



PILOT PROJECTS GOVERNANCE BOARD

February 2, 2021

Ms. Brinda Westbrook – Sedgwick
Commission Secretary
Public service Commission of the District of Columbia
1325 G Street NW, Suite 800
Washington, DC 20005

Re: The Investigation into Modernizing the Energy Delivery System for Increased Sustainability, GD -2020-02-M

Dear Ms. Westbrook-Sedgwick,

Attached please find the Pilot Projects Governance Board's January meeting minutes. Should you have any questions regarding this filing, please contact me directly.

Best Regards,

Adrienne Mouton-Henderson

Pilot Projects Governance Board Secretary



Pilot Project Governance Board

Meeting No. 7

January 21, 2021

10:12 am

Meeting Minutes
(DRAFT)

Commission Facilitator called the Meeting to Order at 10:12 am.

List of Attendees:

Board Member Organizations in Attendance (Quorum present)

- Solar United Neighbors of DC – **Present**
- DC Chapter of the Sierra Club – **Present**
- DC Consumer Utility Board (“DC CUB”) – **Present**
- Office of the People’s Counsel for the District of Columbia (“OPC”) – **Present**
- Maryland-DC-Delaware-Virginia Solar Energy Industries Association (“MDV-SEIA”) – **Present**
- District Department of Energy and Environment (DOEE) – **Present**
- Greater Washington Urban League (“GWUL”) – **Absent**
- Apartment and Office Building Association of Metropolitan Washington (“AOBA”) – **Present**
- Commission Staff – **Present**

II. General Business

PSC Staff reiterated the purpose of this meeting was to finish looking at the remaining concept papers from the September 28, 2020 call for concept papers from the Board.

III. Team’s Review of Concept Papers

a. Concept #1

- Battery storage installations across the District for different rate classes
- NEM & Community solar customers
- Proposes Pilot TOU rate tariff & Demand level tariff
- Maximize customer engagement, focuses on benefits accruing to customers

b. Concept #18

- Proposes placing battery in one location to gain learnings (ancillary to PJM)
- Not a new concept

c. Concept #20

- Grid-scale, flexible size battery placed on distribution node to alleviate potential load congestion
- FTM assets owned by third party
- Some concern re: costs of \$3m to scale the project

d. Concept #24

- Residential/ front of meter solution, essentially grid assets sited on customer property
- Plop & drop solution, appears to be a smart meter proposal disguised as a battery proposal
- Leaves out customers in the process who do not realize any bill impacts (i.e. savings, value of DER)
- Design concerns but possibility to hybridize some elements into a storage project design

Overall Storage Project Design Considerations

- Customer earnings in return for grid support functionalities
- Streamlined interconnection
- Multi-customer installations
- Focus on distribution level (not fully on PJM markets)
- Aggregation
- Hosting capacity
- Different scales

e. Concept #7

- Building-to-Grid interaction
- Pilot to study the reactivity to grid demand – buildings with flexible loads responding to real-time grid conditions
- Concerns about changes to the BEPS but could be piloted separately – questions raised about how much this overlaps with work ongoing as part of the green building codes and other research in the District
- Group more interested in Phase 2 (implementation) than Phase 1 (research)
- Proposal was well put together and had a focused set of objectives

f. Concept #22

- Vehicle-to-Grid interaction, heavy focus on locomotive technology
- More of an academic paper and using locomotives raised more questions than answers

Overall Grid Interactivity Project Design Considerations

- Concerns about pandemic impacts
- Interaction between resiliency and customer cost
- Load shifting / Demand response / dynamic pricing
- Bus program?

g. Concept #17

- \$2-\$15/ customer charge as an add on
- 1x setup fee for customers
- Serve as a middleman for control of the data
- Need to address data issue
- Enables customers to share data in a streamlined manner with DER providers. Supersede the need for “Green Button”
- Concept is proposing to pair this data access with the chosen solutions for funding

h. Concept #21

- Unclear privacy issue
- Interfacing at point connection at the meter
- Advanced inverters may not be needed
- Focused on the grid visibility for Pepco – unclear how the data would be made public or accessible to customers, comes with high price tag

Overall Data Access Project Design Considerations

- Grid visibility
- Pilot a grid region
- Dynamic hosting capacity

i. Concept #5

- Sewer heat exchange
- Need to look at grid of the city
- Do it in another location if possible

IV. Action Items & Deadlines

- Wrap up last three concept papers #s 23, 3 & 10
- 2 meetings set for February 11th & 25th
- Start discussing RFPs
- Be on the lookout for a list Qs to send out to the utilities centered around load for residential & commercial customers, potential shift in peak hours

VIII. Adjournment

Commission Chair adjourned the meeting at 12:00 pm.
