

The combined potential for EE and RE is estimated by comparing the net cost of electricity and stationary fuels in a business-as-usual scenario (BAU) scenario, with the net cost of electricity and stationary fuels in a national sustainable energy strategy (NSES) scenario.

ENERGY STO	DAGE SYSTEM	
LINEROT STO	RAGE STOTEP	
Product Model		
HJ-ESS-215A(100KW/215KWh) HJ-ESS-115A(50KW/115KWh)		
Dimensions		
1600*1280*2200mm 1600*1200*2000mm		
Rated Battery Capacity	1	
215KWH/115KWH		
Battery Cooling Method		
Air Cooled/Lipxid Cooled		



Belize Electricity Limited (BEL) is currently preparing the grounds to install 10 MW of battery storage in San Pedro Ambergris Caye. Demand for electricity in San Pedro is growing faster than expected, peaking at a record high of 16.4 MW in 2023.



energy market development in Belize. Because energy expen-ditures comprise a large portion of the average household's budget, more public awareness of renewable energy and energy efficiency could support a transition to a more diverse and cost-effective energy system that relies on local resources. Solar Potential: <42 MWPotential: <40 MW

## COST OF ENERGY STORAGE BELIZE





This highlights the importance of deploying 10 MW of battery storage in San Pedro to address the growth in demand and to increase reliability and sustainability of electricity supply to the island.

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this document is for general information purposes only.



The Belize Electricity Limited (BEL) is inviting suitably qualified companies, not limited to the country of Belize, to submit Expressions of Interest for the supply of 20MW/80MWh of Battery Energy Storage Systems (BESS) for the National Electricity

## COST OF ENERGY STORAGE BELIZE





The Government of Belize and its energy sector partners are committed to continuing and accelerating the transition to a low-carbon energy system. Belize, a nation endowed with abundant natural resources for dispatchable, non-fossil fuel energy sources, has dedicated efforts to advance renewable energy sources.