

**Los Alamos Resiliency, Energy, and Sustainability Task Force:
Electricity Supply & Demand Management Subcommittee
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Electricity Supply & Demand Management Committee – Scope of Work

The Electricity Resource Management committee will address topics related to decarbonizing electricity generation and adopting carbon-free electrification. Our Scope of Work will include but may not be limited to:

Generation and Optimization

- Utility Scale / DPU
 - How to ensure (and accelerate?) DPU goal of carbon free electricity by 2040
- Distributed Energy Resources (PV Solar)
 - Commercial
 - Residential
- Community Solar

Intermittency Solutions

- Storage
 - Batteries
 - Pumped Hydro
 - Gravitational Storage
 - Electric Vehicle Surplus Capacity
- Demand Response & Management
 - Electrification / Virtual Power Plant
 - Charging Infrastructure
 - Rate Variation
 - Net Metering
- Firm / Peaker Power

Energy Coordination Agreement with LANL

- Impact of ECA on Demand Response, Storage, etc.

Conservation

- Street Lights
- Building Code Input

Transmission

- Consider the role Transmission plays to manage variability of local generation
- Regional Partnerships & Leveraging Opportunities
- Advocacy for Innovative Solutions (i.e. HVDC)