



Legislative Requirements of Epack 2005, EISA 2007 and Beyond



FPCC

Federal Performance
Contracting Coalition



EPACT and EISA Federal Energy Provisions

- Reduce Building Energy Intensity by 30% by 2015 (EISA)
- Increase Renewables to 7.5% by 2013 (EPACT)
- Double count RE generated and used on site (EPACT)
- Use sustainable Design principles (EISA)



EPACT and EISA Federal Energy Provisions

- New Construction or Major Renovations reduce fossil fuel energy consumption by
 - 65% by 2015
 - 80% by 2020
 - 100% by 230 (EISA)
- Major replacements use most energy efficient designs, systems, equipment and controls on a life cycle basis (EISA)



EISA Section 432

- 75% of federal buildings have energy manager (EISA)
- 75% of federal buildings must have energy and water evaluations every 4 years (EISA)
- Energy Projects, regardless of how funded must include M&V (EISA)



ESPC Clarifications and Provisions in EISA

- Permanently authorized
- Allows ESPCs to be used in combination with Appropriated funds
- Eliminates Congressional Notification
- Retention of Savings
- Study of Non-Building Applications



Current Energy Bills in Congress

ESPC Provisions

- Competition Requirements for ESPC
- Add Renewables to definition of ESPCs
- Financing Flexibility – includes “notwithstanding” language



Other Federal Energy Provisions in Current Bills

- Inclusion of Renewable Thermal energy as a renewable energy
- Allows credit for renewables generated but not used on site
- Long utility contracts for renewables (20-30 years)
- Net metering and interconnection standards for Federal Renewables



Other Federal Energy Provisions under consideration

- Energy Bank
- Other provisions in the Carper bill
 - Power purchase agreements
 - Renewable energy facilities surveys
 - Federal Energy Management Data and Collection Standards
 - Continuous commissioning of Federal Building Stock
- Federal Personnel Training Act



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