

Battery Energy Storage System (BESS) in Barbados



Competitive Procurement

This first tranche of the competitive procurement process aims to deploy 60 MW (240MWh) of new Battery Energy Storage Systems (BESS) in Barbados, aiming to unlock renewable energy (RE) access to the grid, improve grid stability, allow better demand management, and mitigate supply interruptions, decreasing dependence on fossil fuels and reinforcing Barbados' transition toward its 100% renewable energy target for 2030.

As transaction advisor, RELP supported the Ministry of Energy and Business (MEB) in the design and implementation of the procurement, including the execution of grid characterisation studies, drafting the document package, and establishing a liquidity support facility with the Central Bank of Barbados.

Features of the 60 MW BESS Competitive Procurement:

- i. The Request for Proposals (RFP), including all requirements and conditions for the projects, the Energy Storage Agreement (ESAG), Energy Storage Licence (ESL), Interconnection Agreement (IA), and the Liquidity Guarantee Support Facility, are available on the [Government of Barbados e-Procurement Portal](#).
- ii. Successful bidders will get a Storage Licence granted by the MEB and enter into a long-term ESAG with the Barbados Light and Power Company, the private-owned national utility.
- iii. The award process involves a simultaneous electronic submission of Technical (pass/fail assessment) and Financial Proposals. Successful bidders will be selected based on the lowest price among those technically qualified bids.
- iv. Open to local and international developers meeting RFP requirements, a participation fee of BBD 10,000 -payable to the Treasury of Barbados- is required.
- v. A bid bond of BBD 38,000/MW must accompany each submission. Eligible projects must be between 1 MW and 20 MW, with a maximum of 30 MW awarded per bidder.
- vi. Projects are to be developed on a Build-Own-Operate (BOO) basis. Awarded bidders are responsible for site rights, permits, design, financing, construction, commissioning, maintenance and decommissioning. A BBD 580,000/MW construction security deposit is required post contract signing.
- vii. A Revolving Liquidity Guarantee Facility, to be issued and administered by the Central Bank of Barbados via financial institutions, will ensure IPP payments for up to three months of BLPC delays or defaults, enhancing investor confidence at no cost to the awarded projects.