



Transactive Energy Challenge Kickoff Workshop: General MicroGrids

- **Area of Interest:** Role of “Smart Microgrids” in supporting transactive energy
- **Functionality / Capabilities:** Advanced Microgrid “Intelligent Energy Management;” “systems” control and communication architecture, dynamic modelling and simulation, “system of systems” methods/tools;
- **Proposed Scenario:** Model, design and demonstrate a smart microgrid/networked microgrids prototype to assess potential for higher energy value transactions
- **Impacts/Why:** Evaluate contribution of Smart Energy Networks (vs individual/aggregated technologies) to TE and appropriate regulatory support
- **Partners Needed:** Upstream (Utility) and downstream (Local Government) partners, Intelligent control and communications expertise