

Powering Partnerships Meeting (Optional Co-Located Event with ADMS Test Bed Workshop)

October 13, 2026

Room: NLR RSF

The goal of this meeting is to broaden the attendees understanding of the breadth of research at NLR that is interesting to the energy sector for planning, investing, building, and operating future energy systems, especially related to large load integration.

12:30 p.m.	Arrive at National Laboratory of the Rockies (NLR) - South Table Mountain Campus 15013 Denver West Parkway, Golden, CO 80401 Walk to RSF
1:00 p.m.	Welcome & Introductions NLR Overview
1:20 p.m.	Validating Hardware Integration for Data Center Management Explore NLR's capabilities and work with industry to test equipment for grid-friendly data centers
1:50 p.m.	Testing Large Load Equipment: Agora Test Bed Understand NLR's large-load test bed, a first-of-its-kind national capability designed to help data centers become active participants in grid reliability
2:20 p.m.	Hardware Development for Solid State Transformers (SST) Enable direct grid integration, handle surging electrical demands and modernize outdated infrastructure with SST technology
2:40 p.m.	Break
3:00 p.m.	Data Center Power Systems Learn about solutions to grid disturbances and load fluctuations
3:20 p.m.	Hardware Testing Grid Forming Inverters Gain insight into grid-forming controls for distributed inverters to enable reliable control of low-inertia power systems with large numbers of inverter-based resources
3:40 p.m.	Distribution Planning and Capacity Expansion Considerations Discover novel tools for capacity expansion and grid resilience for automating interconnection, conducting hosting capacity, and long-term capacity expansion investment planning
4:00 p.m.	Panel - Grid Challenges and Solutions Landscapes Discuss the solutions across the industry and how NLR is supporting large load investments
5:00 p.m.	Adjourn
6:00 p.m.	No Host Dinner – TBD