Software Tools RFI and SEE Action: AMO Technical Assistance Overview

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AMO Software Tools Background

- For decades, AMO has developed software tools to help plants identify energy savings opportunities
  - Assets include process heating, steam, motors,
  - AMO empowered companies to make informed decisions on their equipment and systems
  - Utilize these tools as part of various plant assessment protocols including, IACs and In-Plant trainings offered to BP
- Issue: Many of the Tools are Out-of-Date
  - AMO wants to expand the reach and impact of these tools
  - Seeking information from third parties on strategies to bolster the successful development, promotion, and market acceptance of key software tools

AMO Software Tools RFI Overview

- AMO is preparing a RFI on Tools
- RFI will solicit innovative strategies to:
  - Keep tools available for free/low cost use
  - Enhance/improve the technical capacity
  - Expand delivery platforms for key software tools
  - Creative opportunities for market development and growth
- Seek responses from entities, organizations, or teams
- Strategies must preserve the quality and integrity of the prior work and ensure continued priority for maintaining the tools
- Responses will determine if a solicitation is needed

RFI FY14 Plan and Timeline (Anticipated)

- Anticipated activities surrounding the software tools and expected timeline:

Activity	Date
Organize intellectual property rights statuses	3rd Quarter FY2014
RFI issued	3rd or 4th Quarter FY2014
Responses due	3rd or 4th Quarter FY2014
AMO reviews responses	4th Quarter FY2014
Release solicitation (if needed)	1st Quarter FY2015

RFI Outlook

- AMO understands value of software tools
  - Pivotal role in plant assessments and In-Plant Trainings
  - Many widely used by industrials

- Key software tools will continue to be available online until at least 2015 during this process
  - Be available for hosting In-Plant Trainings during this process
  - Recently updated of the Steam System Modeler Tool
  - Update of Process Heating System Modeler Tool in 4th Quarter
  - Transitioning to new AMO TA website

Key Software Tools in RFI

- Key energy system software tools believed to have significant energy savings and market potential, *specifically* included for discussion in RFI:
  - AIRMaster+
  - AIRMaster+Log Tool
  - Fan System Assessment Tool (FSAT)
  - MotorMaster+
  - Plant Energy Profiler (PEP)
  - Process Heating Modeler Tool (PHMT)*
  - Pumping System Assessment Tool (PSAT)
  - Steam System Modeler Tool (SSMT)

*Not yet completed

Other AMO System Asset Resources Outlook

- Tools Not on Key Tool List are being removed from the new AMO website.
  - Many are available from other sites
  - Links can be provided upon request
- Training Curriculum: Maintained “as is” until Tool future determined.
  - Training coordination services continue to be available (no longer cost-sharing training delivery)
  - Curriculum resources and instructors continue to be available
  - Online training resources continue to be available

Overview of SEE Action IEE/CHP Working Group

SEE Action IEE/CHP Working Group Overview

State and Local Energy Efficiency (SEE) Action Industrial Energy Efficiency & CHP (IEE/CHP) Working Group

- One of 8 SEE Action Working Groups
- Led by 2 Co-Chairs, 2 DOE staff leads, & 2 EPA staff leads
- ~21 Working Group Members
  - State Programs, Coordinating Organizations, Utilities, Research/Academia, Industry
- Goals:
  1. Achieve a 2.5% average annual reduction in industrial energy intensity through 2020
  2. Install 40 gigawatts (GW) of new, cost-effective CHP by 2020

IEE/CHP Working Group Accomplishments

- Unlike many of AMO's other activities, activities focus on engaging states, local governments, industry and utilities on policy and program issues
- Recent IEE/CHP Working Group activities:
  - Regional dialogues in 2013 that brought together IEE and CHP stakeholders to consider how to overcome barriers
  - In March 2013, published Guide to the Successful Implementation of State CHP Policies
  - In March 2014, published Industrial Energy Efficiency: Designing State Programs for the Industrial Sector

SEE Action | Get Involved

More information on the Working Group:
http://www1.eere.energy.gov/seeaction/combined_heat_power.html

Interested in joining the IEE/CHP Working Group?

- Stakeholders wanting to participate can become a Member

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