

H.R.6

To enhance energy conservation and research and development, to provide for security and diversity in the energy supply for the American people, and for other purposes. (Placed on Calendar in Senate)

SEC. 13204. INCREASED HYDROELECTRIC GENERATION AT EXISTING FEDERAL FACILITIES.

(a) **IN GENERAL-** The Secretary of Energy, in consultation with the Secretary of the Interior and Secretary of the Army, shall conduct studies of the cost-effective opportunities to increase hydropower generation at existing federally-owned or operated water regulation, storage, and conveyance facilities. Such studies shall be completed within two years after the date of enactment of this subtitle and transmitted to the Committee on Commerce of the House of Representatives and the Committee on Energy and Natural Resources of the Senate. An individual study shall be prepared for each of the Nation's principal river basins. Each such study shall identify and describe with specificity the following matters:

- (1) Opportunities to improve the efficiency of hydropower generation at such facilities through, but not limited to, mechanical, structural, or operational changes.
- (2) Opportunities to improve the efficiency of the use of water supplied or regulated by Federal projects where such improvement could, in the absence of legal or administrative constraints, make additional water supplies available for hydropower generation or reduce project energy use.
- (3) Opportunities to create additional hydropower generating capacity at existing facilities through, but not limited to, the construction of additional generating facilities, the uprating of generators and turbines, and the construction of pumped storage facilities.
- (4) Preliminary assessment of the costs and the economic and environmental consequences of such measures.

(b) **PREVIOUS STUDIES-** If studies of the type required by subsection (a) have been prepared by any agency of the United States and published within the five years prior to the date of enactment of this subtitle, the Secretary of Energy may choose not to perform new studies and incorporate the information in such studies into the studies required by subsection (a).

(c) **AUTHORIZATION-** There is authorized to be appropriated such sums as may be necessary to carry out the purposes of this section.