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Group 1 Validated and Transparent Microgrid Valuation and Optimization Tool

EPRI's work on StorageVET has been very valuable, and the tool delivers significant value for the evaluation of DER from the Front-Of-Meter utility perspective.

The DOE/OE has funded work for the development of the Distributed Energy Resources Customer Adoption Model (DER-CAM) at LBNL, which is also delivering significant value for the evaluation of DER and Microgrids from the Behind-The-Meter customer perspective.

We recommend that this task includes that the developer integrates and leverages both StorageVET and DER-CAM platforms as the foundation for the creation of a 360 solution that considers the value objectives and constraints of both Front-Of-Meter Utility users and Behind-The-Meter Customers.

Moreover, we also recommend that such a tool continues with the existing StorageVET web environment for accessibility. However, we would like to suggest that in addition to being a web-based solution, such a tool should also include proven cyber security along with rich interactive visualization and data management features that go beyond the existing static forms and spreadsheets in order to engage industry, and deliver a modern streamlined environment that enables a broader class of users.