

Supervisory Parameter Adjustment for Distribution Energy Storage (SPADES)

Year 1 Project Partner Workshop

Dec. 2, 2020

10:00am PST - 12:30pm PST (held virtually)

Zoom details: <https://lbl.zoom.us/j/99859218516>

Agenda

10:00 - 10:10: Project & Year 1 Overview (Dan Arnold - dbarnold@lbl.gov)

10:10 - 10:35: Storage and Control Module Architecture in PyCIGAR (Michael Sankur - msankur@lbl.gov & Sy-Toan Ngo - SyToanNgo@lbl.gov)

10:35 - 11:00: Grid Forming/following & Active Load Stability Simulation (Ciaran Roberts - cmroberts@lbl.gov)

11:00 - 11:25: Open Modeling Framework (OMF) Updates. Use Case Analysis, Network Reduction (David Pinney - david.pinney@nreca.coop & Lisa Slaughter - lisa.m.slaughter@gmail.com)

11:25 - 11:30: BREAK

11:30 - 11:55: Red Team Planning/Methodology (Bruno Leao - bruno.leao@siemens.com)

11:55 - 12:20: Log(V) 3LPF: A linearized solution to train reinforcement learning algorithms for unbalanced distribution systems (Ignacio Losada Carreno - ilosadac@asu.edu)

12:20 - 12:30: Concluding Remarks and Y2 Outlook (Dan Arnold - dbarnold@lbl.gov)