

Cybersecurity via Inverter-Grid Automatic Reconfiguration (CIGAR)

End of Project Workshop

Mar. 17, 2021

10:00am PST - 1:00pm PST (held virtually)

Zoom details: <https://lbnl.zoom.us/j/94595722321>

Agenda

- 10:00 - 10:30:** Opening Remarks & Project Overview (Sean Pesiert and Daniel Arnold)
- 10:30 - 10:50:** Reinforcement Learning & PyCIGAR Architecture - Sy-Toan Ngo and Daniel Arnold
- 10:50 - 11:15:** Simulation Experiments / Results - Ciaran Roberts
- 11:15 - 11:25:** (Break)
- 11:25 - 11:50:** Integration of PyCIGAR into NRECA OMF & Demo
- 11:50 - 12:15:** ASU linearized power flow model and SODA
- 12:15 - 12:35:** Siemens: internal tech transfer tool, GCN + RL extensions
- 12:35 - 13:00:** Key Findings and Future Research Directions - Daniel Arnold