

Office of Electricity Delivery and Energy Reliability

EPACT's Smart Metering Sec. 1252 and DOE

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Administration Demand Response Policy Statements

National Energy Policy -- National Transmission Grid Study recommendations on demand response:

“DOE will work with FERC, the states, and industry and conduct research on programs and technologies to enhance voluntary customer load reduction in response to transmission system emergencies and market price signals.

DOE will work with states and industry to educate consumers on successful voluntary load-reduction programs. DOE will disseminate information on successful approaches and technologies.

DOE will continue to work with NGA, regional governors' associations, and NARUC to remove regulatory barriers to voluntary customer load-reduction programs, and targeted energy-efficiency and distributed-generation programs that address transmission bottlenecks and lower costs to consumers.”



Sec. 1252(d) Provisions & DOE

- **The Secretary shall...**
 - **educate consumers on advanced metering & communications technologies; including funding of demos or pilot projects;**
 - **work with states, utilities, others and advanced metering & communications technologies to identify and address barriers to the adoption of demand response programs; and,**
 - **provid[e] Congress with a report that identifies and quantifies the national benefits of demand response and makes a recommendation on achieving specific levels of such benefits by January 1, 2007**



Sec. 1252(d) Provisions & DOE

- **...But unfortunately Congress in its recent FY06 appropriations act stated it was not providing DOE any funds for EPACT implementation until FY07**
- **DOE will still submit all requested EPACT Reports to Congress**
- **For demand response, DOE does have ongoing activities that respond to Sec. 1252....**



Sec. 1252(d) Provisions & DOE

- **Educating consumers....**
 - **Advanced metering toolbox website**
www.energetics.com/madri/toolbox
- **Working with states, utilities,....**
 - **Regional forums such as NEDRI and MADRI, other regions??**
 - **Intl Energy Agency “Demand Response Resources” project spawned DRCC**
 - **DRCC has “taken over” DOE/FERC Demand Response Mtg**
 - **Plus some limited direct technical consulting**
- **Report to Congress underway**



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DOE's Sec. 1252(d) Demand Response Report to Congress

- **By 2/6/06, “provid[e] Congress with a report that identifies and quantifies the national benefits of demand response and makes a recommendation on achieving specific levels of such benefits by January 1, 2007.”**
- **Key principles DOE will use:**
 - **Maximize use of existing studies and analysis**
 - **Allow input from stakeholders & experts from the private sector (but not dictate methods or results)**
 - **Include practical suggestions for decision makers on methods for estimating benefits of demand response**
 - **Focus on high impact recommendations for action by States, Feds, and others to expand the use of demand response**



DOE's Sec. 1252 Demand Response Report to Congress

- **Tasks:**
 - Data collection & literature review
 - Qualitative & quantitative analysis of DR benefits
 - Expert & stakeholder involvement
 - Report writing
- **Schedule:**
 - Public comment period on policy recommendations extended to Nov. 23
 - Mid – December invited peer review of a draft
 - Jan. 3 final draft for Administration clearance
 - On or before Feb. 3 Report to Congress sent
- **LBNL & Energetics assisting DOE**