

EGSA Spring Conference Government Relations Committee Meeting Minutes for March 19, 2018

Location: Hyatt Regency Tamaya Resort and Spa, Bernalillo, NM

In-Person attendees: Sign-In sheet attached for in-person attendees

Attendees by telephone: Tom Bozada (Tactical Microgrid Standards Consortium), Cory Goetz (Technical Management Division Chief for PM-E2S2)

Presenter contact information: Tom Bozada (Thomas.A.Bozada@usace.army.mil), Cory Goetz (Cory.R.Goetz.civ@mail.mil)

Meeting began at about 1:20 PM local time

The committee chair, Mr. Mazen Badr, gave opening remarks recommending to newcomers that they seek out the experienced companies to ask specifically about doing business with the government.

Cory Goetz began his presentation (slides attached). Highlights:

- Government re-evaluating how they calculate return on investment with regard to microgrid or smart systems. They are no longer simply basing ROI on fuel savings, but showing the need for the additional capabilities that these new systems will bring including things like overall system reliability, silent-watch, and peak shaving.
- He explained who PM – E2S2 is (Project Manager – Expeditionary Energy and Sustainment Systems) and described the product portfolio.
- He discussed a new requirement – Command Post Directed Requirement
 - The Command Post (CP) Directed Requirement (DR) includes a requirement for a microgrid that utilizes Intelligent Power Generators and Intelligent Power Distribution
 - There is a big push on this right now, meaning that the AMMPS microgrid will be what is initially provided and this is to occur by June 2018.
 - First Unit Equipped (FUE) is September 2020
- Discussed Other Transactional Authority (OTA) contracting vehicles and that these will be used more frequently than Programs of Record in the future.
- AMMPS currently being purchased through DLA as a bridge until a sole-source contract is placed with Cummins. The government is not going to compete the next buy of AMMPS.

Tom Bozada began his presentation (slides attached). Highlights:

- Tactical Microgrid Standard (TMS) should be finished soon.
- Shifting to more than just “microgrids” into Advanced Power Systems and the Universal Power Architecture
- Demonstrations are occurring with generator sets that meet the TMS requirements.
- If interested in additional information regarding the TMS and where your company can fit in, email Tom.

The call with the government was ended and introductions were made for all attendees present at that time. Another exposition for military power generation was mentioned: National Defense Industrial Association (NDIA) Joint Service Power Expo will be held this coming June in Denver.

The meeting then transitioned into the Microgrid subcommittee.

EGSA Spring Conference Government Relations Committee Microgrid Subcommittee Meeting Minutes for March 19, 2018

Location: Hyatt Regency Tamaya Resort and Spa, Bernalillo, NM

In-Person attendees: Sign-In sheet attached for in-person attendees

Presenter contact information: Mike Murray from Ageto (pronounced like Cheetos)
(mlm@agetoenergy.com)

Meeting began at about 3:00 PM local time

The subcommittee creator, Mr. David Stringer, gave opening remarks including that the markets were changing and now using generator sets in a different capacity than in the past – generator sets are now being integrated more and more with microgrids and renewables. David mentioned that there is a great energy in the marketplace that was witnessed first-hand at the Solar Power International show last year. This show is to be held this year in Anaheim in the fall, the same week as the EGSA Fall Conference.

An open discussion was briefly held in which there was a friendly argument over the definition of a microgrid. It was mentioned that EGSA needs to expand beyond rotating power generation and begin to include inverters/renewables/fuel cells/energy storage into its offering. There was also a comment that the EGSA Government Relations Committee should play a pivotal role in EGSA disaster response planning that was discussed in the main session that morning.

Mike Murray began his presentation (slides attached). Highlights:

- Comment that EGSA should bring in representatives of inverter/solar/battery companies to speak or have discussions at an EGSA conference
- Showed a case study of a small off-grid community in New Mexico that had previously utilized a stand-alone diesel generator set for all of its electricity needs for the last 20 years, but was now integrating solar power in with the generator sets.

There was an around the room discussion with each individual present presenting his/her thoughts as to whether the microgrid subcommittee was a legitimate committee or not => there was unanimous agreement that there should be a separate EGSA microgrid committee.

Next steps are that the EGSA process for creating a committee must be followed. A mission/vision statement must be created for this committee. A better name for the committee must be found. "Green Energy Integration" committee?

Meeting was adjourned at 4:45 PM local time.