



Hydropower: Federal and Nonfederal Investment

By Adam Vann

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 28 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. Congress is examining numerous energy sources to determine their contribution to the nations energy portfolio and the federal role in supporting these sources. Hydropower, the use of flowing water to produce electricity, is one such source. Conventional hydropower accounted for approximately 6 of total U. S. net electricity generation in 2010. Hydropower has advantages and disadvantages as an energy source. Its advantages include its status as a continuous, or baseload, power source that releases minimal air pollutants during power generation relative to fossil fuels. Some of its disadvantages, depending on the type of hydropower plant, include high initial capital costs, ecosystem disruption, and reduced generation during low water years and seasons. Hydropower project ownership can be categorized as federal or nonfederal. The bulk of federal projects are owned and managed by the Bureau of Reclamation and the U. S. Army Corps of Engineers. Nonfederal projects are licensed and overseen by the Federal Energy Regulatory Commission (FERC). Considered by many to be an established energy source, hydropower is not always discussed alongside clean or renewable energy sources in the ongoing energy debate....



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