awareness of the difference between a project's advertised  
10 nameplate capacity and a project's net energy generation; and

11  
12 WHEREAS, net generation refers to the amount of gross  
13 electricity generation a generator produces minus the  
14 electricity used to operate the power plant such as fuel  
15 handling equipment, water pumps, combustion and cooling air  
16 fans; pollution control equipment; and other electricity needs;  
17 now, therefore,

18  
19 BE IT RESOLVED by the House of Representatives of the  
20 Twenty-ninth Legislature of the State of Hawaii, Regular Session  
21 of 2017, that the Public Utilities Commission is urged to  
22 require that all documents, testimony, and visual displays  
23 submitted to the Commission in connection with a docket include  
24 accurate information on the net or projected energy generation  
25 in addition to the nameplate capacity; and

26  
27 BE IT FURTHER RESOLVED that all applicable discussions  
28 during public meetings of the Public Utilities Commission refer  
29 to the net or projected energy generation in addition to the  
30 nameplate capacity; and

31  
32 BE IT FURTHER RESOLVED that certified copies of this  
33 Resolution be transmitted to the Governor; Director of Business,  
34 Economic Development, and Tourism; Chair of the Public Utilities  
35 Commission; and Hawaii State Energy Office.

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OFFERED BY:

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~~Guthrie Nielsen~~ ~~Chen Call~~  
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