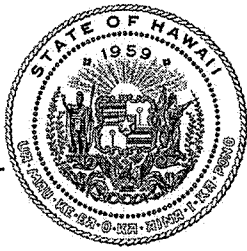


SB 553



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

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Statement of
THEODORE E. LIU
Director
Department of Business, Economic Development, and Tourism
before the
**SENATE COMMITTEE ON
WAYS AND MEANS**
Thursday, February 26, 2009
9:00 a.m.
State Capitol, Conference Room 211

in consideration of
SB553,SD1
RELATING TO ENERGY EFFICIENT LIGHTING.

Chair Kim, Vice Chair Tsutsui, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports the intent of SB553,SD1, but feels that the measures in this bill can be achieved administratively. SB553,SD1, requires the use of compact fluorescent light bulbs (CFL's), light-emitting diode products (LED's), and energy-efficient incandescent light bulbs in state buildings. We support this measure insofar as its implementation does not impact or replace the priorities set forth in the Executive Biennium Budget for Fiscal years 2009-2010.

Lighting is often the largest energy user in buildings. Even when it is second to air conditioning, heat from lighting fixtures adds considerably to air conditioning load. Retrofitting to energy-efficient lighting systems is often the quickest, easiest and most cost-effective means of reducing electricity use in buildings. The payback time for lighting retrofits is sometimes less than a year, yielding a return on investment of more than 100%.

Lighting efficiency and quality have improved dramatically over the last decade. Many LED manufacturers have partnered with the U.S. Department of Energy to set recognized standards that have garnered Energy Star status for compliant LED's. The price of LED's is dropping as efficiency rises. Both CFL's and LED's are now available in all color temperatures and have excellent color rendition indices.

We would suggest deleting reference to "advanced energy-efficient incandescent light bulbs," as they remain inherently hot and inefficient and do not qualify for Energy Star rating. That said, there may be very specialized situations which do not allow for replacement by CFL's or LED's, and we defer to the Department of Accounting and General Services.

High-efficiency lighting in state facilities will play an integral role in meeting the state's target of 70% clean energy by 2030. We look forward to working with state agencies to achieve this goal administratively.

Thank you for the opportunity to offer these comments.