

## Savings Estimates for Jobs Bill

ACEEE's preliminary assessment of the potential energy, carbon, and economic savings

9-Mar-10

Annual Energy Savings Estimates		Annual Savings in 2011 as a Result of 2010-2011 installations (2)							Net Jobs Estimates (1)				
Subtitle	Section	Electricity (TWh)	Fuels Savings (TBtu) (3)	Primary Energy Savings (Quads)	Avoided Carbon Dioxide (MMT)	Federal Investment (billion 2010 \$)	Total Investment (in Billion 2010\$)	Annual Participant Savings (Billion 2010\$)	Year 1 - 2010	Year 2 - 2011	Year 3 - 2012	Year 5 - 2014	Year 10 - 2019
Buildings Efficiency	Home Star	4.2	39.7	0.08	4.14	6.00	13.50	1.12	126,000	36,000	2,000	2,000	2,000
	Building Star	31.6	48.8	0.38	21.36	6.00	18.00	3.29	130,000	57,000	22,000	21,000	19,000
Manufacturing Efficiency	<i>Energy Benefits</i>	41.3	356.7	0.79	43.42	4.00	20.00	5.35	71,000	73,000	6,000	6,000	6,000
	<i>Non-Energy Benefits (4)</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6,000	18,000	23,000	22,000	21,000
	Industrial Grants Subtotal	41.3	356.7	0.8	43.4	4.0	20.0	5.4	77,000	91,000	30,000	28,000	26,000
<b>Total</b>		77	445	1.2	69	\$ 16.0	\$ 51.5	\$ 9.8	333,000	184,000	54,000	51,000	48,000

- Notes:
1. The net job impacts are adapted from estimates provided by ACEEE's Stimulus Job Calculator (<http://www.aceee.org/energy/national/recovery.htm>)
  2. Savings provided are annual savings in 2011 as a result of installations in 2010 and 2011.
  3. Includes natural gas, distillate fuel oil, and "other fuels" as defined by AEO 2009.
  4. Research shows that industrial efficiency projects typically accrue non-energy savings of at least twice those due to energy.
  5. Primary energy and avoided carbon dioxide savings are higher for the commercial and industrial sectors, as savings are heavily weighted toward electricity. Residential savings are weighted toward heating fuels.
  6. Jobs created by industrial energy efficiency tend to have higher salaries than the residential or commercial sectors.

For more information, see <http://www.aceee.org/press/e101pr.htm> or contact:  
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