

Enabling DOE Regional Energy-Water Technology Pilots

Information-gathering meeting



Meeting goals: Learn from stakeholders about previous DOE demonstration projects

All speakers to discuss:

- Project parameters: funding amount, cost share, TRL (start and end), & timeline
- Project criteria & objectives
- Partners/collaborators: how and why did these partners & collaborators work?
- Lessons learned: successes & failure, additional needed guidance

Connecting Information: <https://nasem.zoom.us/j/97861403024>

June 18th, 2025

2:00 pm

Welcome and orientation

- Welcome and introductions

Kathy Jacobs, Committee Chair

2:15 pm

SESSION 1: Existing DOE Water-Energy Nexus Demonstration Projects

- National Alliance for Water Innovation (NAWI) hub
 - Megan Mauter, Research Director
- Produced Water Optimization Initiative (PARETO)
 - Dr. Markus Drouven, Technical Director
- Advanced Water Resource Recovery R&D Emerging Technology Pilot Project
 - Michelle Young, Carollo Engineering Lead

3:30 pm

SESSION 2: Existing DOE Regional, Multidisciplinary R&D Centers

- Urban Integrated Field Laboratories - Baltimore Social-Environmental Collaborative
 - Ben Zaitchik, Institutional PI
- Smart Grid Regional Demonstration Program – Pacific Northwest
 - Ron Melton, Project Director
- Regional Direct Air Capture Hubs/Hydrogen Hubs - ARCH2 project
 - Shawn Bennett, Energy and Resilience Division Manager at Battelle

5:00 pm

Adjourn