

BBA Plug and Process Loads (PPL) Project Team

December 6, 2012 Team Conference Call Meeting Notes

Team Conference Call

AGENDA

Introductions and overview

Updates from related programs

Specifications update

Updates on Plug and Process Loads Capacity Analysis project

Next steps

ATTENDEES

Paul Coraggio	ICF
Charles Davis	Hines
Bert Etheredge	ASHRAE
Pat Hagan	Wawa, Inc.
Pat Lydon	Legacy Health System
Elodie Michaels	CBRE, Inc.
Kinga Porst	U.S. General Services Administration (GSA)
Amanda Sahl	U.S. Department of Energy, Federal Energy Management Program (FEMP)
Carlos Santamaria	Glenborough, LLC
Richie Stever	University of Maryland Medical Center (UMMC)
Paul Torcellini	National Renewable Energy Laboratory (NREL)
Clayton Ulrich	Hines
Jason Koman	U.S. Department of Energy
Feitau Kung	National Renewable Energy Laboratory (NREL)
Luigi Gentile Polese	National Renewable Energy Laboratory (NREL)
Michael Sheppy	National Renewable Energy Laboratory (NREL)—Technical Lead
Jim Young	Navigant Consulting

Introductions and overview

All

New attendees introduced themselves, and Feitau Kung of NREL summarized the agenda. Kung announced FY13 staff changes in the BBA PPL project team: Michael Sheppy will be the Technical Lead this year, and Luigi Gentile Polese will also be providing technical support. Kung also announced the 2013 BBA Efficiency Forum date, set for May 29-30.

Updates from related programs

Michael Sheppy, Amanda Sahl

Sheppy provided an overview of recent ENERGY STAR program updates, including: (1) the Small Network Equipment Draft Specification and Final Draft Test method, (2) the Computer Specification and Test Method, both soliciting comments, and (3) the Displays Specification. Amanda Sahl of FEMP presented activities that she is supporting for the FEMP Commit to Efficiency Campaign, which includes a resource kit and accompanying web content that help make buying energy-efficient products easier. By taking the first step and signing the campaign pledge, participants join a community committed to saving energy and money in the Federal government. Sahl clarified that the FEMP Commit to Efficiency Campaign is open to non-

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Federal agencies as well, and that online material will be available in spring 2013 (see www.femp.energy.gov/commit for more information).

Sheppy provided highlights of preliminary results from a beverage refrigerator study for a big box retail store (with conventional business hours), showing energy savings of 20-25% per refrigerator. Responding to a question on whether the energy reduction strategy (a simple timer) had any impact on sales volumes or customers satisfaction, Sheppy noted that informal discussions with store management and sales associates did not indicate any noticeable differences. Results from the study are planned to be published in late 2013.

Specifications update

Jim Young

Jim Young of Navigant provided a brief update on the BBA Technology Specification packages, with four specifications being released: distribution transformers, commercial water heaters, laboratory fume hood, and gas heaters. Specification packages include a savings calculator, financial incentives, purchasing documents, and a list of manufacturers. Next steps include plans to monitor the performance of products meeting the specifications through field demonstrations. Young indicated that they are looking for additional participants, especially for the gas heaters field demonstration. Incentives to participate include receiving products at a deep discount or at cost, and retention of the product after the end of the monitoring period. Members interested in more information can contact Young.

Updates on Plug and Process Loads Capacity Analysis project

Michael Sheppy

Sheppy provided a brief overview of the FY13 PPL Capacity Analysis project and goals. The project is broken into two main parts: the first task includes scoping and planning, and the second task includes monitoring, analysis, and reporting. Several members and collaborators (Glenborough, GSA, Hines, Stanford, SmarteBuilding) provided commitments with a total of 22 buildings, and ongoing discussions with other members are underway for additional potential collaborations. Upcoming activities include preparation and guidance on the monitoring phase with volunteer members and collaborators. Sheppy indicated that there is still opportunity for additional collaboration on the project through feedback and support on desired frameworks for leasing language, or on desired contents of the final deliverables. Members interested in more details can contact Sheppy.

Open Discussion

All

Kung mentioned that the final deliverables of the PPL Capacity Analysis project include a final report, (which is targeted at a technical audience), and a simple brochure (which is targeted at facility managers, energy managers, and designers who interact with prospective occupants or real estate brokers). These deliverables will include steps for readers to estimate right-sized PPL densities for their spaces. Kung invited members to share high-level ideas on the type of information to include in the deliverables that would be most useful to them. Kinga Porst indicated that information on leasing language with square footage would be valuable for GSA. Additionally, Porst had a question on selection criteria for buildings and PPL metering. Sheppy provided guidelines on the recommended metering settings and on space type selection currently adopted at NREL. Sheppy invited members to contact him for any questions or for more information.

Next Steps

Michael Sheppy

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The next full project team teleconference is expected to be held in February or March 2013.

Action Items: Project team staff will continue to follow-up with members and collaborators, helping them plan out their metering efforts (which will start in February 2013).