

Appendix A – Bidder Response Form

Public Version

Section 83E

Request for Proposal

Application Form

Applicant Information

Applicant: [REDACTED]

Project: Hecate Energy Ward Hill Energy Center LLC

Contacts:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Section A-1: Certification, Project, and Pricing Data

The Certification, Project and Pricing Data (“CPPD”) document is a Microsoft Excel workbook that is provided on the website at www.MACleanEnergy.com.

Please see Attachment 1.1 – Certification, Project, and Pricing Data.

Section A-2: Executive Summary of the Proposal

The bidder is required to provide an executive summary of the project proposal that includes a complete description of the proposed Energy Storage System bid, the proposed contract term and pricing schedule, interconnection plan, the overall project schedule, and other factors the bidder deems to be important. A table summarizing proposal(s) including details such as storage project location, interconnection location(s), capacity (MW), duration (hours), projected annual average CPECs or Environmental Attributes, energy storage technology to be deployed, commercial operation date, pricing (\$/CPEC or environmental attribute), etc. is encouraged.



The Bidder is pleased to submit Ward Hill Energy Center in response to the 2025 Massachusetts Department of Energy Resources (“DOER”) solicitation. This proposal is for a 20-year contract term for Clean Peak Energy Certificates (“CPECs”) and reflects a practical and achievable path to deliver a 310MW/1240MWh battery energy storage system prior to January 1, 2030. The Project meets or exceeds all minimum thresholds of this RFP and will enhance grid reliability, support the integration of renewable energy sources, and contribute to the Commonwealth of Massachusetts’ clean energy goals.

The proposed Ward Hill Energy Center is a new 310MW, 4-hour duration battery energy storage facility to be located on privately owned land in the City of Haverhill in Essex County, Massachusetts. Currently, the proposed design includes a CATL EnerX 5.28MWh battery, however, the Bidder is exploring other battery storage options, including a Samsung Lithium-Ion solution.

The Project has planned interconnection to the Ward Hill 345kV substation and anticipates executing the Interconnection Agreement in Q4 2025. The Bidder is currently assuming a 2029 Commercial Operation Date (“COD”), which is supported by our internal project schedule. Ongoing negotiations with National Grid regarding the Interconnection Agreement and timing of the Line 338 upgrades remain an important factor in ensuring this COD is feasible. We have reasonable confidence that a mutually acceptable schedule will be reached and are proceeding

in good faith with the understanding that the 2029 COD is achievable.

The Bidder has extensive experience in development, including design, engineering, and permitting and anticipates being successful in achieving Notice to Proceed (“NTP”) on Ward Hill. The Project is in mid-stage development, and the Bidder is continuing to optimize the schedule as it progresses. The Bidder anticipates securing all necessary local, state, and federal permit approvals prior to the start of construction. The permitting plan includes close coordination with relevant agencies to ensure compliance with environmental and zoning requirements and estimates completion of major permits by end of 2027. The Project anticipates it would reach NTP in 2027 and COD in May 2029.

The offered price in this Proposal for CPECs is for \$ [REDACTED] as shown in Attachment 1.1 - Certification, Project, and Pricing Data.

[REDACTED] If awarded under this RFP, the Bidder anticipates being successful in the deployment of Ward Hill.

A summary of key data included in the Proposal is shown in the table below:

Proposal Information	
Project Name	Ward Hill
Project Location	42°44'31"N 71°06'30"W
Point of Interconnection (POI)	Ward Hill 345kV substation
POI Location	42°44'38"N 71°06'50"W
Energy Storage Technology	CATL EnerX Lithium Iron Phosphate OR Samsung Lithium-Ion, or similar
Capacity (MW)	310
Duration (hrs)	4-hour
Commercial Operation Date	05/2029
Price (\$/CPEC)	[REDACTED]

Section A-3: Operational Parameters and Operational Schedule

3.1 Energy Storage System Operations Project Summary – Please provide the following:

- i. Identify if New or Existing Facility, or an upgrade to Existing Facility:

New

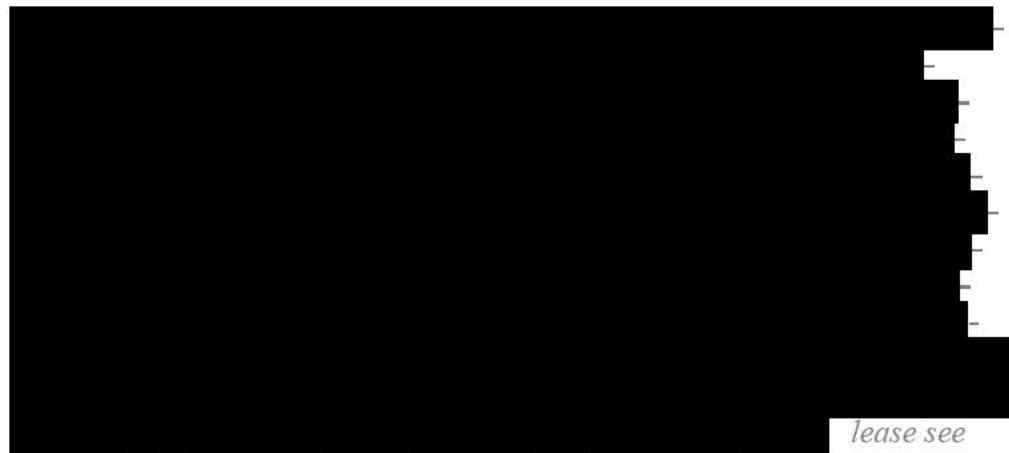
- ii. Technology Type (e.g., mechanical, chemical, thermal):

Chemical/electrical

- iii. Technology Description (e.g., battery chemistry, thermal storage medium):

CATL EnerX 5.28MWh Lithium Iron Phosphate Technology (LFP) battery OR a Samsung Lithium-Ion battery, or similar.

- iv. Point of Interconnection Deliverability Restrictions (if any):



Section A-6 for more information related to Interconnection.

- v. Nameplate MW AC (at 100% project completion):

310MW

- vi. Net Contract MW AC (at 100% project completion):

310MW

- vii. Charge rate (MW):

310MW

- viii. Discharge rate (MW):

310MW

- ix. Storage Energy (MWh):

1240MWh

- x. Discharge Duration at Full-Rated Capacity (hours):

4 hours

- xi. Round Trip Efficiency (%):

[REDACTED]

- xii. Other Characteristics of your system, including, if applicable, but not limited to: Depth of Discharge (%), Full Duty Cycle, etc.:

[REDACTED]

CATL's standard LFP cells are capable of 4000 100% DoD (depth-of-discharge) 1C charge/1C discharge cycles and its long-life EnerX technology is capable of 13,000 cycles.

The CATL EnerX has an energy density of 385kwh/m².

- xiii. Max/ Min cycles per year, season, and per day:

CATL EnerX: Maximum of 520 cycles per year and 2 per day and minimum of 365 cycles per year and 2 per day

Samsung E5SU: Maximum of 365 cycles per year and 2 per day and minimum of 365 cycles per year and 2 per day

3.2 Describe the operation of the proposed Energy Storage System: (i.e., run hour limitations, ramp rates, spinning reserves, regulation up, regulation down). Please provide proposed operational management terms that memorialize the operational commitments of the facility.

This energy storage facility will be able to charge and discharge at any time per day, with

[REDACTED]

[REDACTED]

Please see Section 12 for more information regarding operational commitments.

3.3 Describe the location of the Energy Storage System, the anticipated interconnection point, and the value of the relative proximity of the system to any clean energy generation facility, including any decreased risk of curtailment and/or deferred investment for the generation facility. If applicable, describe how the location of the Energy Storage System may

impact the operation of fossil-fuel based generators.

The Energy Storage System is located on a key bulk line to import renewable energy into Boston. The Point of Interconnection (POI) is at Ward Hill 345 kV substation. The Energy Storage System will decrease the risk of curtailment of renewables from New Hampshire and Maine that are delivered into the Boston area. This node is also expected to support future offshore wind deployment in Northern New England.



Figure 2-2 Project local geographical map

3.4 Describe the proposed technology and equipment manufacturer by name and model (include inverter characteristics if applicable).

The current design includes a 310MW, 4-hour battery energy storage system utilizing CATL EnerX 5.28 MWh technology. The CATL EnerX is a lithium iron phosphate technology (LFP) battery. The Bidder is exploring using other battery manufacturers, such as Samsung lithium-ion battery storage system. The current design includes Sungrow 5000MV inverters. The Bidder is exploring other inverter manufacturers, such as TMEIC, SMA, etc.

3.5 Describe the viability and operational reliability of the proposed technology and track record of the manufacturer. Provide examples of similar applications of the same size and scope.

The CATL EnerX 376 (5.28 MWh) is a high-density, containerized lithium iron phosphate (LFP) battery system designed for long-duration energy storage with over 13,000 cycles and a 25-year lifespan to 65% state of health. Its advanced liquid cooling and safety systems ensure stable performance across diverse grid environments, making it viable for both utility-scale and C&I applications. CATL, the world's largest battery manufacturer, has a strong global record, with deployments exceeding 10 GWh in the U.S., Latin America, and Asia. The EnerX system has been successfully implemented in large-scale projects like the 1.25 GWh Oasis de Atacama in Chile and across U.S. markets via partnerships with FlexGen and Broad Reach Power. These

projects demonstrate their proven reliability, scalability, and bankability for long-term clean energy integration.

Proven examples:

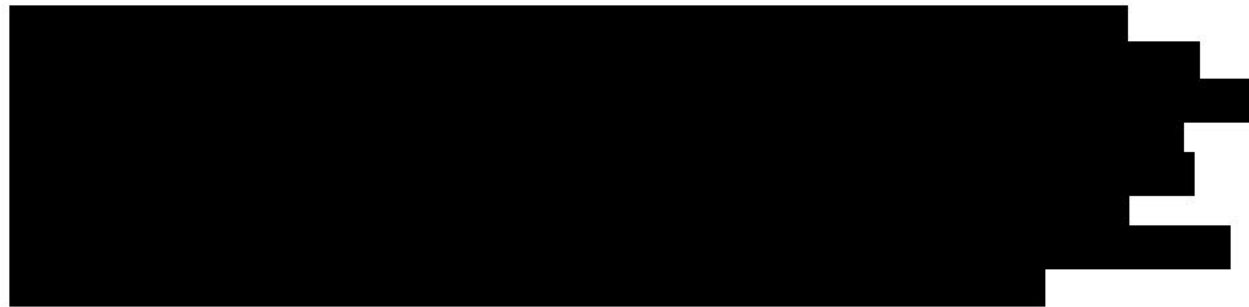
- Broad Reach Power in Texas: Procuring 900 MWh of CATL-based storage across six projects, scaling similar configurations across regions.*
- Southern California Edison: Commissioned over 2.1 GWh of CATL systems in multiple utility-scale installations.*

3.6 Please provide an Environmental Attribute delivery plan and a charge/discharge profile for the proposed project, including supporting documentation. This documentation may be either an hourly storage use schedule or planned charge and discharge schedule. In your plan please account for forecasted weather data and market assumptions over the life of the proposed contract. The energy production/delivery profile must provide the expected Generation to be delivered into the ISO-NE market settlement system by the Energy Storage System to allow the Evaluation Team to determine the reasonableness of your projections. Such information should be consistent with the charge/discharge profile provided above and also considering any and all constraints to physical delivery into ISO-NE. Describe the operation of the Energy Storage System, including whether the proposed Energy Storage System will be classified as a Binary Storage Facility or Continuous Storage Facility, the designation of the ISO-NE Markets that the Energy Storage System would participate in, and the plan to operate in multiple ISO-NE Markets.

Under the MA Clean Peak requirements, a Qualified Energy Storage System may demonstrate operating primarily to store and discharge renewable energy by demonstrating one or more of the following:

- a. Co-location with a Qualified RPS Resource as defined in 225 CMR 21.02 where the Qualified RPS Resource must have a nameplate capacity of at least seventy-five percent (75%) of the nameplate capacity of energy storage.*
- b. Contractual pairing with a Qualified RPS Resource that demonstrates to the Department's satisfaction that the Qualified Energy Storage System operates primarily to store and discharge renewable energy.*
- c. Charging coincidence with periods of typically high renewable energy production as a percentage of the grid generation mix as defined in Clean Peak requirements.*
- d. Inclusion of an operational schedule in the Qualified Energy Storage System's Interconnection Service Agreement demonstrating that the Qualified Energy Storage System serves to resolve load flow or power quality concerns otherwise associated with intermittent renewable energy resources.*

Ward Hill Energy Center intends to qualify via requirement c. As displayed in Attachment 1.1 – Certification, Project, and Pricing Data, [REDACTED]



Since our strategy is well constrained on the discharge, where we assume the Clean Peak credit will be economically favorable compared to alternative BESS strategies (i.e. operating the BESS to maximize revenue without assuming credit) there will not be much variation in schedule in terms of weather or market assumptions. For the charge, there is a lesser, but still constrained, charging window where we have flexibility to optimize our charging schedule in the Day ahead, real time, and regulation up markets. The Clean Peak charging windows are meant to mimic higher solar penetration hours, so our BESS facility will be able to soak energy in low priced hours (and or energy that would otherwise be curtailed), highlighting its ability to stabilize grid prices and help with transmission congestion.


This BESS facility will be classified as a continuous storage facility.

3.7 Please describe how, as a Qualified Energy Storage System as defined in 225 CMR 21.00 Clean Peak Energy Standard (CPS), the storage system will meet the CPS requirements to operate primarily to store and discharge renewable energy. Specifically, please describe any co-location or contractual pairing with an RPS qualified resource, describe/include plans for charging coincident with periods of typically high renewable energy production, or include an operational schedule in the Qualified Energy Storage System's Interconnection Service Agreement demonstrating that the Qualified Energy Storage System serves to resolve load flow or power quality concerns otherwise associated with intermittent renewable energy resources.

This Qualified Energy Storage System will help manage constraints related to importing energy into Boston. Please refer to 3.6 for explanation of charging and discharging windows and Attachment 1.1 Certification, Project, and Pricing Data ("CPPD") document for the operational profile.

3.8 Please list and describe all anticipated revenue streams associated with the Energy Storage System, including, but not limited to, the designation of the ISO-NE Markets that the Energy Storage System would participate in, the plan to operate in multiple ISO-NE Markets, and revenue streams from other third-party contracts/arrangements. For existing facilities, describe existing operations, revenues, and participation in ISO-NE Markets and describe any planned changes in operation, participation in ISO-NE Markets, and revenue streams.

In addition to CPEC's, the Bidder plans to bid into the ISO-NE capacity auction and optimize revenue through participation in ISO-NE's energy and ancillary service market. We don't currently contemplate contracting these revenue streams. The operational strategy will adapt to pricing signals in the market daily, while prioritizing Clean Peak Credit delivery and associated charging windows.



3.9 Maintenance Outage Requirements – Specify partial and complete planned outage requirements in weeks or days for all generation facilities and associated facilities required for the delivery of energy from the generation facilities to the delivery point. Also, list the number of months required for the cycle to repeat (e.g., list time interval of minor and major overhauls, and the duration of overhauls).

Planned maintenance and outages are closely coordinated internally between the operations and asset management team, and with external stakeholders when necessary: [REDACTED] - [REDACTED]

3.10 Operating Constraints – Specify all the expected operating constraints and operational restrictions for the project (e.g., limits on the number of hours a unit may be operated per year or unit of time or charge / discharge cycles per year).

It is anticipated that there would be 365 cycles per year, 2 cycles per day limit.

3.11 Degradation mitigation plan – If applicable to the proposal’s technology type, specify the anticipated degradation rate (absent any mitigation) and plan for mitigation of output degradation (e.g., augmentation schedules or over build plans).

The Proposal assumes a 45% overbuild to mitigate for output degradation.

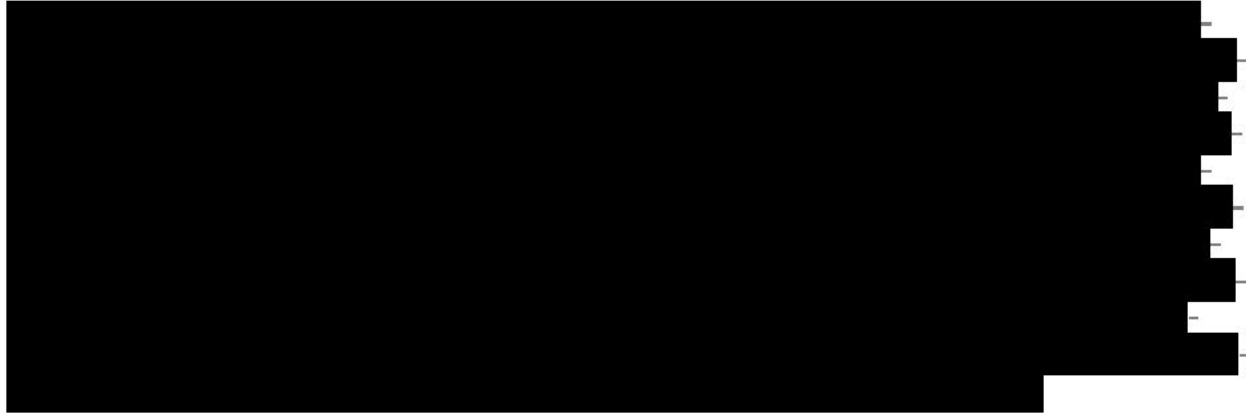
Section A-4: Environmental Attribute Delivery Plan

4.1 Please provide documentation and information demonstrating that the project will deliver into the EDCs NEPOOL GIS accounts, GIS Certificates representing CPECs and any other Environmental Attributes, as applicable associated with the energy storage project. Please describe whether transfer of all GIS Certificates is authorized under the current ISO-NE GIS rules and protocols, or if a rule or protocol change is required. To the extent such change is required, please provide details regarding the proposal and the process for implementing the change.

The Project will deliver into the EDCs NEPOOL GIS accounts, GIS Certificates representing CPECs and any other Environmental Attributes, as applicable associated with the energy storage project. The transfer of all GIS certificates is authorized under the current ISO-NE GIS rules and protocols. The Project will be registered prior to operations.

Section A-5: Financial and Legal

5.1 Please submit information and documentation that demonstrates that long term contracts resulting from this RFP Process would either permit the bidder to finance, or refinance, its proposal that would otherwise not be financeable or assist the bidder in obtaining financing of its proposal. Existing projects are not required to make a statement that demonstrates how a long-term contract would permit financing; however, existing projects should complete the sections below to the best of their ability.



5.2 Please provide a description of the business entity structure of the bidder's organization from a financial and legal perspective, including all general and limited partners, officers, directors, managers, members and shareholders, involvement of any subsidiaries supporting the project, and the providers of equity and debt during project development. Provide an organization chart showing the relationship between the equity and debt participants and an explanation of the relationships. For jointly owned facilities, identify all owners and their respective interests, and document the Bidder's right to submit a binding proposal.





5.3 Please provide a description of the financing plan for the project, including construction and term financing. The financing plan should address the following:

- i. Who will finance the project (or are being considered to finance the project) and the related financing mechanism or mechanisms that will be used (i.e., convertible debenture, equity or other) including repayment schedules and conversion features

Included in Attachment 5.3 - Financing Plan.

- i. The project's existing initial financial structure and projected financial structure

Included in Attachment 5.3 - Financing Plan.

- ii. Expected sources of debt and equity financing

Included in Attachment 5.3 - Financing Plan.

- iii. Estimated construction and other costs to develop and operate the project

Included in Attachment 5.3 - Financing Plan.

- iv. The projected capital structure

Included in Attachment 5.3 - Financing Plan.

- v. Describe any agreements, both pre and post commercial operation date, entered into with respect to equity ownership in the proposed project and any other financing arrangement.

Included in Attachment 5.3 - Financing Plan.

- i. In addition, the financing plan should address the status of the above activities as well as the financing of development and permitting costs. All bidders are required to provide

this information.

Included in Attachment 5.3 - Financing Plan.

5.4 Please describe any financial commitments to enter into long-term contracts with businesses, nonprofit organizations, a municipality or group of municipalities, or other sources of long-term revenue.


This is not applicable; there are no financial commitments to enter into long-term contracts with businesses, nonprofit organizations, municipalities, or other sources of long-term revenue.

5.5 Please describe the status of the commitments with any off-takers, including any executed agreements, provided that such agreements may be contingent on the project being selected for contracting under this RFP

This is not applicable; there are no off-takers at this time or any agreements contingent on the project being selected for contracting under this RFP.

5.6 Provide documentation illustrating the experience of the bidder in securing financing for projects of similar size and technology. For each project previously financed provide the following information:

- i. Project name and location
- ii. Project type and size
- iii. Date of construction and permanent financing
- iv. Form of debt and equity financing
- v. Current status of the project

—Please see Section 13 and Attachment 13.3 – Management Chart & Resumes and Attachment 13.4 – Project Experience for more information.

[REDACTED]

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

5.7 Please provide evidence that the bidder has the financial resources and financial strength to complete and operate the project as planned, including contingencies for project delays or cost overruns.

Audited financial statements and information provided in the financing plan should provide sufficient evidence that the Bidder has financial resources and financial strength to complete and operate the project. Please see Attachment 5.3 – Financing Plan and Attachment 5.10 – Financial Statements for more information.

5.8 Please provide details of any financial difficulties by the bidder or any of its past or

present affiliates which impaired the viability and/or financing of the development and construction of projects of similar type, size, and complexity of the proposed eligible project or other large scale renewable energy project, including any past terminated projects and claims of financial difficulties. Bidders must demonstrate how the proposed eligible project materially differs from any past projects and demonstrate fully the financial viability of the project as bid.

This is not applicable; the Bidder does not have financial difficulties that have impaired the viability and/or financing of the development and construction of projects.

5.9 Describe the assumptions applied by Bidder regarding forecast changes in project costs during the contract term, interest rates over the development period, key input commodity prices, and the methodology used to establish the project contingency amount. Additionally, describe the assumptions made regarding forecasted revenue from other sources (including but not limited to energy arbitrage, capacity and ancillary services markets, or other contractual arrangements) as well as the measure of discount applied to the value of these other revenue streams. Bidder must explain why these assumptions are reasonable and describe and quantify how the project as proposed is designed to absorb sufficient risk to ensure the project can be successfully financed at the proposed price.

[REDACTED]

Please see Attachment 5.3 - Financing Plan for more information.

5.10 Provide complete copies of the most recent audited financial statement and annual report for each bidder for each of the past three years; including affiliates of the bidder (if audited statements are not available, reviewed or compiled statements are to be provided). Also, provide the credit ratings from Standard & Poor's and Moody's (the senior unsecured long term debt rating or if not available, the corporate rating) of the bidder and any affiliates and partners.

Please see Attachment 5.10 - Financial Statements for the most recent audited financial statement and annual report for each of the past three years.

[REDACTED]

[REDACTED]

5.11 Please also include a list of the board of directors, officers and trustees for the past three years and any persons who the bidder knows will become officers, board members or trustees.

[REDACTED]

5.12 The bidder should demonstrate its ability (and/or the ability of its credit support provider) to provide the required security, including its plan for doing so.

The Bidder will provide the required security in the form of a letter of credit. [REDACTED]

[REDACTED]

Please see Attachment 5.3 – Financing Plan for more information regarding the Bidder’s ability to provide the required security.

5.13 Provide a description of any current or recent credit issues/ credit rating downgrade events regarding the bidder or affiliate entities raised by rating agencies, banks, or accounting firms.

There have been no recent credit issues or credit rating downgrade events that have impacted the Bidder or its affiliate entities.

5.14 Describe the role of the Federal Investment Tax Credit (ITC”), and any other incentives or awards, on the financing of the project. In your response, please describe (a) your plan to qualify for the ITC and the level of the ITC for which you plan to qualify, (b) the facilities, investment in which, the ITC is expected to apply, (c) your plan to utilize the tax credits and the relationship to your financing plan, and (d) how qualification for the ITC is reflected in your proposed pricing. Please also describe qualification plans, applicability and utilization of any

other Federal incentives or awards.

Bidders must clearly state their assumptions regarding the availability of federal or state tax credits, subsidies, or grants or other incentives, including but not limited to those available under the Inflation Reduction Act of 2022, the Infrastructure Investment and Jobs Act of 2022.

Bidders should describe any plans to meet federal domestic content and labor requirements in order to maximize federal tax credits available to the project under the Inflation Reduction Act (IRA). Bidders should also describe plans to pursue state funding available to energy storage projects.

Federal Investment Tax Credit (ITC) plays a role in project economics and financing of the Project. The Project is a standalone battery energy storage system (BESS), which is eligible for ITC. The Bidder is experienced with meeting prevailing wage and apprenticeship requirements that will ensure eligibility of the full 30% ITC credit. An additional 10% is intended to come from domestic content. The Bidder has a robust sourcing team and will procure the necessary equipment to meet Treasury Guidance for the domestic content adder. The Bidder is evaluating currently proposed suppliers to ensure compliance with upcoming FEOC guidance. When necessary, vendors may change to ensure eligibility for the ITC.

The Bidder has tax equity partners and a proven history of executing tax equity financing, as further detailed in Attachment 5.3 - Financing Plan.

5.15 Bidders must disclose any litigation or disputes in the last three year period related to projects developed, owned or managed by Bidder or any of its affiliates in the United States, or related to any energy product sale agreement.

[REDACTED]

5.16 What is the expected operating life of the proposed project? What is the depreciation period for all substantial physical aspects of the bid, including generation facilities, delivery facilities to move power to the grid, and mandatory and voluntary transmission system upgrades?

The Project is expected to operate for 20 years. Unless project life extension is pursued, all equipment will be fully depreciated over that 20-year term unless tax provisions provide for more accelerated depreciation schedules.

Mandatory and Voluntary transmission system upgrades would be transferred to the utility (or owned from inception) and would be subject to the Utilities depreciation schedules. No voluntary transmission system upgrades are being contemplated.

5.17 Has the bidder already obtained financing, or a commitment of financing, for the project? If financing has not been obtained, explain how obtaining a long-term agreement as proposed will help you in obtaining financing for the proposed project, in obtaining more favorable terms

for the financing of the proposed project, or in supporting the future capital investment.

At this time, the Bidder has not obtained financing, or a commitment of financing for the Project. The commitment to financing would occur prior to reaching NTP. Throughout the course of development, we engage in productive conversations with tax equity and debt providers to understand terms and availability. We do not foresee any obstacles, and we anticipate that the amount will be sufficient to proportionally fund the anticipated amount of project costs.

[REDACTED]

5.18 State whether the bidder or its affiliates have executed agreements with respect to energy, CPECs and/or capacity for the proposed project (including any agreements that have been terminated) and provide information regarding the associated term and quantities, and whether bidder has been alleged to have defaulted under or breached any such agreement. State whether the bidder or its affiliates have submitted proposals to other buyers, the status of consideration of such proposals, and the impact of such proposal(s), if they result in an executed contract or contracts, on the proposal(s) submitted in response to this RFP.

This is not applicable; the Bidder or its affiliates do not have executed agreements with respect to energy, CPECs, and/or capacity for the proposed project. The Bidder has not submitted proposals to other buyers.

5.19 List all of the Bidder's affiliated entities and joint ventures transacting business in the energy sector.

[REDACTED]

5.20 Has Bidder, or any affiliate of Bidder, in the last five years, (a) consented to the appointment of, or been taken in possession by, a receiver, trustee, custodian or liquidator of a substantial part of its assets, (b) filed a bankruptcy petition in any bankruptcy court proceeding, (c) answered, consented or sought relief under any bankruptcy or similar law or failed to obtain a dismissal of an involuntary petition, (d) admitted in writing of its inability to pay its debts when due, (e) made a general assignment for the benefit of creditors, (f) been the subject of an involuntary proceeding seeking to adjudicate that Party bankrupt or insolvent, (g) sought reorganization, arrangement, adjustment, or composition of it or its debt under any law relating to bankruptcy, insolvency or reorganization or relief of debtors?

[REDACTED]

[REDACTED]

5.21 Briefly describe any known conflicts of interest between Bidder or an affiliate of Bidder and any Distribution Company, or any affiliates of the foregoing.

To the Bidders' knowledge, there are no known conflicts of interest.

5.22 Describe any litigation, disputes, claims, complaints or notices of violation or potential violation involving the project or other energy storage projects involving the Bidder or an affiliate of the Bidder.

[REDACTED]

5.23 Describe any failures to achieve commercial operation dates under other long-term contracts. Bidders should also provide a credible description of how the current proposed project will avoid similar project delays or development issues.

[REDACTED]

5.24 Describe any litigation, disputes, claims, or complaints involving the Bidder or an affiliate of Bidder, against any Distribution Company or any affiliate of any Distribution Company.

[REDACTED]

5.25 Describe any litigation, disputes, claims or complaints, or events of default or other failure to satisfy contract obligations, or failure to deliver products, involving Bidder or an affiliate of Bidder, and relating to the purchase or sale of energy, capacity or environmental attributes or products.

[REDACTED]

5.25 Confirm that neither Bidder nor any directors, employees or agents of Bidder, nor any affiliate of Bidder are currently under investigation by any governmental agency, and that none of the above have in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction involving conspiracy, collusion or other impropriety with respect to bidding on any contract, or have been the subject of any debarment action (detail any exceptions).

[REDACTED]

[REDACTED]

5.26 Identify all regulatory and other approvals needed by Bidder to execute a binding sale agreement.

[REDACTED]

No regulatory approvals are needed by the Bidder to execute a binding sale agreement.

5.27 Describe how the project will conform to FERC's applicable regulatory requirements, including, but not limited to, FERC requirements relating to allocation of transmission capacity and open access, the justness and reasonableness of rates, the potential for undue preference or discrimination, and affiliate dealings, if any. Describe how your proposed approach is consistent with FERC precedent and ratemaking principles.

To conform to FERC's regulatory requirements, the BESS will be owned by a Project Company that will (1) file with FERC a notice of self-certification as an Exempt Wholesale Generator and (2) apply for, and obtain, market-based rate authority. The Project Company's MBR application will include waivers and other authorizations that are routinely granted to other market-based rate sellers, including waivers from FERC's OATT, OASIS, and Standards of Conduct regulations associated with the project's interconnection facilities. Because the Project Company is not making any sales to an affiliate, no authorizations associated with affiliate dealings are necessary.

5.28 Describe and document any and all direct and indirect affiliations and affiliate relationships, contractual, financial or otherwise in the past three years between the bidder and one or more of the Distribution Companies and their affiliates, including all relationships in which one of the Distribution Companies or their affiliates has a financial or voting interest (direct or indirect) in the bidder or the bidder's proposed project. These relationships include:

- i. Corporate or other joint arrangements, joint ventures, joint operations whether control exists or not;
- ii. Minority ownership (50% or less investee);
- iii. Joint development agreements;
- iv. Project agreements;
- v. Operating segments that are consolidated as part of the financial reporting process;

- vi. Related parties with common ownership;
- vii. Credit, debenture, and financing arrangements, whether a convertible equity feature is present or not;
- viii. Wholly owned subsidiaries; and
- ix. Commercial (including real property) relationships with any Distribution Company

[REDACTED]

Section A-6: Interconnection, Deliverability, and Reliability

6.1 Please provide documentation to show evidence of the interconnection request to ISO-NE, the applicable New England Transmission Owner, or any neighboring control areas, to interconnect at the Capacity Capability Interconnection Standard. Please describe the status of any planned interconnection to the grid.

The Interconnection Agreement (IA) is being negotiated and is expected to be fully executed in Q4 2025. Milestone dates are being finalized and there is potential for operational restrictions in place until a planned upgrade of the lines serving the National Grid Ward Hill substation is complete.

[REDACTED]

6.2 Provide studies that describe the Project's electrical system performance, its impact to the reliability of the New England Transmission system, how the project would satisfy ISO NE's I.3.9 requirements, and how the project will interconnect at an equivalent to the Capacity Capability Interconnection Standard. Projects that do not have I.3.9 approval from ISO-NE must include technical reports or system impact studies that approximate the ISO-NE interconnection process, including but not limited to clear documentation of study technical and cost assumptions, reasoning, and justification of such assumptions. All projects must also provide analysis that approximates the ISO-NE CCIS interconnection analysis as defined in the applicable ISO-NE Planning Procedure(s). Please also provide the status and expected completion date of any additional interconnection studies already underway with ISO-NE and/or the transmission owner. All studies must follow the current ISO-NE interconnection procedures and detail any assumptions regarding resources ahead of the Project in the ISO-NE interconnection process as defined in the ISO-NE tariff and/or Planning Procedure(s). All network upgrades identified in these studies must be clearly documented and included in the bid price. Provide a copy of an interconnection agreement, if any, executed by the bidder with respect to the proposed project. If an interconnection agreement has not been executed, please provide the steps that need to be completed before an interconnection agreement can be executed and the associated timeline.

[REDACTED]

[REDACTED]

The Interconnection Agreement for the Facility is currently under negotiation and is anticipated to be executed in Q4 2025.

- i. Copy of completed I.3.9 approval or I.3.9-equivalent study attached: ☐ If none, please explain:

The Project completed the System Impact Study in May 2024. Please refer to Attachment 6.2 - SIS for more information.

- ii. Copy of completed CCIS-equivalent study attached: ☐ If none, please explain:

None at this time, the Project capacity will be studied in the Transition Cluster.

- iii. Copy of Interconnection Agreement attached: ☐ If none, please explain:

The Interconnection Agreement is in draft form and utility negotiations are ongoing. It is anticipated that execution will occur in Q4 2025. Once negotiations are complete, the Bidder can provide the IA.

- iv. Additionally, any other studies undertaken by ISO-NE or the bidder must be provided

There are no additional studies for the Bidder to provide at this time.

6.3 If multiple interconnection requests have been made, please specify all such active requests which have not been superseded by subsequent requests and information regarding the status of each. Provide copies of any requests made and studies completed.

There is a single, active interconnection position made under Interconnection Request HEC-66487, included as Attachment 6.3 - Interconnection Request, for queue position 1252.

6.4 Please provide cost estimates for any necessary network upgrades identified in the studies identified in 6.2.

[REDACTED]

6.5 To the extent that you provide an alternative interconnection scenario based on ISO-proposed interconnection process changes, you must also include studies using the proposed

ISO-NE process. Any such studies must be accompanied with clear documentation of study technical and cost assumptions, reasoning, and justification of such assumptions.

This is not applicable; there is no alternate interconnection scenario that has been studied.

6.6 Provide the electrical models of all energy resources supporting the proposed project in accordance with the filing requirements of the ISO-NE Tariff Schedule 22 and 23.

- i. Electrical models attached: ☐ If none, please explain:

The electrical models are included as Attachment 6.6 – Electrical Models.

6.7 Provide a copy of an electrical one-line diagram showing the interconnection facilities, the relevant facilities of the transmission and/or distribution provider, and any required network upgrades identified in the studies required in section 6.9 of this document

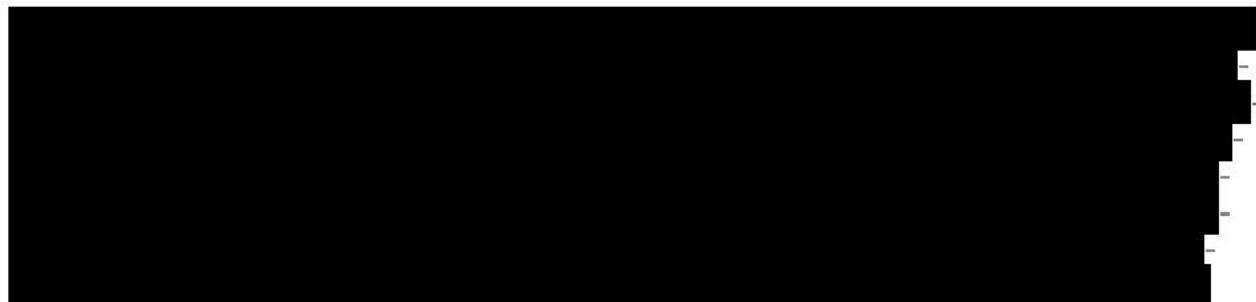
- i. Electrical one-line diagram attached: ☐ If none, please explain:

The electrical one-line diagram is included as Attachment 6.7 – One-Line Diagram.

6.8 Specify and describe the current or new interconnection facilities (lines, transformers, switching equipment, system protection and controls, etc.) that bidder owns or is intending to construct or have constructed in order to deliver the proposed energy.



6.9 Please detail with supporting information and studies (as available) that the production/delivery profile contemplated in your proposal reflects constraints or curtailments, if any, after the upgrades that are expected to take place pursuant to interconnection at an equivalent to the CCIS. If you are planning to make voluntary upgrades beyond those associated with the CCIS-equivalent standard, please describe the transmission network upgrades necessary, their estimated cost (for which the bidder would have cost responsibility, and the impact on the proposed generation schedule by reducing remaining constraints or curtailments.



[REDACTED]

Section A-7: Siting, Permitting and Community Support

7.1 This section addresses permitting and other regulatory issues associated with project siting, development and operations for all phases of the project (including generation, delivery, storage, interconnection, etc.), and in all jurisdictions (state, local, federal). Provide a site plan (or plans) including a map (or maps) that clearly identifies the location of the proposed project site, energy storage project locations, the assumed right-of-way width, the total acreage for the Energy Storage System, the anticipated interconnection point (or, if applicable, multiple interconnection points), the related transmission and interconnection facilities, deployment facilities, and the relationship of the site to other local infrastructure, including transmission facilities, roadways, federal and state waters, and waterways. In addition to providing the required map(s), provide a site layout plan which illustrates the location of all major equipment and facilities described above

Plan included? Yes ☐ No ☐ If not, please explain:

Yes, please see Attachment 7.1 - Site Plan.

7.2 Identify any real property rights (e.g., fee-owned parcels, rights-of-way, development rights or easements or leases, or options to purchase or lease) that provide the right to use the energy storage site any rights of way needed for interconnection.

- i. Does the project have a right to use the Eligible Facility site for the entire proposed term of the LTC (e.g., by virtue of ownership or land development rights obtained from the owner)? Yes ☐ No ☐ If not, please explain.

Yes, the Facility has secured the right to use the eligible facility site for a period of 40 years through a lease agreement. The Facility has a right to purchase a 42-acre tract of land adjacent to the point of interconnection. The Facility is negotiating an option to purchase on two possible site locations. The original site is an option to lease on three parcels (these are outlined in red and green on the map below), located on either side of Boston Rd in Haverhill, MA adjacent to the project's POI. As this site was developed as a BESS facility, it became apparent that the City of Haverhill preferred the project to be located elsewhere.

The new site control, and likely location for the Facility, is located at 130 Neck Rd. (outlined in blue on the map below). Both sites directly abut the New England Power Co. owned land that is home to the Ward Hill 345 kV substation. The Facility will negotiate easement agreements with New England Power Co. for access to the existing Ward Hill 345kV substation for interconnection of the Project after execution of the Interconnection Agreement.



- ii. If so, please detail the Bidder's rights to control the Energy Storage System site and interconnection locations.

Please see Section 7.2.1 for information related to the Project site. The Bidder intends to exercise the option to purchase upon award of CPEC contract from MA DOER. The Bidder intends to negotiate an easement/license agreement with New England Power Co. for the construction and operation of a 345kv gentie which will connect to Facility to the point of interconnection (POI).As mentioned above, the land that will be under option to purchase is the City's preferred location for the Project.

The Facility will secure the interconnection location in the Interconnection Agreement.

- iii. Describe the status of acquisition of real property rights, any options in place for the exercise of these rights and describe the plan for securing the necessary real property rights, including the proposed timeline. Include these plans and the timeline in the overall project timeline.

Please refer to Section 7.2.1 and 7.2.2 for information regarding site control. Please see Attachment 10.1 – Project Schedule for detailed information regarding timeline of acquisition of real property rights.

iv. Identify any joint use of existing or proposed real property rights

The Facility will require crossing of National Grid Utility Right of Way with a 345kv gen-tie. Upon completion and execution of the IA the Facility will negotiate crossing of the National Grid right of way.

v. Provide a copy of each of the leases, agreements, including option agreements, easements, rights of way and related documents granting the right to use the energy storage system site and transmission and interconnection locations (and applicable letters of intent if formal agreements have not been executed)

Please see Attachment 7.2 - Real Property Documentation.

7.3 Provide evidence that the Energy Storage System site and interconnection locations are properly zoned or permitted. If the Energy Storage System site and interconnection locations are not currently zoned or permitted properly, identify present and required zoning and/or land use designations and permits and provide a permitting plan and timeline to secure the necessary approvals.

The Facility is planned for land located at 130 Neck Rd, which is designated as “business park” zoning and would not require rezoning. Although the City of Haverhill does not currently have zoning regulations permitting battery energy storage facilities by right, ongoing discussions with community leaders indicate that the host community would permit the Project through a Special Use Permit (SUP) and not require a rezone at this location. The Facility gen-tie would be installed on parcels with current land use of Electric Right of Way that are owned by New England Power Co. and would not require a rezone

7.4 Permitting plan and timeline – Enter appropriate explanation in this space or reference applicable attachment(s)

Please see Attachment 10.1 – Project Schedule for full project schedule including permitting timelines.

7.5 Provide a description of the area surrounding the Energy Storage System site and interconnection locations, including a description of the local zoning, flood plain and aquifer information, existing land or waterway use, and setting.

The site is in the Ward Hill area of Haverhill, adjacent to Mitchels Falls and near Farrwood Drive and Sterling Lane. The vicinity neighboring towns include Groveland, Methuen, Lawrence, and North Andover, indicating a semi-urban to industrial setting. The site spans undeveloped agricultural land, wooded areas, and commercial zones (including Rogers Spring Hill Garden Center). The northern portion includes residential structures; the central and southern portions are largely vegetated and wooded. The surrounding area is part of the Seaboard Lowland section of the New England Physiographic Province, characterized by low elevation and gentle topography. The site is near a small unnamed stream that drains into the Merrimack River, which lies just 160 meters west of the southwest parcel. The site is outside the 100-year floodplain, classified as Zone X (unshaded) by FEMA. The area includes Woodbridge

Fine Sandy Loam, Sudbury Fine Sandy Loam, and other well-drained soils formed in glacial till. These soils are typical of drumlins, till plains, and moraines, supporting both agriculture and development. While not explicitly mapped as a Zone II aquifer protection area, the presence of wetlands and proximity to the Merrimack River suggests aquifer sensitivity.

7.6 If the bidder does not have interconnection facilities site control describe the status of the plan to obtain that control.

Following execution of the LGIA, the Bidder plans to negotiate easement/license agreements with New England Power Co. for the installation and operation of a 345kv generation tie in line that will span from the project substation to the Point of Interconnection (POI) at the existing Ward Hill substation.

7.7 Provide a list of all the permits, licenses, and environmental assessments and/or environmental impact statements required to construct and operate the project. Along with this list, identify the governmental agencies and municipalities that are responsible for issuing approval of all the permits, licenses, and environmental assessments and/or environmental impact statements. If a bidder has secured any permit or has applied for a permit, please indicate this in the response.

Please refer to Attachment 7.7 - Permitting Matrix for details regarding permits and agencies responsible for review and approval of the Facility.

7.8 Provide the anticipated timeline for seeking and receiving the required permits, licenses, and environmental assessments and/or environmental impact statements. Include a project approval assessment which describes, in narrative form, each segment of the process, the required permit or approval, the status of the request or application and the basis for projection of success by the milestone date. All requirements should be included in the project schedule in Section 10.

Please see Attachment 7.7 – Permitting Matrix and Attachment 7.8 – Permitting Timeline for information regarding permits and agencies responsible for review and approval of the Facility and associated timeline.:

7.9 Provide information (a) demonstrating past and current productive relationships with host communities, federally recognized and state acknowledged tribes, Environmental Justice communities and other stakeholders; and (b) demonstrating your track record of avoiding, minimizing, and mitigating environmental, tribal, and environmental justice impacts from energy storage projects similar to the proposed project.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

7.10 Provide documentation identifying the level of public support for the project including letters from public officials, newspaper articles, etc. Include information on specific host community and localized support and/or opposition to the project of which the bidder is aware. Provide copies of any agreements with communities and other constituencies impacted by the project. Provide a stakeholder map and a plan for community engagement activities and targeted stakeholder outreach.

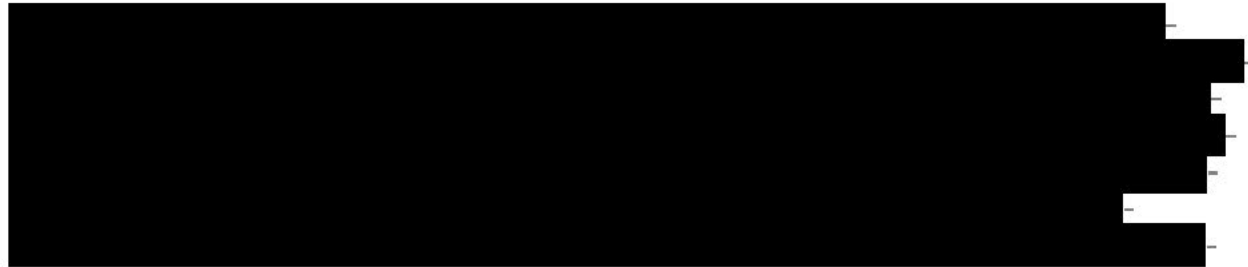
[REDACTED] *has had ongoing conversations with various stakeholders throughout their development of the Project, including community members, unions and government officials that are supportive of the Project. Please refer to Attachment 7.10 Community Outreach Log for further information about their engagement and Attachment 8.7 – Letters of Support.*

[REDACTED]

Section A-8: Safety Plan

8.1 Please attach a detailed safety plan that demonstrates compliance with all relevant federal, state, and local laws, codes, and standards.

As the Facility is still in mid-stage development without final equipment selection a thorough and complete site safety plan is not possible at this time. However, the Bidder has thorough experience with successful permitting, construction, and operation of code-compliant BESS systems throughout the United States. A draft site safety plan is included as Attachment 8.1 – Safety Plan.



The Ward Hill BESS Facility is designed to comply with all applicable federal, state, and local regulations, including:

- *NFPA 855 – Standard for the Installation of Stationary Energy Storage Systems*
- *UL 9540 / UL 9540A – Safety standards for energy storage systems and thermal runaway testing*
- *OSHA 29 CFR 1910 – General industry safety and health standards*
- *Massachusetts Fire Code (527 CMR) – Requirements for fire protection and emergency response*
- *EPA Spill Prevention, Control, and Countermeasure (SPCC) – Environmental safeguards for hazardous materials*
- *Local Building and Electrical Codes – Compliance with Haverhill municipal requirements*

Please see Attachment 8.1 - Safety Plan for more detailed information.

8.2 Please include a discussion on incident preparedness and address all steps the project has taken to avoid potential safety issues, mitigate safety issues when they occur, and protect property, personnel, and the surrounding community.

The Ward Hill site employs CATL EnerX 5.28MWh lithium-ion battery modules, which are housed in steel ISO containers. These containers are equipped with integrated fire suppression systems and explosion venting mechanisms to enhance safety. Each container features a clean

agent suppression system, such as NOVEC 1230 or its equivalent, which is activated by smoke detection and interlocked with the HVAC system to ensure shutdown during fire events. To manage pressure release in the event of thermal runaway or explosion, deflagration panels are installed within the enclosures.

The entire site will be monitored continuously by a Remote Operations Center (ROC), which oversees environmental conditions, system alarms, and performance metrics. Equipment will be mounted on elevated concrete pads surrounded by gravel, a design choice that helps mitigate fire spread and manage stormwater runoff effectively.

Operational safety protocols at the site include strict access control measures. The perimeter will be secured with fencing and locked gates, and entry will be limited to authorized personnel and escorted emergency responders. Preventive maintenance will be carried out regularly by trained technicians to maintain system integrity and detect anomalies early. All staff and contractors receive comprehensive training on hazard identification, emergency procedures, and the proper use of personal protective equipment.

In terms of hazard mitigation and emergency response, the site will utilize thermal imaging and gas detection technologies to identify signs of overheating or gas release before personnel enter the area. Audible and visual alarms will be programmed to trigger immediate evacuation and alert emergency services. Emergency shutdown procedures involve E-stop circuits that isolate battery racks, DC disconnects, and medium-voltage breakers. Due to the risks associated with stranded energy, only trained personnel are permitted to perform battery isolation.

Fire suppression will be managed defensively using water fog applied from a safe distance, as Class D extinguishers are unsuitable for lithium-ion battery fires. Upon detection of smoke, bulging, or hissing from battery enclosures, personnel are required to evacuate and maintain a 25-foot safety perimeter around the affected area.

Coordination with emergency responders is a key component of the site's safety strategy. Local fire departments are provided with site-specific response guides and participate in familiarization tours to understand the layout and hazards. During emergency events, responders receive a Response Notebook containing detailed site information, hazard profiles, and mitigation procedures. The ROC supports these efforts by providing real-time updates and guidance throughout the incident.

8.3 Please describe plans and measures to operate the facility safely, including but not limited to monitoring and maintenance procedures, mitigation features and potential failure modes.

Please refer to Attachment 12.1 - O&M Plan and Attachment 8.1 - Safety Plan for information related to plans and measures to operate the facility safely.

8.4 Please describe consequences resulting from various levels of potential failures and safety events.

In the event of a minor incident, such as localized overheating, the consequence would typically involve a temporary shutdown of the affected module without any fire or gas release. The Remote

Operations Center (ROC) would alert the maintenance team, who would then isolate and inspect the module to ensure safety and restore functionality.

For a moderate incident, such as the release of smoke or gas, the site would be evacuated and the fire suppression system activated due to the potential exposure risk. Emergency services would be notified immediately, defensive suppression measures would be initiated, and the site would be secured to prevent further escalation.

In the case of a severe incident, such as a fire or explosion, the consequences could include considerable damage to equipment, risks to personnel and property, and potential environmental impact. A full emergency response would be activated, with the fire department taking the lead in suppression efforts while the ROC coordinates containment and recovery operations.

Should a catastrophic failure occur, such as a multi-container thermal runaway, the result would be a widespread system failure with possible impacts extending to the surrounding community and triggering a regulatory investigation. In response, emergency management protocols would be fully activated, the site would be shut down, and a comprehensive incident investigation and remediation process would be initiated.

8.5 Please discuss intentions to continuously improve the safety practices while operating the facility, such as plans for regular safety audits and feedback mechanisms.

The system will be designed with multiple layers of safety, including both active and passive barriers (e.g., BMS, fire suppression, deflagration vents). All fire and gas detection equipment must be maintained and inspected at regular intervals in accordance with NFPA 72 and NFPA 25. Inspections will be conducted by licensed and trained fire protection contractors.

This implies a structured, recurring audit process to ensure compliance and operational readiness. The Battery Management System (BMS) and Energy Management System (EMS) continuously monitor and log operational data, including Cell/module temperatures, voltage and current levels, and alarm and fault conditions.

This data will be transmitted to a 24/7 Remote Operations Center (ROC), which can be used to analyze trends, identify anomalies, inform future design, and operational improvements.

8.6 Please describe reporting protocols, both internally and externally.

Reporting protocols are defined for both internal and external stakeholders. Internally, the BMS and EMS generate alerts and logs that inform the system owner/operator of any fault conditions or abnormal behavior. These systems can initiate shutdowns and isolate faults autonomously, ensuring that incidents are contained and documented. Externally, the fire alarm control panel and central station are notified in the event of a system failure, ensuring that emergency services are alerted promptly. Any failures in detection systems send trouble signals to the fire alarm panel, and the Battery Control Unit (BCU) provides alarms for other system failures within the module.

Please see Attachment 8.1 - Safety Plan for more detailed information.

8.7 The project is encouraged to include testimonials and statements of support from local governments and first responder organizations to demonstrate robust stakeholder communication and participation in the project's safety plan.

Please see Attachment 8.7 - Letters of Support for examples of support from local stakeholders.

Section A-9: Engineering and Technology; Commercial Access to Equipment

This section includes questions pertinent to the engineering design and project technology. This section must be completed for all aspects of a project including but not limited to the Energy Storage System and associated operational plan and interconnection facilities. Bidders should provide information about the specific technology or equipment including the track record of the technology and equipment and other information as necessary to demonstrate that the technology is viable.

9.1 Provide a reasonable but preliminary engineering plan which includes the following information:

- i. Type of energy storage technology (e.g., mechanical, chemical, thermal) and the specific details of the energy storage technology and how it works

CATL ENERX 5.28MWh lithium iron phosphate technology (LFP) battery. Lithium iron phosphate batteries have four key components: iron phosphate cathode, graphite anode, plastic separator, and a liquid electrolyte. Charging the battery moves ions from the cathode to the anode and then through an external circuit to store energy. Discharging reverses the process of moving electrons back through the electrolyte to the cathode generating an electrical current. The separator is present to ensure that the cathode and anode don't touch ensuring all movement of ions is through the electrolyte not physical contact.

Bidder is also strongly considering a domestic Samsung battery fully compliant with the new OBBA FEOC requirements. Please see Attachments 9.1.1 and 9.1.2 for more complete specifications of the proposed batteries. Please see Attachment 7.1 – Site Plan for the draft site plan.

- ii. Major equipment to be used including the components of the energy storage technology itself and surrounding system (e.g., inverter, enclosures, HVAC, meters, electrical and communication equipment, fire suppression).

Please see Attachment 9.1.3 for more information on the fire suppression system. Details on other major equipment is included below in Section 9.2

- iii. Manufacturer of each of the equipment components listed above as well as the location of where each component will be manufactured.

Battery Module: CATL ENERX LFP Battery Module (or similar) - manufacture location to be determined

Inverter: Sungrow 5000MV PCS (or similar) - manufacture location to be determined

Generator Transformer: Fortune Electric (or similar) - manufacture location to be determined

- iv. Status of acquisition of the equipment components, including whether orders are in place and/ or production slots secured

Equipment components are not yet procured for this Project.

- v. Whether the bidder has a contract for the equipment. If not, describe the bidder's plan for securing equipment and the status of any pertinent commercial arrangements

The Bidder maintains strong relationships with the top equipment manufacturers in the industry and will procure equipment when the Facility is at a more advanced stage of development following permitting of the Facility. Key equipment will be procured by the Bidder and the contractor selected to construct the Facility. Please see Attachment 10.1 – Project Schedule for more information regarding equipment procurement and contracting.

- vi. Equipment vendors selected/considered

The Bidder has established relationships and vendor supply agreements with multiple equipment manufacturers and distributors. Equipment manufacturers have tentatively been selected but are subject to further consideration. Tentative list of suppliers includes, CATL ENERX or Samsung E5SU batteries, Sungrow, SMA or TMEIC inverters, Fortune Electric or WEG GSUs.

- vii. Track record of equipment operations, including safety record

CATL states its energy storage systems (ESS) have a zero-accident record in over 1,000 global projects, as of June 2025. The company emphasizes safety through product design, rigorous testing, and an intelligent early warning system to monitor operational status and predict potential failures.

Samsung SDI has a safety record marked by significant safety achievements such as meeting the UL 9540A fire prevention standard for Energy Storage Systems (ESS) in 2019 and maintaining a 15-year zero-defect record for automotive prismatic batteries.

- viii. Include all UL certifications and other relevant industry codes and standards for key equipment including but not limited to storage modules, power conversion system, and/or integrated product certifications

Please refer to Attachments 9.1.1 and 9.1.2 for specifications.

- ix. Description of equipment warranties and guarantees, including terms and expiration

Bidder has strong relationships and vendor supply agreements with many battery manufacturers and distributors. The exact equipment will be procured closer to NTP, however, typical expected standard warranty is 36 months after batteries are received with an option to extend through five years. Typically, Flexible Performance Guarantees are incorporated for 240 months. Inverters are typically warrantied for 15 years.

- x. If the equipment manufacturer has not yet been selected, identify in the equipment procurement strategy the factors under consideration for selecting the preferred equipment

The Bidder has established relationships and vendor supply agreements with multiple equipment manufacturers and distributors. [REDACTED]

- 9.2 If the bidder has not yet selected the major equipment for a project, please provide a list of the key equipment suppliers under consideration.

Please see Section 9.1.6 for information regarding other key equipment suppliers under consideration.

- 9.3 Please identify the same or similar equipment by the same manufacturer that are presently in commercial operation including the number installed, installed capacity and estimated generation for the past three years.

CATL, the world's largest battery manufacturer, has a strong global track record, with deployments exceeding 10 GWh across 1700 projects globally, including approximately 47GWh deployed over the last 3 years. The EnerX system has been successfully implemented in large-scale projects like the 1.25 GWh Oasis de Atacama in Chile and across U.S. markets via partnerships with FlexGen and Broad Reach Power. These projects demonstrate its proven reliability, scalability, and bankability for long-term clean energy integration.

Proven examples:

- *Broad Reach Power in Texas: Procuring 900 MWh of CATL-based storage across six projects, scaling similar configurations across regions*
- *Southern California Edison: Commissioned over 2.1 GWh of CATL systems in multiple utility-scale installations*

- 9.4 For less mature technologies or equipment, provide evidence (including identifying specific applications) that the technology or equipment to be employed for energy production is ready for transfer to the design and construction phases. Also, address how the status of the technology or equipment is being considered in the financial and permitting plans for the project. Provide the status of testing/ qualification for any equipment in development.

The Bidder is not contemplating less mature technologies or equipment. [REDACTED]

- 9.5 Please indicate if the bidder has a full and complete list of equipment needed for all physical aspects of the bid, including the Energy Storage System and all equipment required for the System to fulfill its operational plan, and mandatory and voluntary transmission system upgrades. Include OEM-supplied data sheets for all equipment. If bidder does not have a full and

complete list of equipment, identify the areas of uncertainty and when the full and complete list of equipment will be identified.

The Facility is in mid-stage development and does not have a final design or full list of equipment needed.

A full list of equipment is anticipated to be available in Q2 2026 following success permitting of the Facility and Contractor selection.

9.6 Please indicate if the bidder has secured its equipment for all physical aspects of the bid, including the Energy Storage System and all equipment required for the System to fulfill its operational plan, and mandatory and voluntary transmission system upgrades. If not, identify the long-lead equipment and describe the timing for securing this equipment.

The Bidder has not yet procured equipment for construction and operation of the Facility. The Bidder maintains a large pipeline of battery energy storage projects and strategic partnerships with equipment providers to mitigate risk of long lead times impacting project success.

Section A-10: Project Schedule

A bidder must demonstrate that its proposal can be developed, permitted, financed, and constructed and be technically viable within a commercially reasonable timeframe. The bidder is required to provide sufficient information and documentation that shows that the bidder's resources, process and schedule are adequate for the acquisition of all rights, permits and approvals for all aspects of the project and for the financing of the project consistent with the proposed project milestone dates.

Bidders are required to provide a complete critical path schedule for the project from the notice of selection of the project for contract consideration to the start of commercial operations. For each project element, list the start and end date. The proposal must include a schedule with reasonable detail that demonstrates that the bidder has provided sufficient time for the application for, and receipt of, necessary permits, approvals, other commitments, project financing, completion of design work, and equipment procurement and construction in order to credibly complete the project reasonably consistent with the proposed Commercial Operation Date, meaning that the project is more likely than not to come online by the date that is projected within the proposal. The bidder should include critical milestones in its markup to the Form LTC that are consistent with its proposal and are reasonably achievable.

10.1 Identify the elements on the critical path. The schedule should include, at a minimum, preliminary engineering, financing, acquisition of real property rights, Federal, state and/or local permits, licenses, environmental assessments and/or environmental impact statements (including anticipated permit submittal and approval dates), completion of interconnection studies and approvals, procurement, facility contracts, start of construction, construction schedule, and any other requirements that could influence the project schedule and the commercial operation date.

Please see Attachment 10.1 - Project Schedule.

10.2 Describe and demonstrate that the project is more likely than not to come online by the commercial operation date that is projected within the proposal, as evidenced by documents filed by the bidder showing the following:

- i. Commencement of permitting processes;
- ii. A plan for completing all permitting processes;
- iii. Environmental assessment;
- iv. Viable financing plans along with detailed information requested in Section 2.2.2.4;
- v. Viable installation and electrical interconnection plans;
- vi. Material progress towards the acquisition of all real property rights; and
- vii. Evidence of material vendor activity.

Please see Attachments 5.3 – Financing Plan, 7.2 – Real Property Documentation, 7.7 – Permitting Matrix, 7.8 – Permitting Timeline, and 10.1 – Project Schedule, for documentation that addresses the above items.

10.3 Detail the status of all critical path items, such as receipt of all necessary siting, environmental, and ISO-NE approvals.

Please see Attachment 10.1 – Project Schedule for information related to the critical path items.



Section A-11: Construction and Logistics

This section of the proposal addresses necessary arrangements and processes for assembly, and deployment of major project components, including the Energy Storage System and all equipment required for the system to fulfill its operational plan, and other major components associated with delivery facilities. Please provide a construction plan that captures the following objectives:

11.1 Please list the major tasks or steps associated with deployment of the proposed project and any necessary specialized equipment.

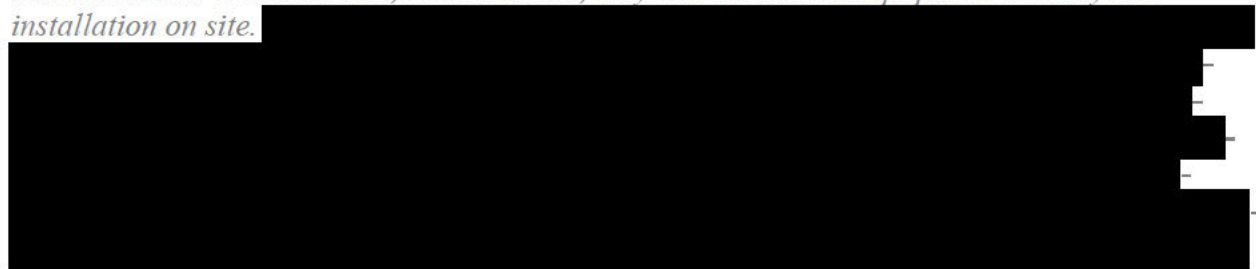
Please see Attachment 7.1 - Site Plan and Attachment 10.1 - Project Schedule for details on construction timing and sequencing.

11.2 Please describe the proposed approach for staging and deployment of major project components to the project site.

Please see Attachment 7.1 - Site Plan and Attachment 10.1 - Project Schedule for details on construction timing and sequencing.

11.3 List the party (e.g. the bidder, or equipment/service providers under contract to the bidder) responsible for each deployment activity and describe the role of each party. Describe the status of bidder's contractual agreements with third-party equipment/service providers.

Final equipment selection is ongoing for this project. The Bidder maintains strong relationships with several EPC contractors; once selected, they will oversee all equipment delivery and installation on site.



Please see Attachment 7.1 - Site Plan and Attachment 10.1 - Project Schedule for details on construction timing and sequencing.

Section A-12: Operations and Maintenance

Projects that can demonstrate that the operation and maintenance (“O&M”) plan, level of funding, and mechanism for funding will ensure reliable operations of all aspects of the project during the term of the contract are preferred.

12.1 Provide an O&M plan for the project that demonstrates the long term operational viability of the proposed project. The plan should include the location of the O&M base, a discussion of the staffing levels proposed for the project, the expected role of the project sponsor or equipment manufacturer/outside contractor, scheduling of major maintenance activity, and the plan for testing equipment.

[REDACTED]

Please see Attachment 12.1 - O&M Plan for a complete outline of the bidder's O&M qualifications.

12.2 Describe in detail the proposed O&M funding mechanism and funding levels to support planned and unplanned O&M requirements.

[REDACTED]

Please see Attachment 12.1 - O&M Plan for additional information.


12.3 Describe the terms (or expected terms) of the warranties and/or guarantees on major equipment that the bidder is utilizing or proposing to utilize.

Bidder has strong relationships and vendor supply agreements with many battery manufacturers and distributors. Exact equipment will be procured closer to NTP, however, typical expected standard warranty is 36 months after batteries are received with an option to extend through five years. Typically, Flexible Performance Guarantees are incorporated for 240 months.

Bidder has strong relationships and vendor supply agreements with many GSU manufacturers and distributors. The exact GSU will be purchased closer to construction start – typical standard GSU warranties are 5 years from commissioning.

12.4 Describe the status of the project sponsor in securing any O&M agreements or contracts. Include a discussion of the sponsor's plan for securing a medium-term or long-term O&M contract, including the expected provider of O&M services.

[REDACTED]



12.5 Provide examples of the bidder's experience with O&M services for other similar projects.

Please see Attachment 12.1 - O&M Plan for a complete outline of the Bidder's O&M qualifications.

Section A-13: Project Management and Experience

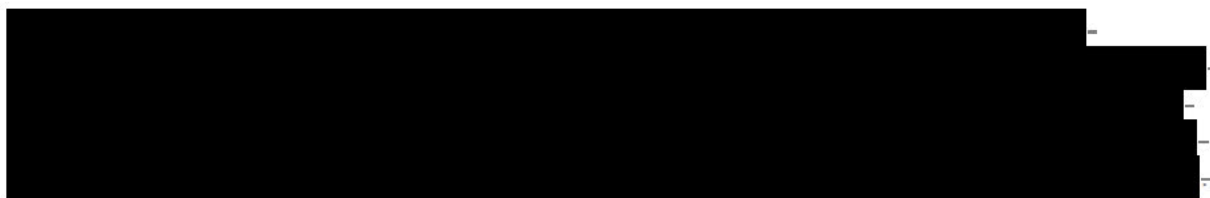
Bidders are required to demonstrate project experience and management capability to successfully develop and operate all aspects of the project proposed. The Evaluation Team is particularly interested in project teams that have demonstrated success in projects of similar type, size and technology and can demonstrate an ability to work together effectively to bring the project to commercial operation in a timely fashion.

13.1 Provide an organizational chart for the project that lists the project participants and identifies the corporate structure, including general and limited partners.



13.2 Provide statements that list the specific experience of the bidder and each of the project participants (including, when applicable, the bidder, partners, and proposed contractors), in developing, financing, owning, and operating generating and delivery facilities, other projects of similar type, size and technology, and any evidence that the project participants have worked jointly on other projects.





13.3 Provide a management chart that lists the key personnel dedicated to this project and provide resumes of the key personnel. Key personnel of the bidder's development team having substantial project management responsibilities must have:

- i. Successfully developed and/or operated one or more projects of similar size or complexity or requiring similar skill sets; and
- ii. Experience in financing power generation projects (or have the financial means to finance the project on the bidder's balance sheet).

Please see Attachment 5.3 – Financing Plan to understand the Bidder's experience in financing projects

Please see Attachment 13.3 – Management Chart & Resumes to understand the key personnel dedicated to the Project.

13.4 Provide a listing of all projects the project sponsor has successfully developed or that are currently under construction. Provide the following information as part of the response:

- i. Name of the project
- ii. Location of the project
- iii. Project type, size, and technology
- iv. Commercial operation date
- v. Availability factor of the project for the past three years

- vi. Safety record
- vii. References, including the names and current addresses and telephone numbers of individuals to contact for each reference.

[REDACTED]

13.5 With regard to the bidder's project team, identify and describe the entity responsible for the following, as applicable:

- i. Construction Period Lender
- ii. Operating Period Lender and/or Tax Equity Provider
- iii. Financial Advisor
- iv. Environmental Consultant
- v. Facility Operator and Manager
- vi. Owner's Engineer
- vii. Transmission/Delivery Consultant
- viii. Legal Counsel

Please refer to Attachment 5.3 – Financing Plan for information regarding potential lenders.

[REDACTED]

Please refer to Attachment 12.1 – O&M Plan for more information regarding facility operators and managers.

[REDACTED]

[REDACTED]

[REDACTED]

13.6 Describe the experience and expertise of the bidder and project team needed to

successfully develop, finance, construct, and operate and maintain its proposed eligible project on schedule and according to the bidder's commitments to a competitive procurement process. Describe the Bidder's continuity of corporate management through successful project development.

Please see Section 13.2, Attachment 13.3 – Management Chart & Resumes, and Attachment 13.4 – Project Experience for information regarding the Bidder's experience, expertise, and successful project development.

13.7 Describe the Bidder's track record developing similar projects, including consideration of any project delays, amendments, defaults, and performance issues, including on prior long-term contracts. Describe any prior failures to achieve commercial operation dates under other contracts and provide a credible description of how the current proposed project will avoid similar project delays or development issues if applicable.

[REDACTED]

13.8 Describe the bidder's relevant experience supporting similar projects in a state or federal regulatory or judicial forum. This experience can be established with examples of one or more key member(s) of the development team advocating in favor of a similar project in a regulatory proceeding, before a court, or in another tribunal.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

13.9 If the bidder or any of its past or present affiliates has either (1) been involved with a complex development project that failed, was withdrawn, or otherwise did not proceed, or (2) defaulted under, or agreed to terminate a contract for a complex development project, then the bidder should provide relevant details.

The Bidder does not have any relevant details to provide at this time.

Section A-14: Economic Development and Employment Benefits, Transitioning Fossil Fuel Communities, Benefits to Low Income Ratepayers and Environmental Justice Communities, and Other Benefits

14.1 Please provide an estimate of the number of jobs to be created directly during project development and construction, and during operations, and a general description of the types of jobs created, duration of employment, estimated annual compensation, the employer(s) for such jobs, and the location. Employment impacts should be broken out by state and the region as a whole and highlight any impacts in economically distressed areas, including former fossil fuel communities. Please treat the development, construction, and operation and maintenance periods separately in your response. All information provided must be measurable.

It is anticipated that to construct a 310MW standalone storage facility, there will be approximately 200 jobs created during development and construction. During construction, some of the jobs created are shown in the table below and they would last approximately 12-18 months. To the extent possible, the Bidder will use commercially reasonable efforts to source local labor from within Massachusetts. As a partner to the communities in which we develop, own, and operate projects, we are consistently seeking opportunities to support economically distressed areas and former fossil fuel communities.

<i>Job Title</i>	<i>Estimated Annual Compensation</i>
<i>Electrician</i>	████████
<i>Field Engineer</i>	████████
<i>Laborer</i>	████████

During operations, it is anticipated that 2-4 full time jobs are created to maintain the facility for the life of the project. For this proposal, we assume that the project life is 20 years and therefore the jobs will continue through this duration. These job titles and estimated annual compensation are shown below:

<i>Job Title</i>	<i>Estimated Annual Compensation</i>
<i>Technician</i>	████████


14.2 Please describe employment opportunities for members of federally recognized and state acknowledged tribes in the Commonwealth, workers from low-income communities and certified minority-owned and women-owned small business enterprises in the Commonwealth,

as well residents of any Environmental Justice neighborhoods impacted by the project.

The Bidder understands the importance of providing employment opportunities for federally recognized and state acknowledged tribes in the Commonwealth, workers from low-income communities and certified minority-owned and women-owned small business enterprises in the Commonwealth, as well residents of any Environmental Justice neighborhoods impacted by the project. The Bidder intends to host local career and job fairs to attract employment from these groups.

14.3 Please describe project support for workforce harmony and community benefits through Community Benefits Agreements and workforce agreements with appropriate labor organizations for construction, renovation, reconstruction, alteration, installation, demolition, expansion, maintenance and repair, if applicable.

The Bidder is committed to being a partner to the communities in which we develop, own, and operate. Currently, there are ongoing discussions regarding a Host Community Agreement and conversations with the local unions.



14.4 Please describe the status of any contractual commitments with respect to direct job creation and provide any pertinent agreements that have been executed, if applicable.

Currently, there are no contractual commitments with respect to direct job creation or any executed agreements. The Bidder intends to collaborate with the local unions and host local career and job fairs to attract local labor. Bidder and chosen EPC will collaborate to identify and utilize as much local labor as practicable.

14.5 Please describe any plans to meet federal domestic content and labor requirements in order to maximize federal tax credits available to the project under the Inflation Reduction Act (IRA).



14.6 Please describe and quantify any other economic activity or development expected to result directly from the proposed project. Impacts should be broken out by state and the region as a whole and highlight any impacts in economically distressed areas or former fossil fuel communities. Direct economic activity/development will be evaluated based on scale relative to project size, credibility and firmness. Preference will be given to commitments that secure long-term benefits; begin to provide benefits during project development, construction, installation, and the first five years of operations; direct benefits to Environmental Justice populations and

host communities.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

14.7 Please demonstrate any benefits to low-income ratepayers in the Commonwealth and describe how the project minimizes and mitigates, to the extent feasible, ratepayer impacts. Benefits to low-income ratepayers may include, but are not limited to, projects that reduce the energy burden for low-income ratepayers through energy efficiency or renewable energy upgrades; direct funding of rate relief through grant programs, support of existing community programs or other funding opportunities. Describe the impact, if any, those benefits will have on

the cost to the project.

The Project directly supports objectives of the RFP by delivering grid reliability and equity-driven benefits. The Project will help lower wholesale energy cost by reducing peak demand, mitigating congestion, and enabling higher penetration of renewable energy. These impacts support long-term price stability and can help reduce the energy burden for low-income ratepayers across the Commonwealth.

In addition to cost impact, the Bidder is committed to delivering benefits to low-income communities, including potential funding for local programs, workforce training, and will use reasonable efforts to hire from environmental justice communities.

At this time, we do not have formal agreements in place, but we will pursue partnerships and will work collaboratively with local organizations and stakeholders to ensure the delivery of meaningful benefits to low-income and environmental justice communities.

14.8 Please describe benefits to transitioning fossil fuel communities, including how the community can be described as a fossil fuel community, including but not limited to hosting fossil fuel infrastructure such as fuel storage, delivery facilities, or fossil fuel generation facilities.

This Project is not located in a transitioning fossil fuel community.

14.9 Please provide a diversity, equity and inclusion plan that includes a Workforce Diversity Plan and the Supplier Diversity Program Plan as outlined in Section 2.2.2.13 of the RFP.

[REDACTED]

[REDACTED]

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[REDACTED]

14.10 Please describe the strategy and mechanisms to track and report on any applicable commitments, including progress in achieving promised employment and economic benefits and the goals in the diversity, equity and inclusion plan, based on the template provided in the Form MOU with DOER and any other supplemental plans for tracking and reporting.

[REDACTED]

14.11 Please provide a marked version of the Form MOU with DOER for this solicitation showing any specific proposed changes to the Form MOU. Bidders are discouraged from proposing any material changes or conditions to the Form MOU and any such changes will be considered in the Stage Two Qualitative Evaluation.

The Bidder is not recommending any proposed changes to the Form MOU at this time.

14.12 Please propose a strategy plan to track and report on the status of environmental justice impacts, and engagement and employment (training, recruitment and hiring goals) opportunities, based on the template provided in the Form MOU with DOER and any other supplemental plans for tracking and reporting.

[REDACTED]

[REDACTED]

14.13 Please describe experience with stakeholder engagement showing demonstrated past and current productive relationships with environmental, commercial and residential stakeholders, federally recognized and state acknowledged tribes, Environmental Justice, and track record of avoiding, minimizing, and mitigating environmental, tribal, environmental justice, and onshore impacts from projects similar to the proposed project.

[REDACTED]

14.14 Please describe extent to which the project demonstrates that it avoids, minimizes, or mitigates, to the maximum extent practicable, environmental impacts. Preliminary characterization of the potential environmental impacts facility and other infrastructure from pre-construction through the duration of the project.

To the maximum extent practicable, the Bidder will design the site to avoid, minimize, or mitigate environmental impacts. The current design will continue to be optimized as the Bidder moves towards NTP and will continue to avoid or minimize impacts to the maximum extent practicable. Please refer to Section 7 and associated attachments for further information regarding potential environmental impacts.

14.15 Please describe extent to which the project demonstrates that it avoids, minimizes, or mitigates, to the maximum extent practicable, negative impacts on Environmental Justice populations and host communities, and extent to which the project directs positive benefits from the project to those communities.

To the maximum extent practicable, the Bidder has sited the Project to avoid any negative impacts on EJ populations and host communities. This project site was selected, in part, due to its ability to provide power into the Boston area, without negatively impacting EJ communities in closer proximity to the City. Other possible locations that were considered for project proposals were in EJ communities, such as East Boston, Revere, Methuen, and Lawrence, will benefit from the increased reliability and cleaner air that result from the project, without directly hosting the project facilities. As discussed in the site control section, the Bidder will relocate the facility at the request of the City of Haverhill, displaying our commitment to accommodating the host communities' desires.

Section A-15: Exception to Form Long-Term Contract

Please attach an explanation of any exceptions to the Form Long Term Contract set forth in Appendices B-1 and B-2. Comments to the proposed Form Long-Term Contract must include any specific alternative provisions in a redline format to the Form Long-Term Contract.

Bidders are discouraged from proposing material changes to the Form Long-Term Contract

Please see Attachment 15.1 – Issues List for comments related to the Form Long-Term Contracts.