

CENTRAL OFFICE FOR RECOVERY,  
RECONSTRUCTION AND RESILIENCY  
**COR3**



# ENERGY UPDATE

02.22.2023 AEG ENERGY WEEK

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# ENERGY UPDATE

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**Hurricanes  
Irma & María**

**Earthquakes  
COVID**

**Transition from  
Obligation to A/E  
to Construction  
Phase**

**The Year of  
Reconstruction  
Fiona**

**María Large  
Projects & FAASt  
Fiona DFA  
Fiona Projects  
Formulation  
Earthquake Projects**



**TOWARDS A MORE RESILIENT AND COMPETITIVE PUERTO RICO**







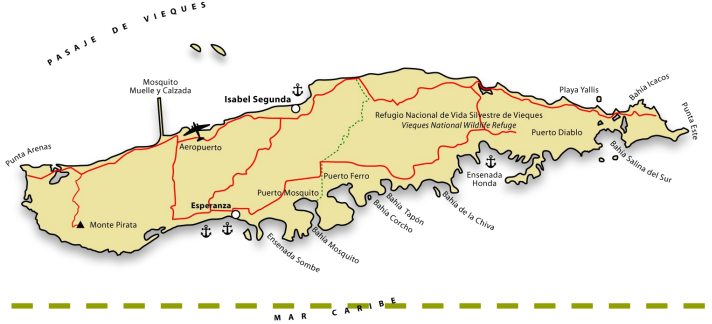
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## Vieques and Culebra Submarine Cable

Harden and protect the critical electrical transmission infrastructure (submarine cables and STS stations) for the islands of Vieques and Culebra.

**Est. Investment \$319,305,000**



## Vieques and Culebra MicroGrid

New emergency generators in Vieques, integrating black-start capabilities, grid automation, AMI and inclusion of 15 MW of Solar PV & 12 MW of BESS systems.

**Est. Investment \$96,690,188**



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## 11 Simple Gas Turbines

Acquisition and installation of 7 peaking units & 4 black start Units.

**Est. Investment \$613,541,936**



## Batteries AP

Same locations as peakers (15 MWh per location): Jobos, Costa Sur, Yabucoa, Daguao, Palo Seco

**Est. Investment \$105,453,690**

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## Floating PV System and Microgrid Infrastructure

Construction of a 10.6 MW floating photovoltaics (FPV) system that will cover approximately 105,940 square meters of a Reservoir with a 4MW BESS and the installation of a Microgrid Infrastructure in the surrounding communities.

**Est. Investment \$36,544,698**

## PREPA Hydroelectric Fleet Application

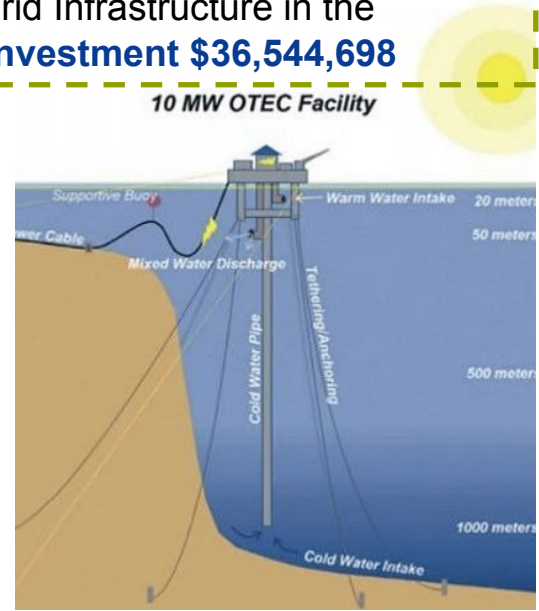
Full retrofit of 16 hydroelectric plants, and upgrades of the existing equipment to increase the capacity factor of each plant.

**Est. Investment \$320,790,000**

## Ocean Thermal Energy Conversion

Construction of a floating 10MW Ocean Thermal Energy Conversion plant roughly 7.7 nautical miles off the coast of Yabucoa.

**Est. Investment \$299,999,999**





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***“What Got You Here Won’t Get You There”***

***“We always have done this this way. Why?”***

**Challenge pre-existing assumptions and conceptions  
with data-based arguments**

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