**via posting**

**TO:** Interested Industry Parties

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

**RE:** Draft Minutes from July 8, 2021 WEQ BPS Meeting

**DATE:** July 16, 2021

**WHOLESALE ELECTRIC QUADRANT**

**Business Practices Subcommittee Meeting**

**Conference Call**

**July 8, 2021 – 1:00 PM to 4:00 PM Central**

**DRAFT MINUTES**

1. **Welcome**

Mr. Brooks welcomed the participants to the meeting. Ms. Trum provided the antitrust and meeting policies reminder. The participants introduced themselves. Mr. Brooks reviewed the agenda. Mr. Wood moved, seconded by Mr. Pearson, to adopt the agenda. The motion passed a simple majority vote without opposition.

The participants reviewed the draft minutes from the June 29, 2021 meeting. No modifications were offered. Mr. Wood moved, seconded by Mr. Schmidt, to adopt the draft minutes as final. The motion passed a simple majority vote without opposition. The final meeting minutes are available at the following link: <https://naesb.org//pdf4/weq_bps062921fm.docx>

1. **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. Brooks stated that during the previous meeting, the participants had agreed to begin discussions by reviewing the [DER Aggregation Descriptive Characteristics Work Paper](https://naesb.org/pdf4/weq_bps070821w3.docx) to identify the types of information that would be needed for homogeneous and heterogeneous aggregations to establish requirements begin to drafting standards to support the communication of such information between parties. The participants discussed what types of information may be useful and the categories of information that is currently being provided. Mr. Brooks suggested that as part of the discussions, the participants broadly identify all possible locational information. He stated that once an initial list of information is compiled, the participants can then use that list to identify the relevant pieces of information that will be need to be communicated by the distributed energy resource aggregator.

The participants identified several broad categories of types of locational information that may be needed: geographic location, grid specific location, zonal information, market nodal information (p-node), electrical nodal information (e-node aka service points), LDC service area, balancing area, project location, price location, service location, and source location. The participants then discussed sub-categories of locational information for each broad category.

The participants discussed the types of geographic location information that could be applicable. Mr. Stewart stated that the time zone is an important piece of geographical information collected by BPA. Mr. Wood noted that longitude and latitude could be used to identify the specific location for resources, including offshore facilities. It was determined that P.O. Box numbers should not be allowed for the address location of a resource.

Mr. Schmitt asked how a resource that is physically located in one jurisdiction, such as New Jersey, but has wires connecting to the grid in another jurisdiction, such as New York, would supply its geographical location information. Mr. Wood stated that in such scenarios, there would likely be in place an interconnection agreement that would provide guidance. He stated that at a minimum, the resource would likely provide geographical location information for the physical location of its facility as well as information about its balancing authorities for both jurisdictions.

The participants discussed the types of electrical nodal information that could be applicable. Mr. Hedges stated that as part of the application process, many companies require resources to supply meter information. Additionally, customers may also need to provide their account number and service delivery point information. Mr. Hedges stated that some electrical node information may be more operationally related than needed for business purposes.

The participants discussed the types of LDC service information that may could be applicable. Mr. Wood stated that this category of information would likely include city and neighborhood. Mr. Hedges stated that this could also include company information or an operating area.

Mr. Brooks asked if there was any additional locational information that may be appliable. There were no additional suggestions offered by the participants.

The DER Aggregation Descriptive Characteristics Work Paper as revised during the meeting to document all categories and subcategories of locational information is available at the following link: <https://naesb.org//pdf4/weq_bps070821a1.docx>

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

Mr. Brooks suggested that at the next meeting, the participants begin to identify the categories and subcategories of operational characteristics for individual distributed energy resources comprising an aggregation.

Ms. Trum stated that Standards Request R21002, submitted by NERC and assigned to the WEQ Standards Review Subcommittee (SRS), proposes NAESB consider modifications to the definition for the defined term System Operating Limit for consistency with recent changes proposed to the definition for the defined term in the NERC Glossary. The WEQ SRS will be meeting on July 19, 2021 to consider the request, and the chair of the subcommittee expects to develop a draft recommendation during the meeting. Ms. Trum stated that as the defined term System Operating Limit is used in WEQ-008 and WEQ-023, among other standards, the WEQ BPS should review the proposed modifications to the definition. The participants agreed to add this as an agenda item for the next meeting.

Ms. Trum stated that NAESB had filed an [informational status update](https://naesb.org/pdf4/naesb062121_informational_status_update_ferc_order841and2222.pdf) with the Commission regarding NAESB’s standards development efforts to support FERC Order Nos. 841 and 2222. The informational status update describes the activities that resulted in NAESB’s determination to address energy storage, and more broadly, distributed energy resources, as well as the activities of the WEQ BPS to address 2021 WEQ Annual Plan Items 7.a – c. Ms. Trum stated that the informational status update was filed in Docket No. RM05-5-000 is posted to the NAESB website on the Government Activities page.

1. **Adjourn**

The meeting adjourned at 3:49 PM Central on a motion by Mr. Phillips.

1. **Attendance**

| **First Name** | **Last Name** | **Organization** |
| --- | --- | --- |
| Rebecca | Berdahl | BPA |
| Dick | Brooks | Reliable Energy Analytics  |
| Patrick | Foley | NV Energy |
| Ed | Hedges | KCP&L and Westar, Evergy Companies |
| Cory | Herbolsheimer | NV Energy |
| Elizabeth | Mallett | NAESB |
| John | Pearson | ISO-NE |
| Joshua | Phillips | SPP |
| Farrokh | Rahimi | OATI |
| Robin | Rebillard | Manitoba Hydro |
| Paul | Schmitt | Duke Energy |
| Scott  | Stewart | BPA |
| Caroline | Trum | NAESB |
| JT | Wood | Southern Company |