

**New York State Electric & Gas Corporation
Rochester Gas and Electric Corporation**

2023 Bulk Power Energy Storage Request for Proposals

APPENDIX C9 – Warranties, Performance Guarantees and Maintenance Plans..... 1

 Warranty 1

 Performance Guarantees..... 1

 Maintenance Plans 2

APPENDIX C9 – Warranties, Performance Guarantees and Maintenance Plans

Please provide the following information in the order requested. Indicate if a question is not applicable and do not leave responses blank. Please mark all confidential information accordingly. Responses to these questions will be used to score project proposals and inform commercial term discussions with shortlisted Bidders. This section is required for Phase II offers only. The information provided will be binding.

Warranty

Please provide the following Project information in the order requested. Indicate if a question is not applicable and do not leave responses blank.

1. Please complete the Warranty Summary tab in the Phase II section of Appendix B - Offer Form.
2. Please provide a written description of the following items:
 - 2.1 Key assumptions, exclusions, or clarifications for all key equipment warranty coverage, i.e. battery modules, inverters, controls, etc.
 - 2.2 Key assumptions, exclusions, or clarifications for all OEM warranties for balance of plant equipment.
3. Please provide the following warranty documents as attachments:
 - 3.1 Full copy of the Bidder's standard full-wrap warranty for the 15-year contract term.
 - 3.2 Copies of all OEM equipment warranties

Performance Guarantees

1. Please review the definitions of each Performance Guarantee as defined in Section 6.03 of Appendix D1/D2 – Energy Storage Services Agreement and the Appendix D4 – Term Sheet and provide a written explanation for any assumptions, exclusions, or operational limitations for which the proposed system would deviate from the Agreement terms or definitions. The following sections should be addressed:
 - 1.1. Availability: minimum 98% availability,

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- 1.2. Capacity: Bidder-defined according to the project size,
 - 1.3. Round Trip Efficiency: Bidder-defined value,
 - 1.4. Ramp Rate: a minimum of 10% of project capacity per minute
2. Please provide the following documents as attachments:
- 2.1. An OEM-approved degradation curve spanning the applicable term (up to 15 years) for the proposed ESS systems.
 - 2.2. Example energy capacity degradation data for the earliest operational ESS systems installed by the Bidder. Indicate how and why performance of the proposed ESS system may vary from the observed data.

Maintenance Plans

While Appendix C3 covers the technical requirements for maintaining the proposed ESS system, this section requests details of the Operations & Maintenance plans available to the Company.

1. Bidder-performed Maintenance Plans - Describe the maintenance packages available for the proposed ESS system. Include a:
 - 1.1 Copy of standard maintenance services agreement including description of all services provided
 - 1.2 Technical response times for emergency, urgent, and normal issues