



Industrial Program Managers Network webinar

Friday, May 29, 2009

Anna Chittum

R. Neal Elliott, Ph.D., P.E.

ACEEE

Agenda – 5/29/09

- Energy management programs
 - Alex Adams (BC Hydro) and Andrew Smith (OPA)
- Take-aways from the Industrial Energy Technology Conference
- Current policy and legislative activities
- Upcoming events, reports, Network activities

Alex Adams, BC Hydro

Andrew Smith, Ontario Power Authority

Industrial Energy Technology Conference: New Orleans, LA

- Mature industrial programs at the corporate level
- Impending greenhouse gas regulation:
 - How can savings be monetized?
 - Timing of projects
- Future Network considerations?
 - Looking at models of energy savings that translate to corporate leadership
 - Integrating greenhouse gas considerations into efficiency programs



Federal Energy Policy Update

R. Neal Elliott, Ph.D., P.E.

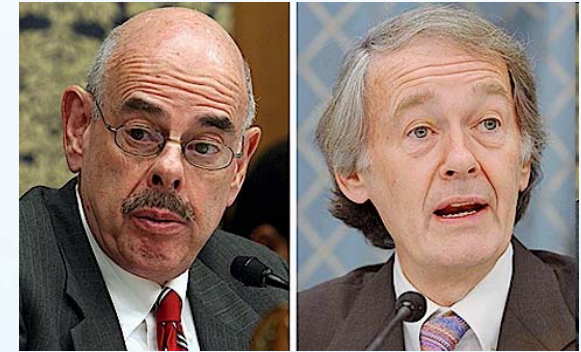
Assoc. Director for Research

American Council for an Energy-Efficient Economy

Industrial Energy Technology Conference

May 29, 2009

HR-2454 entitled *American Clean Energy and Security Act of 2009*—Waxman-Markey



- RES/EERS—12% RE, 5% EE & 3% state option. End use efficiency including CHP plus T&D savings
- Support of plant performance certification standards
- Establishes expanded centers proposal—industry, buildings and distributed energy with regional coordinating centers
- Premium motor replacement provision
- Allocation of greenhouse gas credits to affected industries
- Allocation of greenhouse gas credits to energy efficiency

Senate Energy Bill



- Being assembled from various pieces
 - Manufacturing – S. 661
 - Appliances
 - Motor Crusher Credit
 - Motor Market Study Update
 - RES/EERS
 - Tax provisions – TBD. Possible:
 - Motor system
 - Advanced motors
 - Industrial process water

Restoring America's Manufacturing Leadership through Energy Efficiency Act of 2009 (S. 661)

- DOE grants to lenders to create regional revolving loan programs for manufacturers
- Partnerships between ITP and other applied technology programs to engage in early stage manufacturing technology development
- DOE to assess potential of under-implemented technologies
- Roadmaps to plan out how to achieve decreased intensity
- Expanded IACs to reach more small- and medium-sized manufacturers and train industrial engineers
- Industrial Innovation Grants
- Joint industry-government manufacturing partnerships

Motor Crusher Credit

- Introduced by Sen. Lincoln (D-AR) & Sen. Pryor (D-AR) in Sen. Energy and Rep. Baldwin (D-WI) in House Climate
 - DOE to provide incentives to replace older motors with new NEMA Premium[®] motors
 - National awareness & processing
 - Grants would be available to provide:
 - \$25 per horsepower to the end user purchasing a replacement motor
 - \$5 per horsepower to the Vendor selling the replacement motor

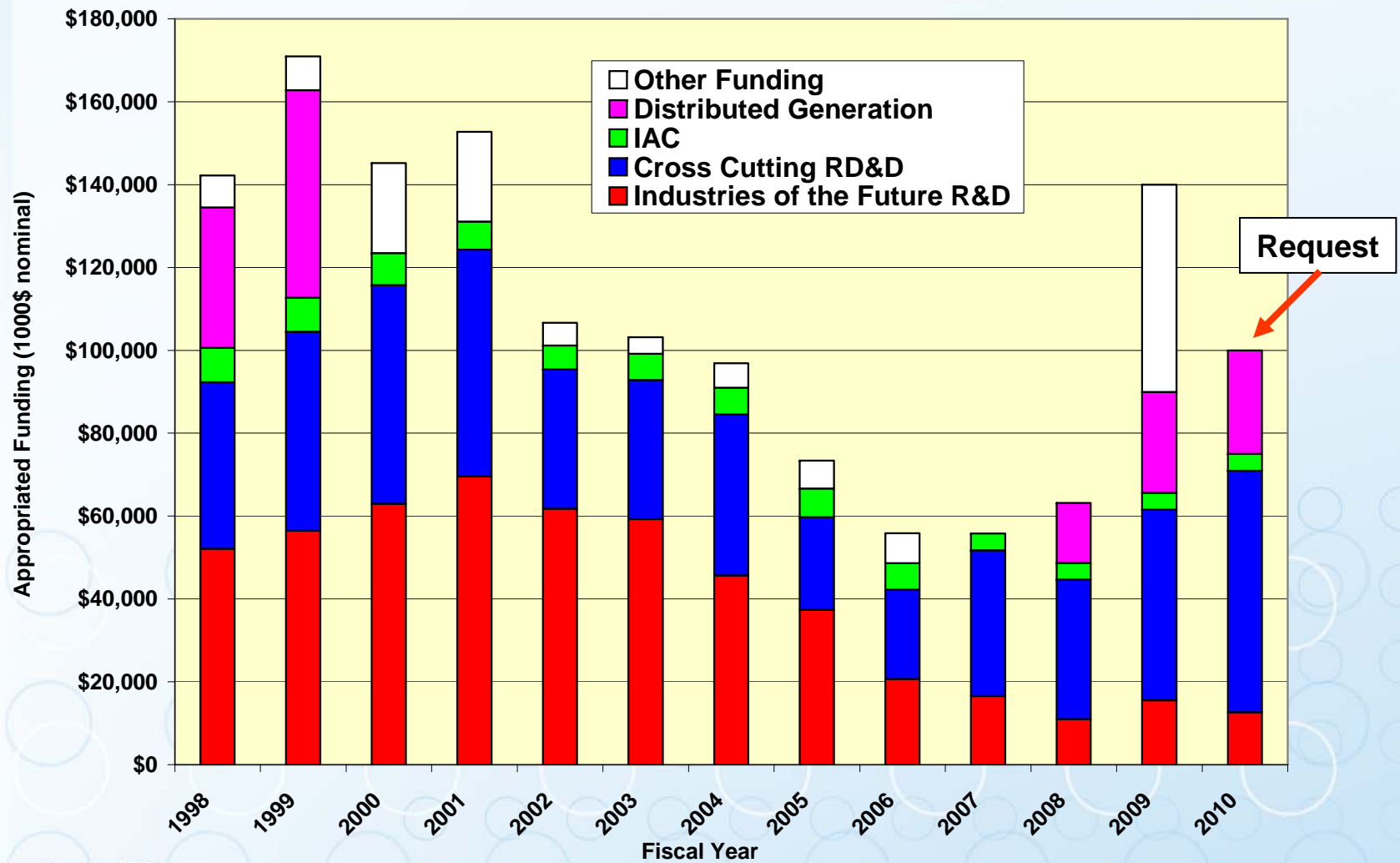


DOE—Industrial Technologies Program

- Industrial technology R&D
- Industrial Assessment Centers
- Cross-cutting technologies
 - Now includes distributed energy resources (DER)
 - Cross-Cutting R&D
- Deployment
 - *Superior Energy Performance*
 - Best Practices
 - *Save Energy Now*



Historical ITP funding



FY 2010 Appropriations

Hoped for:

- \$225m for ITP “core” (excludes DER)
- Full funding of EISA Sec. 451
 - \$200m for industrial waste heat
- \$800m for EISA Sec. 471
 - Institutional district energy grants

Request:

\$100m for all ITP - \$75m for “core” & \$25m for DG

Questions about what's happening in Washington?

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Upcoming Events and Resources

- ACEEE Industrial Summer Study:
 - Niagara Falls, NY
 - <http://aceee.org/conf/09ss/09ssindex.htm>
 - July 28-31, 2009
 - First in-person Network meeting during informal sessions:
 - Wed, July 29, 1:30-3:00pm
- Industrial programs report
- Self-direct program paper
- Emerging technologies work
- New ACEEE website being developed

Thank you

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