**via posting**

**TO:** Interested Industry Parties

**FROM:** Caroline Trum, NAESB Deputy Director

**RE:** Final Minutes from October 19, 2021 WEQ BPS Meeting

**DATE:** October 22, 2021

**WHOLESALE ELECTRIC QUADRANT**

**Business Practices Subcommittee Meeting**

**Conference Call**

**October 19, 2021 – 9:00 AM to 12:00 PM Central**

**FINAL MINUTES**

1. **Welcome**

Mr. Phillips welcomed the participants to the meeting. Ms. Trum provided the antitrust and meeting policies reminder. The participants introduced themselves. Mr. Phillips reviewed the agenda. The agenda was adopted by consensus.

The participants reviewed the draft minutes from the September 15, 2021 meeting. One modification was made for accuracy. The participants reviewed the draft minutes from the September 22, 2021 meeting. No changes were offered. Mr. Wood moved, seconded by Mr. Pearson, to adopt both sets of draft minutes as final. The motion passed a simple majority vote without opposition.

The final meeting minutes from the September 15, 2021 meeting are available at the following link: <https://www.naesb.org/pdf4/weq_bps091521fm.docx>

The final meeting minutes from the September 22, 2021 meeting are available at the following link: <https://www.naesb.org/pdf4/weq_bps092221fm.docx>

1. **Continue to Discuss 2021 WEQ Annual Plan Item 7 – Develop and/or modify standards for information and reporting requirements to support battery storage/energy storage and, more broadly, distributed energy resources in front and behind the meter**

Mr. Phillips stated that during the September 15 meeting, the participants had continued to work on the development of a use case that identifies potential data elements to support the registration of distributed energy resource aggregations and individual resources comprising the aggregations. He indicated that as part of this meeting, the participants had discussed adding additional context to the work paper to assist in review by individuals that may not have been participating in the meetings and seek informal industry feedback. The participants reviewed the work paper containing the use case.

Mr. Pearson suggested adding language to indicate that the listing of data elements is not meant to be exhaustive and that ISOs or RTOs may require fewer or additional data elements. Mr. Fleishman agreed but noted that any business practices of an ISO or RTO would be subject to FERC approval. Mr. Phillips stated that several of the WEQ Business Practice Standards include language to indicate that there may be other governing documents that an entity is subject to. Mr. Wood stated that “Governing Documents” is a defined term in WEQ-000.

Mr. Rahimi asked if the intent of the use case is to identify all information that may be relevant from all entities in the registration of a distributed energy resource aggregation or resource comprising the aggregation. Mr. Wood indicated that “Entity” is a defined term in WEQ-000 and broadly encompasses a range of electric participants. Mr. Rahimi asked if the use case was specifically meant to be inclusive of data that might be needed by a distribution utility in the registration process or if the use case was tailored specifically to data needed by ISOs/RTOs. Mr. Wood noted that while FERC Order Nos. 841 and 2222 were specific to participants in organized wholesale electric markets, drafting of the standards should be inclusive of any entity’s perspective that can gain consensus support. Mr. Phillips agreed. The participants added language to indicate that other entities may have differing data requirements.

Mr. Phillips asked if the use case should be updated to include which party may be providing the information described by the data elements before asking for informal comments. Mr. Rahimi suggested that the goal of the informal comments should be to seek feedback on if the identified data elements are sufficient or if there are additional data elements that should be included. He stated that identifying the interactions between the perspective entities be done as part of the drafting of potential standards language.

Mr. Phillips noted that in reviewing the work paper for the meeting, SPP had identified a few additional data elements that may be relevant, including operational contact, planning contact, and an indicator for ownership/if the resource is jointly owned. There was general agreement to add these data elements.

Mr. Rahimi asked if there is a need to expand the use case to include specific classes of distributed energy resource aggregations, indicating that there may be different requirements applicable to some resource types, such as demand response. He noted that CAISO has defined a demand response specific class of distributed energy resource aggregation that is separate from other heterogenous distributed energy resource aggregations. The participants expanded upon the information included under the distributed energy resource aggregation type to include the type of resources comprising a heterogeneous aggregation and the number of resources in an aggregation as well as added a data element to represent the aggregation profile.

Mr. Fleishman asked if the data elements identified as part of the registration of individual resources is meant to address only resources comprising an aggregation or also stand-alone energy storage resources. Mr. Phillips responded that the data elements were identified specifically to address resources that comprise an aggregation. He asked if there is overlap between the relevant information that may be needed to register a stand-alone energy storage resource and a storage resource that is part of a distributed energy resource aggregation. Mr. Fleishman noted that the annual plan item also encompasses standards that address energy storage as a standalone resource and that while that there could be overlap between relevant pieces of information, it may be more beneficial to have a separate use case that specifically addresses information requirements for the registration of energy storage as a standalone resource. He noted that Mr. Gladd had previously submitted a [work paper](https://naesb.org/pdf4/weq_bps042021w3.docx) identifying information requirements for storage resources.

The discussed the data elements included as part of the registration of individual resources comprising an aggregation. Mr. Phillips noted that some of the identified data elements are generally applicable to all resource types but that others, such as maximum run time/minimum run time, appeared to be resource specific. The participants reviewed the DER Aggregation Descriptive Characteristics Work Paper and pulled resource specific information that may be applicable to the registration of battery resources, solar resources, wind resources, and demand reduction resources. The participants also agreed to remove any data element that represented real-time data, such as actual weather conditions, as this information is not likely used as part of resource registration.

The use case as revised during the meeting is available at the following link: <https://naesb.org//pdf4/weq_bps101921a1.docx>.

1. **Next Steps/Review Action Items**

Mr. Phillips stated that the next meeting of the WEQ BPS is scheduled for November 3. He suggested that the participants move the meeting to November 10 to allow for three weeks for the industry to review the use case and submit informal comments. There was general agreement with this proposal.

Ms. Trum stated that the WEQ BPS request for informal comments should go out this afternoon.

1. **Adjourn**

The meeting adjourned at 11:12 AM Central on a motion by Mr. Fleishman.

1. **Attendance**

| **First Name** | **Last Name** | **Organization** |
| --- | --- | --- |
| Kevin | Burns | OATI |
| David | Crabtree | Tampa Electric |
| Robert | Fleishman | Kirkland & Ellis LLP |
| Daniel | Harless | SPP |
| David | Kathan | FERC Staff |
| Raleigh | Mohr | SPP |
| John | Pearson | ISO-NE |
| Joshua | Phillips | SPP |
| Farrokh | Rahimi | OATI |
| Robin | Rebillard | Manitoba Hydro |
| Paul | Schmitt | Duke Energy |
| Scott  | Stewart | BPA |
| Caroline | Trum | NAESB |
| Eddie | Watson | SPP |
| JT | Wood | Southern Company |