



Solar Aggregation and Advanced Inverter Pilot Project

RFP No. PSC-24-18

Addendum No. 3

Issued: May 16, 2024

The purpose of this Addendum is to provide additional information in response to the question below.

Question:

What systems at the PSC or PEPCO would require integration? For example, ADMS, AMI or SCADA?

Answer:

There are no systems at the PSC that would require integration.

Pepco has no Distributed Energy Resource (DER) systems currently capable of integrating with an advanced inverter. Pepco plans to utilize its future Distributed Energy Resource Management Systems (DERMs) platform to integrate with Advanced Inverters to the extent that they provide the controls necessary to mitigate distribution grid impacts and improve hosting capacity. Pepco is currently re-evaluating its timeline for the system investments needed to establish its DERMs platform.

If Pepco needed to communicate with a DER site, Pepco would program a Remote Terminal Unit (RTU) that directly communicates with the DER site's communication equipment. The DER customer would be responsible for interfacing and aggregating data from the Advanced Inverters to the DER site's communication equipment. For example, a larger 3 MW DER site might have 15, 200KW inverters; Pepco only intends to control and monitor the DER site in the aggregate and does not intend to control all 15 advanced inverters individually.

Pepco uses certain capabilities from advanced inverters that customers must adhere to in order to facilitate interconnection of small and large DERs. Pepco may enable other advanced inverter settings (such as supervisory control) on a site-specific basis for DERs to permit interconnection.

-End of Addendum-