

# **Legislative Directive: EISA 2007**

## **Subtitle B – Lighting Energy Efficiency**

### **Sec. 321. Lighting Energy Efficiency.**

(g) Research and Development Program. –

(1) In General. – The Secretary may carry out a lighting technology research and development program –

(A) to support the research, development, demonstration, and commercial application of lamps and related technologies sold, offered for sale, or otherwise made available in the United States; and

(B) to assist manufacturers of general service lamps in the manufacturing of general service lamps that, at a minimum, achieve the wattage requirements imposed as a result of the amendments made by subsection (a).

(2) Authorization of Appropriations. – There are authorized to be appropriated to carry out this subsection \$10,000,000 for each of fiscal years 2008 through 2013.

(3) Termination of Authority. – The program under this subsection shall terminate on September 30, 2015.

(h) Reports to Congress. –

(3) National Academy Review. –

(A) IN GENERAL. – Not later than December 31, 2009, the Secretary shall enter into an arrangement with the National Academy of Sciences to provide a report by December 31, 2013, and an updated report by July 31, 2015. The report should include –

(i) the status of advanced SSL research, development, demonstration and commercialization;

(ii) the impact on the types of lighting available to consumers of an energy conservation standard requiring a minimum of 45 lumens per watt for general service lighting effective in 2020; and

(iii) the time frame for the commercialization of lighting that could replace current incandescent and halogen incandescent lamp technology and any other new technologies developed to meet the minimum standards required under subsection (a)(3) of this section.

(B) Reports. – The reports shall be transmitted to the Committee on Energy and Commerce of the House of Representatives and the Committee on Energy and Natural Resources of the Senate.