**via posting**

**TO:** Interested Industry Parties

**FROM:** Caroline Trum, Director, Wholesale Electric Quadrant

**RE:** Final Minutes from August 23, 2022 WEQ BPS Meeting

**DATE:** August 31, 2022

**WHOLESALE ELECTRIC QUADRANT**

**Business Practices Subcommittee Meeting**

**Conference Call**

**August 23, 2022 – 1:00 PM to 4:00 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 on a motion by Mr. Brooks, seconded by Mr. Johnson.

Mr. Phillips reviewed the draft minutes from the August 4, 2022 meeting. Minor modifications were made for consistency. Mr. Brooks moved, seconded by Mr. Rahimi, to adopt the revised minutes as final. The motion passed a simple majority vote without opposition. The final minutes from the meeting are available at the following link: <https://naesb.org//pdf4/weq_bps080422fm.docx>

1. **Continue Discussion on Standards Request R22001 – Review and Discuss the Public Review Draft Version of the U.S. Department of Energy’s GMLC’s State of Common Grid Services Definitions Report**

Mr. Phillips stated that during the previous meeting, the participants had discussed potential definitions for the common grid services. He suggested that instead of starting with the creation of the definitions, the terms may be more easily defined by first drafting the standards language to identify the potential attributes and performance expectations for each of the grid services. Mr. Brown and Mr. Brooks agreed. Mr. Brown stated that for the previous meeting, LBNL and PNNL had created a [presentation](https://naesb.org/pdf4/weq_bps082322w1.pptx) that overviewed the effort and included sample language regarding the performance expectations for Energy Service and Reserve Service.

Mr. Brown explained that the draft language breaks down the expected performance expectations for the service into electric attributes, timing attributes, and other additional information, such as performance measurement and example operational objectives for the service. He stated that the intent of the national labs team in drafting the language was to provide high-level descriptions of these attributes in recognition that granular details may widely vary on a regional and per agreement basis.

The participants discussed the subcategories defined as part of the electrical attributes for Energy Service: energy, power, and electrical location. Mr. Rahimi noted that the description for energy may not be too limiting as Energy Service could be a request to produce a certain amount of energy for a specific period of time or a request to lower and maintain a certain power level by a specific point in time. Mr. Phillips stated that using the term “consumption” as part of the explanation for energy level may not be accurate. Mr. Wood stated that Energy Service is not a dispatchable service but rather something that is defined as providing a certain level of electricity over a specific time period. He explained that dispatchable service is more comparable to the types of performance that would be expected as part of capacity service. Mr. Brown suggested that the participants revise the language based on the discussions from the previous meeting regarding the proposed definition for Energy Service. The participants agreed to modify the language to define energy as the quantity of electric energy, measured in megawatt hours, made available over the performance period.

Mr. Rahimi asked if Energy Service is intended to be inclusive of ramping. The participants discussed if ramping should be defined as a separate grid service or if it could be represented through one of the six identified grid service categories. Mr. Brown noted that in identifying the six grid services proposed for standardization, the requesters did contemplate the possibility that could be combined, meaning that a specific market product or service may have elements of more than one of the grid services. The item was added to the R22001 Parking Lot as Issue #1.

The participants discussed how to define the electrical attribute power for Energy Service. Mr. Rahimi stated that each market product or service is, in part, defined by metric and a payment based on that metric. He explained market products or services that could be classified as an Energy Service are typically to provide a specific number of megawatt hours and the payment is then based on how many megawatt hours are provided. It was suggested that the power component be used to describe how the energy is purchased as part of the service. Mr. Brooks stated that this would align with practices in ISO-New England. Mr. Brown indicated that from the requester perspective, the intent is for these standards to serve as the basis for grid service communications between the service requester and the service provider. He stated that language proposed for the attributes is meant to initiate discussion and should be revised based on input from participants to incorporate the correct terminology in acquiring a grid service. The participants included additional language to include that power level is measured in megawatts and can be average megawatts during a specified time period but added an item to the parking lot to further discuss how the attribute should be defined or if it should be included (Issue #2).

The participants next discussed the electrical attribute electrical location. Mr. Brown stated that the proposed language indicates that electrical location is a physical location but noted that based on discussion during the previous meeting, it may be more appropriate to define the attribute as the electrical location on the grid which is not necessarily a physical point on the map. The participants discussed the use of the phrase “service location” as part of the attribute. Mr. Phillips indicated that Service Location is a defined term in WEQ-000 and is specifically defined as a physical location. Mr. Rahimi noted that often, electrical location is referenced using the point-of-receipt and point-of-delivery. Mr. Phillips asked if electrical location should reference a physical point where a resource is connecting to the electrical system or the price location. Mr. Brown stated that the intent in describing the attributes is to be as inclusive as possible so as to not inadvertently exclude specific market products or services that would otherwise fall into a particular category. The participants agreed to create a high-level explanation of the electrical location and provide potential attributes that could be associated with the location requirements.

Mr. Phillips stated that during the next meeting, the participants would resume discussions regarding the Energy Service attributes with timing.

The presentation as revised during the meeting is available at the following link: <https://naesb.org//pdf4/weq_bps082322a1.pptx>

1. **Identify Next Steps and Action Items**

The participants discussed the creation of the R22011 Parking Lot to track issues identified during the meeting. It was determined to add a third item to the parking lot to determine if an additional grid service category should be created for Capacity Service.

The R22011 Parking Lot as created during the meeting can be viewed at the following link: <https://naesb.org//pdf4/weq_bps082322a2.docx>.

1. **Other Business**

Mr. Phillips noted that the next meeting of the subcommittee is scheduled for September 7, 2022.

1. **Adjourn**

The meeting adjourned at 4:03 PM Central on a motion by Mr. Brooks, seconded by Ms. Sieg.

1. **Attendance**

| **First Name** | **Last Name** | **Organization** |
| --- | --- | --- |
| Rebecca | Berdahl | BPA |
| Dick | Brooks | Reliable Energy Analytics |
| Rich | Brown | Lawrence Berkeley National Laboratory |
| Nik | Browning | MISO |
| Alan | Johnson | NRG |
| Jo | Johnson | Portland General Electric |
| Ken | Quimby | Southwest Power Pool |
| Joshua | Phillips | Southwest Power Pool |
| Farrokh | Rahimi | OATI |
| Ron | Robinson | TVA |
| Lisa | Sieg | LG&E and KU Services |
| Mike | Steigerwald | BPA |
| Charanya | Suri | NV Energy |
| Caroline | Trum | NAESB |
| JT | Wood | Southern Company |
| Sheikh | Zulkader | CAISO |