



AUGUST 21-23, 2018 • CLEVELAND, OHIO

Better Buildings Data Center Partner Roundtable

August 22, 2018

8:30 – 10:00 AM



Agenda

I.	Greetings from Maria Vargas	8:30 – 8:40 am
II.	Partner Introductions	8:40 – 9:00 am
III.	Open Discussion	9:00 – 10:00 am

The goal of this session is for Better Buildings partners to participate in peer-to-peer exchange of information, best practices, and common barriers on improving energy efficiency in data centers.

Greetings from Maria Vargas

Partner Introductions

Partner Introductions

- Name
- Organization
- Job Title and Description
- A session you've attended yesterday and learned something from
- A topic you think would be beneficial to discuss with the group (including commenting on those already listed - to help prioritize)

Open Discussion

Open Discussion Topics

- Warm Liquid Cooling
- Workforce Development
- The “Edge” (small data centers close to the end user yet integrated with larger central facilities)
- DOE/Better Buildings Expanded Initiatives
- Other Topics

Warm Liquid Cooling

- What is holding back wider adoption of warm liquid cooling in data centers?
- When do you anticipate seeing a tipping point?
- Will an open specification to encourage a multi-vendor solution help?
- How can liquid cooling be deployed in a co-lo environment?
- How can reuse of waste heat be encouraged?

Workforce Development

- What are your workforce development needs relative to energy efficiency in data centers?
- How well has the DCEP program addressed those needs? What could be improved?
- Besides DCEP, are there other activities we (as the data center community) could promote to assure a current and future workforce is capable of optimizing energy performance?

The “Edge”

- Do you see the “Edge” coming, and if so, how do you define it?
- What will be the impact of edge data centers on energy efficiency? Will they be any more energy efficient than existing small data centers?

DOE/Better Buildings Expanded Initiatives

- In the past year BB partners have been asked about water efficiency and increasing their savings targets; what other activities should we pursue?
- How can DOE and BB partners collectively help each other and the rest of the industry?
- What else should DOE be doing, what tools and resources are missing?

Other Suggested Topics