

EOC.ENERGY

Microgrid energy operations center

Digitizing Utilities
Round 2



The Team

(Utility Partner) Cooperative Energy Utility, team with decades of experience implementing community solutions in **Puerto Rico**.

Industry 5.0 solutions experts with more than 100 machine learning solutions implemented worldwide and decades of experience implementing advanced control solutions.

Engineering Energy expert team with decades of experience designing and implementing energy management and solar energy solutions.

Technology:

- Back Office manage system to integrate distributed energy resources (DERs).
- SORBA.ai platform for real-time data analysis, predictive maintenance, and automated energy management.
- Virtual Power Plant (VPP) capabilities to optimize energy generation, storage, and distribution.

Key Features:

- Enhances resilience and reliability of microgrids in low/middle-income communities.
- Reduces energy costs and greenhouse gas emissions through renewable energy integration.
- Promotes energy equity by empowering underserved communities.

Impact:

- Modernize and digitize utility operations in Puerto Rico and beyond..
- Replicable model for National Rural Electric Cooperative Association (NRECA) utilities.
- Scalable solution to transform global energy landscape towards sustainability.