



BLUEWAVE

Section 83E Round 2 Request for Proposal PUBLIC Submission for Swansea 921 Wood Street Storage

Prepared For:

Massachusetts Department of Energy
Resources

Electric Distribution Companies:

Fitchburg Gas & Electric Light Company
d/b/a Unitil

Massachusetts Electric Company and
Nantucket Electric Company, each d/b/a
National Grid

NSTAR Electric Company d/b/a
Eversource Energy

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Section A-1: Certification, Project, and Pricing

The Certification, Project and Pricing Data (“CPPD”) document is a Microsoft Excel workbook that is provided on the website at www.MACleanEnergy.com. Each Transmission Project and Distribution Project submitted by bidder must include a unique, accompanying CPPD document.

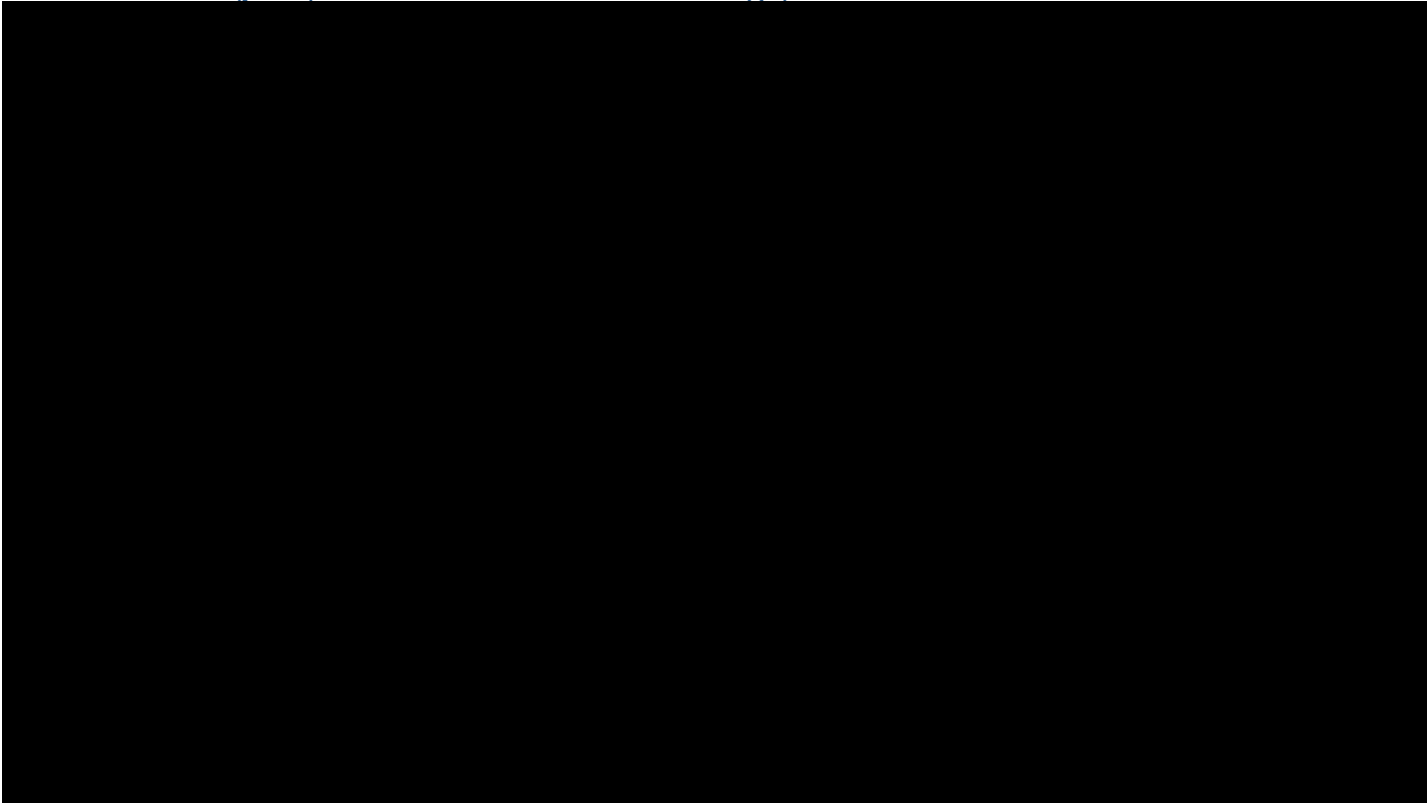
Swansea: Please refer to file named *Swansea 921 Wood St Storage – 83eii_cppd_final*.

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 (if applicable), energy storage technology to be deployed, commercial operation date, pricing (e.g., \$/CPEC, \$/environmental attribute, \$/MWh), etc. is encouraged. Bidders submitting multiple Transmission Projects or Distribution Projects must provide an executive summary for each project.

This bid package consists of four coordinated submission documents: one Portfolio Bid Response Form containing materials common to all three projects, and three project-specific Bid Response Forms for the Newburyport, Swansea, and Acton Projects. Consistent with Section 1.7.3 of the RFP, each Project is submitted for separate evaluation, while shared bidder and organizational information is provided once in the portfolio submission.

Swansea Project (Swansea 921 Wood St Storage)



Proposal Summary MA Swansea Wood St Storage	
Project Location	921 Wood St, Swansea, MA 02777
Interconnection Location	
Capacity (MWac)	



Duration (hours)	
Projected Annual Average CPECs or EAs	
Energy Storage Technology	
Commercial Operation Date	
Pricing (\$/CPEC)	

Section A-3: Operational Parameters and Operational Schedule

Please answer the following questions in Section A-3 for each Transmission Project and Distribution Project being bid. If developing the project in phases, please break out information for each phase.

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

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.

[Redacted response area for 3.2]

3.3 Describe the location of the Energy Storage System, in terms of:

i. The anticipated interconnection point

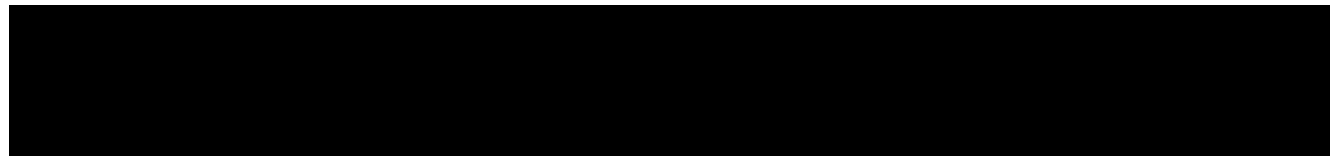
[Redacted response area for 3.3.i]

ii. The value of the relative proximity of the system to large loads and/or any clean energy generation facility, including any decreased risk of curtailment and/or deferred investment for the generation facility

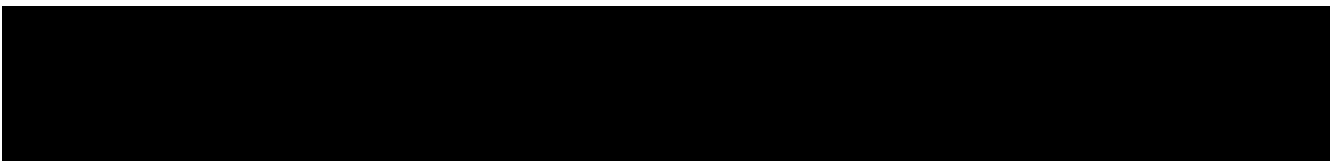
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With respect to renewable generation facilities, there are two solar facilities in the immediate

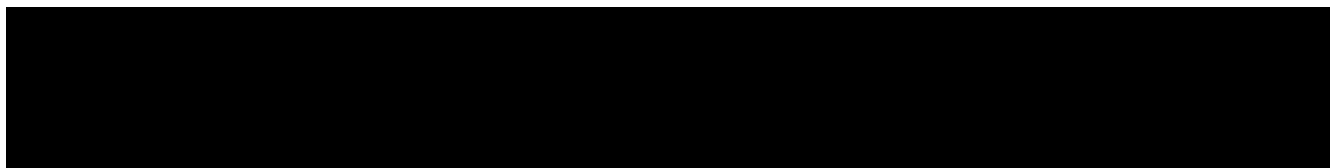
vicinity of the Swansea Project: A 2.25 MW solar facility located off of Wood Street approximately .27 miles to the southeast, and a 0.8 MW solar facility located off of Oak Street approximately 0.2 miles to the northeast. Within 10 miles, there are additional solar PV facilities to the Northeast located in the towns of Somerset and Dighton.



- iv. If the project location is in proximity to other Energy Storage Systems



- v. How the location was strategically located to maximize grid benefits and align with transmission and distribution planning priorities, such as deferring or eliminating the need for costly transmission and distribution upgrades

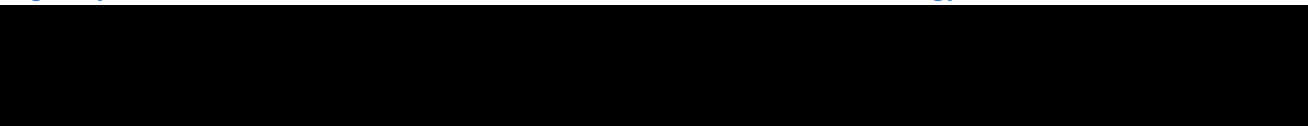


- 3.4 Describe the proposed technology and equipment manufacturer by name and model (include inverter characteristics if applicable).

The design and inverter characteristics for the Swansea Project are as follows:



- 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 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.



- 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.

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).

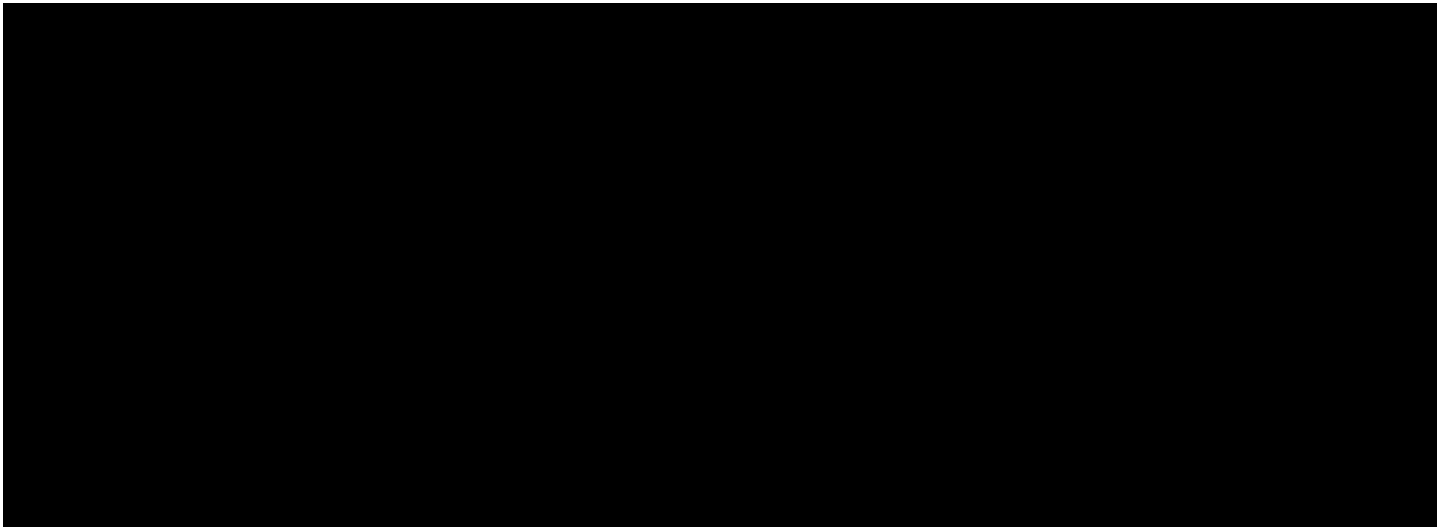
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Section A-5: Financial and Legal

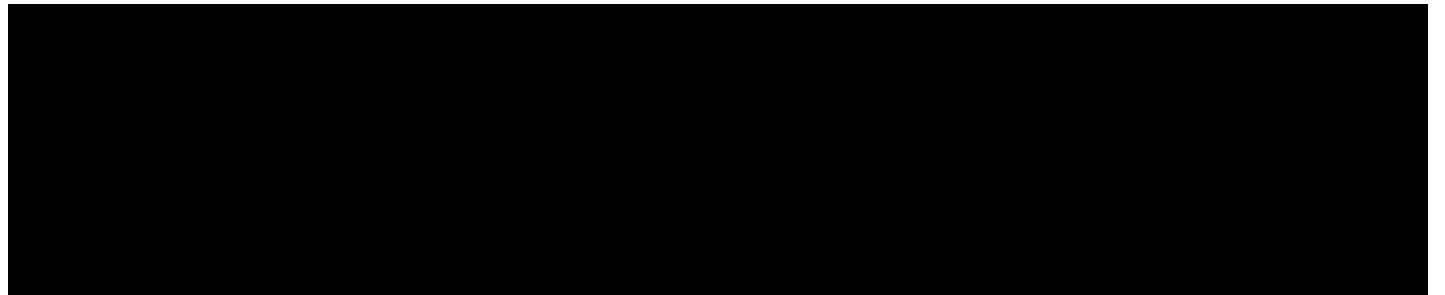
For all project-specific questions in Section A-5, if bidding in multiple Transmission Projects or Distribution Projects, please answer each question for each Transmission Project or Distribution Project being bid.

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:

iv. Estimated construction and other costs to develop and operate the project



v. The projected capital structure



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 (IRA), the Infrastructure Investment and Jobs Act of 2022, and the One Big Beautiful Bill Act (the “OBBBA”).

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 IRA and the OBBBA. Bidders must also describe plans to pursue state funding available to energy storage projects.

As part of the provisions of the OBBBA, the Bidder must describe the credibility and status of compliance with “foreign entities of concern” (FEOC) and provide compliance documentation (e.g. preparation of non-FEOC reports, certifications, or existing safe harbor provisions). In addition to describing how bidder will qualify and demonstrate initial compliance with FEOC, bidder must also provide a description of bidder’s plan to remain compliant throughout the life of the project, including but not limited to retaining effective control of the project throughout its lifecycle, to avoid any recapture of ITC.



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

The Swansea Project has received its SIS along with i.3.9/PPA approval and has fully executed and fully paid its ISA.

Section A-6: Interconnection, Deliverability, and Reliability

Please answer the following questions in Section A-6 for each Transmission Project and Distribution Project being bid:

6.1 Please provide documentation to show evidence of the interconnection request or application to ISO-NE or the applicable Distribution Company. For Transmission Projects, provide evidence of a commitment to interconnect to the ISO-NE PTF at a level equivalent to the Capacity Capability Interconnection Standard, or alternatively at the Network Resource Interconnection Standard under a Surplus Interconnection Service arrangement where the Original Interconnection Customer receives Capacity Network Resource Interconnection Service. For Distribution Projects, provide documentation describing the steps the project will take to screen for and, if applicable, establish equivalent Capacity Network Resource Capability (eCNRC) Please describe the status of any planned interconnection to the grid.

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, for Transmission Projects, will interconnect at an equivalent to the Capacity Capability Interconnection Standard or, for Distribution Projects, establish eCNRC. 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.

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

Refer to file titled **6.2.i - Swansea - I.3.9. Letter.**

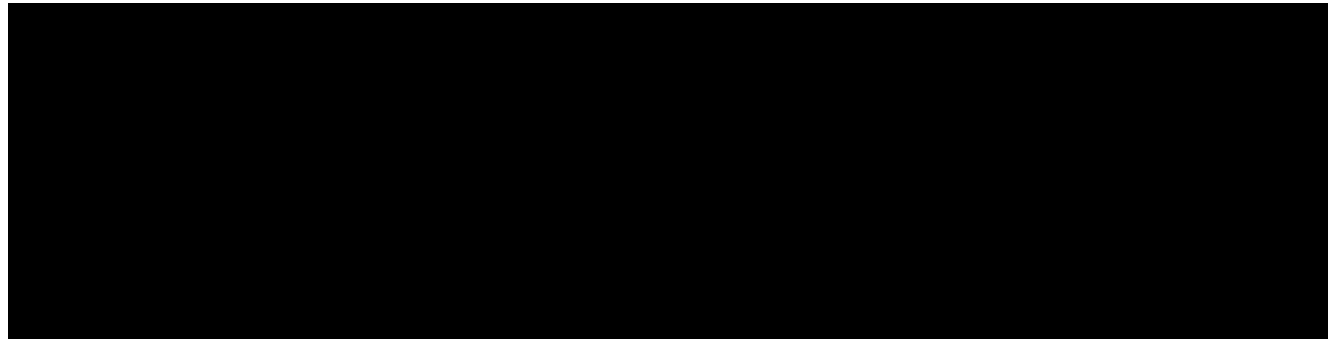
- iii. Copy of Interconnection Agreement attached: ☒ If none, please explain:

Please refer to file titled **6.2.iii - Swansea - Interconnection Agreement (ISA).**

- iv. Additionally, any other studies undertaken by ISO-NE, the Distribution Company(s), or the bidder must be provided

Refer to file titled **6.2.iv. - Swansea - System Impact Study.**

6.4 Please provide cost estimates for any and all necessary network (transmission and/or distribution) upgrades identified in the studies identified in 6.2, or otherwise known to the bidder, and any payments that have been made towards those upgrades.



6.5 Provide the electrical models for both Transmission and Distribution Projects for transmission level power flow analysis of all energy resources supporting the proposed project in accordance with the filing requirements of the ISO-NE Tariff Schedule 22 and 23. Distribution Projects should indicate the substation bus (not feeder) at which injected power is expected. NOTE: Short-circuit, stability, and PSCAD models are not required.

- i. Power flow modeling data attached: If none, please explain:



6.6 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 6.8 of this document

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

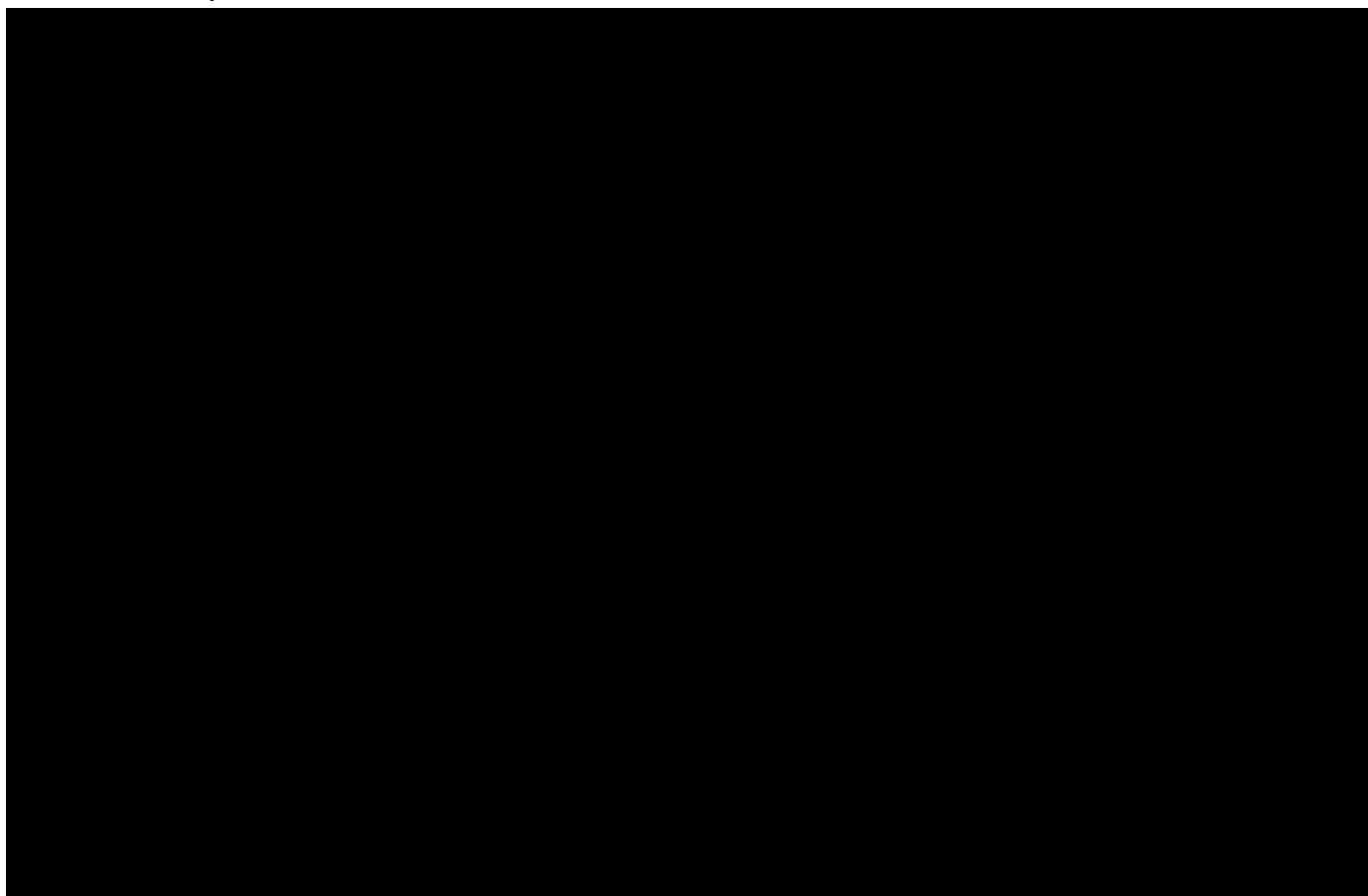
The single line diagram for the Project is attached in file **6.6.i. - Swansea - Single Line Diagram.**

This includes electrical information on the POI/PCC work listed as part of the Project's upgrades. Diagrams of network upgrades, if available, can be found in the System Impact Study provided by the Distribution Company.

6.8 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 for a Transmission Project, pursuant to interconnection at an equivalent to the CCIS. For a Distribution Project, detail any transmission or distribution upgrades expected to take place to establish eCNRC, to the extent presently known. If you are planning to make voluntary upgrades beyond those associated with the

CCIS-equivalent standard or the eCNRC, please describe the transmission and/or distribution 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 curtailment

There are no expected upgrades required to establish eCNRC beyond the upgrades required for the Swansea Project to receive Permission to Operate / Authorization to Interconnect onto the Distribution system.



Section A-7: Siting, Permitting and Community

Please answer the following questions in Section A-7 for each Transmission Project and Distribution Project being bid:

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 and distribution 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:

Please refer to the following files: (1) **7.1. - Swansea - Site Plan #1**, (2) **7.1. - Swansea - Site Plan #2**, & (3) **7.1. - Swansea – Locus Map**.

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.

- (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).

For the Ground Lease Agreement, please refer to the file titled **7.2.v. - Swansea - Lease Agreement**. Then, for the Recorded Notice of Lease and Easements, please refer to the file titled **7.2.v. - Swansea - Notice of Lease**.

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.

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

Swansea: Subdivision & MOU In Progress

Start Date: 11/14/2024

End Date: 3/12/2027

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 Swansea Project is sited on a 27.83-acre parcel that is partially farmland and has residential structures as well. Please refer to the file titled **7.5. - Swansea - Soil Map** for a map of the soils found on the property. Immediately to the North and West of the site are forested property. To the East along Oak Street and South along Wood Street are several residential lots. The proposed point of interconnection is a National Grid owned pole on Oak Street, which is approximately 500' from the Project site.

The property is zoned as RR – Residential General, along with the surrounding properties. To the South, across from Wood Street is the Business S District. BlueWave is planning on subdividing the property in order to comply with Town bylaws regarding the amount of site access points per property. Please refer to the file titled **7.5. - Swansea - Preliminary Subdivision Plan** for the Preliminary Subdivision Plan.

Please refer to the file titled **7.5. - Swansea - FEMA Flood Map** for a depiction of mapped flood zones within the vicinity of the project. BlueWave also completed an internal detailed Phase 2 flood review in December 2023; please refer to the file titled **7.5. - Swansea - Flood Review**. There are two areas on the property with potential light flood risk, however, they are easily avoidable and far from where the Project will be sited.

The Project is not located within any mapped MassDEP Zones I and II Groundwater Protection Zone.

A wetland flag survey was conducted in 2024 by Weston & Sampson, see file titled **7.5. - Swansea - Wetland Survey**. There were no wetlands identified in the potential limit of work area (a.k.a. the potential Project footprint).

An existing conditions survey was also conducted, please refer to the file titled **7.5. - Swansea - Existing Conditions Survey**.

A Geotech survey was also conducted, please refer to the file titled **7.5. - Swansea - Geotech Report**.

Please refer to the file titled **7.5. - Swansea - Permitting Assessment** for a summary of the permitting process for the Swansea Project.

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

For the Swansea Project, Bidder has site control of the land up to the point of change of ownership with National Grid.

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 and progress towards each of them to date. 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 the file titled **7.7. - Swansea - Permit Matrix**.

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.

For the Swansea Project, appropriate site diligence has been conducted thus, including:

- Geotechnical investigation
- Wetland delineation
- Site survey
- Ambient sound measurements and project sound analysis
- Additional desktop screening and diligence for cultural resources or other environmental factors

To date, no diligence carried out has indicated any factors or inability to mitigate potential project impacts to the environment or nearby residents. With respect to permits, the Project requires no non-ministerial permits, as further elaborated below.

1. Site Plan Review/Special Use Permit

2. Negative Request for Determination of Applicability (RDA) for Wetlands

On-site wetlands have been delineated, and the Project footprint is significantly setback outside of the 100-foot jurisdictional buffer zone. Therefore, the Project will not require any wetland permit or Order of Conditions to proceed. The Project will file a Request for Determination of Applicability in the Fall of 2026 to receive a Negative Determination of Conservation Commission jurisdiction.

3. Massachusetts Historical Commission (MHC) Project Notification Form

Based on desktop review, the Project will not impact any Massachusetts Historical Commission (MHC) inventoried cultural or archaeological resources. The Project submitted a Project Notification Form in March 2024 and received no notification or request for further action from MHC.

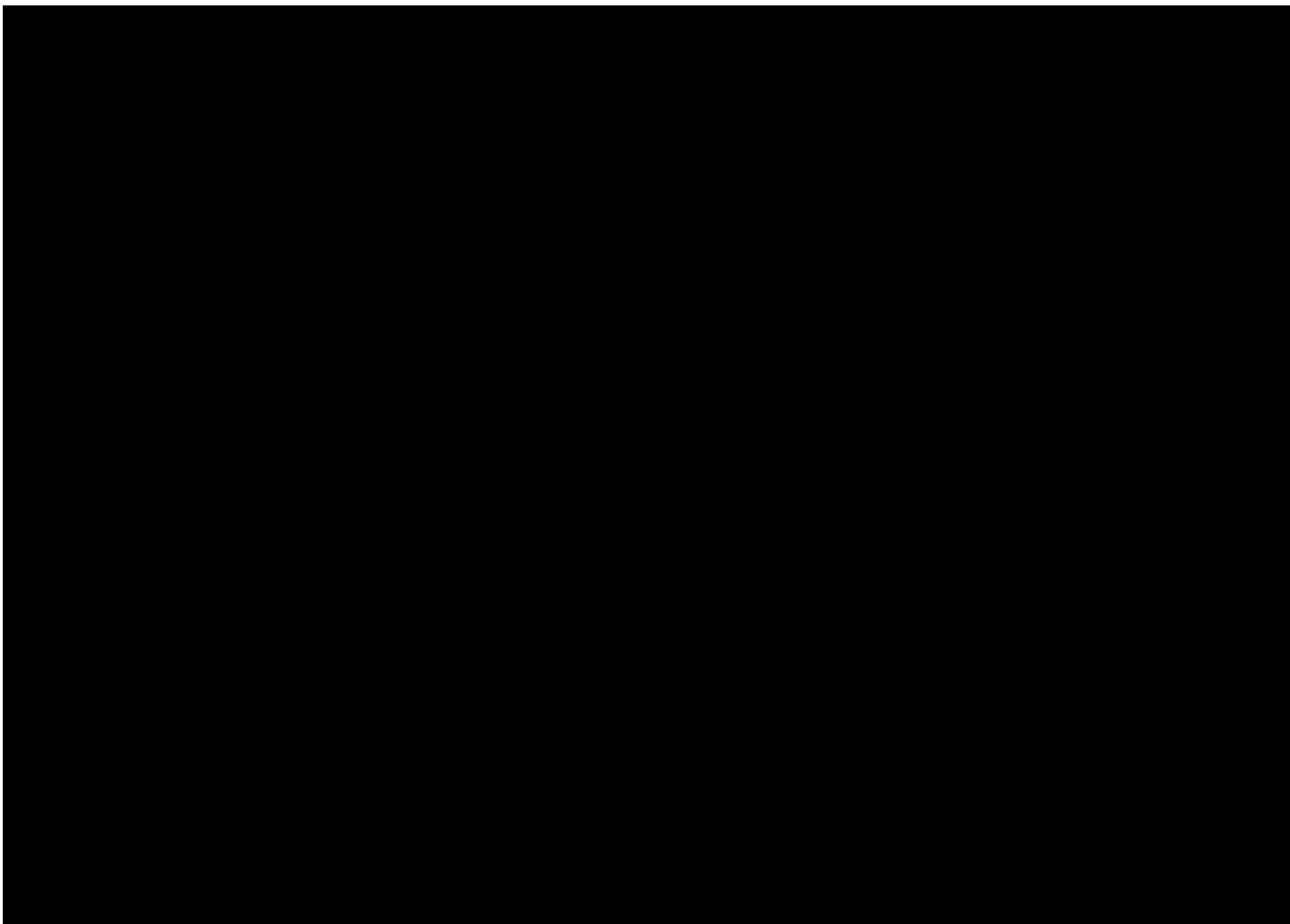
7.10 Provide documentation identifying the level of public support for the project including letters from public officials, newspaper articles, etc. Include information on specific host community and localized support and/or opposition to the project of which the bidder is aware. Provide copies of any 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.

Below are further details on the Swansea Project and associated community, and plans for further stakeholder outreach and engagement.

The Town of Swansea is located in southeastern Massachusetts, in Bristol County. It is home to 17,144 residents, as of the 2020 census, and located just over 10 miles southeast of Providence, Rhode Island. There are no mapped Environmental Justice (EJ) communities within 1 mile of the Project; however, there is a significant concentration of EJ census tracts located further southeast in Somerset and into Fall River. These communities are mapped as EJ communities due to a combination of median levels of income and the percentage of minority populations. As detailed in previous sections, there is a significant historical presence of fossil-fuel generators in the area surrounding Swansea. In its 2024 Comprehensive Plan, the Town of Swansea identified the Green Communities Designation and Grant Program as an area to advance resiliency to climate change impacts and effects. There have been a number of renewable energy facilities constructed within the Town, including two distributed-scale solar arrays within the immediate vicinity of the proposed Project.

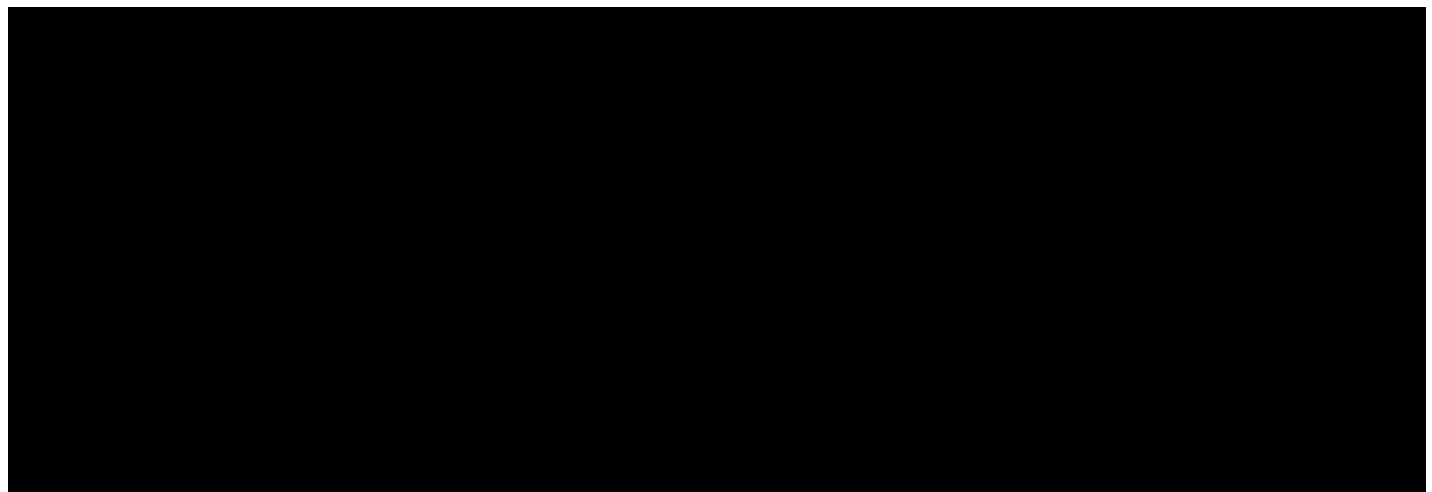
Engagement with the Town has been ongoing over the last two years, primarily as it relates to siting and permitting of the proposed Project. BlueWave continues to engage with the Town Planning Board on the subdivision of the subject parcel and will continue engagement this Fall toward the execution of a Memorandum of Understanding for the Project as it advances in development. Additionally, BlueWave will seek to progress engagement with local residents/neighbors in the

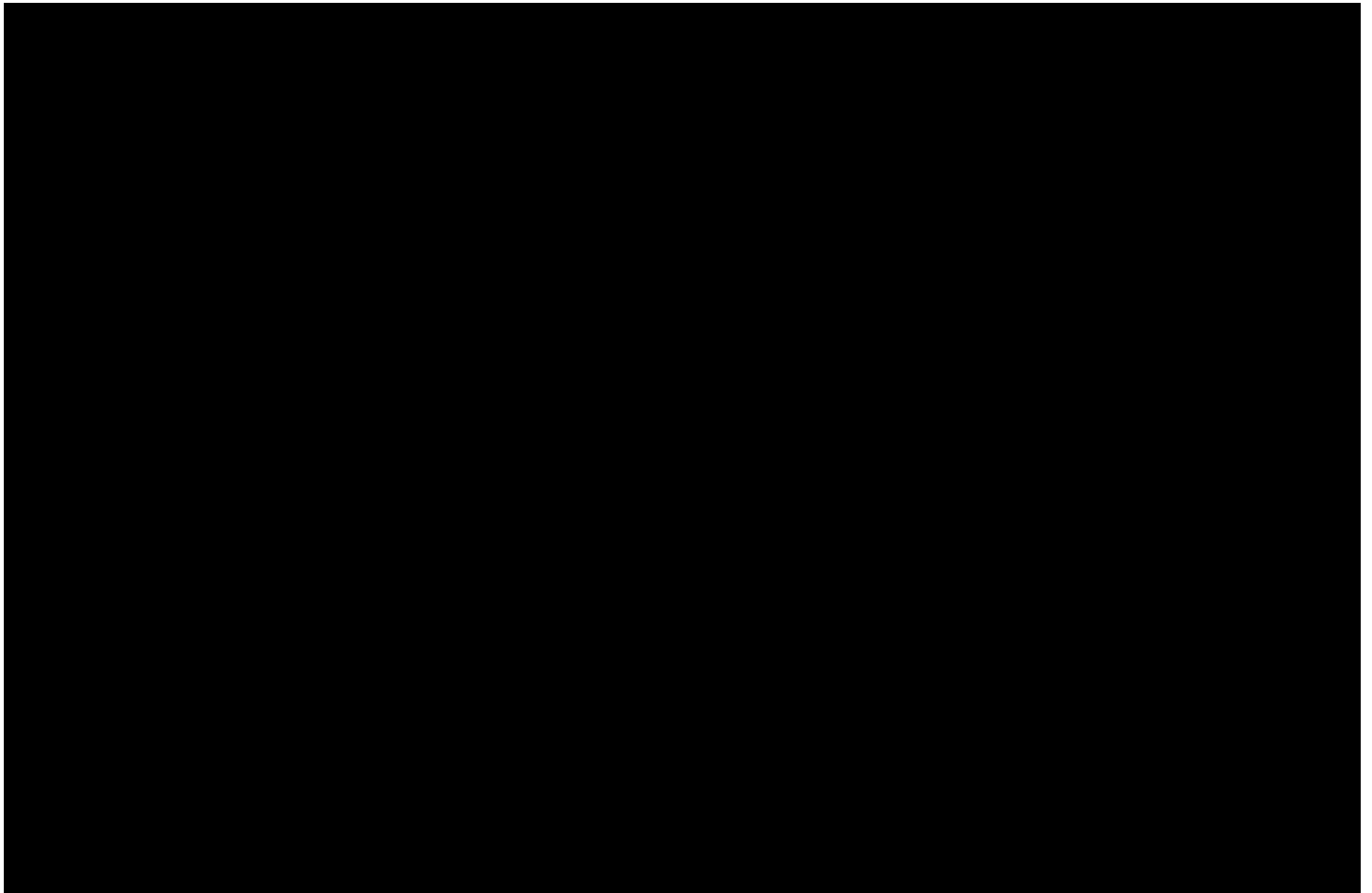
immediate area of the Project, as conversations continue with Town staff.



Below is a map of primary identified stakeholders in the vicinity of the Swansea Project (red dot):

Below is a community engagement plan broken out by Project stage with a description of the anticipated outreach activities. This list is not intended to be exhaustive, and additional outreach may be conducted.





Section A-8: Safety

Please answer the following questions in Section A-8 for each Transmission Project and Distribution Project being bid:

8.1 Please attach as detailed a safety plan as possible, given the stage of the project, which demonstrates compliance or intent to comply with all relevant federal, state, and local laws, codes, and standards. Safety plans must at a minimum comprise the following elements:

- i. Energy Storage System project drawings: Provide final, draft, or preliminary project drawings, including as much detail as known at the time of bid submission.

Please refer to the file titled **7.1. - Swansea - Site Plan #1**.

- iv. Hazard mitigation analysis: Provide a final, draft, or plans to develop a project site-specific Hazard Mitigation Analysis (HMA), addressing thermal runaway, mechanical failures, and other potential equipment failures.

See Attachment **8.1.iv. - Swansea - Draft HMA** for Draft HMA.

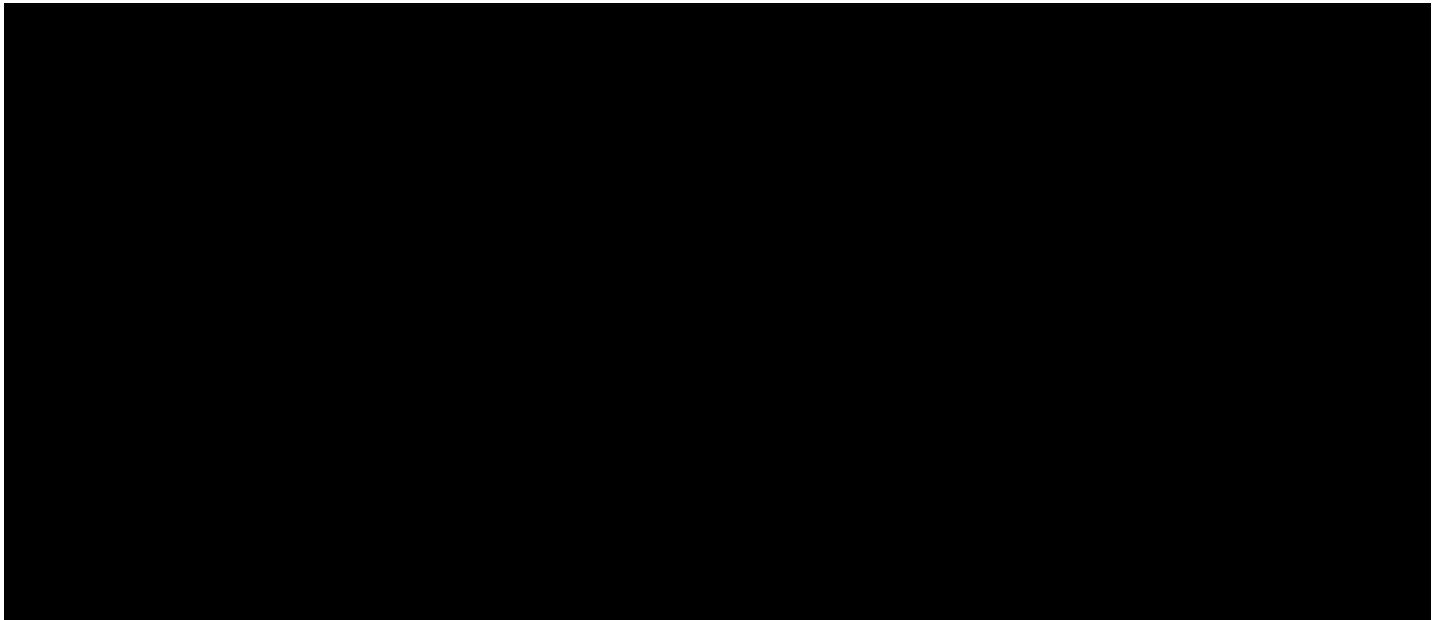
- v. Emergency response plan: Provide a final, draft, or plans to develop a project site specific Emergency Response Plan (ERP).

See Attachment **8.1.v. - Swansea - Draft ERP** for Draft ERP. Site draft ERP will be updated after construction-level drawings are prepared for the Project.

- vi. Safety training materials: Provide final, draft, or plans to develop project site-specific safety training materials.

For the Swansea Project, BlueWave has engaged an external fire safety consultant who prepared the site-specific HMA and ERP, as mentioned above. They will also develop safety training materials that will be shared with the Town of Swansea and utilized with the Swansea fire department for on-site fire training before construction and after the Project is in operation. Fire safety training will also be ongoing, with refreshed training to be provided with the fire department at appropriately identified intervals or as staff changes necessitate ad-hoc training sessions. A copy of all safety training materials will be maintained at BlueWave, the Swansea fire department, and then a physical copy will be maintained in an approved location near the Project or made available digitally (whichever is the preference of the Town of Swansea).

8.9 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 also provide evidence of community engagement towards acceptance of the facility, or a plan to work towards such engagement and acceptance.



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.

Please answer the following questions in Section A-9 for each Transmission Project and Distribution Project being bid:

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

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

Equipment has not yet been purchased for both the Swansea Project. Please see section 11.3 for more detail.

- 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

Equipment has not yet been purchased. Please see section 11.3 for more detail.

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. If a bidder is developing the project in phases, it should include a schedule for each phase. For Transmission Projects, the bidder should include critical milestones in its markup to the Form LTC that are consistent with its proposal and are reasonably achievable.

Please answer the following questions in Section A-10 for each Transmission Project and Distribution Project being bid:

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.

For the Swansea Project, please refer to the file titled **10.1 - Swansea - Project Schedule**.

See attached Project schedules provided. Critical path elements completed and planned include:

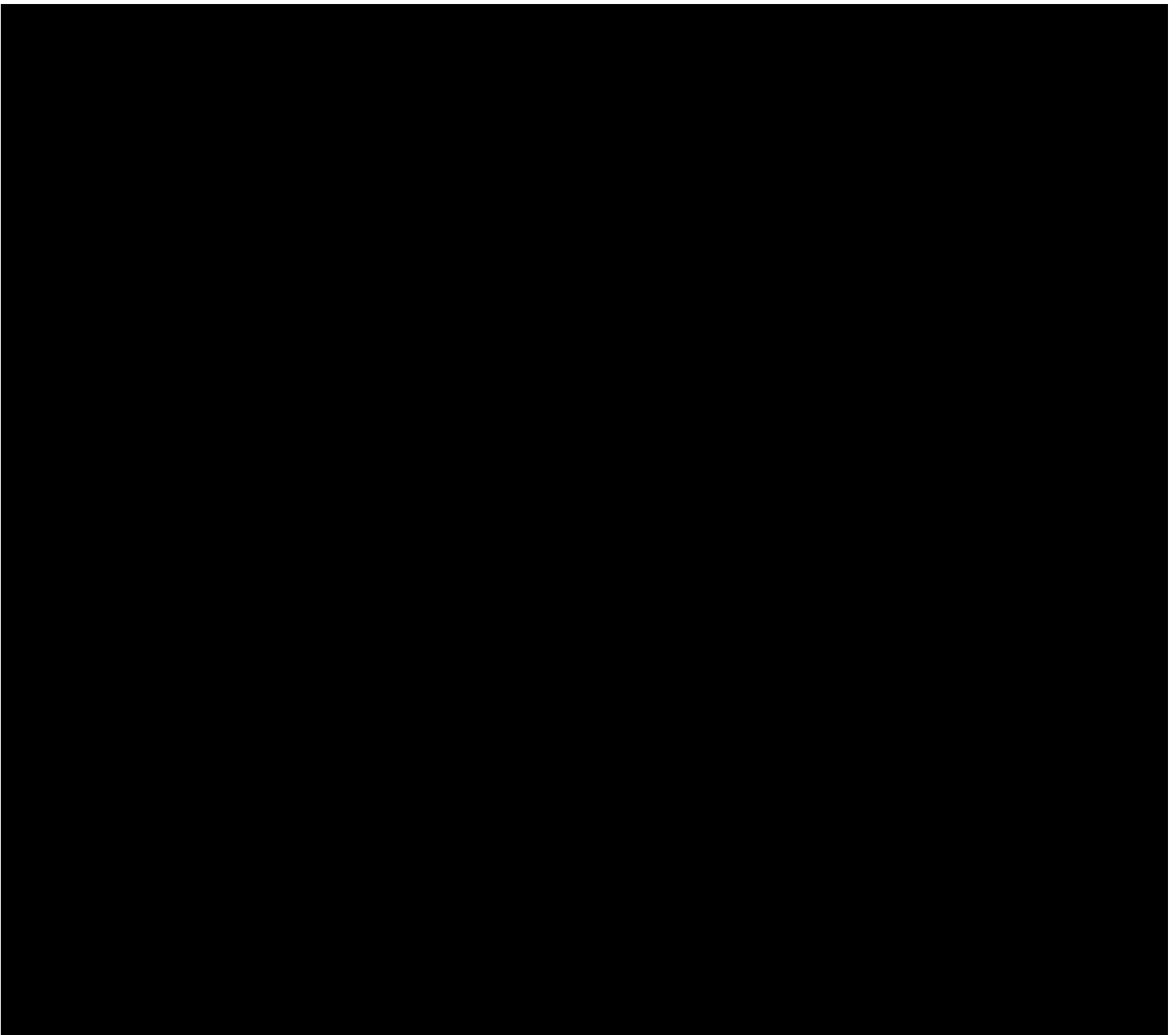
1. Execution of Long Term Lease (completed)
2. Preliminary Engineering / 30% Designs (completed)
3. Local Permits (in process)
4. Environmental Due Diligence (completed and in process)
5. Interconnection Studies (completed)
6. Interconnection Services Agreement (completed)
7. IFC Design (planned)
8. Material procurement and vendor activity (in process and planned)
9. Construction and Tax Equity Financing (planned)
10. Start of Construction (planned)

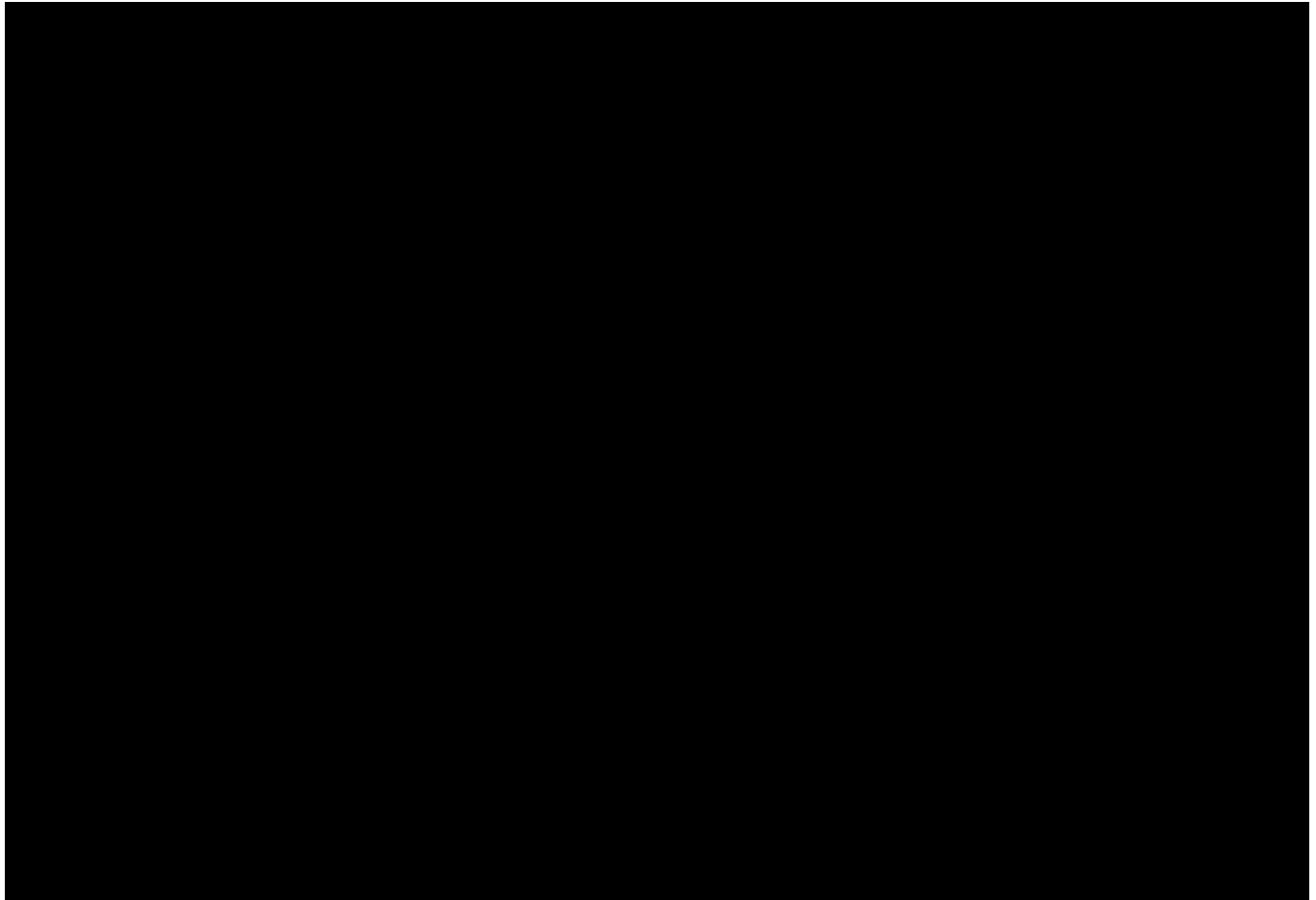
10.2 Describe and demonstrate that the project is more likely than not to come online by the

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.

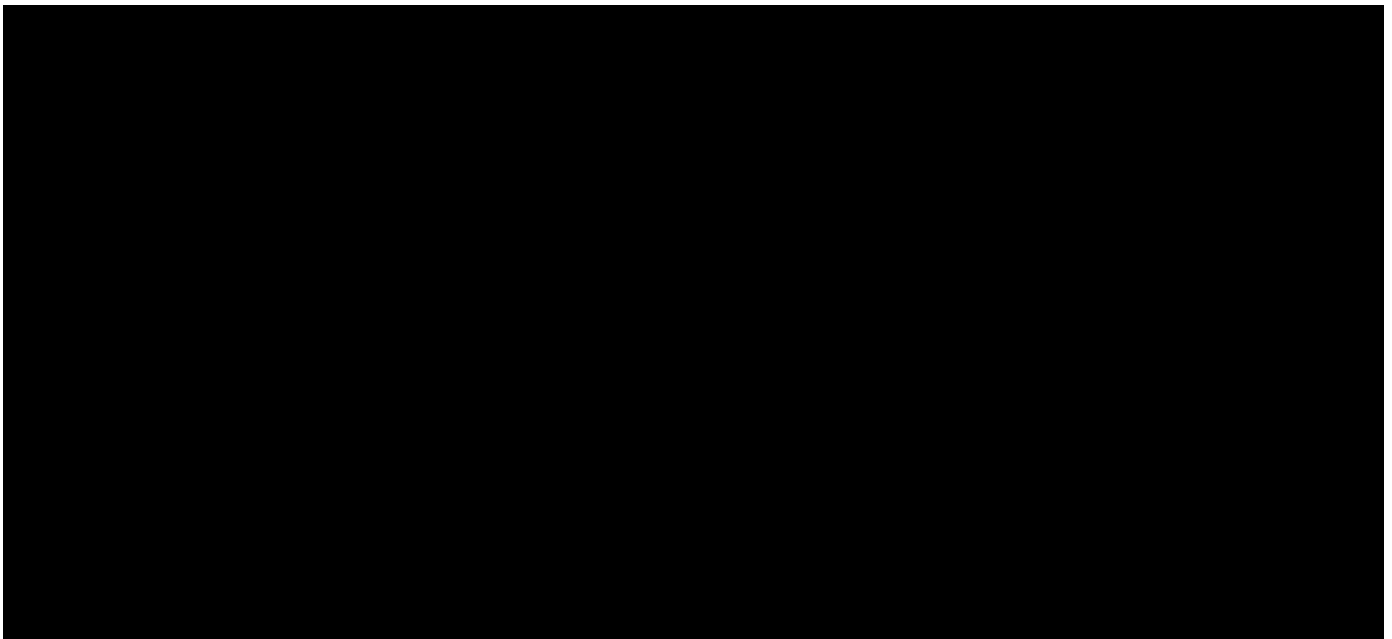
See below for a demonstration on how the Swansea Project is more likely than not to come online by the COD.

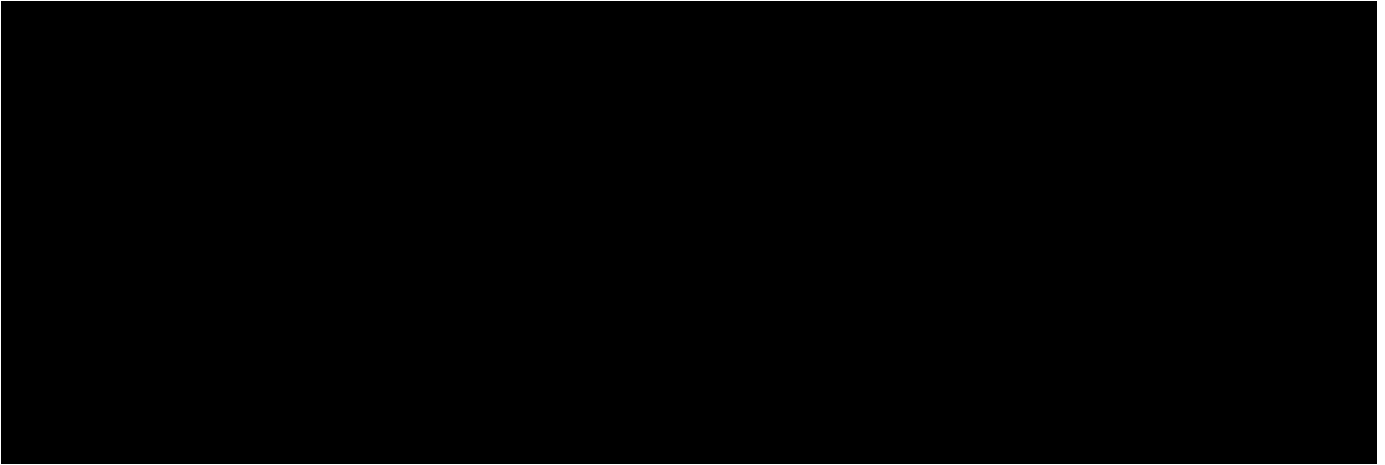




10.3 Detail the status of all critical path items, such as receipt of all necessary siting, environmental, and ISO-NE or interconnecting Distribution Company approvals.

Below is a status of all critical path items for the Swansea Project.



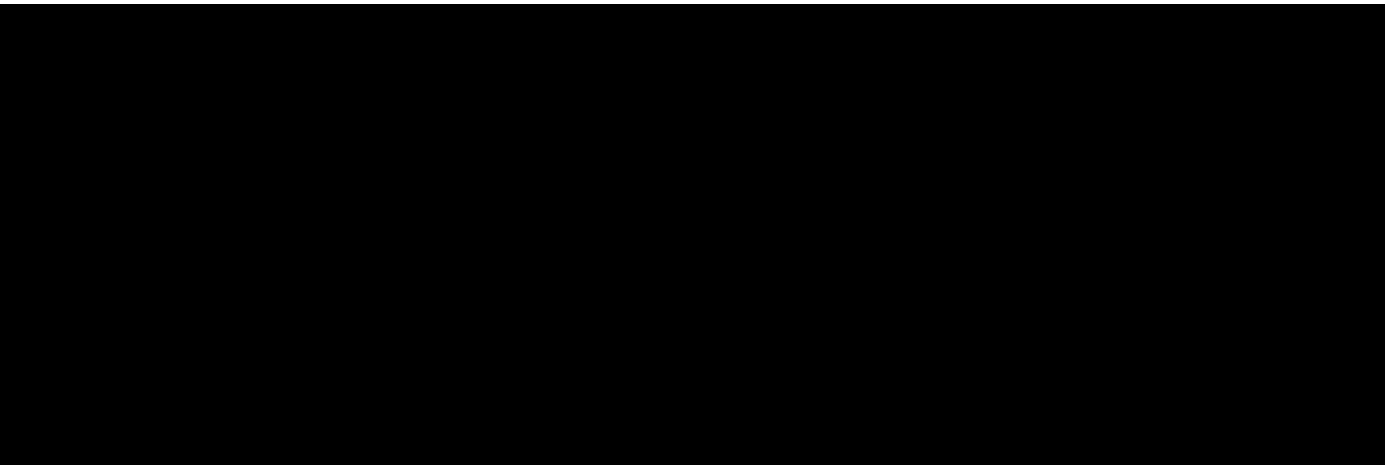


Section A-13 Project Management and Experience

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 into commercial operation in a timely fashion.

For all project-specific questions in Section A-13, if bidding in multiple Transmission Projects or Distribution Projects, please answer each question for each Transmission Project or Distribution Project being bid.

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



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

For all project-specific questions in Section A-14, if bidding in multiple Transmission Projects or Distribution Projects, please answer each question for each Transmission Project or Distribution Project being bid:

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.

The table below provides estimates of the number of jobs supported during the development, construction, and operations of the proposed Swansea Project. Job estimates are based on final total expected development, construction, and operational expenditures and typical needs. These estimates also account for some jobs being pulled from outside the state to meet total labor needs across the Project’s lifecycle. Swansea is listed as an Economically Distressed Area as defined by the State of Massachusetts, and it is also located next to an adjacent area of a former fossil fuel community, encompassing the Towns of Somerset and Fall River. Therefore, Bidder would expect a material portion of the jobs and benefits generated from the Project to accrue locally and in the greater area. BlueWave will work to track and report the portion of jobs and benefits that can be attributed directly to the community.

14.5 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.

The table below provides a high-level estimate of the amount of potential economic activity expected to result from the Swansea Project across the state and region, between each phase of the Project. These numbers are based on the estimated amount of labor identified in Section 14.1, and broad assumptions on induced economic activity outputs for construction and operational labor. Some conservativeness has been applied to the final estimates to account for the stage of the Project and the fact that contracts have not yet been executed.

14.7 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.

The Swansea Project is located in a coal-closure community as defined by the IRS, as it is in a census tract adjacent to a census tract with a direct coal closure facility. Additionally, there is a nearby fossil-fuel generation facility is the Dighton Power Plant, a 200MW natural-gas facility in

Dighton, MA. Overall, the presence of additional standalone battery energy storage systems within these communities and adjacent communities will aid in the continued deployment and integration of solar resources. Furthermore, by operating the Project in the Clean Peak windows, less demand is driven for fossil-fuel peaker facilities and will continue to lower the need for generation facilities like Dighton Power in the future. This will result in cleaner air, more positive health outcomes for residents within these communities, and a more reliable grid.

14.13 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,

The Swansea Project does not overlap any mapped priority habitat of rare species as identified by NHESP. The site, as with most proposed sites in Massachusetts, does overlap with mapped Long-Eared Bat potential habitat range per the US Fish & Wildlife IPaC reporting tool. However, due to the lack of tree clearing required for the Project, no potential impacts to bat species could occur. The Project is not in a mapped FEMA Flood Zone, nor is it located in a mapped Zone II Groundwater Protection Zone. Onsite wetlands have been delineated, and the proposed Project footprint will not impact any wetlands or wetland buffer zones.

Pre-construction, site disturbance will be minimal, apart from certain site diligence conducted to-date and planned during development (e.g. test pits for geotechnical due diligence). During construction, all appropriate erosion control measures and stormwater management best practices will be observed to avoid any impacts to onsite wetlands. Stormwater BMPs will be constructed to meet Massachusetts DEP standards for runoff treatment and management during operation of the Project. In general, due to the lack of tree-clearing required for the project in addition to the relatively flat topography, minimal ground disturbance and land preparation activity is required. No other material impacts on environmental resources are expected to occur from the construction and operation of the facility.

14.14 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.

The Swansea Project demonstrates that it specifically avoids, minimizes and mitigates to the maximum extent practicable impacts on Environmental Justice populations and host communities in a few manners. (Below is in addition to the actions BlueWave takes on all of its projects, including the Swansea Project. See the Portfolio bid response 14.14 for more information.)

1. Noise Impacts

Ambient sound measurements have been taken at the Swansea Project, and modeled projected sound levels demonstrate a need for additional sound mitigation to avoid negative impacts to neighbors along Oak and Wood St. The Project has incorporated into its design, and anticipated construction

needs a 14' tall sound barrier around the perimeter of the site to mitigate sound impacts and maintain ambient sound levels to within allowed limits under regulation.

2. Fire Safety

As mentioned previously, a site-specific ERP and HMA have been provided as part of the bid submittal package. The system location has been deliberately placed as central to the property as possible, to maintain as much buffer from all property lines and distance from nearby exposures, while balancing against setbacks from on-site wetlands. The project will be able to maintain clear access for first responders to and around the perimeter of the system, and the site layout meets NFPA code and best industry standards.

3. Visual Impact

The Swansea Project does exhibit potential visual impact for neighbors along Wood St, and particularly along Oak Street. This is in addition to the potential for visual impact for the property owner, who will maintain residence on-site. The sound barrier that is anticipated to be provided for sound impact mitigation will also serve as a visual barrier between the system equipment and these nearby sensitive receptors. As needed based upon final AHJ feedback, additional landscaping will be provided along the sound barrier to create a viewpoint that is more harmonious with the surrounding property and landscape.