



RESO 2015 Fall Conference – Featuring Day 1, “Home Energy Data Tuesday”

Mark your calendar for October 27, 2015 in Austin, Texas. The Real Estate Standards Organization (RESO) is a partner in the new [DOE Home Energy Information Accelerator](#). RESO invites other Accelerator partners and friends to attend their second annual PlugFest alongside their Fall Conference.

Attending organizations will get hands-on experience and the latest information about the benefits of “plugging in” to this technology standard. Efficiency organizations will be invited to participate in a number of ways.

You are invited to join Day 1 of the RESO conference which will feature DOE Home Energy Information Accelerator working group meetings in the morning, PlugFest or business track meetings in the afternoon, and an evening networking event. Or, you can extend your participation and join the full three-day conference. Partners who cannot join PlugFest in person can still contribute by providing anonymized data or tools for onsite teams to explore. See the **PlugFest Participation Tips** below.

The discounted registration fee for DOE Accelerator partners and other efficiency advocates is \$125 for Day 1, or \$250 for the full conference. Agenda, registration fees, and discount codes are below. Early bird registration discount closes August 31, 2015. No efficiency partner registrations will be accepted after October 9, 2015.

This brochure includes:

- **“Home Energy Data Tuesday”/ Agenda Overview**
- **Full Conference Overview**
- **Registration Information and Rates**
- **PlugFest Participation Tips**

“Home Energy Data Tuesday”/October 27, 2015 Agenda Overview

8:30 a.m. to 11:45 a.m.

Optional DOE Home Energy Information Accelerator Working Group Meetings

8:00 a.m. to 8:30 a.m. – Refreshments and networking

8:30 a.m. to 9:15 a.m. – Information Exchange Models Working Group Meeting

The goal of this working group is to fast-track concepts and clarify common definitions, data sets, and transfer methods for applying home energy information to real estate use cases. It will feature report-outs based on work guided with technical assistance from Lawrence Berkeley National Labs on the mapping and use cases for the RESO Data

Dictionary to Building Energy Data Exchange Specification (BEDES, pronounced "beads") overlay.

9:15 a.m. to 10:00 a.m. – Data Access and Security Working Group Meeting

The goal of this working group is to identify barriers and seek joint solutions related to permissions and legal issues in sharing home energy information and best practices in keeping data secure. This working group is based on thought leadership from the smart meter industry, Green Button standard, existing home energy information exchange projects, and others, with involvement of the National Association of REALTORS Center for REALTOR Technology.

**10:15 a.m. to 10:45 a.m. – Everything You Need to Know about RESO*
(*Abridged – in 30 minutes or less!)**

Agenda: General orientation on RESO, PlugFest, and the MLS Industry, led by Jeremy Crawford, RESO Executive Director.

10:45 a.m. to 11:30 a.m. – Joint Meeting with RESO Data Dictionary Working Group

The Home Energy Information Accelerator is already accelerating action to address barriers that separate home and energy information. One quick win involves collaborating on RESO Data Dictionary fields that correspond to key efficiency data such as utility usage information and to represent renewable energy features. Join this joint session with members of RESO's Data Dictionary Working Group to begin the process of introducing new standard field definitions with the goal of approving them in Data Dictionary v1.5 expected in June 2015.

11:30 a.m. to Noon – PlugFest set up

**Noon to 3:00 p.m. (lunch provided)
Tech Track: RESO PlugFest**

DOE Accelerator partners will have several options to participate in this year's PlugFest:

- Contribute a set of anonymized data for PlugFest participating teams to explore.
- Send observers to take in the organized chaos of this popular, innovative, and creative event.
- Send participants to explore how your data or tools can be implemented by MLS's or their vendors and how it may help pave the way for future innovations to promote energy efficiency through the use of real estate data.
- Due to the logistics required, by October 9, 2015, participants for PlugFest MUST either:
 - Register through the [RESO Fall Conference website](#) OR
 - RSVP to HEIAccelerator@elevateenergy.org to sign up for the send data/tools option and receive instructions and guidelines

For more, see the full **PlugFest Participation Tips** below.

Contact HEIAccelerator@elevateenergy.org for further questions or to map out your participation in the PlugFest.

Business Track: RESO Business Track Session

Join RESO members for an orientation to RESO and topics for business executives. See [RESO Fall Conference website](#) for more details.

3:15 p.m. to 7:00 p.m. Networking Event

Get to know other RESO members at a free event, sponsored by RESO and DynaConnections. Includes transportation, Top Golf, hors d'oeuvres, and networking. More details on the [RESO website](#).

Full Conference Overview: October 27 to 29, 2015

Remember that you are also invited to attend the full RESO Fall Conference, including PlugFest. Sessions are specifically designed for both "Greeks" and "Geeks" covering business executive topics and technologist topics. The Fall Conference will be a great networking opportunity between efficiency partners and the real estate industry experts with representatives covering startups to the largest residential real estate vendors in the nation as well as the MLS's and associations of Realtors collectively serving more than 500,000 brokers and agents nationwide. [Learn more on the RESO website](#).

Registration Information and Rates

Be sure to use discount codes when you [register](#) on the RESO website.

The Day 1 Only code is HOMEENERGYDATATUESDAY, at a \$125 rate. The full conference code is RESO2015HomeEnergyData, at \$50 off the non-member registration rate. Register by August 31, 2015 to receive early bird pricing.

	RESO Member	Non-Member
Early Bird (Before August 31, 2015)	\$200	\$300
Regular (September 1 to October 9, 2015)	\$250	\$350
Late* (After October 10, 2015 or Onsite)	\$350	\$500

**Efficiency partners registering after the October 9 deadline will be able to observe but not participate in PlugFest.*

PlugFest Participation Tips

What is a PlugFest?

A PlugFest is an event where software developers gather to push the innovation envelope by 1) testing the interoperability of their products, designs, or concepts with others and 2) meeting and collaborating to solve common technological issues facing their particular community or industry. Basically, it's a collaborative, open, and friendly environment devoted to facilitating conversations, both digitally and face-to-face.

The PlugFest will include ongoing quick presentations intermixed with periods of coding, testing, and discussion, with a focus on interoperability.

See the PlugFest online [brochure here](#) for more details including:

- A list of standards available for participants to test
- A list of RESO support available onsite to provide necessary assistance with configuration and running interoperability tests (list will be updated as support resources are confirmed)
- A list of participating RETS server vendors (list will be updated as participants are confirmed)

What can I expect?

Be ready to quickly introduce your data or tool and learn about the other resources in the room. Teams will then form and idea-generation and exploration begins. Teams will use the support, participant, and vendor tables for resources to advance their mockup or prototype. The session will wrap up with final presentations to share the innovations and outcomes. Prizes will be awarded for top innovations.

How can I participate?

PlugFest is an open sandbox to explore for three hours. There are three ways to participate in any combination:

1. Contribute a set of anonymized data for PlugFest participating teams to explore.

There are several ways that organizations in the past have made their data available, such as:

- Internet connections will be available onsite so prepare an access point to your data that's web-available. This might be a postcard printed with a URL address which hosts an anonymized data set, or you might set up login credentials to your test site or a security key for other PlugFest participants to use.
- Bring data to share on a thumb drive. At a minimum, these files should be comma delineated format.
- Bring some conceptual art as a starting point.

Organizing your data:

- Teams tend to use property addresses, zip codes, or perhaps a property identification number to match up different data sets.
- While your data does not need to be organized in RESO-compliant format, it certainly helps! [Download v1.4 of the RESO Data Dictionary](#) to get organized. Or email HEIAccelerator@elevateenergy.org for information on a mapping

of RESO Data Dictionary v1.4 to the Building Energy Data Exchange Specification v1.1.

If you can't join us in person at PlugFest but still wish to contribute data or tools please RSVP by October 9, 2015 to HEIAccelerator@elevateenergy.org to receive instructions and guidelines.

2. **Send observers to take in the organized chaos of this popular, innovative, and creative event.**
3. **Send participants to explore how your data can be implemented by MLS's or their vendors.** Come prepared to present your concept, tools, or data. Participants will be provided with a table.

Registration by October 9, 2015 is **required** whether you are observing OR participating onsite. Any efficiency partners registering for PlugFest after October 9, 2015 may observe only or join ad hoc teams as available.

Contact HEIAccelerator@elevateenergy.org for further questions or to map out your participation in the PlugFest.

What are the benefits?

Participating in the PlugFest allows you to:

- Ensure your organization is making the most out of RETS by testing your product interoperability with other RETS providers.
- Field questions and obtain answers from other RESO participants. Get support from experienced developers to improve your implementation of RESO standards.
- Provide feedback and discuss features needed in future versions.
- Collaborate with the community to find ways to be more efficient, more productive, and more innovative. A bonus: You'll develop personal relationships with some of the leading developers and open source project experts in our industry!