



Energy Support in the Stimulus Bill: An Overview of the Spending Provisions

PRESENTED BY

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Support for Energy in the Bill

- Of the \$787 Billion in the bill, over \$40 billion is provided to support energy projects and energy efficiency
- Generally, the bill supports:
 - Transmission and smart grid
 - Renewable technologies
 - Energy efficiency
 - Clean coal technologies

Transmission and Smart Grid

- \$4.5 provided to support transmission and smart grid technologies
 - \$100 million for worker training
 - \$80 million for DOE analysis of future transmission needs
 - \$10 million for Smart Grid Interoperability Framework
- Process
 - DOE issued a notice of intent on March 2, 2009
 - DOE will issue a Funding Opportunity Announcement this month for: Regional Smart Grid Demonstrations, Utility-Scale Energy Storage Demonstrations, and Synchrophaser Demonstrations. Grant recipients to receive no more than 50% of costs.
- Other transmission support
 - Temporary loan guarantee – up to \$60 billion in loans for transmission and renewable projects
 - BPA/WAPA borrowing authority – an additional \$3.25 billion each.

Renewable Technologies

- Temporary Loan Guarantee
 - \$6 billion provided to support up to \$60 billion for biofuel projects and renewable technologies.
- \$2.5 billion for applied research, development, demonstration and deployment activities
 - \$800 million for biomass projects
 - \$400 million for geothermal projects
 - \$50 million for information and communications technologies
 - \$1.25 billion for other research and development purposes
- Military R&D -- \$300 million for energy efficiency and renewable R&D

Energy Efficiency

- DOE
 - State Grants
 - \$3.2 billion for Block Grants
 - \$3.1 billion for State Energy Program
 - \$2.5 billion for EERE (see previous slide)
 - \$5 billion for Weatherization
 - \$400 million for ARPA-E
- Federal Buildings
 - Defense Department O&M
 - \$4.5 billion for GSA facilities
- Low Income Assistance
 - \$510 million for Native American Housing Block Grants
 - Low income housing: \$250 million for green retrofit assistance; \$1 billion for public housing capital fund; \$1 billion for community development fund.

Clean Coal

- \$3.4 billion is provided to the Fossil Energy Program
 - \$1 billion to be used for fossil energy research and development programs.
 - \$800 million for additional CCPI Round III funding
 - \$1.5 billion for competitive solicitation for industrial carbon capture and energy efficiency improvement projects
 - \$50 million for competitive solicitation for site characterization activities for geologic formations
 - \$20 million for geologic sequestration training and research grants
 - \$10 million for program direction funding