

GETTING TO **zero**

NATIONAL FORUM 2018

PITTSBURGH, PA
WYNDHAM GRAND PITTSBURGH

APRIL 17-19, 2018

GETTINGTOZEROFORUM.ORG

Zeroing in on Districts and Scale on ZE Projects **Tuesday, April 17, 2018 – 8:30 to 11:45 a.m.** **Wyndham Grand, Pittsburgh, PA**

Zero energy (ZE) districts are growing in numbers and offer an effective pathway for rapidly scaling zero energy projects. District planning can uniquely harness building energy efficiency, thermal systems, energy storage and renewable energy generation more effectively than a building-by-building approach. However, districts bring challenges, including heightened needs related site-wide planning, integration, contracting, financing, and siting renewables in dense environments. This workshop will spotlight innovative projects that leverage the value of a larger development to drive more effective and holistic solutions. Participants will learn from real project teams engaged in the Department of Energy's Zero Energy Districts Accelerator, engage with a series of district energy professionals, and break into small groups to address district case problems that represent real-world issues and may enable future district projects to meet their energy and carbon goals cost-effectively.

Learning Objectives:

1. Gain awareness of the organizations already working to build and implement district scale solutions.
2. Understand how district-scale approaches can be used to pursue goals on the path to zero energy.
3. Understand some of the primary obstacles to district approaches.
4. Understand the solutions that existing district projects have used to address those obstacles and additional solutions that have been developed as part of their lessons learned.

Agenda:

8:30 – 8:50 am Welcome and Introduction

An introduction to the district approach, including an introduction to EcoDistricts and the DOE Accelerator.

8:50 – 9:45 am DOE Districts Accelerator

- Participants in DOE's District Accelerator will each give a progress update
- One Accelerator District will give a deeper dive on their project
- Q&A

9:45 – 10:25 am Districts Deep Dive

Two presentations taking a deeper dive other district projects:

- Zero net energy (ZNE) buildings and carbon (CO₂) neutral campuses are becoming more prevalent. We will look at how a variety of institutions are achieving these goals. What strategies are these institutions employing and how are their aspirations realized through politics, policies and financial barriers? We will discuss data on national trends and real life case-studies to offer first-hand experience in the pursuit of ZNE buildings and CO₂ neutral campuses, plus predict what's next.

- Dockside Green established a benchmark for what sustainable communities could achieve. 15 years on, how are the lessons from these projects contributing to future communities? This session will profile experiences of developers and design consultants at the leading edge of constructing low carbon communities and how lessons are applied today.

10:25 – 10:35 am Break

10:35 – 11:35 am Case problem charrette

We'll divide into small groups to tackle some real-world problems that might face districts and bring our solutions back to share with the group

11:35 Closing Remarks

11:45 Adjourn