

Appendix 12 – BESS Performance Guarantees

1. System Functional Design

1.1 Overview of System Functionality

The addition of Battery Energy Storage System (the “System” or the “Battery System”) will provide benefits to improve the reliability of WAPA grid in St. Thomas, USVI (“WAPA grid”). The System has been designed to provide spinning reserves, frequency and voltage regulation, and to do so in concert with WAPA existing generating assets and the planned Wärtsilä engines.

The System has been designed with the following power and energy capacity.

Rated charge / discharge power at Point of Connection (“Power”)	9 MW
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Usable Energy Capacity at COD (“Capacity”):	18 MWh
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The electrical and control system boundary limits and demarcation points are identified in the Technical Specification, Appendix 1B and 2B that identifies the Point of Connection as being on the MV side of inverter transformer (the “POC”), to be supplied under the Contractor’s System.

2. Performance Guarantees

The following “Performance Guarantees”, which shall be demonstrated under “Performance Test Conditions” during the “Test Period”.

Except as noted, all Performance Test measurements and record data shall be gathered at the POC.

2.1 Performance Guarantees

2.1.1 Capacity Guarantee

- a. Capacity Test. During Commissioning, Contractor shall conduct a one-time capacity test on the ESS in accordance with Appendix 7B (BESS Performance Test Guidelines).
- b. Capacity Guarantee. During Commissioning, Contractor guarantees that during the Capacity Test, the ESS’s Capacity shall be no less than 18 MWh (the “Capacity Guarantee”) in accordance with Appendix 7B; provided, however, that the operating parameters set forth in Appendix 1B are maintained.

2.1.2 Power Guarantee

- a. Power Test. During Commissioning, Contractor shall conduct power tests on the Battery System in accordance with Appendix 7B (the “Power Test”) during the Capacity Test.
- b. Power Guarantee. During Commissioning, Contractor guarantees that during the Power Test referenced above, the ESS will be capable of delivering: (1) **9 MW** (the “Power Guarantee”) in accordance with Appendix 7B; provided, however, that the operating parameters set forth

in Appendix 1B are maintained.

2.2 General Performance Test Conditions

Performance Tests shall be conducted for each of the Performance Guarantees listed above, following mutually agreed upon Performance Test procedures as set forth in Appendix 7B. 30 days prior to startup, the Contractor shall provide to the Owner recommended Performance Test procedures, subject to Owner's review and approval. Performance Test results and data shall be regarded as confidential information.

Unless otherwise agreed, the Performance Guarantee will be evaluated with the Battery System online and connected to the WAPA grid as set forth in Appendix 1B.

In certain cases, more than one Performance Guarantee may be evaluated under a single set of Performance Tests, subject to Owner review and approval. The Contractor's Performance Test procedures should detail these overlaps.

2.3 Normal Grid Operating Conditions

The System has been designed to provide the functionality identified in Section 1 assuming that the Newmont grid is operated under "Normal Grid Operating Conditions" as set forth below, and there is no ongoing Event of Force Majeure. Therefore, the Performance Test shall be considered valid only when these Normal Grid Operating Conditions exist.

It should be noted that the Normal Grid Operating Conditions are prerequisite conditions. Certain tests for contingency events may involve taking the Newmont grid outside of its Normal Grid Operating Conditions for testing purposes, in accordance with the mutually agreed upon test procedures in Appendix 7B.

The "Normal Grid Operating Conditions" are as follows:

Total island demand	Up to 50 MW
Generation	Any combination of WAPA generation assets meeting St. Thomas electricity demand, either alone or in concert with Battery System.
Ambient conditions	Required environmental conditions as provided in the Technical Specification, Appendix 1B.