



Energy Independence and Security Act of 2007 (PL 110-140)

CHP, Waste Energy, and Industrial CHP Provisions and Authorizations

Sec. 451 – INDUSTRIAL ENERGY EFFICIENCY (Subtitle D)

- Charge the EPA with creating a waste-energy inventory, surveying major combustion sources for quantity and quality of waste heat, and authorize funds to provide technical support to help owners or operators determine the feasibility of waste-energy recovery and combined heat and power projects.
 - Rulemaking due 270 days after enactment
 - Registry due 1 year after enactment
 - EPA Authorization:
 - o \$1 Million for each of FYs 2008-2012 to administer inventory
 - DOE Authorization:
 - o \$2 Million for each of FYs 2008-2012 to fund feasibility studies
 - o \$5 Million to fund state energy offices

- Establish a Waste Energy Recovery Incentive Grant Program within DOE that would provide incentive payments of \$10 per megawatt-hour for documented electricity produced from waste energy recovery projects, or for production of thermal energy, \$10 for each 3.412 Million Btus of excess thermal energy repurposed.
 - Limitation on providing grants to CHP/waste energy that qualifies for tax incentives
 - DOE Authorization:
 - o \$100 Million for FY 2008 for incentive grants
 - o \$200 Million for FYs 2009-2012 for incentive grants
 - o \$10 Million for FYs 2008-2012 to make grants to States

- For sales of excess power, enable States to require long-term contracts from utilities, retail wheeling, or the construction of private wires.
- Rename the Combined Heat and Power Application Centers to "Clean Energy Application Centers" and move their administration within the Department of Energy to the Office of Energy Efficiency and Renewable Energy.
 - DOE Authorization:
 - o \$10 million FYs 2008-2012 to encourage deployment of clean energy technologies through education and outreach