

Microgrids SIG

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Development of open source software components for Microgrids to solve for network resilience, power quality, efficiency, stability, reliability and investment optimization when connecting Renewable Energy Sources (RESs) / Distributed Energy Generation (DER).

Currently, we are reviewing software multiple open source microgrids for use cases and interoperability. The intention is to chart a plan for 2021. Please join us.

The group is meeting bi-weekly at 4:00p PT. Please check the [calendar](#) for meeting information.

Meeting Minutes

- [12 June 2020](#)
- [19 June 2020](#)

MG Architecture Sprint

- 28 January 2021: Presented by Bruce Nordman, LBNL
 - [Recording](#)
 - [Deck](#)
 - [Minutes](#)
- 11 February 2021: Presented by Jorge Elizondo, Heila Technologies
 - [Recording](#)
 - [Deck](#)
 - [Minutes](#)
- 18 February 2021: Presented by Kotaro Jinushi, Sony CSL
 - [Recording](#)
 - [Deck](#)
 - [Minutes](#)
- 25 February 2021: Presented by Bruce Nordman, LBNL
 - [Recording](#)
 - [Deck](#)
 - [Bruce's architecture document](#)
- 11 March 2021: Presented by Shuli Goodman, LFEnergy
 - [Recording](#)
 - [Deck](#)
 - [LF Energy Architecture Taxonomy Spreadsheet](#)
- 25 March 2021 - Joint session
 - [Recording](#)
- 8 April Meeting - Joint session with Haikus
 - [Recording](#)
- 22 April Meeting - Joint session - microgrid to utility grid interface, OpenADR, Green Button Alliance perspective, process
 - [Recording](#) - note there are two recordings - most content is in 2nd (click forward icon bottom left)
- 6 May Meeting - Scope: single utility "customer" microgrids, Design principle: Network Power Integration
 - [Recording](#)
 - [Deck \(Shuli\)](#)
 - [Deck \(Kotaro\)](#)
 - [Bruce Nordman notes](#)
- 17 June Meeting - Review of [Hyphae](#) discussions with [GXF](#) and [OpenLEADR](#), discussion of SIG direction and possible decoupling of SIG from Hyphae project
 - [Recording](#)
 - [Why Local Solar For All Costs Less: A New Roadmap for the Lowest Cost Grid](#) - article to review to help select high-level SIG goals
 - [Rooftop solar and home batteries make a clean grid vastly more affordable](#) - another article that summarizes the above for SIG goals
- 1 July Meeting - Discussion of distributed energy strategy and future objectives
 - [Recording](#)
 - NOTE: At this meeting we decided to take a break and resume August 26