

LF Energy Virtual Power Plant/Neighborhood Microgrid Working Group

12 June 2020

Attendees

Teff Reed, Daniel Lazaro, Jefro Osier-Mixon, Greg Thomson, Shuli Goodman, Sven ?, Deidre Yiu, Scott from Pecan Street, Gianluca Dianese, Gabor Karsai

Agenda

- 1. TAC Prep**
- 2. VPP/NMG Architecture Diagram**
- 3. DOE FOA for Connected Communities**

Minutes

1. TAC Prep
 - a. Teff shared the agenda for the [July 8 Technical Architecture Workshop](#). VPP/NMG is a breakout topic. Greg T. will lead the subcommittee to prepare the use case discussions. We briefly discussed the [EPRI microgrid use cases found here](#) as a potential list for Greg.
 - b. The July 8 TAC workshop is part of the LF Energy Wiki Site. Our use cases will eventually appear here as well. LF Energy adopted IEC 62559 as the use case template.
2. VPP/NMG Architecture Diagram
 - a. Teff reported that the small group developing this diagram agreed to adopt the Microgrid Control System Functional Framework in Figure 1 of IEEE 2030.7 shown below.

- a. Greg T: request members of subcommittee to prepare use cases for July 8.
- b. Ken: Ask IEEE regarding shared version of 2030.7.
- c. All: discuss BTO FOA with utility partners.