

Development of Representative Microgrids Test Cases and Study of Selected Operational Scenarios in the Island of Puerto Rico

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Robert Broderick, Sandia National Laboratories

Jayuya, noviembre 2017
Foto: Borintek



Jayuya, Noviembre 2017
Foto: marcel



Aibonito, Marzo 2018
Foto: Equipo IEEE-WPR / INESI

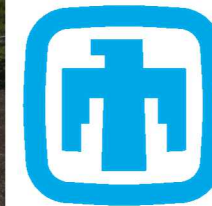


Veguita Zamas, Jayuya
Mayo, 2018
Foto: marcel



Veguita Zamas, Jayuya
Mayo, 2018
Foto: marcel

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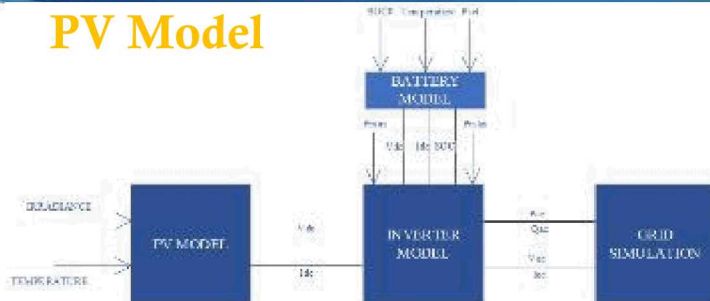
We propose to define and develop representative test cases to study the behavior of selected renewable energy microgrids described in the PREB Microgrid Rule. The models will be based on models of the electric elements within the microgrid and models of the electric power grid, or other microgrids, to which the test case microgrid may be connected.



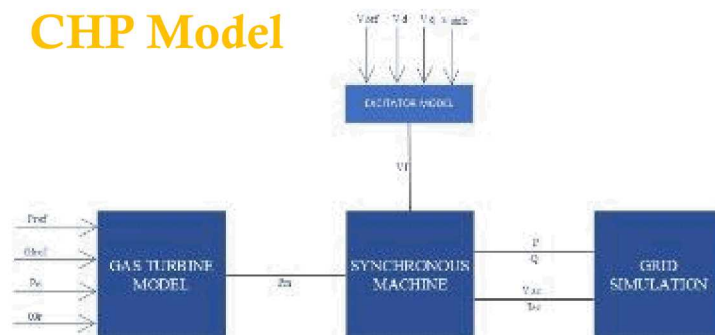
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OPAL Models

PV Model



CHP Model



Wind Model

