

NIST TE Challenge Phase II

Organization:

UNIVERSITY OF PUERTO RICO – MAYAGÜEZ CAMPUS

Project name:

Distribution market based on TE to further solar communities integration to the grid

Simulation tool set: **DIGSILENT** and **Matlab/Simulink**

Objective:

- Define and characterize producers and consumers services/values which can be purchased in an open and dynamic Distribution market.
- Simulate and analyze market operations at the distribution level, with emphasis on community microgrids.

Partners needed: Distribution system simulation, distribution level markets

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