



Residential Appliance Breakout Session

Moving Specifications Forward

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Today's Agenda

- ▶ Review the Committee current specification work
 - Clothes washers
 - Pool pumps and controls
- ▶ Discuss pool pump next steps
- ▶ Discuss other opportunities and how they fit with our plans for the second half or 2010 and 2011

Appliance Committee Work

- ▶ Major area of focus: Clothes washers, dishwashers, refrigerators, and room air-conditioners
 - Make sure specifications stay current
- ▶ Exploration of new opportunities
 - Pool pumps
 - Clothes dryers

Clothes Washer Spec Revision

- ▶ March 9, 2010: Announced plans to revise our specification to Industry
- ▶ March & April: Developed draft residential and commercial specifications
- ▶ May 5, 2010: Brought draft to Industry for review
- ▶ May 26, 2010: Industry comments were due

Draft Clothes Washer Specs

Residential Specification

	Modified Energy Factor (MEF)	Water Factor (WF)
Tier 1	2.00	6.0
Tier 2	2.20	4.5
Tier 3	2.40	4.0
Advanced Tier	2.60	3.5

Commercial Specification

	Modified Energy Factor (MEF)	Water Factor (WF)
Tier 1	2.00	6.0
Tier 2	2.20	4.5
Tier 3	2.40	4.0

Draft Clothes Washer Specs

- ▶ Major Committee considerations:
 - Energy savings
 - Model availability / market share
 - Incremental price
 - Washing and rinse performance at higher tier levels
 - ENERGY STAR levels
- ▶ Any comments or questions on the draft specification?

Clothes Washer Spec Next Steps

- ▼ June 2010:
 - Committee review industry feedback
 - Decide on any necessary modifications
- ▼ June/July 2010: Respond to industry comments
- ▼ End of July: Bring proposal to CEE Board of Directors
- ▼ August 1, 2010: Announce new specifications, if approved
- ▼ January 1, 2011: Specifications become effective

Pool Pump Specification

- ▶ Identified the scope:
 - Pool pump-motor combinations
 - Pool controls
- ▶ Established savings opportunity
- ▶ Send introductory letter to pool pump industry
- ▶ Developed a draft specification
- ▶ Holding webinars to bring the Committee up to speed on the technology and market
- ▶ Re-visit the specification with increased Committee expertise

Pool Pump Webinars – 1

- ▶ Held Technology Webinar on April 1, 2010
- ▶ Experts: IPSSA, FPSIE, and Pentair
- ▶ Questions covered:
 - How do pools operate?
 - What role do pumps and motors play?
 - What are the key terms and metrics?
 - How do all these factors interact?
 - How are energy savings achieved?

Pool Pump Webinars – 2

- ▶ Next Webinar of Market & Program to be held in June
- ▶ Experts: SDG&E, SMUD and Pools by Ben
- ▶ Questions to cover:
 - Who are the key market players?
 - What are the biggest program/market barriers?
 - How are current programs structured?
 - How are programs marketed to different audiences?
 - What are the largest lessons learned to date?
 - What are other program influences?

Working with Pool Pump Industry

- ▶ The Industry has been very receptive to CEE's work on pool pump
- ▶ Responded to questions in our introductory letter
- ▶ Served as experts in Webinars and have offered their services to do more
- ▶ Looking for ways to partner moving forward
- ▶ Press coverage on their efforts with CEE/ Efficiency
 - Aqua Magazine – April 2010
 - The IPSSAN – May 2010
 - Pool & Spa News – May 27, 2010

Pool Pump Next Steps

▶ 2010:

- Hold Market & Program Webinar in June
- Revisit specification based on increased Committee expertise
- Finalize pool pump/control draft specification
- Develop a Swimming Pool Initiative
- Monitor ENERGY STAR and standards activities

▶ 2011:

- Bring specification and initiative to CEE Board of Directors in January
- Begin developing a qualified product list
- Plan to launch QPL and spec on July 1, 2011

Questions on Pool Pump Next Steps

- ▶ Are there any other important questions we need to have answered before we develop a draft pool pump specification to bring to industry?
- ▶ Are there any questions or concerns about the proposed process or timeline?

All Specification Work

- ▼ How does the current focus on clothes washer and pool pump specifications for the remainder of 2010 fit with your program plans?
- ▼ Are there other technologies/areas that you think should take priority?
 - Room AC Spec revision
 - Clothes Dryer exploration
 - Smart appliances
 - Others?
- ▼ If you support the current Committee plans, in what order would you like to tackle the new items?
- ▼ What other tools and resources do you need to help support your programs?

Contact

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