



Transactive Energy Challenge Kickoff Workshop: ABB Inc.

- **Area of Interest:** Market-based Transactive Exchanges, Control of Distributed Energy Resources, Local Grid Management, and Coordination between Centralized and Distributed Resources
- **Functionality / Capabilities:** Software systems for Centralized Markets, Distributed Energy Resource Management, and Advanced Distribution Systems Management. Distributed Energy Resources including Solar PV, Wind, Demand Response, Energy Storage, EV Charging Infrastructure, Microgrids, and Distributed Var Control.
- **Proposed Scenario:** Evaluate viable possibilities of TE through use cases, problem definition, and high-level functional architecture.
- **Impacts/Why:** Demonstrate economic and operational viability of TE across Centralized Generation, Transmission, Distribution, and Grid Edge Distributed Resources.
- **Partners Needed:** Potential partners for pilot projects to support the proposed scenarios.