

REQUEST FOR PROPOSALS

FOR

LONG-TERM CONTRACTS FOR

OFFSHORE WIND ENERGY

PROJECTS

Issuance Date: **TBD**

Distribution Companies:

Fitchburg Gas & Electric Light Company d/b/a Unitil
Massachusetts Electric Company d/b/a National Grid
Nantucket Electric Company d/b/a National Grid
NSTAR Electric Company d/b/a Eversource Energy

Massachusetts Department of Energy Resources

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Definitions

“Affiliated Company” means an affiliated company as defined in Section 85 of Chapter 164 of the Massachusetts General Laws.¹

“Clean Peak Energy Certificate” (CPEC). A credit received for each megawatt hour of energy or energy reserves at NEPOOL GIS that is adjusted by applicable Clean Peak Energy Certificate Multipliers and provided during a Seasonal Peak Period that represents a compliance mechanism as defined in the regulations.

“Clean Peak Standard” has the meaning as outlined in 225 CMR 21.00

“Control Area” means a geographic region in which a common generation control system is used to maintain scheduled interchange of Energy within and outside the region.

“BOEM” means the United States Bureau of Ocean Energy Management and includes its successors.

“Deliver” or “Delivery” shall mean with respect to (i) Energy, to supply Energy into Buyer’s ISO-NE account at the Delivery Point in accordance with the terms of the Long-Term Contract and the ISO-NE Rules, and (ii) RECs, to supply RECs in accordance with the terms of the Long-Term Contracts and the ISO-NE Rules.

“Department of Energy Resources” or “DOER” means the Massachusetts Department of Energy Resources established by Section 1 of Chapter 25A of the Massachusetts General Laws.²

“Distribution Company” means a distribution company as defined in Section 1 of Chapter 164 of the Massachusetts General Laws.³

“Energy” means electric “energy,” as such term is defined in the ISO-NE Tariff, generated by the Generation Unit as measured in MWh in Eastern Prevailing Time as metered at the delivery point, which quantity will never be less than zero.

“Energy Diversity Act” means chapter 188 of the Acts of 2016, *An Act to Promote Energy Diversity*.

“Energy Storage System” means a commercially available technology that is paired with the proposed Offshore Wind Energy Generation facility and is capable of absorbing energy, storing it for a period of time and thereafter dispatching the energy and which may be owned by an electric distribution company; provided, however, that an Energy Storage System shall: (i) reduce the emission of greenhouse gases; (ii) reduce demand for peak electrical generation; (iii) defer or

¹ <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXXII/Chapter164/Section85>.

² <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleII/Chapter25A/Section1>.

³ <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXXII/Chapter164/Section1>.

substitute for an investment in generation, transmission or distribution assets; or (iv) improve the reliable operation of the electrical transmission or distribution grid; and provided further, that an Energy Storage System shall: (1) use mechanical, chemical or thermal processes to store energy that was generated for use at a later time; (2) store thermal energy for direct heating or cooling use at a later time in a manner that avoids the need to use electricity at that later time; (3) use mechanical, chemical or thermal processes to store energy generated from renewable resources for use at a later time; or (4) use mechanical, chemical or thermal processes to capture or harness waste electricity and to store the waste electricity generated from mechanical processes for delivery at a later time.⁴

“Environmental Attributes” means all present and future attributes under any and all international, federal, regional, state or other law or market, including without limitation all credits or certificates that are associated, either now or by future action, with the Offshore Wind Energy Generation, including but not limited to those provided for in 310 C.M.R. 7.75 and G.L. c. 25A, § 17.

“Evaluation Team” means the Distribution Companies and the Department of Energy Resources.

“Evaluation Team Consultant” means an entity or entities that will contract with one or more of the Distribution Companies to assist the Evaluation Team in the evaluation process.

“FERC” means the United States Federal Energy Regulatory Commission, and includes its successors.

“Generation Unit” means a facility that converts a fuel or an energy resource into electrical energy.

“GIS” means the New England Power Pool (“NEPOOL”) Generation Information System or any successor thereto, which includes a generation information database and certificate system, operated by NEPOOL, its designee or successor entity, that accounts for generation attributes of electricity generated or consumed within New England.

“Interconnection Agreement” means an agreement pursuant to the relevant section(s) of the ISO-NE Tariff among the facility owner, the interconnecting utility and ISO-NE, as applicable, regarding the interconnection of a Generation Unit(s) to the transmission system, as the same may be amended from time to time.

“Interconnection Customer’s Interconnection Facilities” (“ICIF”) means all facilities and equipment located between bidder’s Offshore Wind Energy Generation facilities collector system step-up transformers and the point of change of ownership at the onshore interconnection, including any modification, addition, or upgrades to such facilities and equipment, constructed to physically and electrically interconnect the bidder’s Offshore Wind Energy Generation facilities to the onshore transmission system.

⁴ <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXXII/Chapter164/Section1>.

“ISO” or **“ISO-NE”** means ISO New England Inc., the independent system operator established in accordance with the RTO arrangements for New England, or its successor.

“Long-Term Contract” means a contract for a period of 15 to 20 years for Offshore Wind Energy Generation.⁵

“New England Control Area” means New England Control Area as set forth in the ISO-NE Tariff.

“Offshore Delivery Facilities” means transmission or interconnection facilities constructed by an Offshore Wind Developer to transport Energy from Offshore Wind Energy Generation facilities to existing onshore ISO-NE Pool Transmission Facilities (“PTF”).

“Offshore Wind Developer” means a provider of electricity developed from an offshore wind energy generation project that is located on the Outer Continental Shelf, and for which no turbine is located within 10 miles of any inhabited area.⁶

“Offshore Wind Energy Generation” means offshore electric generating resources derived from wind that: (1) are Class I renewable energy generating sources, as defined in Section 11F of Chapter 25A of the General Laws; (2) have a commercial operations date on or after January 1, 2018, that has been verified by the Department of Energy Resources; and (3) operate in a designated wind energy area for which an initial federal lease was issued on a competitive basis after January 1, 2012.⁷ The quantity of Offshore Wind Energy Generation delivered shall be measured in MWh.

“Other Authorities” means United States federal agencies, state and local agencies and authorities, one or more regional transmission organizations, balancing authorities, or utilities in other Control Areas in which a Generation Unit(s) is located or through which its Energy may pass.

“Rate Schedule” means Rate Schedule as set forth in in 18 CFR §35.2(b).

“Renewable Energy Certificates” or **“RECs”** means all of the GIS Certificates and environmental benefits associated with New Class I RPS eligible resources.

“Selection Team” means the Distribution Companies.

“Service Agreement” has the meaning provided in 18 CFR §35.2(c)(2).

⁵ <https://malegislature.gov/Laws/SessionLaws/Acts/2016/Chapter188>.

⁶ <https://malegislature.gov/Laws/SessionLaws/Acts/2016/Chapter188>

⁷ <https://malegislature.gov/Laws/SessionLaws/Acts/2016/Chapter188>

“Tariff” has the meaning provided in 18 CFR §35.2(c)(1).

“Third-Party Offshore Wind Developer” means any entity developing offshore wind energy generation facilities.

1. Introduction and Overview

1.1 Purpose of the Request for Proposal

Fitchburg Gas & Electric Light Company d/b/a Unitil (“Unitil”), Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid (“National Grid”), NSTAR Electric Company d/b/a Eversource Energy (“Eversource”), as investor-owned electric distribution companies (collectively, “Distribution Companies” and each as “Distribution Company”) serving ratepayers in the Commonwealth of Massachusetts (“Commonwealth”), in coordination with the Massachusetts Department of Energy Resources (“DOER”), are collectively seeking reasonable proposals to enter into cost-effective Long-Term Contracts for Offshore Wind Energy Generation and associated RECs⁸, which must incorporate associated transmission costs, pursuant to Section 83C of Chapter 169 of the Acts of 2008 (“Section 83C”) *et seq.*, as amended by the Energy Diversity Act. In this Request for Proposals (“RFP”), the Distribution Companies are seeking to procure at least 400 MW and up to 1600 MW overall of Offshore Wind Energy Generation, subject to the provisions hereof.⁹ Bidders are allowed to offer proposals from 200 MW up to 1600 MW of Offshore Wind Energy Generation.

This is the third solicitation and is part of a procurement schedule developed by the Distribution Companies and DOER in accordance with the authority granted to DOER under Section 21(a) of Chapter 227 of the Acts of 2018 (“2018 Act”) to require the Distribution Companies to jointly and competitively conduct additional offshore wind generation solicitations and procurements, subject to the required solicitation and procurement process of said Section 83C, to ensure that the Distribution Companies enter into cost-effective contracts for Offshore Wind Energy Generation equal to an additional approximately 1600 MW of aggregate nameplate capacity not later than December 31, 2035. The Distribution Companies and DOER will issue subsequent solicitations within 24 months of the previous solicitations as necessary, consistent with Section 83C. In addition, Section 83C requires that the Department of Public Utilities shall not approve Long-Term Contracts resulting from the solicitation if the levelized price per megawatt hour, plus associated transmission costs, is greater than or equal to the levelized price per megawatt hour that resulted from the previous solicitation. For more information on the levelized price per megawatt hour resulting from the previous solicitation, see Section 2.2.1.4.

⁸ Long Term Contracts for Energy and RECs, and for RECs only, will include rights to all associated Environmental Attributes.

⁹ The Commonwealth of Massachusetts in consultation with the Distribution Companies will consider the participation of other states as a means to achieve the Commonwealth’s Offshore Wind Energy Generation goals if such participation has positive or neutral impact on Massachusetts ratepayers. If the Commonwealth determines that such participation provides a reasonable means to achieve its Offshore Wind Energy Generation goals cost effectively through multi-state coordination and contract execution, selected projects may be allocated on a load ratio share basis to one or more electric distribution companies in such state, subject to applicable legal requirements in the Commonwealth and the respective state.

The terms of any Long-Term Contracts resulting from this solicitation will be finalized between the Distribution Companies and successful bidders based on the proposals submitted and selected in accordance with the process set forth in this RFP.¹⁰ This RFP includes form Power Purchase Agreements for Offshore Wind Energy Generation (“Form PPAs”, one for National Grid and another for Eversource and Unitil).

Section 83C requires the Distribution Companies, in coordination with the DOER, to solicit proposals from developers of Offshore Wind Energy Generation projects in a fair and non-discriminatory fashion, and, provided that reasonable proposals have been received, enter into cost-effective Long-Term Contracts for Offshore Wind Energy Generation. The standards and criteria set forth in this RFP are designed so proposals selected for contract negotiations will serve the interests of Section 83C by furthering those projects that have a strong likelihood of being financed and constructed and that will provide a reliable and cost-effective source of long-term Offshore Wind Energy Generation to the Commonwealth.

In addition to the statutory requirements set forth in Section 83C, the Distribution Companies are issuing this RFP in accordance with regulations promulgated under Section 83C by the Department of Public Utilities (“DPU”), 220 C.M.R. § 23.00, *et seq.* This RFP outlines the process that the Distribution Companies plan to follow to satisfy their obligations under Section 83C and 220 C.M.R. § 23.00, *et seq.* and sets forth the timetable regarding the solicitation process, provides information and instructions to prospective bidders, and describes the bid evaluation process that will be followed once bids are received.

1.2 The Framework Established Pursuant to Section 83C

The Energy Diversity Act, which includes Section 83D and 83C solicitations, recognizes the necessity of the Commonwealth achieving the goals established pursuant to the GWSA. The GWSA requires the Commonwealth to establish goals and meet targets for the reduction of greenhouse gas emissions by 2020, 2030, 2040, and 2050. The goals established by the Commonwealth specifically require achieving Net Zero greenhouse gas emissions by 2050 and intermediate reductions.

Under Section 83C, a Distribution Company may decline to consider proposals having terms and conditions that it determines would require the Long-Term Contract obligation to place an unreasonable burden on the company’s balance sheet. All proposed Long-Term contracts are subject to the review and approval of the DPU prior to becoming effective.

¹⁰ The actual amount of Offshore Wind Energy Generation and/or RECs to be procured by each of the Distribution Companies is determined based upon each Distribution Company’s Massachusetts distribution load-share derived from the most recent full years data which is from 2019

National Grid	45.04%
Eversource	53.96%
Unitil	1.00%

As part of its review and approval process for any proposed Long-Term Contracts, the DPU must take into consideration recommendations from the Office of the Attorney General (“AGO”), which must be submitted to the DPU within forty-five (45) days following the filing of such contracts with the DPU. Section 83C provides that the DPU shall consider both the potential costs and benefits of such contracts and shall approve a contract only upon a finding that it is a cost-effective mechanism for procuring reliable Offshore Wind Energy Generation on a long-term basis, taking into account the factors outlined in Section 83C, as further described below.

Finally, if the DOER, in consultation with the Distribution Companies, and the Independent Evaluator as described in Section 1.5 below, determines that reasonable proposals were not received pursuant to this solicitation, the DOER may terminate this solicitation. In addition, if a Distribution Company deems all proposals to be unreasonable, it shall submit a filing to the DPU supporting its decision to decline all proposals. This decision is subject to DPU approval.

1.3 Solicitation by Distribution Companies in Coordination with the Department of Energy Resources

The Evaluation Team, in consultation with the Attorney General’s Office and as overseen by the Independent Evaluator, coordinated on this solicitation and evaluation process with respect to this RFP. As a result of this process, the Distribution Companies now issue this RFP, including associated bid forms, Form PPAs, and certain other documents. The purpose of this approach is to inform prospective bidders of bid submittal and evaluation requirements in order to facilitate the bidding process. Responses to this RFP must be returned to the Evaluation Team for joint evaluation consistent with the terms of this RFP. Bidders shall submit proposals contemporaneously to the entire Evaluation Team. Proposals must be submitted in accordance with Section 1.7.3 of this RFP.

The Selection Team with DOER serving as an advisory participant, will then be responsible for bid selection, contract negotiations, and contract execution. The Distribution Companies expect to coordinate their negotiation of the contracts and to jointly file the executed Long-Term Contracts with the DPU for approval prior to the Long-Term Contracts becoming effective. The Form PPAs may vary somewhat to accommodate the contracting requirements that are specific to each Distribution Company.

1.4 Overview of the Procurement Process

The Evaluation Team, with the assistance of the Evaluation Team Consultant, will receive the proposals, including confidential materials, and conduct an evaluation of the proposals.

Eversource and National Grid have executed the Standard of Conduct documents attached as Appendix F-1 and F-2 to this RFP.¹¹ Under these Standards of Conduct, discussion of this RFP and any bid proposed therein between personnel participating on the Distribution Company's Evaluation Team and personnel involved in the preparation of proposals in response to this RFP on behalf of a Distribution Company affiliate shall be prohibited, other than as part of discussions that are conducted as part of the RFP process (e.g. bidder conferences or formal bidder Q&A), in accordance with the Standard of Conduct.

The Evaluation Team will consider the evaluation results and project rankings to determine projects to be considered for selection.

The Distribution Companies will be responsible for negotiation and execution of any final Long-Term Contract. The DOER will have the opportunity to monitor contract negotiations between the Distribution Companies and selected bidders.

The procurement process has three stages of evaluation, as described in further detail in Section 2 of this RFP. In Stage One, proposals will be reviewed to ensure that they meet eligibility and threshold requirements. In Stage Two, proposals will be evaluated based on specified quantitative and qualitative criteria. In Stage Three, the Evaluation Team will conduct further evaluation of remaining proposals based on the Stage Two quantitative and qualitative evaluation criteria and, at their discretion, additional factors, to ensure selection of viable projects that provide cost-effective, reliable Offshore Wind Energy Generation with limited risk.

1.5 Independent Evaluator

The DOER and the AGO, as required by Section 83C, have jointly selected, and the DOER has contracted with, an Independent Evaluator to monitor and report on the solicitation and bid selection process. The Independent Evaluator will assist the DOER in determining whether a proposal is reasonable and assist the DPU in its consideration of the Long-Term Contracts filed for approval.

In an effort to ensure an open, fair, and transparent solicitation and bid selection process that is not unduly influenced by an Affiliated Company, Section 83C requires the Independent Evaluator:

- (1) To issue a report to the DPU that analyzes the timetable and method of solicitation and the solicitation process implemented by the Distribution Companies and the DOER; and
- (2) Upon the opening of an investigation by the DPU into a proposed Long-Term Contract, to file a report with the DPU that summarizes and analyzes the solicitation

¹¹ Unitil does not have an affiliate that could potentially bid and, therefore, has not executed a Standard of Conduct. If the prospect arises of a Unitil affiliate becoming a bidder, Unitil will execute a standard of conduct.

and bid selection process and provides an independent assessment of whether all proposals were evaluated in a fair and non-discriminatory manner.

To perform this role, the Independent Evaluator will have access to all information and data related to the solicitation and bid selection process, including any confidential information provided by bidders. The DPU has the discretion to consider the Independent Evaluator's findings and may adopt its recommendations as a condition for approval. However, if the Independent Evaluator concludes that the solicitation and bid selection of a contract was not fair and objective, and the process was substantially prejudiced as a result, the DPU shall reject the contract per Section 83C.¹²

1.6 Communications Between the Evaluation Team and Bidders and Filing Protocol

With the exception of the pre-bid conference (see Section 3.2 below), all pre-bid contact with prospective bidders and other interested parties will be via the Distribution Companies' website at **MACleanEnergy.com**, and email address **MARFP83C@gmail.com**. All questions must be submitted by email, and responses will be coordinated by the Evaluation Team and posted on the Distribution Companies' website.

Proposals will be submitted directly to the Evaluation Team at the electronic addresses set forth in Appendix H to this RFP. Each proposal must be submitted to the entire Evaluation Team. Following the submission of proposals, communications regarding specific proposals will be between the Evaluation Team and the bidder. Following bid submission, each bidder is responsible to keep the Evaluation Team informed on a timely basis about the status of their proposed projects throughout the evaluation process, and as applicable, the contract negotiation process, and the related DPU or other proceedings, (including, but not limited to, status updates in obtaining permits, financing, site control and interconnection), but these communications shall not include revisions to the bidder's proposals, unless directed by the Evaluation Team. Any bidder communications must be provided to the entire Evaluation Team by submission to the email address referenced above. For further information on updating proposals, please refer to Section 3.5.

1.7 Proposal Submission Deadline/ Proposal Effectiveness

The one-hundred thirty-two (132) day timeline for the bidding process following the issuance of this RFP until the Confidential Proposal Submission Deadline, as well as the schedule for other steps in the process, including anticipated approval by the DPU, is set forth below in Section 3.1 of this RFP.

1.7.1 Confidential Proposal Submission Deadline

September 16, 2021 at 12:00 (noon) EDT.

¹² DOER, at its discretion, may request the Independent Evaluator to monitor contract negotiations between the Distribution Companies and a winning bidder.

1.7.2 Public Proposal Submission Deadline

Bidders may submit their Public Proposal after the Confidential Proposal no later than September 23, 2021 at 12:00 (noon) EDT See 1.7.4.1. If a bidder does not elect to redact any confidential information pursuant to 1.7.4.2, the public version of the proposal must be submitted on September 16, 2021.

1.7.3 Proposal Validity

Proposals shall be valid, without modification except as allowed in this RFP, until March 28, 2022, unless otherwise extended by mutual agreement between the bidder(s) and the Distribution Companies.

1.7.4 Submission Requirements

Bidders must submit separate electronic submission of the public version of each proposal and shall also submit separate electronic submission drives of the un-redacted confidential version to the contacts in Appendix G to this RFP. The public version of the proposal may be redacted to remove information that qualifies for confidential treatment pursuant to the Commonwealth's requirements described in Appendix E to this RFP. Each proposal shall contain the full name and business address of the bidder and the bidder's contact person and shall be signed by an authorized officer or duly authorized representative of the bidder. Bidders must sign the original proposal and include copies of the signature page with the proposal. The full name and business address of the bidder must be included in the public version of the proposal(s).

1.7.4.1 Public Versions of Proposals

Each proposal must be submitted publicly, with confidential material redacted at the bidder's option, to the Evaluation Team. This public version will be posted on the public website **MACleanEnergy.com** shortly after the Public Proposal Submission Deadline. The electronic submission should prominently include the words "Public Version" to alert the Evaluation Team that the version will be publicly posted. The Public Proposals must be complete in all respects other than the redaction of confidential information. Complete proposals must include a properly completed Certification, Project and Pricing Data ("CPPD") Form, although at the bidder's option the CPPD submitted as part of the public version may be a PDF instead of a working Excel file, so long as the bidder submits the un-redacted CPPD form as a working Excel file with the confidential version of the proposal. If there is conflicting information between the information in the CPPD and information in other forms, then the information in the CPPD will be used in the evaluation. Information elsewhere in the bid

cannot be used by the bidder to modify or qualify any information in the CPPD.

The Evaluation Team will not redact the public versions of proposals. Anything submitted in the public version will be made AVAILABLE TO THE PUBLIC.

1.7.4.2 Confidential Versions of Proposals

If a bidder elects to redact any confidential information in the public version of its proposal(s), it must also submit an un-redacted, complete version of the proposal(s). The confidential version of the proposal must include the CPPD forms as a working Excel file, with all required information included. The confidential version of the proposal will be treated as confidential and sensitive information by the Evaluation Team, subject to the treatment of confidential information discussed in Section 1.7.5 of this RFP.

1.7.5 Confidential Information

Bidders must clearly identify all confidential or proprietary information including pricing. Only legitimate non-public proprietary or sensitive information may be considered confidential, and bidders should not designate any portions of their proposal confidential that do not merit confidential treatment. The Evaluation Team shall use commercially reasonable efforts to treat the confidential information that it receives from bidders in a confidential manner and will not use such information for any purpose other than in connection with this RFP. Additional information concerning the confidentiality of information provided to the DOER is included in Appendix E to this RFP; provided, that DOER will protect any confidential information to the extent possible under applicable public records law. As part of the bid evaluation process the Evaluation Team expects to disclose bid information to the Evaluation Team Consultant, to DOER's consultant, to ISO-NE and to personnel of one or more Other Authorities. The Independent Evaluator will also have access to all proposal information in performing its role. Depending upon the evaluation of proposals received, the Evaluation Team may seek permission from bidders to share proposals with other individuals or entities, subject to a confidentiality agreement.

In all such cases, the Evaluation Team will work with bidders on developing appropriate means to protect and limit disclosure of confidential information. Bidders, however, should be aware that the Distribution Companies and the DOER will disclose the pricing of the contracts that are filed for approval at the DPU. If any other confidential information is sought in any regulatory or judicial inquiry or proceeding or pursuant to a request for information by a government agency with supervisory authority over any of the Distribution Companies, reasonable steps shall be taken to limit disclosure and use of said confidential information through

the use of non-disclosure agreements or requests for orders seeking protective treatment, and bidders shall be informed that the confidential information is being sought. The bidder shall be responsible for filing, submitting, and/or providing to the Distribution Companies for such filing or submission, any motions or other pleadings (including associated affidavits, etc.) for protective orders or other relief to seek protection of the confidential information, but may not object to the disclosure of the pricing of the contracts that are filed for approval at the DPU.

Similarly, bidders shall use commercially reasonable efforts to treat all confidential information received from the Evaluation Team or individual entities serving on the Evaluation Team or the Evaluation Team Consultant in a confidential manner and will not, except as required by law or in a regulatory or judicial proceeding, disclose such information to any third party or use such information for any purpose other than in connection with this RFP; provided, however that if such confidential information is sought in any regulatory or judicial proceeding, the bidders shall take reasonable steps to limit disclosure and use of said confidential information through the use of non-disclosure agreements or requests for orders seeking protective treatment, and shall inform the Evaluation Team that the confidential information is being sought.

In the event confidential information is submitted to the Evaluation Team and confidential treatment is not afforded by a governmental agency or other entity exercising proper authority, the entities and individuals on the Evaluation Team, any consultants, and the Independent Evaluator shall not be held responsible. Each member of the Evaluation Team and the Independent Evaluator, as well as their employees, agents, and consultants, shall be held harmless for any release of confidential information as long as commercially reasonable efforts to protect the information have been followed. In any event, each member of the Evaluation Team, the Evaluation Team Consultant and the Independent Evaluator, as well as their employees, agents, and consultants, shall be held harmless for any release of confidential information made available through any public source by any other party.

1.7.5.1 Confidential Information Sharing Authorization for ISO-NE and Certain Government and Other Authorities Personnel

ISO-NE will, and Other Authorities (including but not limited to state economic development and environmental agencies) may be requested to provide information to the Evaluation Team concerning proposals as part of the proposal evaluation process. Information classified as Critical Energy/Electric Infrastructure Information (“CEII”) will only be shared with members of the Evaluation Team and the Independent Evaluator who are cleared to receive CEII by ISO-NE or any applicable Other Authorities. By participating in this RFP bidders agree that ISO-NE and the Other Authorities may release information related to the projects which may

otherwise be considered confidential under the relevant rules or policies of such organizations, to the Evaluation Team and the Independent Evaluator.

The Bidder shall provide written confirmation of its consent for the sharing of this information as part of the bidder certification form, and, if requested by the Evaluation Team, the bidder shall specifically request that ISO-NE and/or any of the Other Authorities provide this information to the Evaluation Team and shall pay any costs imposed by ISO-NE or any of the Other Authorities associated with providing that information. Failure to comply with this request will result in disqualification of the bid. The Evaluation Team will treat the information provided as confidential as described above in accordance with the Confidential Information policies and practices described in Section 1.7.4. of this RFP.

1.7.6 Appendices

All bidders shall sign and submit attached Appendix C to this RFP with their proposals. **A proposal will be considered incomplete unless the required Appendix C to this RFP is signed and submitted with the proposal.**

Appendix A	Bidders Response Package
Appendix B-1	Form of Power Purchase Agreement (National Grid)
Appendix B-2	Form of Power Purchase Agreement (Eversource and Unutil)
Appendix C	Certification
Appendix D	Procurement Statutes
Appendix E	Confidential Information
Appendix F-1	Standard of Conduct - National Grid
Appendix F-2	Standard of Conduct – Eversource
Appendix G	Commitment Agreement
Appendix H	Bid Submittal Instructions
Appendix I	Deliverability Constraint Analysis
Appendix J	Environmental and Socioeconomic Impact Criteria
Appendix K	Explanation of Allowable Phasing

1.8 Bidder Certification

An authorized officer or other duly authorized representative of a bidder is required to certify by the submission of its proposal that:

1. The bidder has reviewed this RFP, and has investigated and familiarized itself with respect to all matters pertinent to this RFP and its proposal;
2. The bidder's proposal is submitted in compliance with all applicable federal, state and local laws and regulations, including antitrust and anti-corruption laws;

3. The bidder is bidding independently and has no knowledge of non-public information associated with a proposal being submitted by another party in response to this RFP other than a proposal submitted: (a) by an affiliate of that bidder or (b) for a project in which that bidder is also a project proponent or participant, which, in each case, must be disclosed in writing to the Evaluation Team with each such bidder's or affiliated bidder's proposal;
4. The bidder has no knowledge of any confidential information associated with the development of this RFP;
5. The bidder's proposal has not been developed utilizing knowledge of any non-public information associated with the development of this RFP;
6. The bidder has not obtained any confidential bidding-related information directly or indirectly from any of the Distribution Companies, in preparation of its bid;
7. Except as disclosed by the bidder in the relevant portions of its response, the bidder is not an Affiliated Company of any Massachusetts investor-owned electric Distribution Company and no Distribution Company that is seeking proposals pursuant to this RFP has a financial or voting interest, controlling or otherwise, in the bidder or the bidder's proposed project; and
8. The bidder accepts that confidential information about their proposal may be shared with any members of the Evaluation Team (including their respective consultants), the Evaluation Team Consultant, the Independent Evaluator, ISO-NE, or Other Authorities personnel.
9. The bidder will continue to observe these requirements throughout the RFP process.

1.9 Changes or Cancellations

The terms and conditions of this RFP may, at any time, be changed, postponed, withdrawn and/or canceled, including any requirement, term or condition of this RFP, any and all of which shall be without any liability to any members of the Evaluation Team. Any changes to or cancellations of this RFP will be posted on **MACleanEnergy.com**.

1.10 Non-Refundable Bid Fees

Each Project shall be required to pay a non-refundable bid fee which will be used to offset the cost of the evaluation of proposals and oversight of the process by the Independent Evaluator. The minimum bid fee will be \$500,000. This bid fee includes one pricing offer. Each additional pricing offer will require an additional non-refundable fee of \$25,000. The fee for an additional pricing offer only applies for variations in pricing for the same project. For all other cases an additional bid fee of \$50,000 is required. For clarity, if there are changes to any physical aspect of a project, including but not limited to project size, technology type(s), Energy Storage System, production/delivery profile, in-service date, or delivery location then a non-refundable bid fee of \$50,000 is required. Bid fees must be wired to the Distribution Companies, allocated to each Distribution Company in

accordance with the allocation percentages applicable pursuant to the instructions contained in Appendix H to this RFP. The bid fee must be wired no later than the Confidential Proposal Submission Deadline, as defined in Section 1.7.1. No applications will be reviewed without a bid fee. Before bidders submit their proposals and bid fees, they are strongly encouraged to verify that the bid submittal meets all of the requirements of this RFP. Submission of bid fees does not obligate the Distribution Companies to select any project.

If the total amount of the bid fees collected is not adequate to cover the cost of the evaluation, the Distribution Companies may either seek recovery of that shortfall through retail rates or terminate the evaluation and selection process under this RFP. If this RFP is terminated, uncommitted bid fees will be returned. **In no other event will any portion of the bid fees be refunded, without regard to whether a bid is selected, or the stage of the evaluation at which a bid may be no longer considered.**

2 Bid Evaluation and Selection Criteria and Process

2.1 Introduction/Overview of the Process

The review of proposals will occur in three stages. In Stage One, proposals will be reviewed to ensure that they meet eligibility and threshold requirements. In Stage Two, proposals will be evaluated based on specified quantitative and qualitative criteria. In Stage Three, the Evaluation Team will conduct further evaluation of remaining proposals based on the Stage Two quantitative and qualitative evaluation criteria and, at their discretion, additional factors, to ensure selection of viable projects that provide cost-effective, reliable Offshore Wind Energy Generation with limited risk.

The Evaluation Team reserves the right, at any stage, to disqualify and eliminate from further consideration any proposal that the Evaluation Team reasonably believes does not meet the requirements set forth below. During any stage of the process, if the Evaluation Team determines that any proposal is deficient and/or missing applicable information, the Evaluation Team may, at its discretion, notify the respective bidder, and provide that bidder a reasonable opportunity to cure the deficiency and/or supply the missing information.¹³ However, it is the bidder's responsibility to ensure that all proposals are accurate and complete upon submission. Communication between the Evaluation Team and the bidder will be governed by Section 1.6 of this RFP.

¹³ Any opportunity to cure a deficiency and/or supply missing information offered by the Evaluation Team will be subject to a limited response period consistent with the stage of the evaluation process and overall schedule identified in Section 3.1 of this RFP. The Evaluation Team will identify applicable response deadlines in its communications to bidders.

2.2 Stage One

2.2.1 Eligibility, Threshold, and Other Minimum Requirements

Proposals that fail to meet one or more of the following eligibility requirements may be disqualified from further review and evaluation.

2.2.1.1 Eligible Bidder

An eligible bidder is a developer of Offshore Wind Energy Generation, or an entity in possession of the development rights to Offshore Wind Energy Generation.

2.2.1.2 Eligible Proposal Size

The Distribution Companies are seeking to procure at least 400 MW and up to 1600 MW of Offshore Wind Energy Generation. This solicitation allows bidders to offer proposals from 200 MW up to 1600 MW.¹⁴ There is no preferred bid size.¹⁵

Eligible bidders submitting multiple alternative proposals must specify whether any of their proposals are negatively contingent upon any of their other proposals (i.e., eligible bidders must specify whether acceptance of a certain proposal or proposals will preclude the Distribution Companies from accepting some other proposal(s) submitted by the same eligible bidder).

If a bidder proposes to construct an eligible project in phases, there will be limits to the number of phases allowed. In general, a project of 1600 MW may not consist of more than 4 phases, a project of 800 MW may not consist of more than two phases, and a project of 400 MW or less may not consist of more than one phase (generally, a maximum of 400 MW per phase). Descriptions of additional phasing permutations and their allowability are discussed in Appendix K. Associated dates for commercial operation of each phase must be offered. As noted in Section 2.2.1.6 below, in recognition of the 15 to 20 year contract term, the Evaluation Team may issue multiple Long Term Contracts for the selected projects developed in multiple phases. Bidders should specify their proposed timing of phases and proposed associated contracts.

¹⁴ The nominal maximum size of a proposal is 1600 MW; provided that a bidder's proposal may exceed 1600 MW by an amount that is not more than one-half of the nameplate capacity of the expected wind turbine size proposed by the bidder.

¹⁵ Projects that bidders propose should be sized and designed to efficiently and cost-effectively use available lease area(s), interconnection point(s), transmission cabling, and other infrastructure required for the production and delivery of the Offshore Wind Energy Generation.

2.2.1.3 Eligible Bids

An eligible bidder proposing to sell Offshore Wind Energy Generation and/or associated RECs pursuant to a Long-Term Contract must propose a price schedule for energy deliveries that conforms to this Section 2.2.1.3 and to Section 2.2.1.4 of this RFP.

All proposals must provide for a scheduled commercial operation date before January 1, 2030.

All proposals must include a commitment to interconnect to the ISO-NE Pool Transmission Facilities (“PTF”) at a level equivalent to the Capacity Capability Interconnection Standard, as defined by ISO-NE, and supporting information must accompany the proposal as described below.

The bidder must provide production/delivery profile schedules of Offshore Wind Energy Generation with each proposal. Bidders are encouraged to provide a production/delivery schedule that is as accurate as possible based on historical weather data and consistent with the expected upgrades proposed in their bids. In accordance with Section 83C, proposals must be cost effective for ratepayers over the duration of the Long-Term Contract and allow for the mitigation of environmental impacts.

Proposals may pair Offshore Wind Energy Generation with Energy Storage Systems. If a bidder proposes Energy Storage System pairing as an option to a bid without the Energy Storage System, this will be considered two separate bids by the Evaluation Team. To be paired with the proposed Offshore Wind Energy Generation facility, the operation of the Energy Storage System must be associated with the Offshore Wind Energy Generation and defined in the bidder’s marked Form PPAs. The bidder proposing Offshore Wind Energy Generation paired with Energy Storage Systems must fill out the CPPD form such that the Offshore Wind Energy Generation profile (production/delivery profile) is provided both with and without operation of the Energy Storage System consistent with the proposed operational requirements and commitments. Bidders should propose Energy Storage operations that demonstrate the most value for Massachusetts ratepayers (e.g. by following the Commonwealth’s anticipated load shape or delivering on peak).

A seller of Offshore Wind Energy Generation who fails to deliver energy and/or RECs as agreed in its contract with the Distribution Company may be responsible for liquidated damages for the energy and/or associated RECs not provided. The Form PPAs included in Appendix B-1 and B-2

contain the terms and conditions for the sale of Offshore Wind Energy Generation and RECs.¹⁶

An Eligible Bidder's proposal to sell RECs or Offshore Wind Energy Generation and associated RECs pursuant to a Long-Term Contract must include the construction and operation of the Offshore Delivery Facilities and all associated facilities required for delivery from the Offshore Wind Energy Generation facilities directly to the corresponding onshore ISO-NE PTF system facilities, as well as cost of associated network upgrades, and, if applicable, Energy Storage Systems.¹⁷ A proposal in which there will be a single point of interconnection and delivery will be considered a single bid. Similarly, a bid in which there will be two points of interconnection and delivery, with a specified allocation of energy delivered to each point of interconnection, will also be considered a single bid for evaluation purposes. If a bid has an alternate point(s) of interconnection and delivery, the alternate interconnection/delivery proposal will be considered a separate bid for evaluation purposes, which will require an additional bid fee pursuant to Section 1.10. Proposals must provide for payment from the Distribution Companies to the bidder through an all-in price schedule for RECs or Offshore Wind Energy Generation and associated RECs, that includes the cost of such Offshore Delivery Facilities, as well as cost of associated network upgrades, and, if applicable, Energy Storage Systems, incorporated into the Long-Term Contract, and which is compliant with Section 2.2.1.4 of this RFP.

Each bid submitted must also include a commitment to enter into a Voluntary Agreement, (see the Commitment Agreement as provided as Appendix G to this RFP). This Commitment Agreement includes a commitment that, in the event future Third-Party Offshore Wind Developers request interconnection service on the bidder's Interconnection Customer Interconnection Facilities (ICIF), bidder will negotiate in good faith and use commercially reasonable best efforts to enter into a Voluntary Agreement with such Third-Party Offshore Wind Developers regarding interconnection to and expansion of such ICIF to accommodate the Third-Party Offshore Wind Developer's request. Such a Voluntary Agreement must incorporate study, interconnection, delivery service, and other provisions at least as favorable to said Third-Party Offshore Wind

¹⁶ The National Grid form provides for an Event of Default and possible termination of the PPA in the event that the average operability of the Offshore Wind Energy Generation facility, as measured by ISO-NE, is significantly below a specified standard over rolling two-year periods.

¹⁷ Bidders should describe the extent to which their proposed interconnection design and location use the available interconnection point(s) and proposed transmission infrastructure efficiently.

Developers as the provisions of ISO-NE OATT Schedules 22 and 23 are to requesters of service thereunder.¹⁸

2.2.1.4 Pricing Requirements; Allowable Forms of Pricing

- i. Pricing for Offshore Wind Energy Generation and associated RECs must conform to the following pricing requirements:
 - a. The nominal levelized price of any proposal must be less than \$77.76 per MWh.¹⁹ Pricing must be designed to recover all costs associated with the proposal, including but not limited to the cost of Offshore Wind Energy Generation, cost of Offshore Delivery Facilities, cost of network upgrades, and, if applicable, Energy Storage Systems.²⁰

National Grid Proposal (in lieu of a. above, and only if approved by the DPU would apply to proposals to all three Distribution Companies):

¹⁸ As utilized in this RFP, “Voluntary Agreement” means a voluntary agreement as contemplated in FERC Order No. 807, 150 FERC ¶ 61,211 (2015), at PP 117-18 providing interconnection and/or delivery service to a Third Party Offshore Wind Developer without the need for a FERC order under Sections 210, 211, and 212 of the Federal Power Act (“FPA”). For the avoidance of uncertainty, note that the RFP does not require a bidder to waive any other rights under Order No. 807, including with respect to excess or unused capacity on its ICIF as initially constructed, such as those reserved by FERC regulations at 18 CFR §§ 35.28(d)(2)(ii)(A)-(B). Rather, the RFP requires only that a bidder pursue a voluntary agreement as discussed in FERC Order No. 807 at PP 117-118 if a third party requests studies and potential expansion of the bidder’s ICIF to accommodate third party interconnection without the need for said third party to pursue its rights in the first instance via FPA Sections 210, 211, and 212. Such commitment to enter into a Voluntary Agreement (see the Commitment Agreement included as Appendix G hereto) ultimately executed by the winning bidder in favor of the Distribution Companies, as well as any future Voluntary Agreements, shall be filed with FERC for acceptance pursuant to FPA Section 205.

¹⁹ The \$77.76/MWh nominal levelized price is equivalent to the \$58.47/MWh 2019 real dollars levelized price from the contracts executed by the Distribution Companies with Mayflower Wind Energy, LLC in the 2019 83C procurement. Section 83C(b) states “the department of public utilities shall not approve a long-term contract that results from a subsequent solicitation and procurement period if the levelized price per megawatt hour, plus associated transmission costs, is greater than or equal to the levelized price per megawatt hour plus transmission costs that resulted from the previous procurement.” For the purposes of confirming pricing under 2.2.1.4 (i), the levelized nominal price will be calculated in the following manner. The numerator (\$) is the product of annual energy bid prices plus annual REC bid prices (\$/MWh) multiplied by the annual energy generation (MWh) expected from the project. The denominator (MWh) is the annual energy generation (MWh) expected from the project. The net present value of the numerator and the denominator is discounted over 20-years using the Distribution Companies’ load weighted average cost of capital (WACC) of 7.15% as was utilized in the 2019 83C procurement. The resulting quotient yields the \$/MWh metric. The Distribution Companies and Mayflower Wind executed the contracts, from which the \$77.76/MWh nominal levelized price is taken, prior to the extension and increase of the Investment Tax Credit (“ITC”) in December 2020. Under said contracts, the Product Price of \$77.76/MWh will be adjusted to as low as \$70.26/MWh if and when Mayflower Wind, LLC qualifies for the 30% ITC.

²⁰ The CPPD Form contains the calculation comparing the Proposal price with the nominal levelized price of the contract produced from the previous procurement. The Evaluation Team will utilize this calculation to determine Proposal eligibility and will not rely on any independent bidder calculations for nominal levelized price per MWh.

i. The nominal levelized price of any proposal must be less than \$77.76 per MWh,²¹ subject to the following:

ii. In the event that the project receiving PPAs under 83C Round 2 (Mayflower Wind) goes into service and qualifies for the 30% ITC, resulting in a reduction in price under the Mayflower Wind PPAs from \$77.76 per MWh to \$70.26 per MWh, then the nominal levelized price of any proposal must be less than \$70.26 per MWh.

To effectuate compliance with these limitations, any proposal submitted with a nominal levelized price less than \$77.76 per MWh (in accordance with the pricing requirement in i. above) but greater than or equal to \$70.26 per MWh (i.e. the levelized price/MWh resulting from the previous procurement in the event the project from that procurement qualifies for the 30% ITC) must also include an additional nominal levelized price (with pricing designed and calculated as described in i. above) that is less than \$70.26 per MWh, and commit to that additional price as the Price per MWh for the Products in the event the project from the prior procurement does achieve the 30% ITC upon its COD. Other than the price differences due to differences in ITC, proposals under i. and ii. must be identical in every respect. No additional bid fee is required for any proposal required to submit this additional price. Proposals with one price submitted pursuant to i. above which is both less than \$77.76 and less than \$70.26 are not required to submit an additional price, and will be committing to that one Price per MWh for the Products regardless of whether the project from the prior procurement achieves the 30% ITC.

- b. A proposal to sell RECs or Offshore Wind Energy Generation and associated RECs must propose a price on a fixed \$/MWh and/or \$/REC basis, as applicable. Prices may be the same each year or change by a defined rate or amount over time. If bidders are proposing the pairing of an Energy Storage System, any applicable costs must be included in the proposal to sell RECs or Offshore Wind Energy Generation and associated RECs and must be on a \$/MWh and \$/REC basis, as applicable.

²¹ The methodology and discount rate used to calculate this value is the same as described in footnote 19. Pricing must be designed to recover all costs associated with the proposal, including but not limited to the cost of Offshore Wind Energy Generation, cost of Offshore Delivery Facilities, cost of network upgrades, and, if applicable, Energy Storage Systems.

- c. Payments must be calculated on a \$/MWh and/or \$/REC basis for actual products delivered. No lump sum payments, pre-payments or fees shall be paid.
- d. If a bidder is proposing a multi-phased project under multiple contracts (e.g., one for each phase), the nominal levelized price per MWh must be the same across all phases.
- e. Proposals including Offshore Wind Energy Generation and RECs must provide separate prices for such Offshore Wind Energy Generation and RECs. Pricing for RECs as a percentage of the total proposed pricing of both Offshore Wind Energy Generation and RECs must be no less than 20% for each contract year of a project proposal.
- f. Proposals for RECs only must be priced in \$/REC, and only RECs produced by the designated facility that conform to the RPS Class 1 eligibility criteria will be purchased.

Under the terms of the Long Term Contract, in the event that the Locational Marginal Pricing (“LMP”) for the Offshore Wind Energy Generation at delivery point is less than \$0.00 per MWh in any hour, then the Buyer will purchase the Delivered Energy and/or RECs at the contract rate and Seller shall credit to Buyer, on the appropriate monthly invoice, an amount equal to the product of (i) such Offshore Wind Energy Generation Delivered in each such hour; and (ii) the absolute value of the hourly LMP at such Delivery Point.

2.2.1.5 Bidder Disclosure of Affiliations and Affiliate Relationships

All bidders are required to disclose any and all affiliations and affiliate relationships, joint ventures or other project teams or associations, or wholly owned subsidiaries in such detail as to allow the Evaluation Team to be able adequately determine the bidder’s corporate structure as described in Appendix A to this RFP. Bidders are required to provide complete and accurate information. Any bidder failing to provide complete and adequate information will not be considered eligible under this solicitation.

In addition, bidders are required to disclose and document any and all direct and indirect affiliations and affiliate relationships, contractual, financial or otherwise, between the bidder and any of the Distribution Companies and their affiliates, including any relationship in which any 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 would encompass, but are not be limited to:

- Corporate or other joint arrangements, joint ventures, joint operations whether control exists or not;
- Minority ownership (less than 50 percent (50%) investee);
- Joint development agreements;
- Project agreements;
- Operating segments that are consolidated as part of the financial reporting process;
- Related parties with common ownership;
- Credit, debenture, and financing arrangements, whether a convertible equity feature is present or not; and
- Wholly owned subsidiaries.

2.2.1.6 Contract Term

The contract term for Long-Term Contracts is defined by Section 83C as a contract for a period of 15 to 20 years. Within these statutory parameters, bidders are encouraged to make their own determination as to the product delivery term that best fit their needs while meeting the requirements of this RFP. In recognition of the 15 to 20-year contract term specified in Section 83C, and if projects are developed in multiple phases, the Distribution Companies will consider issuance of multiple contracts (but not to exceed four for a 1600 MW proposal). Bidders should state their proposed number and timing of contracts and phase sizes consistent with these requirements, Section 2.2.1.2 and Appendix K.

2.2.1.7 Capacity Requirements

- a. Each proposal must include a commitment to interconnect to the ISO-NE PTF at a Capacity Capability Interconnection Standard (“CCIS”) equivalent level. Each proposal must include a commitment to complete the Forward Capacity Auction Qualification (“FCAQ”) process set forth in Section III.13.1 of Market Rule 1 of ISO-NE’s Transmission Markets and Services Tariff, and to meet all FCAQ requirements in order to establish its ability to interconnect at this level. Each Bidder’s proposal must use the ISO-NE FCA Wind Qualification Template spreadsheet to approximate the qualified capacity associated with its proposed Offshore Wind Energy Generation project. The final amount of capacity to be requested and submitted by the bidder under the FCAQ will be determined in the ISO-NE FCA Wind Qualification Template spreadsheet, updated by the bidder with the required time series data for

each of the most recent Capability Years for which there is supporting data at that time.

- b. Final determination of the network upgrades and other interconnection features required to support a bidder's CCIS-equivalent interconnection will be determined by the ISO-NE under the FCAQ process. However, each proposal must include a realistic and specific plan to implement any transmission system upgrades or other work anticipated to be needed to achieve CCIS-equivalent interconnection, as identified under the FCAQ process. To the extent that ISO-NE studies have not yet been conducted to ascertain the network upgrades and other interconnection costs required to achieve such CCIS-equivalent interconnection at the time of bidding, a bidder may include a preliminary non-binding overlapping impact study conducted by ISO-NE to identify the potential upgrades and associated costs that would be required by ISO-NE's CCIS interconnection determination, or may identify such costs through relevant studies and analyses performed by bidders or their consultants that approximate the ISO-NE interconnection process. These studies and their supporting documentation, assumptions, and data must match closely ISO-NE study requirements for CCIS-equivalent interconnection. The Evaluation Team expects bidders to provide studies that are consistent with ISO-NE's approach and that approximate what the ISO-NE results would be.
- c. Notwithstanding a. and b. above, once a bidder has completed the FCAQ process to establish the upgrades necessary to interconnect to the PTF at the CCIS level, it need not continue on to actually obtain a Capacity Supply Obligation ("CSO") or participate in any Forward Capacity Auction ("FCA"). Obtaining a CSO or participating in any FCA is at the discretion of the bidder. The Distribution Companies will not purchase capacity under the Long-Term Contracts, and bidders will retain any Forward Capacity Market ("FCM") revenues received from ISO-NE.

2.2.1.8 Interconnection and Delivery Requirements

The delivery of Offshore Wind Energy Generation from a generation unit must occur throughout the term of the contract. Substitution of non-Offshore Wind Energy Generation is not allowed for delivery or firming of delivery. It is the responsibility of the bidder to satisfy the delivery requirement. The delivery point must be located so that Distribution Companies are not responsible for wheeling charges to move energy to the PTF. The Distribution Companies will not be responsible for any costs associated with delivery other than the payment of the bid prices. Similarly,

Distribution Companies will not be responsible for any scheduling associated with delivery.

The bidder will be responsible for all costs associated with and/or arising from: (a) qualification in the FCAQ and interconnecting its project to the PTF at both the Network Capability Interconnection Standard (“NCIS”) and a CCIS-equivalent level and (b) for ensuring that the Offshore Wind Energy Generation is recognized in ISO-NE’s settlement system as injected in the ISO-NE energy market at the specified and agreed delivery point. Regardless of whether or not the bidder elects to obtain a CSO and participate in the FCA, the bidder must complete any upgrades that are identified in the FCAQ process to interconnect at a level equivalent to CCIS.

Bidders must demonstrate that their proposed point of delivery into ISO-NE, along with their proposed interconnection and transmission upgrades, is sufficient to ensure full delivery of the proposal’s Offshore Wind Energy Generation profile (production/delivery profile) as submitted in their bids. Proposals must include all interconnection and transmission upgrade costs required to ensure full delivery of the proposed Offshore Wind Energy Generation profile, including transmission upgrades that may need to occur beyond the point of interconnection.

The production/delivery profile submitted by the bidder should reflect any remaining projected constraints or curtailments, if any, associated with the proposal (after inclusion of any network upgrades associated with application of the NCIS and CCIS-equivalent interconnection standard). If a bidder desires to reduce further any constraints or curtailments associated with its proposals, it must identify additional network upgrades (which would be instituted through an elective process with ISO-NE for which the bidder would have cost responsibility), estimated costs to achieve this result, and the production/delivery profile associated with the proposed level of network upgrades, all with supporting studies and information.

Regardless of the approach followed, bidders must demonstrate that their Offshore Wind Energy Generation profile is consistent with the network upgrades identified in their proposal and that their proposed interconnection and transmission upgrades are sufficient to support full delivery of their Offshore Wind Energy Generation profile.

At no time will one or more Distribution Companies assume the responsibility of Lead Market Participant, as defined by ISO-NE.

The generation unit shall comply with all ISO-NE and FERC interconnection requirements for generation facilities and interregional ties, as applicable. All RECs associated with the Offshore Wind Energy

Generation and purchased pursuant to the Long-Term Contract must be delivered into the Distribution Companies' NEPOOL GIS accounts.

To meet this requirement, bidders must submit a plan that clearly demonstrates how Offshore Wind Energy Generation will be delivered from or by the proposed eligible project to the delivery point that is a PTF Node as outlined in Section 6 of Appendix A to this RFP.

The bidder must detail the status (and conclusions, as available) of interconnection applications and studies, as further described in Section 6 of Appendix A to this RFP.

All bidders must have filed interconnection requests for Capacity Network Resource service with ISO-NE as necessary and sufficient to gain a full understanding of the maximum expected interconnection costs for their proposed Offshore Wind Energy Generation capacity(ies).

Projects that have received their I.3.9 approval from ISO-NE must identify that approval and include documentation thereof in their proposal. Proposals for projects that do not have I.3.9 approval from ISO-NE must include an ISO-NE Feasibility Study or a study performed by a third party in accordance with the Network Capability Interconnection Standard as defined by ISO-NE Planning Procedure 5-6. All technical reports or system impact studies should 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.

Projects with a Qualification Determination Notification ("QDN") from ISO-NE for their proposed capacity amount and commitment period as described in Section 2.2.1.7 of this RFP must include all QDN documentation in their proposal. All projects that do not have a QDN for their proposed capacity amount and commitment period must provide a study performed by ISO-NE or a third party in accordance with ISO-NE Planning Procedure 10 in order to prove ability to interconnect at the Capacity Capability Interconnection Standard. All technical reports or studies must reflect the current ISO-NE interconnection process and must also detail any assumptions with respect to projects that are ahead of the proposed project in the ISO-NE interconnection queue and any assumptions as to changes to the transmission system that differ from the current ISO-NE Regional System Plan.

Proposals are strongly encouraged to include a scenario analysis in their studies that shows how changes in the project interconnection queue could impact their interconnection costs using the current ISO interconnection

rules. Proposals are encouraged to include additional reports, analysis, and studies that support their interconnection and deliverability.

The burden is on bidders to provide the Evaluation Team with information, analysis, and studies required by the Evaluation Team in order to make a determination that the proposal includes all costs associated with completing the upgrades that would be required by ISO-NE's NCIS and CCIS. Bidders must provide adequate information and analyses regarding the upgrades and must explain how the identified upgrades will satisfy this interconnection standard.

2.2.1.8.1 Deliverability Constraint Analysis

In addition to the studies and analyses provided pursuant to Section 2.2.1.8, above, bidders must also provide the additional deliverability constraint analysis described in Appendix I. Unlike the studies and analyses required by Section 2.2.1.8, the Appendix I constraint analysis required under this Section 2.2.1.8.1 is required for informational purposes, and bidders are not required to identify network upgrades or change other aspects of their bids to address any issues disclosed by this analysis, which is intended to identify constraints or potential constraints to help inform the Evaluation Team's quantitative modeling, including its understanding of general transmission issues.

2.2.1.9 Proposal Completeness: Bidder Response Forms and the Form PPAs

Bidders must follow the instructions provided in Appendix A to this RFP and provide complete responses. Bidders are also required to fill out Appendix C to this RFP. Bidders are required to provide the information specified in each section of the CPPD. If any of the information requested is inconsistent with the type of technology or product proposed, the bidder should include "N/A" and describe the basis for this determination.

Appendices B-1 and B-2 to this RFP are the Form PPAs for this solicitation. Bidders must submit with their proposals marked versions of the Form PPAs showing their specific proposed changes to the Form PPAs. The marked Form PPAs should reflect any proposed phases of the project and/or need for multiple contracts (if a Bidder proposes two contracts for two phases, the markup should include both contracts). Bidders must submit any proposed changes to the Commitment Agreement or affirm its willingness to accept the form agreement as is. Bidders are discouraged from proposing any material changes or conditions to the Form PPAs and the Commitment

Agreement, and the Distribution Companies have no obligation to accept any specific proposed changes or conditions.

2.2.1.9.1 Bid Fees

Each applicant must submit the bid fee by the Confidential Proposal Submission Deadline for each proposed eligible project as described in Section 1.7.1 of this RFP.

2.2.2 Threshold Requirements

Proposals that meet all the eligibility requirements will be evaluated to determine compliance with threshold requirements, which attempt to screen out proposals that are insufficiently mature from a project development perspective; lack technical viability; impose unacceptable balance sheet impacts on the Distribution Companies; do not satisfy the minimum requirements set forth in Section 83C; are not in compliance with RFP requirements ; or fail to satisfy minimum standards for bidder experience and ability to finance the proposed project. The threshold requirements for this RFP are set forth below.

2.2.2.1 Site Control and Related Agreements

The bidder must demonstrate that it has a federal lease issued on a competitive basis after January 1, 2012 for an Offshore Wind Energy Generation site that is located on the Outer Continental Shelf and for which no turbine is located within 10 miles of any inhabited area. Further, the bidder must demonstrate that it has a valid lease, or option to lease, for marine terminal facilities necessary for staging and deployment of major project components to the project site. The bidder must also detail the proposed interconnection site and both the off-shore and the on-shore route and describe what rights the bidder has to both, and provide a detailed plan and timeline for the acquisition of any additional necessary rights. The bidder may identify alternative offshore and onshore routes to the proposed delivery point(s), describing the factors relevant to which route(s) will be ultimately selected. For each route the bidder must: (i) specifically describe the portions of the route for which the bidder has acquired sufficient rights to locate its Offshore Delivery Facilities proposed under section 2.2.1.3,²² above, and associated onshore transmission and interconnection facilities, and (ii) provide a reasonable and achievable detailed plan (with a timeline) to acquire sufficient rights to the remainder of the necessary Offshore Delivery Facilities and onshore transmission and interconnection routes and

²² Thus, site control information as described in this section must be provided for all Offshore Delivery Facilities associated with the bid.

locations. The required information and documentation shall include the following:

- i. Plans, including a map of the Offshore Wind Energy Generation site, a map showing the location of the marine terminal facility, the proposed water routes to the project site, a map of the proposed interconnection that includes the path from the Offshore Wind Energy Generation site to the onshore interconnection location, and all on-shore transmission and interconnection locations and details and associated Offshore Delivery Facilities. Maps should be of scales allowing identification of significant marine and terrestrial features, e.g. shellfish management areas, parks, highways, etc.;
- ii. A description and listing of all government-issued permits, approvals, and authorizations that have been obtained or need to be obtained for the use and operation of the Offshore Wind Energy Generation site, the proposed onshore interconnection and transmission locations, and associated Offshore Delivery Facilities and the location(s) of such facilities. Provide copies of any permits, approvals, and authorizations obtained, and a detailed plan and timeline to secure the remaining permits, approvals, and authorizations for all offshore and onshore routes;
- iii. A copy of each of the leases, agreements, easements, and related documents granting the right to use the Offshore Wind Energy Generation site, the marine terminal for deployment of major project components, and, if available, the transmission and interconnection locations (and applicable letters of intent if formal agreements have not been executed);
- iv. A copy of each of the related leases, agreements, easements, and related documents that have been obtained for the route of the Offshore Delivery Facilities proposed under section 2.2.1.3. above (and applicable letters of intent if formal agreements have not been executed); and,
- v. A description of the area surrounding any land-based project area, including the marine terminal for deployment of major project components and all transmission and interconnection facility locations, and a copy of each of the related leases, agreements, easements, and related documents that have been obtained (and applicable letters of intent if formal agreements have not been executed).

2.2.2.2 Technical and Logistical Viability, Ability to Finance the Proposed Project

The bidder must demonstrate that the technology it proposes to use is technically viable. Technical viability may be demonstrated by showing that the technology is commercially available, is reasonably expected to be commercially available prior to the commencement of project construction, or has been used successfully as outlined in Section 8 of Appendix A to this RFP.

The bidder must demonstrate the logistical viability of the project through a construction plan covering the necessary specialized equipment (e.g. vessels), applicable maritime law (e.g. the Jones Act), and local port facilities to complete project deployment.

The bidder must also demonstrate the financial viability of the proposed eligible project, including the funding of development costs and the required development period security, the reasonableness of the transmission/network upgrades project scope and cost estimates, and the ability to acquire the required equipment in the time frame proposed (see Section 5 of Appendix A to this RFP).

2.2.2.3 Experience

The bidder must demonstrate that it has sufficient relevant experience and expertise, as applicable, to successfully develop, finance, construct, and operate and maintain its proposed eligible project. Development, financing, and construction experience can be established by demonstrating that key member(s) of the bidder's development team have undertaken project management responsibilities, including:

1. Successful development and construction of a similar type of project; or
2. Successful development and construction of one or more projects of similar size or complexity or requiring similar skill sets; or
3. Experience successfully financing power generation or transmission projects (or demonstrating the financial means to finance the eligible project on the bidder's, eligible project developer's or eligible project owner's balance sheet).

Operations and maintenance experience should be addressed as outlined in Section 9 of Appendix A to this RFP.

2.2.2.4 Providing Enhanced Electricity Reliability within the Commonwealth

Section 83C requires that the proposed project must demonstrate that it will “provide enhanced electricity reliability.” This requirement can be satisfied by the bidder’s agreement not to commit any qualifying capacity to any control area other than ISO-NE, even if capacity is not included in its bid, as described above. Bidders may provide other demonstrations that will be considered in determining whether this threshold requirement is satisfied.

2.2.2.5 Contribution to Reducing Winter Electricity Price Spikes

The project must demonstrate that the proposed project will contribute to a reduction in winter electricity price spikes.

2.2.2.6 Avoid Line Loss and Mitigating Transmission Costs to the Extent Possible and Ensuring that Transmission Cost Overruns, if any, are not Borne by Ratepayers

The proposed project must demonstrate its approach to avoiding line loss. Section 83C requires that any transmission cost overruns are not to be borne by ratepayers, which can be satisfied by submitting a compliant bid in response to this RFP.

2.2.2.6.1 Abandonment Costs

Under no circumstances will the Distribution Companies be responsible for any abandoned plant costs or liability.

2.2.2.7 Adequately Demonstrate Project Viability in a Commercially Reasonable Timeframe

A bidder must demonstrate that its proposal can be developed, financed, and constructed within a commercially reasonable timeframe.

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 complete the project reasonably consistent with the proposed Commercial Operation Date. The bidder should include critical milestones in its markup to the Form PPAs that are consistent with its proposal and are reasonably achievable.

2.2.2.8 Contribution to Employment; Economic Development Benefits

Section 83C requires that, where feasible, a proposed project demonstrate that it creates additional employment and economic development in the Commonwealth. This requirement can be satisfied, for example, by a showing of:

1. Employment benefits associated with the proposed project; or,
2. Other economic development benefits associated with the proposed project.

The Evaluation Team will consider a broad range of other economic development benefits that could be achieved by a proposed project. The proposal shall include a timeline of the short-term and long-term economic development benefits. The bidder must provide factual support for its employment and economic development projections, and reflect any associated commitments in agreements with applicable governmental and nongovernmental entities.

Bidders committing to economic development benefits with specific commitments (e.g. specific grants or specific commitments to industries) that are included in the proposal but not reflected in agreements at the time of bidding will be required to negotiate and execute a contractual commitment (e.g. Memorandum of Understanding) with the applicable governmental entity or entities to ensure that the economic benefits are actually obtained and tracked. This contractual commitment will be required before the related Long Term Contract(s) resulting from this solicitation are executed by the Distribution Companies.

2.2.2.9 Utilizing an Appropriate Tracking System to Account and Enable for GWSA Goals

The proposed project must demonstrate that it will utilize an appropriate tracking system to ensure a unit specific accounting of the delivery of Offshore Wind Energy Generation, to enable the Department of Environmental Protection, in consultation with the DOER, to accurately measure progress in achieving the Commonwealth's goals under Chapter 298 of the Acts of 2008 or Chapter 21N of the General Laws.

2.2.2.10 Environmental and Related Impacts

Section 83C requires that, where possible, a proposed project must demonstrate that it mitigates any environmental impacts. The proposed project must demonstrate through a fisheries mitigation plan its proposed

approach to avoid, minimize and mitigate impacts on the commercial fishing industry.

2.2.2.11 Security Requirements

Proposals that are selected will be required to post security.

The required level of security for each Long-Term Contract is \$40,000 multiplied by the Contract Maximum Amount (as defined in the Draft Contract, Appendix B-1 and B-2 to this RFP) in MW for the generation unit. Fifty percent (50%) of the security must be provided at the time of contract execution. The remaining 50 percent (50%) of the security must be provided upon regulatory approval of the Long-Term Contract. Security will be promptly returned if the applicable regulatory agency does not approve the Long-Term Contract.

If a project is being developed in phases and under separate contracts, additional security equal to \$37,500/MW per Long Term Contract shall be required to secure the completion of both phases, to be provided at commercial operation of the first phase of the project.

The Distribution Companies will not provide any financial security or parent guaranty under any circumstances.

The required security must be in the form of a letter of credit from a U.S. commercial bank or the U.S. branch of a foreign bank, in either case having (i) assets on its most recent balance sheet of at least \$10 billion and (ii) a credit rating of at least A2/A. More detail on the security requirements is included in the Form PPAs.

2.2.2.12 Unreasonable Balance Sheet Impacts

A Distribution Company may decline to pursue a proposal if the proposal's terms and conditions would result in a contract obligation that places an unreasonable burden on the Distribution Company's balance sheet. However, Distribution Companies are required to take all reasonable actions to structure their contract pricing or administration for the products purchased to mitigate impacts on the balance sheet or income statement of the Distribution Company or its parent company, subject to approval of the DPU. Mitigation of these measures must not increase costs to ratepayers. Each Distribution Company retains the right to make such a determination based upon the evaluation of particular proposals.

2.2.2.13 Facilitate Financing of Offshore Wind Energy Generation

Proposals that seek to qualify for consideration under Section 83C must demonstrate that the proposal advances the goal of Section 83C for the selection of cost-effective Long-Term Contracts that facilitate the financing of Offshore Wind Energy Generation resources. The bidder should specify how Long-Term Contracts resulting from this RFP process would either permit it to finance a project proposed in response to this RFP that would otherwise not be financeable, or assist it in obtaining financing of its project.

2.3 Stage Two—Quantitative and Qualitative Analysis

Proposals that meet the requirements of Stage One will be subject to a quantitative and qualitative analysis in Stage Two, evaluating the costs and benefits of each proposal as a mechanism to procure reliable renewable energy on a long-term basis to the benefit of ratepayers. The results of the quantitative and qualitative analyses will be a relative ranking and scoring of all proposals. Stage Two scoring will be based on a 100-point scale. Proposals will be scored with up to 70 points for quantitative factors and up to 30 points for qualitative factors for purposes of conducting the Stage Two evaluation. The increase from 25 to 30 points for qualitative factors was adopted in this solicitation to increase the evaluation's emphasis on RFP Sections 2.3.2.i, 2.3.2.ii, and 2.3.2.vii.

2.3.1 Evaluation Using Quantitative Evaluation Criteria

Proposals will be evaluated on their direct and indirect economic and environmental costs and benefits to ratepayers as detailed in the following sections.

2.3.1.1 Direct Contract Costs & Benefits

Proposals will be evaluated on both direct contract price costs and benefits and other costs and benefits as outlined below to retail consumers. Direct contract price costs and benefits for evaluation may include, but may not be limited to:

- i. Offshore Wind Energy Generation will be evaluated on a mark-to-market comparison of the price of any eligible Offshore Wind Energy Generation under a contract to projected market prices at the delivery point with the project in-service;
- ii. RPS Class I eligible RECs from the Offshore Wind Energy Generation resources projected to be used for RPS and Clean Energy Standard compliance by the Distribution Companies or Massachusetts retail electric suppliers will be evaluated using a comparison of the contract prices of such RECs to the avoided REC prices projected for the market without the

proposed project in-service. Any RPS Class I eligible RECs from the Offshore Wind Energy Generation resources projected to be in excess of Massachusetts requirements will be valued using a comparison of the contract REC prices to the projected REC market prices with the proposed project in-service.

- iii. Offshore Wind Energy generation resources will be evaluated on the value of their ability to produce and supply CPECs to meet customer needs if such value is reliably quantifiable and meaningful.
- iv. The direct benefits of any applicable Energy Storage System will be evaluated in accordance with (i), (ii) and (iii) above.

2.3.1.2 Other Costs & Benefits to Retail Consumers

The quantitative evaluation process will include an evaluation of additional economic and environmental costs and benefits of the proposals to ratepayers in the Commonwealth, which may include, but may not be limited to:

- i. The impacts of changes in LMP paid by ratepayers in the Commonwealth, taking into consideration contracts already executed by the Distribution Companies;
- ii. The impacts on RPS and/or Clean Energy Standard compliance costs paid by ratepayers in the Commonwealth;
- iii. Additional impacts, if any, from the proposal on the Commonwealth's GHG emission rates and overall ability to meet GWSA requirements will be evaluated using an economic proxy value for their contribution to GWSA requirements, as determined by the Evaluation Team;
- iv. Indirect impacts, if any and to the extent the Evaluation Team determines such impacts are reliably quantifiable, for retail ratepayers on the capacity or ancillary services market prices with the proposed project in service
- v. The impact on contributing to reducing winter electricity price spikes; and
- vi. Indirect impacts for retail ratepayers on CPEC market prices, if any and to the extent the Evaluation Team determines such impacts are reliably quantifiable and meaningful, with the proposed project in service

The reference case system topology will be based on the most recent ISO New England Capacity, Energy, Load and Transmission (“CELT”) report. The evaluation process will include an evaluation of benefits using the outputs from an electric market simulation model or models.

2.3.1.3 Quantitative Evaluation Metrics

The quantitative evaluation will use as the quantitative evaluation metric real levelized dollars per megawatt-hour (\$/MWh), or another metric to be determined by the Evaluation Team prior to evaluation of the bids. For purposes of computing the net benefits for each proposal, a discount factor of 6.82% will be used, which is the weighted average value of the Distribution Companies cost of capital. For purposes of comparing bids of different sizes, the Evaluation Team may determine an estimate of avoided costs of Offshore Wind Energy Generation that might be procured in the future (under the 2018 Act and 83C) for proposals that are less than 1600 MW in size.

The Offshore Wind Energy Generation production/delivery profile provided by the bidder will be evaluated for reasonableness. The Evaluation Team and the Evaluation Team Consultant will also evaluate the reasonableness of cost estimates associated with transmission system upgrades. The bidder is responsible for providing support for the basis for all estimates and underlying assumptions. The Evaluation Team reserves the right to adjust any bidder production/delivery profile or estimated cost (i.e., use a different profile or additional transmission system upgrade costs that may be required to ensure full delivery of energy, and RECs to the Distribution Companies) or any other estimate in order to produce a reasonable and appropriate evaluation. Proposals that fail to provide sufficient supporting documentation or information necessary to produce a reasonable and appropriate evaluation may be eliminated from further evaluation.

2.3.2 Qualitative Evaluation

The qualitative evaluation will consist of the factors mandated by Section 83C as well as factors deemed important by the Evaluation Team as detailed below.

- i. Economic Benefits to the Commonwealth and Diversity, Equity and Inclusion**
 - Demonstrated ability and commitment to create and foster short- and long-term employment and economic development in the Commonwealth, where feasible, and a commitment to diversity, equity and inclusion, including employment and

procurement/contracting opportunities, for minority, women, veterans, LGBT and persons with disabilities.

- Direct, specific and measurable employment and contracting benefits associated with the proposed project, including descriptions of the type, duration, and salary bands of employment created
- A diversity, equity and inclusion plan that includes, at a minimum, both a Workforce Diversity Plan and a Supplier Diversity Program Plan described below. The diversity, equity and inclusion plan should describe the proposed strategy to actively promote access to employment and contracting opportunities for, and to actively recruit, diverse workers, vendors, contractors, and investors, and include how the direct, specific and measurable employment and contracting benefits created by the proposed project provides employment and procurement/contracting opportunities for minority, women, veterans, LGBT and persons with disabilities.
 - Workforce Diversity Plan: Include descriptions of each of the type, duration, and salary bands of the employment created and identify the recruitment efforts aimed at hiring diverse candidates for these employment opportunities;
 - Supplier Diversity Program (SDP) Plan: Include descriptions of the subcontracting, vendor, investor, and ancillary (operational) business opportunities that will be provided by diverse businesses if the bidder is awarded Long Term Contracts.
 - In the development of the Supplier Diversity Program Plan, bidders may consult with the Massachusetts Supplier Diversity Office (SDO) in order to determine the identity of businesses that may be able to assist them in achieving the commitments they will include in their bid submission.
- Specific commitments to economic activity (project expenditures), which may include but is not limited to:
 - Investment in supply chain improvements to support the offshore wind industry.
 - Investment in workforce development to support the offshore wind industry, which may include partnerships with vocational and technical schools, community colleges, labor groups, and community-based organizations to create paid training, internship, apprenticeship programs. These

investments could include public-facing educational outreach programs to engage youth, high schools, and residents about offshore wind, clean energy, and climate topics.

- Utilization and investment in port facilities and infrastructure during project development, construction, and operation and maintenance of the project.
- Investment in offshore wind-related research and innovation initiatives or partnerships
- Support for ongoing science and data collection to improve environmental, wildlife, and fisheries performance of offshore wind, including commitments to data sharing.
- Economic development activities and investments that directly benefit economically distressed areas, environmental justice communities, and/or low-income populations.

Commitments will be evaluated on scale relative to project size, credibility, and firmness. Commitments that secure long-term benefits and require a robust strategy to track and report progress on promised benefits to a government agency are preferred.

ii. Low Income Ratepayers in the Commonwealth

- Demonstrated direct benefits to low-income ratepayers without adding cost, which may include but is not limited to, as examples:
 - 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.

iii. Siting, Permitting, Project Schedule, and Financing Plan

- Credibility of plan to obtain required permit approvals, including the extent to which opposition to the project materially affects the ability of the project to obtain timely final approval.
- Demonstrated progress in the interconnection process and credibility of the proposed interconnection schedule.
- Credibility of project schedule and construction plan, including the schedule and construction plan for associated interconnection facilities and transmission system upgrades, and ability to achieve proposed commercial operation date(s).

- Identification of required federal, regional, state, and local permits and progress in the associated application and approval processes.
 - Credibility and status of proposed financing plan.
 - Extent to which project scope, including interconnection facilities and associated upgrades, and costs are known or estimates are reasonable.
 - Status and completeness of project stakeholder engagement plan, including demonstrated evidence of past and current productive relationships with project stakeholders.
- iv. Energy Storage System Benefits**
- Extent to which the proposed project for Offshore Wind Energy Generation is to be paired with an Energy Storage System that demonstrates reliability and/ or operational benefits consistent with the proposed operational requirements and commitments.
- v. Reliability Benefits**
- Extent to which the project provides enhanced electricity reliability within the Commonwealth including but not limited to providing benefits to the forward capacity market.
- vi. Benefits, Costs, and Contract Risk**
- Extent to which the bidder accepts provisions of the Form PPAs and the draft Commitment Agreement, or shifts risks or costs to buyers and their customers.
 - Any additional benefit, cost, or risk identified by Evaluation Team that is determined to be reasonably likely to occur but is not reasonably quantifiable
- vii. Environmental and Socioeconomic Impacts from Siting**
- **Environmental Impacts:** Extent to which a project demonstrates that it avoids, minimizes, or mitigates, to the maximum extent practicable, environmental impacts.
 - **Fishing Impacts:** Extent to which the project avoids, minimizes, and mitigates impacts on commercial and recreational fishing industries.
 - **Environmental Justice Impacts:** Descriptions of any potential impacts on Environmental Justice Populations²³ and host communities.

²³ Defined and outlined in the EEA 2017 Environmental Justice Policy, see: https://www.mass.gov/files/documents/2017/11/29/2017-environmental-justice-policy_0.pdf

Please see Appendix J for further details on the Environmental and Socioeconomic Impacts criteria to be considered in the Qualitative Evaluation.

The quantitative evaluation may be conducted before the qualitative evaluation, and the Evaluation Team may elect not to conduct the qualitative evaluation for any proposal that could not be selected based upon the quantitative results even if it could receive the maximum possible qualitative score. The Evaluation Team will determine which proposals proceed to Stage Three following the Stage Two evaluation based on the following considerations: (1) the rank order of the proposals at the end of the Stage Two evaluation; (2) the cost effectiveness of the proposals based on the Stage Two quantitative and qualitative evaluation; and (3) the total MW quantities of the proposal(s), relative to the procurement target.

2.4 Stage Three

As stated in Section 83C, the Distribution Companies must select Long-Term Contracts that are cost-effective mechanisms for procuring reliable renewable energy on a long-term basis for the benefit of ratepayers. The Stage Three evaluation of remaining bids will be based on the Stage Two quantitative and qualitative evaluation criteria and, at their discretion, the following additional factors:

- Possible portfolio effects;
- Overall impact of proposals on the Commonwealth's policy goals, as directed by the DOER, including GWSA goals and economic development;
- Risks associated with project viability of the proposals;
- A comparison to a reasonable range of data and analyses on expected offshore wind prices, industry costs, and the anticipated cost impact of future technologies;
- Ratepayer bill impacts;
- Any benefits, cost, or risks to customers that may not have been fully captured in the Stage Two evaluation; and,
- Any other considerations, as appropriate, to ensure selection of the proposal(s) which provide the greatest impact and value consistent with the stated objectives and requirements of Section 83C, as set forth in this RFP.

The objective of Stage Three is to select the proposal(s) that provides the greatest impact and value consistent with the stated objectives and requirements of Section 83C, as set forth in this RFP. Generally, the Evaluation Team prefers viable, cost-effective projects with limited risk. However, the Evaluation Team recognizes that any particular project may not be ranked highly with respect to all of these considerations and the extent to which the stated RFP objectives will be satisfied will depend, in large part, on the particulars of

the proposals that are submitted. The Evaluation Team will consider the relative merits of a proposal(s) that offers additional benefits, for example economic development benefits including additional manufacturing or innovation, as compared to other top-ranked proposals.

Under Section 83C, after Stage Three, if the Distribution Companies are unable to agree on the selection of proposals among themselves, then the DOER in consultation with the Independent Evaluator shall make the final binding determination of the winning bid(s).

2.5 Contracting/Tariff Process

2.5.1 Contracts

Bidders will be notified whether they have been selected to negotiate a Long-Term Contract. If a proposal is selected by the Distribution Companies, then each Distribution Company will negotiate to contract for its load ratio share. Contract finalization between the selected bidders and the Distribution Companies may occur on a rolling basis throughout the 193-day period during which the proposals are valid.

National Grid	Eversource	Unitil
45.04%	53.96%	1.00%

2.6 Contract Negotiation Process

Bidders must be able to begin negotiations immediately upon notification of selection, including the resolution of any conflicts that their selected counsel or other representatives may have with respect to any of the Distribution Companies. The Distribution Companies expect to coordinate their negotiation of Long-Term Contracts with individual bidders, although there will be differences in the contracts that are specific to the contracting requirements of each Distribution Company. The bidders will enter into separate Long-Term Contracts with each Distribution Company with which they contract.

The total energy and/or RECs included in a successful bid will be allocated among the Distribution Companies based upon their total distribution loads in Massachusetts. The Distribution Companies reserve the right to seek improvements (including reduced prices) during the negotiations process with selected bidders.

2.7 Regulatory Approval

The Distribution Companies' obligations to procure Offshore Wind Energy Generation are conditioned upon approval of the Long-Term Contracts, Rate Schedules, and Tariffs and associated cost recovery by the DPU in a form acceptable to the Distribution Companies.

Once the parties have executed a Long-Term Contract, the Distribution Companies shall submit the executed Long-Term Contract to the DPU for approval.

In the case of rates that fall under federal authority, such charges are subject to the review and approval of FERC pursuant to the Federal Power Act. The Distribution Companies' obligations with respect to such rates are also conditioned upon approval of the associated cost recovery by the DPU in a form acceptable to the Distribution Companies.

It is the bidder's responsibility to identify and obtain all required regulatory approvals from the appropriate regulatory authorities. Any bidder requiring regulatory approval by a certain deadline must state that deadline in its proposal, and that deadline will be considered in assessing the overall viability of the eligible project.

2.7.1 DPU Regulatory Process

Under Section 83C the obligations of the Distribution Companies and the successful bidders to perform under each Long-Term Contract shall not become effective or binding until receipt of the approval of the DPU as described in Section 2.6 of this RFP except as they pertain to the contract obligations to provide the initial Development Security and to submit project updates on a timely basis and as otherwise specified in the Long-Term Contract. After a Distribution Company and successful bidder have executed a Long-Term Contract that satisfies the requirements of Section 83C as a result of this RFP process, the Distribution Companies intend to submit the proposed Long-Term Contract to the DPU for review and approval within 45 days of execution, unless circumstances require a longer period to prepare the DPU filing materials.

The DPU has promulgated regulations at 220 C.M.R. § 23.00, *et seq.*, setting forth the criteria for its review pursuant to the requirements of Section 83C. When evaluating a proposed Long-Term Contract under Section 83C, the DPU will consider the recommendations of the AGO, which must be submitted to the DPU within **45 days** of the filing of the proposed contract.

Once the DPU issues a decision approving a Distribution Company's request for approval of an executed Long-Term Contract under Section 83C, the Distribution Company shall have ten **(10) business days** after the appeal period has elapsed and after any motions or appeals are resolved to review the form and substance of the DPU's approval. Each Distribution Company shall have the opportunity to terminate the Long-Term Contract if the DPU's approval contains terms or conditions that are deemed to be unsatisfactory to the Distribution Company, in its sole discretion. Terms or conditions that may be unsatisfactory include but are not limited to denial of annual remuneration of up to 2.75 percent of the annual payments under the Long-Term Contract, which is required by Section 83C and is intended to compensate the Distribution Company for accepting the financial obligation of the Long-Term Contract at issue.

2.7.2 FERC

Selected bidders must file any necessary Rate Schedules, Tariffs, and Agreements with FERC pursuant to the Federal Power Act and FERC regulations. FERC must accept the filing before the Rate Schedule, Tariff or Agreement can become effective.

3 Instructions to Bidders

3.1 Schedule for the RFP Process

The proposed schedule for the bidding process is set forth below in Chart 1. Any changes to the schedule up to and including the due date for submission of proposals will be posted at the Distribution Companies website, **MACleanEnergy.com**. The Evaluation Team reserves the right to revise the schedule as necessary. In addition, the Evaluation Team reserves the right to establish a schedule that is different than the one set forth in this RFP.

Chart 1
RFP Schedule

Event	Anticipated Dates
Issue RFP	May 7, 2021
Bidders Conference	May 18, 2021
Deadline for Submission of Questions	May 25, 2021
Due Date for Submission of Confidential Proposals	Sep 16, 2021
Due Date for Submission of Public Proposals	Sep 23, 2021
Selection of Projects/Commence Negotiations	Dec 17, 2021
Execute Long Term Contracts	Mar 28, 2022
Submit Long Term Contracts for DPU Approval	Apr 27, 2022

3.2 Bidders Conference; Bidder Questions

A Bidders Conference will be held for interested persons approximately 2 weeks after the final RFP document is posted on **MACleanEnergy.com**. The purpose of the Bidders Conference is to provide the opportunity to clarify any aspects of this RFP.

Prospective bidders are encouraged to submit written questions about this RFP to the Evaluation Team on or before the deadline for submission of questions listed in the schedule. The Evaluation Team will answer questions submitted by that deadline by posting the questions and answers at **MACleanEnergy.com**.

Although the Evaluation Team may respond orally to questions posed at the Bidders Conference, only written answers that are provided in response to written questions will be official responses.

It is the Bidder's responsibility to check the website for news and updates.

3.3 Preparation of Proposals

Each bidder shall have sole responsibility for carefully reviewing this RFP and all attachments hereto and for thoroughly investigating and informing itself with respect to all matters pertinent to this RFP and its proposal, including pertinent ISO-NE tariffs and documents, market rules, and other information. Bidders should rely only on information provided in this RFP and any associated written updates (including official answers to written questions) when preparing their proposals. Each bidder shall be solely responsible for and shall bear all of its costs incurred in the preparation of its proposal and/or its participation in this RFP. Submission of proposals including confidential information shall be filed in accordance with Section 1.7 of the RFP.

3.4 Organization of the Proposal

Bidders are required to organize their proposal consistent with the contents of the Bidder's Response Package in Appendix A to this RFP. The organization and contents of the proposal should be organized as follows:

1. Certification, Project and Pricing Data (CPPD form)
2. Executive Summary of the Proposal
3. Operational Parameters
4. Energy Resource and Delivery Plan
5. Financial/Legal
6. Siting, Interconnection, and Deliverability
7. Environmental Assessment, Permit Acquisition Plan and Environmental Attributes Certification
8. Engineering and Technology; Commercial Access to Equipment
9. Project Schedule
10. Construction and Logistics
11. Operations and Maintenance

12. Project Management/Experience
13. Contribution to Employment and Economic Development and Other Direct and Indirect Benefits
14. Exceptions to Form PPAs
15. Exceptions to Commitment Agreement

3.5 Updates to the Proposal

While bidders will not be permitted to refresh, restate, or reprice proposals except as provided below, bidders must provide updated information (e.g., the status of obtaining permits and financing) to the Evaluation Team about the eligible project that was not available at the time of their proposal submission. These updates are for informational purposes only and will not be treated as a change or revision to the terms of the bidder's proposal by the Evaluation Team. If there are material developments, favorable or unfavorable, that impact a proposal or associated project, the bidder must promptly notify the Evaluation Team in writing. The Evaluation Team reserves the right to consider this information during evaluation.

While the Distribution Companies do not anticipate requesting bidders to refresh, restate, or reprice their bids, the Distribution Companies nevertheless reserve the right, at their sole discretion, to make such a request at any time during the RFP process. In the absence of such a request, bidders may not refresh, restate, or reprice their bids for any reason.

3.6 Modification or Cancellation of the RFP and Solicitation Process

The Distribution Companies may, at any time up to final award, postpone, withdraw and/or cancel this RFP; alter, extend or cancel any schedule date; and/or, alter, amend, withdraw and/or cancel any requirement, term or condition of this RFP, any and all of which shall be without any liability to DOER, the Independent Evaluator, or the Distribution Companies.

By submitting a bid, a bidder agrees that the sole recourse that it may have with respect to the conduct of this RFP is by submission of a complaint or similar filing to the DPU in a relevant docket pertaining to this RFP. Additionally, a bidder agrees to take no action inconsistent with the foregoing limitation.

3.7 Requests for Additional Information

Following the submission of proposals, the Evaluation Team or the Independent Evaluator may request clarification and additional information from bidders at any time during the evaluation process. Such information will be subject to public posting and protection of confidential information as described elsewhere in this RFP, consistent with other bid submission materials. Bidders that do not respond promptly to such information requests

or do not provide adequate information may be eliminated from further consideration, or the Evaluation Team may make appropriate assumptions to produce a reasonable and appropriate evaluation.

3.8 Limitation of Liability

Neither this RFP nor any other aspect of this solicitation shall create an agency, partnership, joint venture, or co-tenancy relationship among the members of the Evaluation Team or any other individuals or entities involved in the development or administration of this RFP (collectively, the “RFP Parties”), nor any other relationship or liability beyond those (if any) explicitly adopted in writing and executed by authorized representatives of the applicable RFP Parties. None of the RFP Parties shall be liable for any act or omission of any other RFP Party. Neither this RFP nor any other aspect of this solicitation creates or is intended to create third-party beneficiaries hereunder. In no event will an RFP Party be liable to any person for special, incidental, punitive, exemplary, indirect or consequential damages or lost profits, whether by statute, in tort or contract or otherwise.

APPENDIX A

BIDDERS RESPONSE PACKAGE

SECTION 83C

REQUEST FOR PROPOSAL APPLICATION FORM

APPLICANT INFORMATION

Applicant: enter applicant name

Contact: enter name

Address: enter address

Phone: enter phone

Email: enter email

SECTION 1 OF APPENDIX A TO THE RFP
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.

SECTION 2 OF APPENDIX A TO THE RFP
EXECUTIVE SUMMARY OF THE PROPOSAL (INCLUDING THE BASE PROPOSAL
AND ANY ALTERNATIVE PROPOSALS)

The bidder is required to provide an executive summary of the project proposal that includes a complete description of the proposed generation 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 generation project location, interconnection location(s), capacity (MW), commercial operation date, pricing (\$/MWh), etc. is encouraged.

Enter executive summary here

**SECTION 3 OF APPENDIX A TO THE RFP
OPERATIONAL PARAMETERS**

- 3.1 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).

Enter appropriate explanation in this space or reference applicable attachment(s)

- 3.2 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).

Enter appropriate explanation in this space or reference applicable attachment(s)

- 3.3 Reliability – Describe how the proposal would provide enhanced electricity reliability to Massachusetts, including its impact on transmission constraints.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 3.4 Moderation of System Peak Load – Describe how the proposal would contribute to moderating system peak load requirements and provide the following information:
- i) Estimated average output for each summer period (June- September) from 3:00 - 7:00 pm
 - ii) Estimated average output for each winter period (October-May) from 4:00 – 9:00 pm

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 4 OF APPENDIX A TO THE RFP
ENERGY RESOURCE AND DELIVERY PLAN**

- 4.1 For Eligible Facilities, the bidder is required to provide an energy resource plan and a production/delivery profile for its proposed project, including supporting documentation. The energy resource and profile information should be consistent with the type of technology/resource option proposed and the term proposed. Bidders should respond to all information requests which are relevant to the bid in a timely manner.

All Projects

Provide a summary of all collected wind data for the proposed site. Identify when and how (e.g. meteorological mast or LiDAR – for “Light Detection and Ranging”) the data was collected and by whom.

Enter appropriate explanation in this space or reference applicable attachment(s)

Indicate where the data was collected and its proximity to the proposed facility site. Include an identification of the location and height for the anemometers and/or “range gate” heights for sensing by LiDAR that were used to arrive at an assessment of the site generation capability.

Enter appropriate explanation in this space or reference applicable attachment(s)

Describe any additional wind data collection efforts that are planned or ongoing.

Enter appropriate explanation in this space or reference applicable attachment(s)

Provide (a) at least one year of hourly wind resource data. Real Data collected from the site is preferred, though projected data is permissible. Methodology must also be included. and (b) a wind resource assessment report for the proposed facility from a qualified unaffiliated third-party wind resource assessment firm. Include an analysis of the available wind data which addresses the relationship between wind conditions and electrical output. Provide a projection of net annual energy production, including projections of average net hourly energy production, based on the wind resource data (hourly 8760 data profile and a 12 x 24 energy projection) at both P50 and P90 levels.

Enter appropriate explanation in this space or reference applicable attachment(s)

Provide a site-adjusted power curve. Each curve should list the elevation, temperature and air density used.

Enter appropriate explanation in this space or reference applicable attachment(s)

Identify the assumptions for losses in the calculation of projected annual energy production, including each element in the calculation of losses.

Enter appropriate explanation in this space or reference applicable attachment(s)

4.2 Offshore Wind Energy Generation Delivery Plan

Please provide an energy delivery plan and a production/delivery profile for the proposed project, including supporting documentation. The energy delivery plan and production/delivery profile must provide the expected Offshore Wind Energy Generation to be delivered into the ISO-NE market settlement system and permit the Evaluation Team to determine the reasonableness of the projections for purposes of Sections 2.2.1.3 Eligible Bids and 2.2.1.7 Capacity Requirements, and 2.2.1.8 Interconnection and Delivery Requirements of the RFP. Such information should be consistent with the energy resource plan and production/delivery profile provided above and also considering any and all constraints to delivery into ISO-NE.

Enter appropriate explanation in this space or reference applicable attachment(s)

4.3 REC/Environmental Attribute Delivery Plan

Please provide documentation and information demonstrating that the project will Deliver GIS Certificates representing those RECs and any other Environmental Attributes, as applicable. 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

4.4 Energy Storage System Operations (if applicable)

PROJECT SUMMARY: Please provide the following:

Identify if New or Existing Facility, or an upgrade to Existing Facility: _____

Technology Type

Point of Interconnection

Deliverability Restrictions (if any)

Nameplate MW AC (at 100% project completion)

Net Contract MW AC (at 100% project completion)

Storage Energy (MWh)

Discharge Duration (hours)

Full Duty Cycle Efficiency (%)

Required Cycles per year/per day

Expected annual capacity degradation (%)

Specific Battery Chemistry (if applicable)

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.

Describe the location of the Energy Storage System, the anticipated interconnection point, and the value of the relative proximity of the system to the Offshore Wind Energy Generation facility, including any decreased risk of curtailment and/or deferred investment for the Offshore Wind Energy Generation Facility

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

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.

Please provide an energy delivery plan and production/delivery profile for the proposed project, including supporting documentation. This documentation may be either an hourly storage use schedule separately from the hourly wind production/delivery schedule, or the following parameters of the storage technology that will be used in conjunction with the bid: Charge rate (MW), Discharge rate (MW), Storage capacity (MWh), Round-trip efficiency (%). The energy production/delivery profile must provide the expected Offshore Wind Energy Generation to be delivered into the ISO-NE market settlement system by the Energy Storage System and permit the Evaluation Team to determine the reasonableness of your projections. Such information should be consistent with the energy resource plan provided above and also considering any and all constraints to physical delivery into ISO-NE.

Describe the operation of the Energy Storage System as it relates to ISO-NE's implementation of FERC Order No. 841, 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.

Please list all anticipated revenue streams associated with the Energy Storage System

- For existing facilities,
 - describe existing operations, revenues, and participation in ISO-NE Markets
 - describe any planned changes in operation, participation in ISO-NE Markets, and revenue streams
- Please describe (a) (i) the specific services and/or products that will be provided to the Distribution Companies due to the proposed operation of the Energy Storage System under your proposal and (ii) the specific costs to be paid by the Distribution

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Companies through the power purchase agreement for such services and/or products and (b) a statement of how the proposal complies with RFP requirements.

Please describe any additional benefits the Energy Storage System may provide not captured in the benefits provided through the operational commitments, including but not limited to,

- any non-monetizable benefits including but not limited to price changes in capacity and ancillary services markets, reduction in future market needs such as reserves or ramping, and increased capacity rating for Offshore Wind Energy Generation facility
- Emission reductions associated with the operation of the Energy Storage System and providing emission-free resources to the ancillary service markets including reserves and frequency regulation
- Value of procuring the Energy Storage System at the same time and as paired with the Offshore Wind Energy Generation facility

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 5 OF APPENDIX A OF THE RFP
FINANCIAL/LEGAL**

Bidders are required to demonstrate the financial viability of their proposed project. Bidders should provide the following information:

- 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 its proposal that would otherwise not be financeable, or assist the bidder in obtaining financing of its proposal.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 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

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- iii. Expected sources of debt and equity financing

Enter appropriate explanation in this space or reference applicable attachment(s)

- iv. Estimated construction costs

Enter appropriate explanation in this space or reference applicable attachment(s)

- v. The projected capital structure

Enter appropriate explanation in this space or reference applicable attachment(s)

- vi. 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

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.

Enter appropriate explanation in this space or reference applicable attachment(s)

5.4 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

Project Experience 1

Project Experience 2

Project Experience 3

Project Experience 4

Additional Project Experience

5.5 Please provide evidence that the bidder has the financial resources and financial strength to complete and operate the project as planned.

Enter appropriate explanation in this space or reference applicable attachment(s)

5.6 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.7 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.8 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.9 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.10 Describe the role of the Federal Production Tax Credit ("PTC") or Investment Tax Credit (ITC"), and any other incentives, on the financing of the project. In your response, please describe (a) your plan to qualify for the ITC/PTC and the level of the ITC/PTC 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/PTC is reflected in your proposed pricing.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.11 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.12 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?

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.13 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.14 State whether the bidder or its affiliates have executed agreements with respect to energy, RECs 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.16 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?

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.18 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.19 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 renewable energy certificates or products.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.20 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).

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 5.22 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

5.23 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:

- Corporate or other joint arrangements, joint ventures, joint operations whether control exists or not;
- Minority ownership (50% or less investee);
- Joint development agreements;
- Project agreements;
- Operating segments that are consolidated as part of the financial reporting process;
- Related parties with common ownership;
- Credit, debenture, and financing arrangements, whether a convertible equity feature is present or not;
- Wholly owned subsidiaries; and
- Commercial (including real property) relationships with any Distribution Company

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 6 OF APPENDIX B TO THE RFP
SITING, INTERCONNECTION, AND DELIVERABILITY**

This section of the proposal addresses project location, siting, real property rights and interconnection issues. Bidders should ensure that the threshold criteria outlined in Section 2.2 of the RFP are verified in their responses.

- 6.1 Provide a site plan (or plans) including a map (or maps) that clearly identifies the location of the proposed project site, Offshore Delivery Facilities project locations, the assumed right-of-way width, the total acreage for Eligible Facilities, the anticipated interconnection point (or, if applicable, multiple interconnection points), the related onshore and offshore 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:

Enter appropriate explanation in this space or reference applicable attachment(s)

Describe how the proposed project is sized and designed to efficiently and cost-effectively use available lease area(s), interconnection point(s), transmission cabling, and other infrastructure required for the production and delivery of the Offshore Wind Energy Generation.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.2 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 Eligible Facility site and Offshore Delivery Facilities locations including for Eligible Facilities and any rights of way needed for interconnection.

- i. Does the project have a right to use the Eligible Facility site and/or Offshore Delivery Facilities locations for the entire proposed term of the PPA (e.g., by virtue of ownership or land development rights obtained from the owner)?

Yes No If not, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

- ii. If so, please detail the Bidder's rights to control the Eligible Facility site and/or Offshore Delivery Facilities and interconnection locations.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 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 Offshore Wind Energy Generation site, Offshore Delivery Facilities, and transmission and interconnection locations (and applicable letters of intent if formal agreements have not been executed)

- 6.3 Provide evidence that the Eligible Facility site and Offshore Delivery Facilities and interconnection locations are properly zoned or permitted. If the Eligible Facility site and Offshore Delivery Facilities 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.

Detail the zoning and permitting issues:

Enter appropriate explanation in this space or reference applicable attachment(s)

Permitting plan and timeline:

Enter appropriate explanation in this space or reference applicable attachment(s)

Start Date:

End Date:

- 6.4 Provide a description of the area surrounding the Eligible Facility site and Offshore Delivery Facilities and interconnection locations (including landfall), including a description of the local zoning, flood plain information, existing land or waterway use, and setting.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.6 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.7 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 Planning Procedure 10. 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 queue. 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.

Performance and its impact:

Enter appropriate explanation in this space or reference applicable attachment(s)

Attachments:

Copy of completed I.3.9 approval or I.3.9-equivalent study attached:

If none, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

Copy of completed CCIS-equivalent study attached:

If none, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

Copy of Interconnection Agreement attached: If none, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

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

- 6.8 Please provide documentation of the deliverability constraint analysis set forth in Appendix I to the RFP. Provide a description of the findings of the deliverability constraint analysis, including but not limited to a list of thermal overloads and voltage violations identified.

Enter appropriate explanation in this space or reference applicable attachment(s)

Attachments:

Copy of completed deliverability constraint analysis:

If the deliverability constraint analysis was performed as a portion of a separate study, please explain and provide the study:

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.9 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.10 Please provide cost estimates for any necessary network upgrades identified in the studies identified in Section 6.7

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.11 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.12 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.

Electrical models attached: If none, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

- 6.13 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

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

Enter appropriate explanation in this space or reference applicable attachment(s)

6.14 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

6.15 Incremental data requirements;

1. IDV file(s) in PSSE v32 format modeling all upgrades to the transmission network identified in the studies required in section 6.7 of this document. If none, please explain:

Enter appropriate explanation in this space or reference applicable attachment(s)

2. If the Bidder does not use PSSE, provide in text format necessary modeling data as follows:

- Line Data:
Voltage Thermal Ratings

Impedances (r, X and B)

Line Length: from to
(bus numbers and names)

Enter appropriate explanation in this space or reference applicable attachment(s)

- Transformer data (including Phase shifting transformers if applicable):
Terminal Voltages Thermal Ratings

Impedance

From To
(bus numbers and names)

Enter appropriate explanation in this space or reference applicable attachment(s)

- Reactive compensation models as necessary

Enter appropriate explanation in this space or reference applicable attachment(s)

- Other changes to the model that would occur due to a Project such as terminal changes for lines/transformer/generator leads/loads etc.

Enter appropriate explanation in this space or reference applicable attachment(s)

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- 6.16 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, as more fully described in the RFP, 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 7 OF APPENDIX A TO THE RFP
ENVIRONMENTAL ASSESSMENT, PERMIT ACQUISITION PLAN AND
ENVIRONMENTAL ATTRIBUTES CERTIFICATION**

This section addresses environmental and other regulatory issues associated with project siting, development and operations for all aspects of the project (including generation, delivery, storage, interconnection, etc.), and in all jurisdictions (federal, all interested states, etc.).

- 7.1 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 States 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.2 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 on the project schedule in Section 10.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.3 Provide information (a) demonstrating past and current productive relationship with environmental, fishing, tribal, environmental justice, and onshore stakeholders and (b) demonstrating your track record of avoiding, minimizing, and mitigating environmental, fishing, tribal, environmental justice, and onshore impacts from projects similar to the proposed project.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.4 Please provide information on any fisheries mitigation measures designed to avoid, minimize and mitigate impacts on the commercial fishing industry, including but not limited to addressing all criteria specified under Fishing Impacts in Appendix J.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.5 Provide a preliminary environmental characterization of the site and project, including both construction and operation. In addition, the bidder should identify environmental impacts associated with the proposed project and any potential impediments to development. A plan to avoid, minimize, or mitigate such impacts or impediments should also be included. The analysis should address all criteria specified under Environmental Impacts in Appendix J.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.6 Please provide information on potential impacts on Environmental Justice Populations and host communities, including but not limited to addressing all criteria specified under Environmental Justice Impacts in Appendix J.

Enter appropriate explanation in this space or reference applicable attachment(s)

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. Strategy plans may include a commitment with a government entity to share said tracking and reporting. If such a commitment is not presented, DOER will work with selected bidder after selection but before contract execution to implement an agreed-upon tracking and reporting strategy.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.7 Provide documentation identifying the level of public support for the project including letters from public officials, newspaper articles, etc. Include information on specific 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.8 Provide documentation demonstrating that the project will be qualified as New Class I Renewable Portfolio Standard Eligible Resource under M.G.L. c. 25A, § 11F, and 225 CMR 14.00.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 7.9 All bidders must include sufficient information and documentation that demonstrates that the bidder will utilize an appropriate tracking system to ensure a unit-specific accounting of the delivery of Offshore Wind Energy Generation, to enable the Department of Environmental Protection, in consultation with DOER, to accurately measure progress in achieving the commonwealth's goals under chapter 298 of the acts of 2008 or Chapter 21N of the General Laws. The RECs associated with Offshore Wind Energy Generation must be delivered into the Distribution Companies' NEPOOL GIS accounts.

Enter appropriate explanation in this space or reference applicable attachment(s)

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- 7.10 Identify any existing, preliminary or pending claims or litigation, or matters before any federal agency or any state legislature or regulatory agency that might affect the feasibility or timing of the project or the ability or timing to obtain or retain the required permits for the project.

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 8 OF APPENDIX A TO THE RFP
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 generation, storage (as applicable) delivery, 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.

- 8.1 Provide a reasonable but preliminary engineering plan which includes the following information:
- i. Type of generation and delivery technology
 - ii. Major equipment to be used (including nacelle, hub, blade, tower, foundation, delivery facilities structures and platforms, electrical equipment and cable), including the primary and alternative turbine equipment and their expected capacity rating.
 - iii. Manufacturer of each of the equipment components listed above as well as the location of where each component will be manufactured.
 - iv. Status of acquisition of the equipment components, including whether orders are in place and/ or production slots secured
 - 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
 - vi. Equipment vendors selected/considered
 - vii. Track record of equipment operations
 - viii. If the equipment manufacturer has not yet been selected, identify in the equipment procurement strategy the factors under consideration for selecting the preferred equipment

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 8.3 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.

Green Communities Act Section 83C Request For Proposal

Enter appropriate explanation in this space or reference applicable attachment(s)

- 8.4 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 8.5 Please indicate if the bidder has a full and complete list of equipment needed for all physical aspects of the bid, including generation facilities, turbine support structures, electrical platforms, delivery facilities, and mandatory and voluntary transmission system upgrades. If not, identify the areas of uncertainty and when the full and complete list of equipment will be identified.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 8.6 Please indicate if the bidder has secured its equipment for all physical aspects of the bid, including generation facilities, delivery facilities, and mandatory and voluntary transmission system upgrades. If not, identify the long-lead equipment and describe the timing for securing this equipment.

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 9 OF APPENDIX A TO THE RFP
PROJECT SCHEDULE**

A bidder must demonstrate that its proposal can be developed, 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.

- 9.1 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 9.2 Include a discussion on use of maritime vessels and access to them, as well as the bidder's plans to secure any specialized vessels or other equipment consistent with the construction schedule. Provide any agreements, options, or other materials reflecting the bidder's efforts so far to secure such vessels or other equipment (and any letters of intent to the extent signed agreements are not in place). Also include a description and discussion of the laydown facility/facilities to be used for construction, assembly, staging, storage, and deployment.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 10 OF APPENDIX A TO THE RFP
OPERATION AND LOGISTICS**

This section of the proposal addresses necessary arrangements and processes for outfitting, assembly, storage and deployment of major project components such as turbine nacelles, blades, towers, foundations, and delivery facilities support structures, and other major components associated with delivery facilities and, and the storage facility (as applicable). Please provide a construction plan that captures the following objectives:

- 10.1 Please list the major tasks or steps associated with deployment of the proposed project and the necessary specialized equipment (e.g. vessels, cranes).

Enter appropriate explanation in this space or reference applicable attachment(s)

- 10.2 Please provide documentation to demonstrate site control for all marine terminals and other waterfront facilities that will be used to stage, assemble, and deploy the project for each stage of construction.

- i. Evidence that the bidder or the equipment/service provider have a valid lease, or option to lease, a marine terminal and/or waterfront facility for construction of the offshore wind energy project (e.g., by virtue of ownership or land development rights obtained from the owner).

Enter appropriate explanation in this space or reference applicable attachment(s)

- ii. If not available, describe the status of acquisition of real property rights for necessary marine terminal and/or waterfront facilities, 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 schedule. Provide any agreements, options, or other materials reflecting the bidder's efforts so far to secure real property rights (and any letters of intent to the extent signed agreements are not in place).

Enter appropriate explanation in this space or reference applicable attachment(s)

- iii. Identify any joint use of existing or proposed real property rights for marine terminal or waterfront facilities.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 10.3 Please describe the proposed approach for staging and deployment of major project components to the project site. Indicate the number, type and size of vessels that will be used, and their respective roles, as well as the projected timing of their use. Please include specific information on how the bidder's deployment strategy will conform to requirements of the Merchant Marine Act of 1920 (the Jones Act).

Enter appropriate explanation in this space or reference applicable attachment(s)

Green Communities Act Section 83C Request For Proposal

- 10.4 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 11 OF APPENDIX A TO RFP
OPERATION 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.

- 11.1 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 turbine manufacturer/outside contractor, scheduling of major maintenance activity, and the plan for testing equipment.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 11.2 Please provide documentation to demonstrate site control for all marine terminals and other waterfront facilities that will be used for O&M.
- i. If available, evidence that the bidder or the equipment/service provider have right(s) to use a marine terminal and/or waterfront facility for O&M of the offshore wind energy project (e.g., by virtue of ownership or land development rights obtained from the owner).
 - ii. If not available, describe the status of acquisition of real property rights for necessary marine terminal and/or waterfront facilities, 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 schedule.
 - iii. Identify any joint use of existing or proposed real property rights for marine terminal or waterfront facilities.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

Green Communities Act Section 83C Request For Proposal

- 11.5 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 12 OF APPENDIX A TO RFP
PROJECT MANAGEMENT/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.

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 12.2 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.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 12.3 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).

Enter appropriate explanation in this space or reference applicable attachment(s)

- 12.4 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. Distance from shore and mean water depth of project
 - v. Commercial operation date

Green Communities Act Section 83C Request For Proposal

- vi. Estimated and actual capacity factor of the project for the past three years
- vii. Availability factor of the project for the past three years
- viii. References, including the names and current addresses and telephone numbers of individuals to contact for each reference.

Enter appropriate explanation in this space or reference applicable attachment(s)

12.5 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

Enter appropriate explanation in this space or reference applicable attachment(s)

**SECTION 13 OF APPENDIX A TO THE RFP
DEMONSTRATED, VERIFIABLE COMMITMENT TO CREATE AND FOSTER
EMPLOYMENT AND ECONOMIC DEVELOPMENT AND OTHER DIRECT BENEFITS**

- 13.1 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. Please treat the development, construction, and operation and maintenance periods separately in your response. All information provided must be measurable.

Enter appropriate explanation in this space or reference applicable attachment(s)

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

Enter appropriate explanation in this space or reference applicable attachment(s)

- 13.2 Please provide a diversity, equity and inclusion plan that includes a Workforce Diversity Plan and the Supplier Diversity Program Plan as outlined in Section 2.3.2.i of the RFP. Describe consultation with the Massachusetts Supplier Diversity Office, as applicable.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 13.3 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. Direct economic activity/development will be evaluated based on scale relative to project size, credibility and firmness. Commitments that secure long-term benefits are preferred. Commitments will be evaluated by the degree or extent to which the asserted benefits are contractually committed to by the bidder. Specific commitments to economic activity or development may include (but are not limited to):

- Investment in supply chain improvements to support the offshore wind industry.
- Investment in workforce development to support the offshore wind industry, which may include partnerships with vocational and technical schools, community colleges, labor groups, and community-based organizations to create paid training, internship, apprenticeship programs. These investments could include public-facing educational outreach programs to engage youth, high schools, and residents about offshore wind, clean energy, and climate topics.
- Utilization and investment in port facilities and infrastructure during project development, construction, and operation and maintenance of the project.
- Investment in offshore wind-related research and innovation initiatives or partnerships
- Support for ongoing science and data collection to improve environmental, wildlife, and fisheries performance of offshore wind, including commitments to data sharing.
- Economic development activities and investments that directly benefit economically distressed areas, environmental justice communities, and/or low-income populations.

Green Communities Act Section 83C Request For Proposal

- 13.4 Please describe the status of any contractual commitments with respect to economic development and provide any pertinent agreements that have been executed. Please indicate how any economic benefits with specific commitments that are not already subject to contractual agreements will be covered by such agreements prior to executing Long Term Contracts under this solicitation (see RFP Sec. 2.2.2.8.) and your plan and timetable to negotiate and execute such agreements.

Enter appropriate explanation in this space or reference applicable attachment(s)

Please specify the administrator of any funds (i.e. fund administered by a third-party or by the Bidder).

Enter appropriate explanation in this space or reference applicable attachment(s)

Please propose a strategy to track and report on any applicable commitments, including progress in achieving promised economic benefits and the goals in the diversity, equity and inclusion plan. Such a strategy may include a commitment with a government entity to share said tracking and reporting. If such a commitment is not presented, DOER will work with selected bidder after selection but before contract execution to implement an agreed-upon tracking and reporting strategy.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 13.5 Please describe any tracking or reporting mechanisms, such as an annual report(s) of milestones achieved and jobs created to verify the contributions to employment and economic development identified in 13.1, 13.2.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 13.6 To the extent not already specified elsewhere in your response, please address the factors listed in RFP Section 2.3.2.i and describe any benefits or impacts associated with the proposed project.

Enter appropriate explanation in this space or reference applicable attachment(s)

- 13.7 Please demonstrate any benefits to low-income ratepayers in the Commonwealth, including, but 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. Please provide any agreements to effectuate those benefits.

Enter appropriate explanation in this space or reference applicable attachment(s)

Green Communities Act Section 83C Request For Proposal

- 13.8 The Section 13 Addendum: Economic Development Summary Sheet is a Microsoft Excel workbook provided on MACleanEnergy.com. Please fill out and submit the Section 13 Addendum to accompany responses in this section.

Attachments:

Copy of completed Section 13 Addendum in Excel format (.xls or .xlsx file):

SECTION 14 OF APPENDIX A TO THE RFP
EXCEPTIONS TO FORM PPA

Please attach an explanation of any exceptions to the Form PPA set forth in Appendices B-1 and B-2. Comments to the proposed Form PPA must include any specific alternative provisions in a redline format to the Form PPA. If the bidder is proposing a two-phased project with each phase covered by a separate contract, the bidder should provide two separate contracts with specific alternative provisions to the Form PPA in redline format.

Bidders are discouraged from proposing material changes to the Form PPA.

SECTION 15 OF APPENDIX A TO THE RFP
EXCEPTIONS TO FORM COMMITMENT AGREEMENT

Please attach an explanation of any exceptions to the Form Commitment Agreement set forth in Appendix G. Comments to the proposed Form Commitment Agreement must include any specific alternative provisions in a redline format to the Form Commitment Agreement.

Bidders are discouraged from proposing material changes to the Form Commitment Agreement.

APPENDIX B - 1

FORM OF CLASS 1 POWER PURCHASE AGREEMENT (NATIONAL GRID)

[See Separate Document]

APPENDIX B - 2

FORM OF CLASS 1 POWER PURCHASE AGREEMENT (EVERSOURCE)

[See Separate Document]

APPENDIX C

CERTIFICATION AND AUTHORIZATION

A proposal will be considered incomplete unless all required signatures are provided.

The undersigned certifies that he or she is an authorized officer or other authorized representative of the Bidder, and further certifies that:

(1) the Bidder has reviewed this RFP and all attachments and has investigated and informed itself with respect to all matters pertinent to this RFP and its proposal; (2) the Bidder's proposal is submitted in compliance with all applicable federal, state and local laws and regulations, including antitrust and anti-corruption laws; (3) the Bidder is bidding independently and that it has no knowledge of non-public information associated with a proposal being submitted by another party in response to this RFP other than a response submitted: (a) by an affiliate of that bidder or (b) for a project in which that bidder is also a project proponent or participant, which, in each case, must be disclosed in writing to the Evaluation Team with each such bidder's or affiliated bidder's proposal; (4) the Bidder has no knowledge of any confidential information associated with development of the RFP; (5) the Bidder's proposal has not been developed utilizing knowledge of any non-public information associated with the development of the RFP; (6) the Bidder has not obtained any confidential bidding-related information directly or indirectly from any of the Distribution Companies, in preparation of its bid; (7) except as disclosed by the Bidder in the relevant portions of its response, the Bidder is not an Affiliated Company of any Massachusetts investor-owned electric Distribution Company and no Distribution Company which is seeking proposals pursuant to the RFP has a financial or voting interest, controlling or otherwise in the bidder or the bidder's proposed project; (8) the bidder accepts that confidential information about their proposal might be shared with any members of the Evaluation Team, the Evaluation Team Consultant, the Independent Evaluator, ISO-NE or Other Authorities personnel; and (9) the bidder will continue to observe these requirements throughout the RFP process.

Violation of any of the above requirements may be reported to the appropriate government authorities and shall disqualify the Bidder from the RFP process.

The undersigned further certifies that the prices, terms and conditions of the Bidder's proposal are valid and shall remain open, without modification except as allowed in this RFP, until March 28, 2022, unless otherwise extended by mutual agreement between the bidder(s) and the Distribution Companies.

APPENDIX D: Procurement Statutes

MASSACHUSETTS GREEN COMMUNITIES ACT SECTION 83C

Section 83C. (a) In order to facilitate the financing of offshore wind energy generation resources in the commonwealth, not later than June 30, 2017, every distribution company shall jointly and competitively solicit proposals for offshore wind energy generation; and, provided, that reasonable proposals have been received, shall enter into cost-effective long-term contracts. Long-term contracts executed pursuant to this section shall be subject to the approval of the department of public utilities and shall be apportioned among the distribution companies.

(b) The timetable and method for solicitations of long-term contracts shall be proposed jointly by the distribution companies and the department of energy resources using a competitive bidding process, and shall be subject to review and approval by the department of public utilities. The distribution companies, in coordination with the department of energy resources, shall consult with the attorney general regarding the choice of solicitation methods. A solicitation may be coordinated and issued jointly with other New England states or entities designated by those states. The distribution companies may conduct 1 or more competitive solicitations through a staggered procurement schedule developed by the distribution companies and the department of energy resources; provided, that the schedule shall ensure that the distribution companies enter into cost-effective long-term contracts for offshore wind energy generation equal to approximately 1,600 megawatts of aggregate nameplate capacity not later than June 30, 2027; and provided further, that individual solicitations shall seek proposals for no less than 400 megawatts of aggregate nameplate capacity of offshore wind energy generation resources. A staggered procurement schedule developed by the department of energy resources, if applicable, shall specify that a subsequent solicitation shall occur within 24 months of a previous solicitation; provided, however, that the department of public utilities shall not approve a long-term contract that results from a subsequent solicitation and procurement period if the levelized price per megawatt hour, plus associated transmission costs, is greater than or equal to the levelized price per megawatt hour plus transmission costs that resulted from the previous procurement. Proposals received pursuant to a solicitation under this section shall be subject to review by the department of energy resources. If the department of energy resources, in consultation with the distribution companies and the independent evaluator, determines that reasonable proposals were not received pursuant to a solicitation, the department may terminate the solicitation, and may require additional solicitations to fulfill the requirements of this section.

(c) In developing proposed long-term contracts, the distribution companies shall consider long-term contracts for renewable energy certificates for energy and for a combination of both renewable energy certificates and energy. A distribution company may decline to pursue a proposal if the proposal's terms and conditions would require the contract obligation to place an unreasonable burden on the distribution company's balance sheet; provided, however, that the distribution company shall take all reasonable actions to structure the contracts, pricing or administration of the products purchased under this section in order to prevent or mitigate an impact on the balance sheet or income statement of the distribution company or its parent company, subject to the approval of the department of public utilities; provided further, that mitigation shall not increase costs to ratepayers. If a distribution company deems all proposals to be unreasonable, the distribution company shall, within 20 days of the date of its decision, submit a filing to the department of public utilities. The filing shall include, in the form and detail prescribed by the department of public utilities, documentation supporting the distribution company's decision to decline the proposals. Following a distribution company's filing, and within 4 months of the date of filing, the department of public utilities shall approve or reject the distribution company's decision and may order the distribution company to reconsider any proposal. If distribution companies are unable to agree on a winning bid

following a solicitation under this section, the matter shall be submitted to the department of energy resources which shall, in consultation with the independent evaluator, issue a final, binding determination of the winning bid; provided, that the final contract executed shall be subject to review by the department of public utilities. The department of energy resources may require additional solicitations to fulfill the requirements of this section.

(d) The department of public utilities shall promulgate regulations consistent with this section. The regulations shall: (1) allow offshore wind developers of offshore wind energy generation to submit proposals for long-term contracts consistent with this section; (2) require that a proposed long-term contract executed by the distribution companies under a proposal be filed with, and approved by, the department of public utilities before becoming effective; (3) provide for an annual remuneration for the contracting distribution company up to 2.75 per cent of the annual payments under the contract to compensate the company for accepting the financial obligation of the long-term contract, such provision to be acted upon by the department of public utilities at the time of contract approval; (4) require associated transmission costs to be incorporated into a proposal; provided that, to the extent there are transmission costs included in a bid, the department of public utilities may authorize or require the contracting parties to seek recovery of such transmission costs of the project through federal transmission rates, consistent with policies and tariffs of the Federal Energy Regulatory Commission, to the extent the department finds such recovery is in the public interest; and (5) require that offshore wind energy generating resources to be used by a developer under the proposal meet the following criteria: (i) provide enhanced electricity reliability; (ii) contribute to reducing winter electricity price spikes; (iii) are cost effective to electric ratepayers in the commonwealth over the term of the contract, taking into consideration potential economic and environmental benefits to the ratepayers; (iv) avoid line loss and mitigate transmission costs to the extent possible and ensure that transmission cost overruns, if any, are not borne by ratepayers; (v) adequately demonstrate project viability in a commercially reasonable timeframe; (vi) allow offshore wind energy generation resources to be paired with energy storage systems; (vii) where possible, mitigate any environmental impacts; and (viii) where feasible, create and foster employment and economic development in the commonwealth. The department of energy resources shall give preference to proposals that demonstrate a benefit to low-income ratepayers in the commonwealth, without adding cost to the project.

(e) A proposed long-term contract shall be subject to the review and approval of the department of public utilities. As part of its approval process, the department of public utilities shall consider recommendations by the attorney general, which shall be submitted to the department of public utilities within 45 days following the filing of a proposed long-term contract with the department of public utilities. The department of public utilities shall consider the potential costs and benefits of the proposed long-term contract and shall approve a proposed long-term contract if the department finds that the proposed contract is a cost-effective mechanism for procuring reliable renewable energy on a long-term basis, taking into account the factors outlined in this section. A distribution company shall be entitled to cost recovery of payments made under a long-term contract approved under this section.

(f) The department of energy resources and the attorney general shall jointly select, and the department of energy resources shall contract with, an independent evaluator to monitor and report on the solicitation and bid selection process in order to assist the department of energy resources in determining whether a proposal received pursuant to subsection (b) is reasonable and to assist the department of public utilities in its consideration of long-term contracts filed for approval. To ensure an open, fair and transparent solicitation and bid selection process that is not unduly influenced by an affiliated company, the independent evaluator shall: (1) issue a report to the department of public utilities analyzing the timetable and method of solicitation and the solicitation process implemented by the distribution companies and the department of energy resources under subsection (b) and include recommendations, if any, for improving the process; and (2) upon the opening of an investigation by the department of public utilities into a proposed long-term contract for a winning bid proposal, file a report with the department of public utilities that summarizes and analyzes the solicitation and the bid selection process, and provide the independent evaluator's assessment of

whether all bids were evaluated in a fair and objective manner. The independent evaluator shall have access to the information and data related to the competitive solicitation and bid selection process that is necessary to fulfill the purposes of this subsection; provided, however, that the independent evaluator shall ensure that all proprietary information remains confidential. The department of public utilities shall consider the findings of the independent evaluator and may adopt recommendations made by the independent evaluator as a condition for approval. If the independent evaluator concludes in the findings that the solicitation and bid selection of a long-term contract was not fair and objective and that the process was substantially prejudiced as a result, the department of public utilities shall reject the winning bid proposal.

(g) The distribution companies shall each enter into a contract with the winning bidders for their apportioned share of the market products being purchased from the project. The apportioned share shall be calculated and based upon the total energy demand from all distribution customers in each service territory of the distribution companies.

(h) A distribution company may elect to use any energy purchased under such contracts for sale to its customers and may elect to retain renewable energy certificates to meet the applicable annual renewable portfolio standard requirements under said section 11F of said chapter 25A. If the energy and renewable energy certificates are not so used, the distribution companies shall sell the purchased energy into the wholesale market and, provided that the department of energy resources has not notified the distribution company that the renewable energy certificates should be retained to facilitate reaching emission reduction targets pursuant to [chapter 298 of the acts of 2008](#) or [chapter 21N of the General Laws](#), shall sell the purchased renewable energy certificates to minimize the costs to ratepayers under the contract; provided, however, that the department of energy resources shall conduct periodic reviews to determine the impact on the energy and renewable energy certificate markets of the disposition of energy and renewable energy certificates under this section. The department of energy resources may issue reports recommending legislative changes if it determines that said disposition of energy and renewable energy certificates is adversely affecting the energy and renewable energy certificate markets.

(i) If a distribution company sells the purchased energy into the wholesale market and sells the renewable energy certificates, the distribution company shall net the cost of payments made to projects under the long-term contracts against the net proceeds obtained from the sale of energy and renewable energy certificates, and the difference shall be credited or charged to all distribution customers through a uniform fully reconciling annual factor in distribution rates, subject to review and approval of the department of public utilities.

(j) A long-term contract procured under this section shall utilize an appropriate tracking system to ensure a unit specific accounting of the delivery of clean energy, to enable the department of environmental protection, in consultation with the department of energy resources, to accurately measure progress in achieving the commonwealth's goals under [chapter 298 of the acts of 2008](#) or [chapter 21N of the General Laws](#).

(k) The department of energy resources and the department of public utilities may jointly develop requirements for a bond or other security to ensure performance with the requirements of this section.

(l) The department of energy resources may promulgate regulations necessary to implement this section.

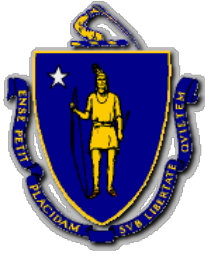
(m) If this section is subjected to a legal challenge, the department of public utilities may suspend the applicability of the challenged provision during the pendency of the action until a final resolution, including any appeals, is obtained and shall issue an order and take other actions as are necessary to ensure that the provisions not subject to the challenge are implemented expeditiously to achieve the public purposes of this section.

AN ACT TO ADVANCE CLEAN ENERGY (2018)

SECTION 21. (a) Notwithstanding any general or special law to the contrary, the department of energy resources shall investigate the necessity, benefits and costs of requiring distribution companies, as defined in section 1 of chapter 164 of the General Laws, to jointly and competitively conduct additional offshore wind generation solicitations and procurements of up to approximately 1,600 megawatts of aggregate nameplate capacity, in addition to the solicitations and procurements required by section 83C of chapter 169 of the acts of 2008, as amended by chapter 188 of the acts of 2016, and may require said additional solicitations and procurements by December 31, 2035; provided, however, that for said solicitations and procurements, as outlined in this section, the department of energy resources may also require distribution companies to jointly and competitively solicit and procure proposals for offshore wind energy transmission sufficient to deliver energy generation procured pursuant to this section from designated wind energy areas for which a federal lease was issued on or after January 1, 2012 that may be developed independent of such offshore wind energy generation; provided further, that such transmission service shall be made available for use by more than 1 wind energy generation project and shall not exceed the generation capacity authorized by this section; provided further, that any selection of offshore wind energy transmission shall be the most cost-effective mechanism for procuring reliable, low-cost offshore wind energy transmission service for ratepayers in the commonwealth.

(b) Prior to undertaking any additional solicitations and procurements beyond those required by section 83C of chapter 169 of the acts of 2008, as amended by chapter 188 of the acts of 2016, the department shall evaluate previous solicitation and procurement processes, including any reports of the independent evaluator, and shall make recommendations to the general court that include: (i) any improvements to the solicitation and procurement process; (ii) an evaluation of the necessity of additional solicitations and procurements, as outlined in subsection (a), to meet the commonwealth's energy policy goals, including the goals of chapter 169 and chapter 298 of the acts of 2008; (iii) any amount of recommended solicitations and procurements beyond those required by said section 83C of chapter 169 of the Acts of 2008, as amended by said chapter 188 of the acts of 2016, if applicable, provided that said recommendations do not exceed the amount in subsection (a); (iv) an evaluation of the impact of additional procurements, as outlined in subsection (a), on ratepayers, including distribution customers; and (v) any potential economic benefits; provided, further that any additional solicitations conducted pursuant to this section shall be subject to the required solicitation and procurement process of said section 83C of chapter 169 of the Acts of 2008, as amended by said chapter 188 of the Acts of 2016. The department shall file the report with the house and senate clerks and the joint committee on telecommunications, utilities and energy no later than July 31, 2019.

DOER Letter to the TUE Committee (May 31, 2019)



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Kathleen A. Theoharides
Secretary

Judith F. Judson
Commissioner

The Honorable Michael J. Barrett
Senate Chair, Joint Committee on Telecommunications, Utilities and Energy
State House, Room 109-D
Boston, MA 02133

The Honorable Thomas A. Golden, Jr.
House Chair, Joint Committee on Telecommunications, Utilities and Energy
State House, Room 473B
Boston, MA 02133

Dear Chairman Golden and Chairman Barrett:

In 2018, Governor Charlie Baker signed into law *An Act to Advance Clean Energy*, Chapter 227 of the Acts of 2018, which required the Massachusetts Department of Energy Resources (DOER) by July 31, 2019 to study the necessity, benefits and costs of requiring the Electric Distributions Companies (EDCs) to conduct additional solicitations and procurements for up to 1,600 megawatts (MW) of additional offshore wind. The legislation also directed DOER to evaluate the previous 1,600 MW solicitation under Section 83C and the associated procurement process and make recommendations for any improvements. Based on the study, DOER has the authority to require the EDCs to proceed with those additional solicitations and procurements for offshore wind generation by December 31, 2035.

Attached herein is the DOER Offshore Wind Study, the result of both extensive stakeholder outreach and quantitative energy sector modeling. Based on the analyses in our study, an additional solicitation of 1,600 MW will likely provide benefits for Massachusetts ratepayers in excess of the anticipated costs of the contracts as long as offshore wind pricing remains similar to the first 83C solicitation or continues to decline. Offshore wind can provide contributions towards achieving emissions reduction targets under the Global Warming Solutions Act and is particularly valuable in providing clean energy in winter

months. At this time, competitive procurements that provide long-term contracts are necessary for offshore wind projects to be financed and constructed.

A defined staggered offshore wind procurement schedule with solicitations at least 24 months apart will capture additional economic benefits of a growing offshore wind industry in the Northeast. Utilizing a defined staggered procurement schedule will enable the Commonwealth to take advantage of technology cost declines, send a strong development signal to the market, and facilitate coordination with other states. The timing of future solicitations also impacts the proposals' cost-effectiveness as there are greater benefits to offshore wind contracts in later years as Renewable Portfolio Standard and Clean Energy Standard compliance obligations continue to increase.

Based on these findings, the DOER recommends and will require the Massachusetts Electric Distribution Companies to proceed with an additional 1,600 MW of offshore wind generation solicitations. The study recommends that the additional solicitations take place in 2022 and 2024 in order to strike a balance between capturing cost effectiveness offered by later procurements while providing a steady pipeline of solicitations to spur and maintain economic development opportunities.

In order to evaluate potential benefits of independent transmission and maximize transmission competition, DOER recommends that potential transmission solutions should be considered and evaluated prior to any additional offshore wind generation solicitations. DOER recommends that a technical conference be held to assess whether and/or how a contingent solicitation for independent transmission in 2020 prior to additional solicitations for offshore wind generation could proceed.

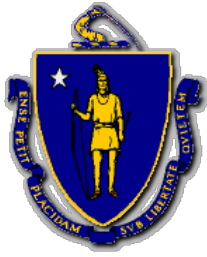
Massachusetts procurements should continue to encourage developers to maximize economic development opportunities in their proposals. Consideration should be given to the balance of having economic development costs in the procurement contracts which impacts electricity rates versus other economic development mechanisms outside the contracts. Higher electricity rates can have an impact on other energy-intensive industries. It is worthwhile to continue to look at economic development outside of the procurements to enable an "industry cluster" to develop in the Commonwealth.

We look forward to continuing to work with the legislature to create a clean, affordable, and resilient energy future for the Commonwealth.

Sincerely,

Judith Judson
Massachusetts Department of Energy Resources

DOER Letter to the TUE Committee (July 28, 2020)



COMMONWEALTH OF MASSACHUSETTS
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ENERGY AND ENVIRONMENTAL AFFAIRS
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Commissioner

Chairman Michael Barrett
Chairman Thomas Golden
Joint Committee on Telecommunication, Utilities and Energy
24 Beacon St.
Room 416
Boston, MA 02133

July 28, 2020

RE: Offshore Wind Energy Transmission under Section 21 of Chapter 227 of the Acts of 2018 (*An Act to Advance Clean Energy*)

Dear Chairman Barrett and Chairman Golden:

Thank you for your leadership and partnership in developing an offshore wind industry in Massachusetts. Since the passage of *An Act to Promote Energy Diversity* in 2016, Massachusetts has developed a template for competitively soliciting offshore wind proposals that has been replicated across the East Coast and yielded clean energy pricing that provides significant ratepayer benefits.

I am submitting this letter regarding the Department of Energy Resources' (DOER) authority granted under Section 21 of Chapter 227 of the Acts of 2018 ("An Act to Advance Clean Energy" or "Act") to require the Massachusetts distribution companies ("Distribution Companies" or "EDCs") to jointly and competitively solicit and procure proposals for offshore wind energy transmission.

Following a thorough investigation, DOER finds that the costs and risks of a solicitation for independent offshore wind energy transmission outweigh the potential benefits that could be captured by 1,600 MW of transmission capacity allowed under the Act, and therefore has decided not to require the Massachusetts EDCs to pursue such a solicitation at this time. This letter explains the investigation DOER conducted to reach this decision and outlines DOER's recommendations for the next offshore wind solicitation and potential future coordination on regional offshore wind transmission. These

recommendations revise DOER's 2019 *Offshore Wind Study*¹ recommendations for the size and timing of future offshore wind energy generation procurements.

I. Transmission Investigation Overview

In the *Offshore Wind Study* published in May 2019, DOER found that independent offshore wind energy transmission offered both potential benefits and risks and recommended conducting a technical conference to assess whether and/or how a solicitation for independent transmission should occur. On January 15, 2020, DOER issued a Request for Comment on Massachusetts Offshore Wind Transmission and Notice of Date for Technical Conference ("Notice") jointly with the Massachusetts Clean Energy Center ("MassCEC").² DOER and MassCEC reviewed written stakeholder comments submitted in response to the Notice and used the comments to guide preparations for the technical conference.

DOER and MassCEC hosted the technical conference on offshore wind transmission in Boston on March 3, 2020.³ MassCEC hosted the morning session, which consisted of expert presentations regarding offshore wind transmission system design, ownership models, and technical considerations. During the afternoon session, DOER hosted a moderated discussion with parties having a potential interest in an independent offshore wind energy transmission solicitation, including offshore wind developers, transmission developers, the Massachusetts EDCs, and environmental stakeholders.

Following the technical conference, DOER issued a Second Request for Comment⁴ on March 19, 2020, to allow stakeholders to respond to topics raised at the technical conference and in the first round of comments.

DOER is grateful to all the stakeholders who submitted written comments and participated in the technical conference for the detailed and thoughtful feedback regarding the benefits, costs, and risks of an independent offshore wind transmission solicitation.

II. Findings of Transmission Investigation

Based on this investigation, DOER finds that the costs and risks of conducting an independent offshore wind transmission solicitation outweigh the potential benefits.

The Act limits the size of a potential independent offshore wind transmission solicitation to 1,600 MW and at this size, our investigation found that there would likely be similar benefits from reduced cabling and/or improved interconnection from a transmission solicitation alone as from a bundled solicitation for generation and transmission at the same capacity. There was significant stakeholder support for the potential benefits of a "networked" or "backbone" independent transmission approach at a larger capacity.⁵ This type

¹ Massachusetts Department of Energy Resources, *Offshore Wind Study*, May 2019. Available at: <https://www.mass.gov/doc/offshore-wind-study/download>.

² Massachusetts Department of Energy Resources & Massachusetts Clean Energy Center, "Request for Comment on Massachusetts Offshore Wind Transmission and Notice of Date for Technical Conference," January 15, 2020. Available at: <https://www.mass.gov/doc/request-for-comment-and-notice-of-conference-on-massachusetts-offshore-wind-transmission/download>

³ Conference materials are available on DOER's *Offshore Wind Study* Webpage: <https://www.mass.gov/service-details/offshore-wind-study>

⁴ Massachusetts Department of Energy Resources, "Massachusetts Offshore Wind Transmission: Second Request for Stakeholder Comment," March 19, 2020. Available at: https://www.mass.gov/files/documents/2020/03/19/Second_Request_for_Comment_Offshore_Transmission_031920.pdf

⁵ See First Round of Stakeholder Comments on Massachusetts Offshore Wind Transmission, received February 19,

of initiative could be achieved more effectively at a larger scale of offshore wind build-out and with regional coordination among New England states, rather than through a single state procurement with limited size. A separate solicitation for 1,600 MW transmission capacity is too limiting to yield an offshore transmission grid that could be used as a platform for future offshore wind development for Massachusetts or the region. Additionally, undertaking a separate transmission solicitation would likely introduce certain risks such as: delaying upcoming offshore wind generation procurements; coordination issues between separate transmission and generation projects; and contracting and permitting hurdles that may increase costs and delay the successful development of future selected offshore wind projects.

Specifically, many stakeholders emphasized the need for long-term and large-scale planning for the transmission system in New England to accommodate a future expansion of offshore wind energy, including beyond the next 1,600 MW.⁶ DOER agrees and recognizes the need for transmission upgrades and planning to accelerate clean energy goals. In April 2019, the New England States Committee on Electricity (“NESCOE”) requested that ISO New England conduct an economic study regarding the impacts on the regional transmission system and wholesale market of increasing penetration of offshore wind resources and the report was released last month. Massachusetts has and will review the results of this study and other investigations into regional transmission upgrades. Massachusetts will work with other states and the ISO-New England to build on the regional study to assess cost-effective transmission upgrades that may be needed to accommodate offshore wind and other clean energy resources.

III. DOER Recommendations for Next Solicitation

DOER’s investigation into independent offshore wind transmission generated stakeholder recommendations for future solicitations for offshore wind generation. In the 2019 *Offshore Wind Study*, DOER proposed continuing with a staggered schedule of generation solicitations, each for up to 800 MW of offshore wind generation to fulfill the 1,600 MW target from *An Act to Advance Clean Energy*. Based on the information gathered during this investigation into offshore wind transmission, DOER is revising its recommendations for the next offshore wind solicitation that it plans to present and discuss with the Request for Proposals (“RFP”) drafting team. The process of drafting RFPs for offshore wind generation under Section 83C of Chapter 169 of the Acts of 2008, as inserted by Chapter 188 of the Acts of 2016 (“Section 83C”) is a collaborative effort among the Massachusetts Distribution Companies, DOER, the Attorney General’s Office, and an Independent Evaluator. DOER provides these recommendations now, while acknowledging that the decision to adopt or not adopt any or all of them would be made jointly by the RFP drafting team. Further, under Section 83C the Massachusetts Department of Public Utilities must review and approve the timetable and method of all future solicitations as contained in the jointly proposed RFP.

Based on stakeholder feedback and discussion during DOER’s transmission investigation, DOER believes that potential benefits of 1,600 MW of independent transmission, including reducing cabling and using onshore interconnection points efficiently, can be captured by soliciting for a similar capacity of bundled generation and transmission. In the 2019 *Offshore Wind Study*, DOER originally recommended the next Section 83C solicitation be for up to 800 MW of generation. A larger solicitation for bids up to the full 1,600 MW currently authorized under the *Act to Advance Clean Energy*, however, would allow developers greater flexibility in project design in ways that could be beneficial to the Commonwealth. First, a larger solicitation would allow developers the option of using of high voltage direct current (“HVDC”) cables, a technology which is preferable for transmitting larger volumes of energy over longer distances. Current HVDC technology for offshore wind can transmit up to 1,400 MW on a single cable; high voltage

2020 (<https://www.mass.gov/doc/offshore-wind-transmission-stakeholder-comments-2-19-20/download>) and Second Round of Stakeholder Comments on Massachusetts Offshore Wind Transmission, received April 22, 2020 (<https://www.mass.gov/doc/offshore-wind-comments-transmission-second-round-comments-04-22-20/download>)

⁶ See stakeholder comments referenced in Footnote 5.

alternating current (HVAC) cables for offshore wind have 400 MW capacity. Second, a larger solicitation for up to 1,600 MW would also allow developers the option to interconnect onshore at the maximum capacity allowed by ISO New England (1,200 MW single contingency limit), which could help ensure the limited number of onshore interconnection points in Massachusetts are used to their maximum potential. In sum, a larger solicitation would give developers maximum flexibility to use transmission infrastructure efficiently, thereby helping ensure the Commonwealth receives the best possible suite of bids that minimize the environmental and socioeconomic impacts of siting offshore wind structures in the ocean and on land and achieve many of the potential benefits of the independent transmission solicitation without the added costs and risks. Increasing the size of the solicitation also provides flexibility to the Selection Team to select a project larger than 800 MW that shows the most effective use of interconnection points and cabling. DOER, in its role as provided by Section 83C, will recommend that the next offshore wind solicitation allow for bids up to 1,600 MW—the full target amount under the *Act to Advance Clean Energy*—while allowing bids of smaller capacity to evaluate the optimal project capacity that maximizes cabling and interconnection efficiency.

Regarding the timing of the next offshore wind generation solicitation, DOER further recommends that the RFP drafting team, consisting of DOER, the Distribution Companies, the Attorney General's Office and an Independent Evaluator, begin drafting the next RFP in 2020 and plan for selection of a project or projects in 2022. Many stakeholders emphasized the need for Massachusetts to continue with timely solicitations for offshore wind given the increasing pace of solicitations by neighboring states and the finite capacity of the current lease areas.⁷ During DOER's transmission investigation, offshore wind developers did not express a need for extended time to develop proposals or create project portfolios.⁸ Starting the next offshore wind solicitation in 2020 will also allow for incorporation of findings from ongoing transmission-related efforts like the ISO economic studies. DOER also recommends that this schedule include time for public comment on the draft RFP, allowing for stakeholders and potential bidders to provide feedback and request clarity on bid requirements. Public comment on a proposed RFP will result in a refined bidding process and potentially result in bid proposals that better reflect the Commonwealth's policy goals.

DOER will also encourage the RFP drafting team to consider whether allowing contingent bids could offer benefits, for example by allowing developers to create cross-state portfolios that leverage economies of scale or other efficiencies. DOER will work with neighboring state agencies to evaluate the costs and benefits of coordinating on solicitation timing to enable contingent bids.

Additionally, DOER will work with the RFP drafting team to determine whether criteria regarding cabling and interconnection points should be evaluated as threshold criteria for bids in order to encourage efficient use of infrastructure by bidders. Finally, to gather data and better understand transmission costs for future solicitations and transmission planning efforts, DOER will encourage the RFP drafting team to consider mechanisms to benchmark or audit the transmission price component of bids for bundled transmission and generation in the next solicitation.

Sincerely,

Patrick C. Woodcock
Commissioner

⁷ See stakeholder comments referenced in Footnote 5.

⁸ See stakeholder comments referenced in Footnote 5.

APPENDIX E

CONFIDENTIAL INFORMATION

CONFIDENTIAL INFORMATION WITH RESPECT TO MASSACHUSETTS

With respect to the Commonwealth of Massachusetts, and subject to the confidentiality provisions described above for information associated with this solicitation in the possession of the Commonwealth of Massachusetts, the Massachusetts Distribution Companies shall use commercially reasonable efforts to treat the confidential information that they receive from bidders in a confidential manner and not, except: (1) as required by law; (2) pursuant to a request for information in a regulatory or judicial proceeding; or (3) pursuant to a request for information by a public utilities commission with supervisory authority over any of the Massachusetts Distribution Companies, disclose such information to any third party or use such information for any purpose other than in connection with this RFP; provided, however, that if such confidential information is sought in any regulatory or judicial inquiry or proceeding or pursuant to a request for information by a public utilities commission with supervisory authority over any of the Massachusetts Distribution Company, the Massachusetts Distribution Companies shall take reasonable steps to limit disclosure and use of said confidential information through the use of non-disclosure agreements or requests for orders seeking protective treatment, and shall inform the bidders that the confidential information is being sought. Bidders are advised that the Massachusetts Distribution Companies will share bid information with (a) the Massachusetts DOER to facilitate DOER's ability to perform its role under Section 83C, which includes its obligations to assess: (1) the process followed by the Massachusetts Distribution Companies; and (2) the merits of one or more PPAs proposed for approval to the MDPU and (b) the Independent Evaluator to facilitate the Independent Evaluator's performance of its role pursuant to Section 83C and this RFP. Pursuant to G.L. c. 25A, § 7, DOER has statutory authority to protect price, inventory and product delivery data. Notwithstanding the foregoing, in the event such confidential information is shared pursuant to a request for confidential treatment and confidential treatment is not afforded, the Massachusetts Distribution Companies shall not be held responsible. Similarly, bidders shall use commercially reasonable efforts to treat all confidential information received from the Massachusetts Distribution Companies in a confidential manner and will not, except as required by law or in a regulatory or judicial proceeding, disclose such information to any third party or use such information for any purpose other than in connection with this RFP; provided, however that if such confidential information is sought in any regulatory or judicial proceeding, the bidders shall take reasonable steps to limit disclosure and use of said confidential information through the use of non-disclosure agreements or requests for orders seeking protective treatment, and shall inform the Massachusetts Distribution Companies that the confidential information is being sought.

Bidders are advised that, per MDPU requirements, confidential bidder information may be disclosed during the MDPU approval process to parties that are granted full intervenor status in the proceeding. In past proceedings, full intervenor status has been granted to competitive suppliers and industry trade groups, and therefore, confidential bidder information has been

required, subject to an executed NDA, to be disclosed to legal counsel and/or a third-party consultant retained by the intervener for purposes of the proceeding.

Bidders are advised that, for any requests of the Massachusetts Distribution Companies for bidder information other than as described in the previous two paragraphs, the Massachusetts Distribution Companies will recommend that the party seeking bidder information contact the bidder directly to request such information and negotiate a non-disclosure agreement, as necessary.

APPENDIX F-1

STANDARD OF CONDUCT – NATIONAL GRID

STANDARD OF CONDUCT
GOVERNING ACTIVITY RELATED TO THE 2021
SOLICITATIONS IN MASSACHUSETTS AND RHODE ISLAND
FOR OFF-SHORE WIND ENERGY

March 10, 2021

INTRODUCTION

Pursuant to current state requirements and policies in Massachusetts and Rhode Island,¹ Massachusetts Electric Company, Nantucket Electric Company, and The Narragansett Electric Company, each d/b/a National Grid Energy (the “EDCs”), intend to issue competitive solicitations in Massachusetts and Rhode Island for long-term contracts to purchase energy and/or renewable energy certificates from off-shore wind energy generating facilities and any associated transmission service (the Massachusetts solicitation, which will be issued by National Grid along with other non-affiliated Massachusetts electric distribution companies, is also referred to as “Section 83C Round 3,” and they are collectively referred to herein as the “OSW Solicitation Processes”). For these OSW Solicitation Processes, the Massachusetts target is to procure up to 1,600 MW of off-shore wind and the Rhode Island target is to procure up to 600 MW of off-shore wind.

PURPOSE

The purpose of this Standard of Conduct is to establish uniform protocols and standards to govern the conduct of National Grid employees and representatives related to the OSW Solicitation Processes. Nothing in this document is intended to affect or modify the rights, obligations or duties of the EDCs arising under applicable state or federal laws, regulations or orders, but may provide additional obligations as it relates to the OSW Solicitation Processes to the extent provided for herein.

The EDCs acknowledge the need to follow a certain standard of conduct to ensure that: the OSW Solicitation Processes are conducted in a fair, transparent, and competitive manner; all laws, regulations, rules, and standards and codes of conduct are observed, including, specifically, the

¹ See Massachusetts St. 2016, c. 188, s. 12, amending St. 2008, c. 169, s. 83C, as well as St. 2018, c. 227, s. 21(a), allowing the Department of Energy Resources to direct the Massachusetts electric distribution companies to solicit long-term contracts for up to another 1,600 MW of offshore wind energy, which the DOER has done. See: <https://www.mass.gov/doc/offshore-wind-transmission-letter-07-28-20/download>. Also, pursuant to Executive Order 20-01, issued by Governor Gina M. Raimondo, committing Rhode Island to be powered by 100 percent renewable electricity by 2030, the State of Rhode Island has announced that National Grid will undertake a new procurement in 2021 for up to 600 MW of offshore wind energy. A press release is available at: <https://www.ri.gov/press/view/39674#:~:text=Raimondo%20calls%20for%20up%20to,%2C%20R.I.%20%E2%80%93%20Governor%20Gina%20M.&text=Offshore%20wind%20will%20help%20us.nation's%20burgeon%20offshore%20wind%20industry.%22>.

Department of Public Utilities regulations 220 CMR 12.00, “Standards of Conduct for Distribution Companies and their Competitive Affiliates,” which address costs and accounting, among other things; all potential bidders are treated equally; no potential bidder, including specifically an National Grid competitive affiliate, receives preferential treatment or confidential, non-public information not available to other potential bidders, enabling it to gain an unfair competitive advantage; and the efforts of the EDCs in the OSW Solicitation Processes do not create any actual or apparent conflict of interest. The EDCs seek to avoid any actual or apparent conflict of interest by and among themselves and their affiliates who may submit a proposal and who may be participating in the solicitation and evaluation of proposals in the OSW Solicitation Processes.

STANDARDS

These standards are to be followed by all employees and representatives of National Grid participating on behalf of the EDC or a Competitive Affiliate (as defined in 220 CMR 12.02) with respect to an RFP issued from the OSW Solicitation Processes, and all such persons must review, understand, acknowledge and agree to adhere to these standards in connection therewith.

1. Effective November 18, 2020, and through and until the date described in paragraph 15 below, the EDC shall designate, and add within a reasonably timely manner, the individuals participating with respect to an RFP issued from the OSW Solicitation Processes. Each such individual shall be designated to be on either a **Bid Team** or an **Evaluation Team**, no individual shall be a member of both a **Bid Team** and an **Evaluation Team**, and no individual may change from one team to the other during the same OSW Solicitation Process. Nor may an individual change from one team to the other for a period of at least three (3) years from the termination of their last participation on a Bid Team or Evaluation team in a prior offshore wind or clean energy solicitation process. Notwithstanding the foregoing, with respect to the Section 83C Round 3 solicitation, there shall be no switching from one team to the other if the person participated in one or more competitive energy solicitations under Section 83C or Section 83D² as an Evaluation Team or Bid Team member prior to the effective date of this Standard of Conduct.
 - a. The **Evaluation Team** will comprise employees and consultants/representatives of National Grid who participate in the planning, conduct, administration, endorsement, or oversight of the development of an RFP issued from the OSW Solicitation Processes, the evaluation of proposals, selection of proposed projects, negotiation of any agreements, and related filings with state and/or federal regulatory authorities on behalf of the EDC in connection with the OSW Solicitation Processes. National Grid

² See Massachusetts St. 2016, c. 188, s. 12, amending St. 2008, c.169, s. 83D.

provided the Independent Evaluator a corrected initial list of its members of the Evaluation Team on February 25, 2021 (but one which is comprehensive based on National Grid's plans at that time). National Grid may add more members to the Evaluation Team over time.

- b. The **Bid Team** will comprise employees and consultants/representatives of National Grid who participate in the planning, conduct, administration, endorsement, or oversight of the development of a proposal on behalf of a Competitive Affiliate in response to an RFP issued from the OSW Solicitation Processes. National Grid provided the Independent Evaluator an initial list of its Bid Team on February 24, 2021 (but one which is comprehensive based on National Grid's plans at that time). National Grid may add more members to the Bid Team over time.
 - c. Individuals who are neither members of the **Bid Team** nor **Evaluation Team** but who supervise in the normal course of their job responsibilities two or more employees who are participating on the **Bid Team** and the **Evaluation Team** shall be identified as "**Common Supervisors**". National Grid provided the Independent Evaluator an initial list of its Common Supervisors on February 24, 2021 (but one which is comprehensive based on National Grid's plans at that time). National Grid may add more Common Supervisors over time.
 - d. For any Massachusetts competitive energy solicitation following 83C Round 3 where the person switching from one team to the other is due to an ordinary, non-temporary change in job title and/or responsibilities and is otherwise allowed, National Grid shall post on the website for the competitive energy solicitation (in which that person is first participating) as a member of the opposite team:
 - The identity of any Bid Team member in a past solicitation who has become an Evaluation Team member in a current solicitation;
 - The identity of any Evaluation Team member in a past solicitation who has become a Bid Team member in a current solicitation;
 - The person's new job title and responsibilities;
 - The confidentiality obligations under this Standard of Conduct shall continue to apply to all persons who switch from one team to the other, except to the extent information is in the public realm, without any time limitations, notwithstanding the provisions of Section 15 herein.
2. With respect to each aspect of the OSW Solicitation Processes described above, the degree of participation and the conduct of the EDC or a Competitive Affiliate will be consistent with applicable state and federal laws, regulations and orders.

3. The EDC and/or a Competitive Affiliate may take further actions above and beyond these guidelines as it or they deem necessary or appropriate to avoid an actual or perceived conflict of interest in connection with the OSW Solicitation Processes or an RFP issued thereunder or to reduce the possibility of non-compliance with this Standard of Conduct.
4. Throughout the OSW Solicitation Processes, the **Bid Team** and the **Evaluation Team** will be represented by separate in-house legal counsel. The **Bid Team** and the **Evaluation Team** may also be represented by separate outside counsel; however, outside law firms must establish ethical walls within their firms to ensure separation of attorneys supporting the **Bid Team** and those supporting the **Evaluation Team**.
5. The **Bid Team** and the **Evaluation Team** shall report through and operate within independent companies, business units or departments to the extent reasonably feasible, based on the corporate and organizational structure of National Grid at the time. Where not reasonably feasible, the EDC and Competitive Affiliate will take reasonable measures to ensure these standards are observed.
6. The EDC agrees to request the inclusion of a requirement, in an RFP issued from the OSW Solicitation Processes, that bidders disclose any affiliation, ownership interest, financial interest, or other potential conflict of interest with any EDC involved in the OSW Solicitation Processes.
7. The EDC and Competitive Affiliate shall ensure that no confidential, non-public information is communicated or shared between or among the **Evaluation Team**, including members thereof, and the **Bid Team**, including members thereof, from the earlier solicitation processes for off-shore wind energy and clean energy and during the OSW Solicitation Processes (including 83D and the first two rounds of 83C in Massachusetts), except as allowed under the rules of the OSW Solicitation Process or RFP issued thereunder or this Standard of Conduct, regarding the following:
 - a. the planning, conduct, administration, endorsement, or oversight of the development of the OSW Solicitation Processes or an RFP issued thereunder, or the evaluation of proposals, or the selection of proposed projects in connection with the OSW Solicitation Processes or an RFP issued thereunder or the negotiation of any contracts with any selected bidder unless the selected bidder is a Competitive Affiliate and only in the context of negotiations between the EDCs and such selected bidder; or,
 - b. the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued from the OSW Solicitation Processes on behalf of a Competitive Affiliate.
8. No member of the **Evaluation Team** may consult, advise or communicate directly or indirectly with a member of the **Bid Team**, and vice-versa, any confidential, non-public

information during the OSW Solicitation Processes, except as contemplated under the rules of the OSW Solicitation Processes or an RFP issued thereunder or this Standard of Conduct, regarding the following:

- a. the planning, conduct, administration, endorsement, or oversight of the development of the OSW Solicitation Processes or an RFP issued thereunder, or the evaluation of proposals, or the selection of proposed projects within the OSW Solicitation Processes; or,
- b. the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued under the OSW Solicitation Processes on behalf of a Competitive Affiliate.

In addition, the obligation not to communicate or share confidential, non-public information applies to confidential, non-public information obtained from earlier solicitation processes for off-shore wind energy or clean energy and applies to the OSW Solicitation Processes, without regard to the effective date of this Standard of Conduct. Further, Evaluation Team and Bid Team members shall comply with the communications requirements in Sections 1.4 and 1.6 of the Section 83C Round 3 RFP

9. **Common Supervisors** are responsible for ensuring compliance with this Standard of Conduct and may not be a conduit and communicate directly or indirectly any confidential, non-public information obtained from a member of the **Evaluation Team** with a member of the **Bid Team**, and vice-versa, during the OSW Solicitation Processes, except as contemplated under the rules of the OSW Solicitation Processes or an RFP issued thereunder or this Standard of Conduct, regarding the following:

- a. the planning, conduct, administration, endorsement, or oversight of the development of the OSW Solicitation Processes or an RFP issued thereunder, or the evaluation of proposals, or the selection of proposed projects in connection with the OSW Solicitation Processes or an RFP issued thereunder or the negotiation of contracts thereunder; or,
- b. the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued from the OSW Solicitation Processes on behalf of a Competitive Affiliate.

No National Grid employee or consultant/representative that is not an **Evaluation Team** member or **Common Supervisor** shall be given access to confidential, non-public information pertaining to the planning, conduct, administration, endorsement, or oversight of the development of the OSW Solicitation Processes or an RFP issued thereunder, or the evaluation of proposals, or the selection of proposed projects in connection with the OSW Solicitation Processes or an RFP issued thereunder or the negotiation of contracts

thereunder.

Further, no National Grid employee or consultant/representative that is not a **Bid Team** member or **Common Supervisor** shall be given access to confidential, non-public information pertaining to the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued under the OSW Solicitation Processes on behalf of a Competitive Affiliate.

10. Since National Grid employees and consultants/representatives are divided into an **Evaluation Team** and a **Bid Team** subject to the terms of this Standard of Conduct, the EDC's **Evaluation Team** members may participate, as contemplated under the rules of the OSW Solicitation Processes or an RFP issued thereunder, in the evaluation or selection of proposed projects submitted by a Competitive Affiliate, and the negotiation of contracts relating to any projects selected in connection with the OSW Solicitation Processes or an RFP issued thereunder, including any submitted by a Competitive Affiliate.
11. National Grid shall communicate these standards to all persons serving on the **Bid Team**, the **Evaluation Team**, or as a **Common Supervisor** and shall conduct appropriate training for such persons, and all such persons shall certify in writing at the beginning of the OSW Solicitation Processes their commitment to honoring and complying with the Standard of Conduct in a form consistent with Appendix A, and shall certify in writing at the conclusion of the OSW Solicitation Processes that they honored and complied with the Standard of Conduct throughout the OSW Solicitation Processes in a form consistent with Appendix B. All persons serving on the **Bid Team**, the **Evaluation Team**, or as a **Common Supervisor** will be instructed to refer any questions regarding compliance with the Standard of Conduct (including any reasonably suspected violations or confirmed violations) to the National Grid Designated Compliance Officer. If the National Grid Designated Compliance officer becomes aware of any reasonably suspected violation or confirmed violation of this Standard of Conduct, he shall inform the Independent Evaluator with respect to the nature of the reasonably suspected violation or confirmed violation, his opinion with respect to its materiality, and with a plan, if any, to cure or mitigate such reasonably suspected violation or confirmed violation and to prevent the prospect of reoccurrence. Upon the request of the Independent Evaluator near or following the end of the OSW Solicitation Process, the National Grid Designated Compliance Officer shall report to the Independent Evaluator regarding compliance with this Standard of Conduct and shall provide a certificate of compliance in the form attached hereto as Appendix C.
12. National Grid shall timely post on the OSW Solicitation Processes website the name of each member of the **Evaluation Team** and **Bid Team** who is, or is planned to be, a participant in the OSW Solicitation Processes (including those persons who are added to a team pursuant to Sections 1(a) and 1(b) herein). Job titles and organizational roles shall be timely provided

to the IE. In addition, National Grid shall timely provide the names of the **Common Supervisors** to the Independent Evaluator, along with their job titles and organizational roles (including any added Common Supervisors pursuant to Section 1(c) herein).

13. The **Evaluation Team** and **Evaluation Team** members shall not treat the bid of an affiliate bidder (including any bid where an affiliate is participating in the bid) in a preferential manner or treat any other bid in a discriminatory manner. This requirement shall also apply to Common Supervisors to the extent they participate in the bid selection process.
14. The **Bid Team** and **Bid Team** members shall properly report their services and expenditures pursuant to National Grid procedures to prevent cross-subsidization of the **Bid Team** by the EDC and its ratepayers.
15. This Standard of Conduct shall be in place until the earliest of: (1) the conclusion of all regulatory filings or approval proceedings resulting from the OSW Solicitation Processes; (2) the termination or abandonment of the OSW Solicitation Processes; (3) the execution of all contracts entered into by the EDCs pursuant to the OSW Solicitation Processes with the winning bidder(s); provided, however, the obligation of **Evaluation Team** members and **Common Supervisors** not to communicate or share confidential, non-public information under this Standard of Conduct shall extend for a period of five (5) years from the date that a final Order is issued in a proceeding on the OSW Solicitation Processes by the Department of Public Utilities, except with respect to situations where confidentiality obligations extend beyond that period pursuant to Section 1(d) herein.

**NATIONAL GRID USA
SERVICE COMPANY, INC.**



By: _____
Name: Michael Calviou
Title: Senior Vice President

APPENDIX A:
NATIONAL GRID OFFSHORE WIND ENERGY SOLICITATION PROCESSES IN
MASSACHUSETTS AND RHODE ISLAND
STANDARDS OF CONDUCT EMPLOYEE CERTIFICATE

Reference is hereby made to the STANDARD OF CONDUCT GOVERNING ACTIVITY RELATED TO THE 2021 SOLICITATIONS IN MASSACHUSETTS AND RHODE ISLAND FOR OFFSHORE WIND ENERGY, dated March 10, 2021 (the “Standard of Conduct”). I certify that I have been provided with a copy of the Standard of Conduct, I have read and fully understand the Standard of Conduct and I have received training on the Standard of Conduct on the date noted below. Furthermore, I understand that I have been designated by National Grid to participate in this process and I commit to honoring the Standard of Conduct throughout the entire process and I acknowledge that I will execute a certificate at the conclusion of this process that I have honored the Standard of Conduct. Moreover, I understand and commit that I shall be exclusively on the designated team for the duration of the Offshore Wind Solicitation Processes and I shall ensure that no confidential, non-public information regarding the solicitation or evaluation process, a proposal, or the evaluation of any proposal shall be communicated outside of my team.

To the extent I have any questions regarding compliance with these Standard of Conduct I will consult with John P. Boyle, Senior Counsel II, National Grid.

Dated: _____

Print Name: _____

Signed: _____

Job Title: _____

Department: _____

Date Trained: _____

APPENDIX B

CERTIFICATE OF COMPLIANCE

I participated on a National Grid Bid or Evaluation Team or was a Common Supervisor in connection with the Massachusetts 83C Round 3 Solicitation Process. As part of this certification, I certify that (a) I completed the training required under section 11 of the STANDARD OF CONDUCT RELATED TO THE 2021 SOLICITATIONS IN MASSACHUSETTS AND RHODE ISLAND FOR OFF-SHORE WIND ENERGY (“Standard of Conduct”); (b) I affirmed my commitment to honor and comply with the Standard of Conduct by signing a Certification in a form similar to Appendix A of the Standard of Conduct; (c) I honored and complied with the Standard of Conduct throughout the 83C Round 3 Solicitation Process; and, (d) I have no knowledge, and no reason to believe, that there has been any failure to comply with the Standard of Conduct during the 83C Round 3 Solicitation Process.

[There will be a similar form for the Rhode Island 2021 solicitation process]

Signed: _____

Printed Name: _____

Title: _____

Dated: _____

Supervisor Name: _____

Title: _____

APPENDIX C:
CERTIFICATE OF COMPLIANCE

I am the National Grid Compliance Officer assigned to these processes, and I certify that National Grid has complied with the **NATIONAL GRID OFFSHORE WIND ENERGY SOLICITATION PROCESSES IN MASSACHUSETTS AND RHODE ISLAND STANDARDS OF CONDUCT EMPLOYEE CERTIFICATE (“Standard of Conduct”)**. As part of this certification, I certify that: (a) the training required under Section 11 of the Standard of Conduct was conducted for Evaluation Team and Bid Team members and for Common Supervisors; (b) that all such persons affirmed their commitment to honor and comply with the Standard of Conduct in a form consistent with Appendix A of the Standard of Conduct; (c) that all such persons certified in writing at or near the conclusion of the OSW Solicitation Processes that they honored and complied with the Standard of Conduct in a form consistent with Appendix B of the Standard of Conduct; and (d) that I have no knowledge, and no reason to believe, that there has been any failure to comply with the Standard of Conduct.

Signed: _____

Printed Name: _____

Title: _____

Dated: _____

APPENDIX F-2

STANDARD OF CONDUCT – EVERSOURCE

**EVERSOURCE STANDARD OF CONDUCT GOVERNING
ACTIVITY RELATED TO OFFSHORE WIND
DEVELOPMENT AND SOLICITATIONS FOR CLEAN
ENERGY RESOURCES**

Effective November 18, 2020

1. INTRODUCTION

- 1.1. Eversource commits to comply with all laws and regulations, rules, and standards and codes of conduct governing utility interactions by and between affiliate companies to ensure that the Eversource electric distribution companies (The Connecticut Light and Power Company d/b/a Eversource Energy, NSTAR Electric Company d/b/a Eversource Energy, and Public Service Company of New Hampshire d/b/a Eversource Energy) (collectively “**Eversource EDCs**” with each individual company an “**Eversource EDC**”) do not provide an unfair competitive advantage, preferential treatment, or improper subsidy to Eversource’s competitive energy affiliates, including specifically its offshore wind affiliates (“**Eversource Competitive Energy Affiliates**”).
- 1.2. Eversource acknowledges the need to follow certain additional standards of conduct to ensure:
 - 1.2.1. Competitive solicitations for clean energy resources, including specifically offshore wind, are conducted in a fair, transparent and competitive manner;
 - 1.2.2. All applicable laws and regulations, rules, and standards and codes of conduct, including specifically those relating to such **Competitive Energy Solicitations**, are observed;
 - 1.2.3. All potential bidders in **Competitive Energy Solicitations** are treated fairly and equitably and are provided the same access to solicitation-related information as an **Eversource Competitive Energy Affiliate**;
 - 1.2.4. No potential bidder in a **Competitive Energy Solicitation**, including specifically an **Eversource Competitive Energy Affiliate**, receives preferential treatment, subsidy or confidential, non-public information not available to other potential non-affiliated bidders;
 - 1.2.5. No potential bidder in a **Competitive Energy Solicitation**, including specifically an **Eversource Competitive Energy Affiliate**, is given an unfair competitive advantage;
 - 1.2.6. No costs and expenses of **Eversource Competitive Energy Affiliates** are cross-subsidized by customers of the **Eversource EDCs**; and
 - 1.2.7. Eversource employees, consultants or representatives do not engage in conduct that creates an actual or apparent conflict of interest in connection with any **Competitive Energy Solicitations**.

2. PURPOSE

- 2.1. This **Standard of Conduct** is effective on November 18, 2020, and establishes protocols

and standards to govern the conduct of Eversource employees, consultants and representatives in connection with (a) Eversource’s ownership interest in, and development, construction, operation and maintenance of, competitive energy projects, including specifically offshore wind, and/or the development and submission of bids in connection with **Competitive Energy Solicitations** and (b) the planning, conduct, administration, or oversight of **Competitive Energy Solicitations**, where an **Eversource Competitive Energy Affiliate** may be or is a bidder.

3. **DEFINITIONS**

- 3.1. **Competitive Energy Solicitation**—Any solicitation process seeking competitive bids for renewable or clean energy resources or products sponsored, overseen or regulated by state or federal regulatory bodies in which an **Eversource EDC** is participating.
- 3.2. **Confidential Business Information (“CBI”)**—Confidential and proprietary business information of the company, including technical, financial, commercial, marketing, intellectual property or other business information. This also includes confidential Critical Infrastructure Information vital to electric, transmission, generation, and distribution operations. Critical Infrastructure Protection (“CIP”) information designated as such by the North American Electric Reliability Corporation (“NERC”) CIP standards, and critical energy infrastructure information (“CEII”) designated as such by the Federal Energy Regulatory Commission (“FERC”).
- 3.3. **Confidential Competitive Energy Solicitation Information (“CCESI”)**—Confidential, non-public information, including CBI relating to:
 - 3.3.1. The planning, conduct, administration, endorsement, or oversight of the development of a **Competitive Energy Solicitation** or an RFP issued in connection therewith, or the evaluation of bids or proposals, or the selection of proposed projects in connection with any such **Competitive Energy Solicitation** or an RFP issued thereunder;
 - 3.3.2. The planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued in connection with a **Competitive Energy Solicitation** on behalf of an **Eversource Competitive Energy Affiliate**; or,
 - 3.3.3. The negotiation of any contracts with any selected bidder.
- 3.4. **Eversource Bid Team**—Eversource employees, consultants and representatives who participate on behalf of an **Eversource Competitive Energy Affiliate**, including specifically an offshore wind affiliate, in the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP in, and/or the negotiation of any contracts pursuant to, a **Competitive Energy Solicitation**.
- 3.5. **Eversource Common Supervisor**—Eversource supervisory employees who are not members of an **Eversource Bid Team** or **Eversource Evaluation Team** and who directly or indirectly supervise in the normal course of their job responsibilities one or more employees participating (a) on an **Eversource Bid Team** and (b) on an **Eversource Evaluation Team**.
- 3.6. **Eversource Competitive Energy Affiliate**—Eversource affiliate company that is engaged

in the sale or marketing of electricity, renewable generation or energy-related services on a competitive basis.

37. ***Eversource Evaluation Team***—Eversource employees, consultants and representatives who participate on behalf of an **Eversource EDC** in the planning, conduct, administration, endorsement, or oversight of the development of an RFP issued in connection with a **Competitive Energy Solicitation**, and/or the evaluation of proposals, selection of proposed projects, negotiation of any agreements, and related filings with state and/or federal regulatory authorities on behalf of an **Eversource EDC** in connection with a **Competitive Energy Solicitation**.
38. ***Eversource Senior Executives***—The CEO and Executive Vice Presidents of Eversource Energy and Eversource Energy Service Company, as applicable.
39. ***Standard of Conduct***—This Eversource Standard of Conduct Governing Activity Related to Offshore Wind Development and Solicitations for Clean Energy Resources (Effective November 18, 2020).
- 3.10. For purposes of this **Standard of Conduct** “representatives” shall be deemed to include legal counsel.

4. ROLES & RESPONSIBILITIES

- 4.1. ***Bid & Evaluation Teams***—Eversource employees, consultants and representatives participating in a **Competitive Energy Solicitation** will be a member of an **Eversource Bid Team** or an **Eversource Evaluation Team**. No Eversource employees, consultants or representatives participating in a **Competitive Energy Solicitation** may be a member of both an **Eversource Bid Team** and an **Eversource Evaluation Team** or may change from one team to the other (a) during the same or successive **Competitive Energy Solicitation** processes; and (b) for a period of at least two (2) years from the termination of their last participation on a bid or evaluation team in a prior **Competitive Energy Solicitation** process, whichever is longer.
 - 4.1.1. Notwithstanding the foregoing, with respect to the Massachusetts 83C Round 3 Competitive Energy Solicitation, there shall be no switching from one team to the other if the person participated in one or more **Competitive Energy Solicitations** under Section 83C or 83D as an **Eversource Evaluation Team** or **Eversource Bid Team** member prior to the effective date of this **Standard of Conduct**.
 - 4.1.2. For any Massachusetts Competitive Energy Solicitation following 83C Round 3 where the person switching from one team to the other is due to an ordinary, non-temporary change in job title and/or responsibilities and is otherwise allowed, Eversource shall post on the website for the **Competitive Energy Solicitation** in which that person is first participating as a member of the opposite team:
 - 4.1.2.1. the identity of any **Eversource Bid Team** member in a past solicitation who has become an **Eversource Evaluation Team** member in the current solicitation;
 - 4.1.2.2. the identity of any **Eversource Evaluation Team** member in a past

solicitation who has become an **Eversource Bid Team** member in the current solicitation; and

4.1.2.3. the person's new job title and/or responsibilities.

4.1.3. The confidentiality obligations under this **Standard of Conduct** shall continue to apply to all persons who switch from one team to the other as described below in Sections 5.7 and 6.2.

42. **Rosters**—Eversource will develop and maintain rosters of Eversource employees, consultants and representatives participating in a **Competitive Energy Solicitation** as members of an **Eversource Bid Team** or an **Eversource Evaluation Team**. Rosters will be posted on the Compliance & Me site on the Eversource HUB and will be reviewed and updated at least quarterly by the Deputy General Counsel & Chief Compliance Officer in consultation with the leads from the **Eversource Bid Teams** and **Eversource Evaluation Teams**, as well as the leadership of the **Competitive Energy Affiliates**.

4.2.1. In addition, in connection with a **Competitive Energy Solicitation** in Massachusetts, Eversource will, if required,

4.2.1.1. Post on the designated clean energy solicitation website in a timely fashion the names of Eversource employees, consultants and representatives participating in a **Competitive Energy Solicitation** as members of an **Eversource Bid Team** or an **Eversource Evaluation Team**.

4.2.1.2. Provide the Independent Evaluator (if one is appointed) in a timely fashion, with

4.2.1.2.1. a list of job titles and organizational roles of members of **Eversource Bid Teams** and **Eversource Evaluation Teams**; and

4.2.1.2.2. the names of **Common Supervisors** of members of **Eversource Bid Teams** and **Eversource Evaluation Teams**, along with their job titles and organizational roles.

43. **Common Supervisor Mitigation Plans**—Eversource **Common Supervisors** will develop a written mitigation plan setting out the controls they and their reports who are members of **Eversource Bid Teams** and **Eversource Evaluation Teams** will implement to ensure compliance with the **Standard of Conduct**, including specifically the confidentiality and no-conduit requirements, and provide them to Eversource's Deputy General Counsel & Chief Compliance Officer.

44. **Badging**—In connection with a **Competitive Energy Solicitation**, members of an **Eversource Bid Team** and an **Eversource Evaluation Team**, will be assigned colored ID badge holders to wear to enable easy visual identification of their status as follows:

4.4.1. **Eversource Evaluation Team** members will wear a **red** ID badge cover; and

4.4.2. **Eversource Bid Team** members will wear a **green** ID badge cover.

45. **Compliance**—The degree of participation and the conduct of an **Eversource EDC** or an **Eversource Competitive Energy Affiliate** in a **Competitive Energy Solicitation** will be consistent with, and in compliance with, applicable state and federal laws, regulations

and orders.

46. ***Affiliate Disclosures***—The **Eversource EDCs** agree to request the inclusion of a requirement, in any RFP issued in connection with a **Competitive Energy Solicitation**, that bidders disclose any affiliation, ownership interest, financial interest, or other potential conflict of interest with any electric distribution companies involved in the solicitation process.
47. ***Legal Representation***—**Eversource Bid Team** and **Eversource Evaluation Team** will be represented by separate in-house legal counsel and, where practicable, by separate outside counsel during a **Competitive Energy Solicitation**; however, to the extent any outside law firm represents both the **Eversource Bid Team** and the **Eversource Evaluation Team**, such firm must establish ethical walls within their firm pursuant to a written mitigation plan to ensure separation of attorneys supporting an **Eversource Bid Team** and those supporting an **Eversource Evaluation Team**.
48. ***Independence***—An **Eversource Bid Team** and **Eversource Evaluation Team** participating in a **Competitive Energy Solicitation** will report through and operate within independent companies, business units or departments to the extent reasonably feasible, based on the corporate and organizational structure of Eversource at the time. Where not reasonably feasible, Eversource will take measures to ensure compliance with this **Standard of Conduct**.

5. STANDARDS & CONTROLS

51. ***Communication & Training***—Eversource will communicate the standards under the **Standard of Conduct** to all Eversource employees, consultants and representatives serving on an **Eversource Bid Team** and an **Eversource Evaluation Team**, as well as all **Eversource Common Supervisors** and **Eversource Senior Executives** and provide them with appropriate initial and periodic refresher training and awareness communications.
52. ***Certifications***—All Eversource employees, consultants and representatives serving on an **Eversource Bid Team** or **Eversource Evaluation Team**, as well as all **Eversource Common Supervisors** and **Eversource Senior Executives**, shall certify in writing at the beginning of each **Competitive Energy Solicitation** process in which they participate that they reviewed, understand, and agree to comply with the **Standard of Conduct** in a form consistent with Appendix A, and will certify in writing at the conclusion of each **Competitive Energy Solicitation** process in which they participate that they complied with and did not violate the **Standard of Conduct** during the solicitation process in a form consistent with Appendix B.
53. ***Non-Discrimination/No Preferential Treatment***—**Eversource Evaluation Team** members shall not treat the bid or proposal of an **Eversource Competitive Energy Affiliate** (including any bid or proposal in which an **Eversource Competitive Energy Affiliate** is participating) in a preferential manner or treat any other bid in a discriminatory manner. This requirement shall also apply to **Common Supervisors** and/or **Senior Executives** to the extent they participate in the bid selection process.
54. ***Expense Reporting; No Cross-Subsidization***—The **Eversource Bid Team** will properly report their time, services and expenditures pursuant to Eversource procedures to prevent

cross-subsidization of an **Eversource Bid Team** member, or **Eversource Competitive Energy Affiliate** by the **Eversource EDCs** and their customers.

55. **Confidentiality**—Members of an **Eversource Bid Team** shall not directly or indirectly share, discuss or disclose **CCESI** with members of an **Eversource Evaluation Team**. Members of an **Eversource Evaluation Team** shall not directly or indirectly share, discuss or disclose **CCESI** with members of an **Eversource Bid Team**.
 - 5.5.1. No Eversource employee, consultant or representative who is not an **Eversource Evaluation Team** member, **Eversource Senior Executive** or **Eversource Common Supervisor** shall be given access to **CCESI** pertaining to the planning, conduct, administration, endorsement, or oversight of the development of the solicitation process or an RFP issued in connection therewith, or the evaluation of proposals, or the selection of, or negotiations pertaining to, proposed projects in connection with the solicitation process or an RFP issued thereunder.
 - 5.5.2. No Eversource employee, consultant or representative who is not an **Eversource Bid Team** member, **Eversource Senior Executive** or **Eversource Common Supervisor** shall be given access to **CCESI** pertaining to the planning, conduct, administration, endorsement, or oversight of the development of a proposal in response to an RFP issued in connection with the solicitation process on behalf of a **Eversource Competitive Energy Affiliate**.
56. **No Conduit Requirements**—In addition to the confidentiality requirements for members of **Eversource Bid Teams** and **Eversource Evaluation Teams**, no Eversource employees, consultants or representatives not members of an **Eversource Bid Team** or an **Eversource Evaluation Team**, may be a conduit for communicating directly or indirectly any **CCESI** to other employees not authorized to access the **CCESI**, including specifically as follows:
 - 5.6.1. **Eversource Senior Executives** and **Common Supervisors** are responsible for ensuring compliance of their direct and indirect reports with the **Standard of Conduct** and may not be a conduit for communicating directly or indirectly any **CCESI**:
 - 5.6.1.1. Obtained or learned from a member of an **Eversource Evaluation Team** with a member of an **Eversource Bid Team**; or
 - 5.6.1.2. Obtained or learned from a member of an **Eversource Bid Team** with a member of an **Eversource Evaluation Team**
 - 5.6.1.3. Except as allowed under the rules of the specific **Competitive Energy Solicitation** or the **Standard of Conduct**.
57. **CCESI from Prior Solicitation Processes**—The confidentiality and no-conduit obligations apply to **CCESI** developed and related to prior **Competitive Energy Solicitations** unless and to the extent that such information is in the public realm.
58. **Information Security Controls**—Each **Eversource Bid Team** or **Eversource Evaluation Team** will have access to a secure file share and/or Microsoft Teams/SharePoint location for the development, access and maintenance of **CCESI** and other information related to the **Eversource Bid Team** or **Eversource Evaluation**

Team, as applicable.

- 5.8.1. Access to the secure information location will be limited to individuals who are members of an **Eversource Bid Team** or **Eversource Evaluation Team** who have completed their initial **Standard of Conduct** training and have certified that they reviewed, understand, and agree to comply with the **Standard of Conduct**.
 - 5.8.2. The Eversource Deputy General Counsel & Chief Compliance Officer will control access to the secure locations.
59. ***Competitive Energy Solicitation Meetings***—There shall be no meetings of one or more **Eversource Bid Team** members and one or more **Eversource Evaluation Team** members relating to a **Competitive Energy Solicitation** at which **CCESI** or any other non-public information relating to a **Competitive Energy Solicitation** is discussed or disclosed or that otherwise violates the terms of the applicable Request for Proposals for Long-Term Contracts for Offshore Wind Energy Projects, including specifically Sections 1.4 and 1.6.
- 5.10. ***Competitive Energy Solicitation Communications***—There shall be no correspondence or communications related to a **Competitive Energy Solicitation** in which **CCESI** or any other non-public information relating to a **Competitive Energy Solicitation** is discussed or disclosed, where such communication or correspondence is sent to one or more **Eversource Bid Team** members and one or more **Eversource Evaluation Team** members, or that otherwise violates the terms of the applicable Request for Proposals for Long-Term Contracts for Offshore Wind Energy Projects, including specifically Sections 1.4 and 1.6.
- 5.11. ***Communicating Standard of Conduct Questions & Suspected Violations***—Questions regarding compliance with the **Standard of Conduct**, as well as reasonably suspected violations of the **Standard of Conduct** shall be promptly communicated to the Eversource Deputy General Counsel & Chief Compliance Officer.
- 5.12. ***Violations of the Standard of Conduct; Mitigation Plan; Reporting***—When the Eversource Deputy General Counsel & Chief Compliance Officer becomes or is made aware of any reasonably suspected violation of the **Standard of Conduct**, he shall promptly investigate to determine whether a violation has occurred. If he concludes a violation of the **Standard of Conduct** has occurred, he will document the nature of the violation, including its materiality, and develop an appropriate plan to cure or mitigate the impact of the violation and to prevent the prospect of reoccurrence.
- 5.12.1. In connection with **Competitive Energy Solicitations** in Massachusetts, the Eversource Deputy General Counsel & Chief Compliance Officer shall promptly inform the Independent Evaluator, if one is appointed, of the nature of a violation or reasonably suspected violation of the **Standard of Conduct**, his opinion with respect to its materiality, and a plan, if any, to cure or mitigate the impact of the violation or reasonably suspected violation and to prevent the prospect of reoccurrence.
 - 5.12.2. In connection with, and near or following the end of, a **Competitive Energy Solicitation** in Massachusetts, and upon the request of the Independent Evaluator (if one is appointed), the Eversource Deputy General Counsel & Chief Compliance Officer shall confirm Eversource’s compliance with the **Standard**

of Conduct during the solicitation process in a form similar to Appendix C, with any appropriate qualifications under the circumstances.

5.13. ***Evaluation & Selection of Proposals***—Since Eversource participants in a **Competitive Energy Solicitation** are divided into an **Eversource Evaluation Team** and an **Eversource Bid Team** subject to the terms of the **Standard of Conduct**, the **Eversource Evaluation Team** members may participate, as contemplated under the rules of the particular solicitation process or RFP issued thereunder, in the evaluation or selection of proposed projects submitted by an **Eversource Competitive Energy Affiliate**, and the negotiation of contracts relating to any projects selected in connection with a **Competitive Energy Solicitation** or an RFP issued thereunder, including any submitted by an **Eversource Competitive Energy Affiliate**.

5.13.1. Eversource will ensure that all interactions, discussions, communications and negotiations between any **Eversource Bid Team** members and **Eversource Evaluation Team** members are in full compliance with:

5.13.1.1. all applicable state statutory and regulatory requirements;

5.13.1.2. all federal statutory and regulatory requirements including the FERC Standards of Conduct for Transmission Providers, as detailed in FERC Orders 717, 787 and 807;

5.13.1.3. any compliance plan, standards of conduct or tariff filed by the **Eversource EDCs** with FERC or any state regulatory agency; and

5.13.1.4. all other applicable laws, regulations, rules, standards and codes of conduct, including any standard or code of conduct specific to the **Competitive Energy Solicitation** in question governing interactions between the **Eversource EDCs** and their **Eversource Competitive Energy Affiliates**.

5.13.1.5. This **Standard of Conduct**.

5.14. Eversource may take further actions above and beyond those required under this Standard of Conduct as it considers necessary or appropriate to avoid an actual or perceived conflict of interest in connection with a **Competitive Energy Solicitation** or an RFP issued thereunder or to reduce the possibility of non-compliance with the **Standard of Conduct**.

6. TERMINATION OF STANDARD OF CONDUCT

6.1. In connection with a **Competitive Energy Solicitation** process or an RFP issued thereunder, this **Standard of Conduct** will remain effective for members of any **Eversource Bid Team** and **Eversource Evaluation Team** participating in the solicitation process and their **Eversource Common Supervisors** until the earlier to occur of:

6.1.1. The conclusion of all regulatory filings or approval proceedings resulting from the solicitation process;

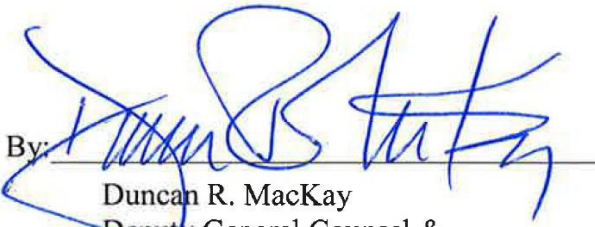
6.1.2. The execution of all power purchase or other agreements by the participating **Eversource EDC** with the selected bidder(s); or

6.1.3. The termination or abandonment of the solicitation process followed by any

necessary or appropriate regulatory approvals.

62. Notwithstanding the above, the confidentiality and no-conduit obligations under this **Standard of Conduct** pertaining to **CCESI** will remain in effect and survive the termination of this Standard of Conduct.

EVERSOURCE ENERGY SERVICE COMPANY on behalf of NSTAR ELECTRIC COMPANY D/B/A EVERSOURCE ENERGY, THE CONNECTICUT LIGHT AND POWER COMPANY D/B/A EVERSOURCE ENERGY, and PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY

By: 

Duncan R. MacKay
Deputy General Counsel &
Chief Compliance Officer
Eversource Energy Service Company
107 Selden Street
Berlin, CT 06037
860-665-3495
860-665-5504 fax
duncan.mackay@eversource.com

Appendix A

CERTIFICATION

I certify that I reviewed the EVERSOURCE STANDARD OF CONDUCT GOVERNING ACTIVITY RELATED TO OFFSHORE WIND DEVELOPMENT AND SOLICITATIONS FOR CLEAN ENERGY RESOURCES, understand its terms and conditions, and agree to follow and be bound by the standards, including specifically the confidentiality and no-conduit rules, set forth therein.

If I have any questions regarding compliance with or interpretation of the Standard of Conduct, including any potential violations of its terms, I will promptly notify the Eversource Chief Compliance Officer, Duncan R. MacKay, Deputy General Counsel & Chief Compliance Officer (Duncan.MacKay@Eversource.com or 860-665-3495).

Signed: _____

Printed Name: _____

Title: _____

Dated: _____

Supervisor Name: _____

Title: _____

Please indicate your role(s)	
<input type="checkbox"/>	Eversource Common Supervisor
<input type="checkbox"/>	Eversource Evaluation Team
<input type="checkbox"/>	Eversource Bid Team
<input type="checkbox"/>	Eversource Senior Executive

APPENDIX B

CERTIFICATE OF COMPLIANCE

I participated on an Eversource Bid or Evaluation Team or was a Common Supervisor or Senior Executive in connection with the Massachusetts 83C Round 3 Solicitation Process. As part of this certification, I certify that (a) I completed the training required under section 5.1 of the EVERSOURCE STANDARD OF CONDUCT GOVERNING ACTIVITY RELATED TO OFFSHORE WIND DEVELOPMENT AND SOLICITATIONS FOR CLEAN ENERGY RESOURCES (“Standard of Conduct”); (b) I affirmed my commitment to honor and comply with the Standard of Conduct during the 83C Round 3 Solicitation Process by signing a Certification in a form similar to Appendix A of the Standard of Conduct; (c) I honored and complied with the Standard of Conduct throughout the 83C Round 3 Solicitation Process; and, (d) I have no knowledge, and no reason to believe, that there has been any failure to comply with the Standard of Conduct during the 83C Round 3 Solicitation Process.

Signed: _____

Printed Name: _____

Title: _____

Dated: _____

Supervisor Name: _____

Title: _____

Please indicate your role(s)	
<input type="checkbox"/>	Eversource Common Supervisor
<input type="checkbox"/>	Eversource Evaluation Team
<input type="checkbox"/>	Eversource Bid Team
<input type="checkbox"/>	Eversource Senior Executive

APPENDIX C

CERTIFICATE OF COMPLIANCE

I am the Eversource Chief Compliance Officer, and I certify that Eversource has complied with the EVERSOURCE STANDARD OF CONDUCT GOVERNING ACTIVITY RELATED TO OFFSHORE WIND DEVELOPMENT AND SOLICITATIONS FOR CLEAN ENERGY RESOURCES (“Standard of Conduct”) that applied to the Massachusetts 83C Round 3 Solicitation Process for Energy and Renewable Energy Certificates from Offshore Wind Resources under Section 83C of the Massachusetts Green Communities Act, as amended, and Section 21(a) of Chapter 227 of the Acts of 2018.

As part of this certification, I certify that: (a) the training required under Section 5.1 of the Standard of Conduct was conducted for Eversource Evaluation Team and Bid Team members and for Eversource Common Supervisors and Eversource Senior Executives; (b) all such persons affirmed their commitment to honor and comply with the Standard of Conduct in a form consistent with Appendix A of the Standard of Conduct; (c) all such persons certified in writing at or near the conclusion of the 83C Round 3 Solicitation Process that they honored and complied with the Standard of Conduct in a form consistent with Appendix B of the Standard of Conduct; and (d) I have no knowledge, and no reason to believe, that there has been any failure to comply with the Standard of Conduct.

Signed: _____

Printed Name: _____

Title: _____

Dated: _____

APPENDIX G

COMMITMENT AGREEMENT

Voluntary Agreement Commitment Agreement

This Voluntary Agreement Commitment Agreement (“Commitment Agreement”), dated _____, is made and entered into by [Bidder], (“Successful Bidder”) for the benefit of [EDC] (“Distribution Company”). Successful Bidder and Distribution Company are hereinafter sometimes also referred to collectively as the “Parties.”

WITNESSETH

WHEREAS, Successful Bidder has been conditionally selected by Distribution Company as a winning bidder under the Request for Proposals for Long-Term Contracts for Offshore Wind Energy Projects, dated ____ (the “RFP”);

WHEREAS, concurrently with the execution and delivery of this Commitment Agreement, Successful Bidder has entered into a power purchase agreement with Distribution Company (“PPA”);

WHEREAS, as part of its performance under the PPA, Successful Bidder intends to construct, or cause to be constructed, Interconnection Customer Interconnection Facilities, as defined herein;

WHEREAS, Distribution Company and Successful Bidder desire to reasonably minimize obstacles to the ability of future offshore wind energy developers to deliver their energy and capacity to the onshore transmission system, possibly via interconnection with Successful Bidder’s ICIF;

NOW, THEREFORE, in consideration of the foregoing, and other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, Successful Bidder hereby agrees as follows:

1. Definitions

The following definitions shall apply to the provisions of this Commitment Agreement:

- A. “Interconnection Customer’s Interconnection Facilities” (“ICIF”) means all facilities and equipment located between Successful Bidder’s offshore wind energy generation facilities collector system step-up transformers and the point of change of ownership at the onshore interconnection, including any modification, addition, or upgrades to such facilities and equipment, which facilities and equipment are constructed to physically and electrically interconnect Successful Bidder’s offshore wind energy generation facilities to the onshore transmission system.
- B. “Third-Party Offshore Wind Developer” means any entity (other than Successful Bidder) developing offshore wind energy generation or delivery facilities and seeking interconnection to and/or delivery service on Successful Bidder’s ICIF pursuant to this Commitment Agreement.
- C. “Voluntary Agreement” means a voluntary agreement as contemplated in Federal Energy Regulatory Commission (“FERC”) Order No. 807¹, PP 117-18, to be entered into if a Third-Party Offshore Wind Developer requests studies and potential expansion of Successful Bidder’s ICIF to accommodate third party interconnection and delivery service, without the need for said third party to pursue its rights in the first instance via Sections 210,

211, and 212 of the Federal Power Act (“FPA”).

2. In the event one or more Third-Party Offshore Wind Developers request interconnection to and/or delivery service on Successful Bidder’s ICIF, Successful Bidder will study the requested interconnection and/or delivery service, provided that the Third-Party Offshore Wind Developer(s) agrees to pay the cost of such studies.
3. Successful Bidder will negotiate in good faith and use commercially reasonable best efforts to conclude a Voluntary Agreement with any such Third-Party Offshore Wind Developer regarding expansion of, interconnection to, and delivery service over Successful Bidder’s ICIF to accommodate the Third-Party Offshore Wind Developer’s request.
4. The Voluntary Agreement will incorporate interconnection and other provisions at least as favorable to said Third-Party Offshore Wind Developers as the provisions of ISO New England Inc. (“ISO-NE”) Open Access Transmission Tariff Schedules 22 and 23 are to requesters of interconnection service seeking to connect to facilities subject to the ISO-NE interconnection procedures in those schedules. Successful Bidder will respond to reasonable requests from ISO-NE or Third-Party Offshore Wind Developers for information deemed necessary to support an ISO-NE interconnection request by Third-Party Offshore Wind Developers on the ISO-NE system.
5. If, after good faith attempts to conclude a Voluntary Agreement using commercially reasonable best efforts, Successful Bidder and Third-Party Offshore Wind Developer are unable to conclude such a Voluntary Agreement, Successful Bidder shall be relieved of any further obligations as to that Third-Party Offshore Wind Developer under this Commitment Agreement, and in such event, nothing herein shall diminish Third-Party Offshore Wind Developer’s rights independent of this Commitment Agreement to request relief from FERC.
6. Third-Party Offshore Wind Developer may at any time exercise its rights under Federal Power Act Sections 206 or Sections 210, 211, and 212 that exist independent of this Commitment Agreement to file with FERC requesting an order requiring interconnection and/or delivery service on Successful Bidder’s ICIF. In the event that the Third-Party Offshore Wind Developer exercises such rights, Successful Bidder will have no further obligations to such Third-Party Offshore Wind Developer under this Commitment Agreement.

¹ *Open Access and Priority Rights on Interconnection Customer’s Interconnection Facilities*, 150 FERC ¶ 61,211 (“Order No. 807”), *order on reh’g*. 153 FERC ¶ 61,047 (“Order No. 807-A) (2015).

7. If an entity other than Successful Bidder obtains ownership or successor rights in Successful Bidder's ICIF, Successful Bidder will ensure that such other entity as well as Successful Bidder will be bound by the terms and conditions of this Commitment Agreement.
8. This Commitment Agreement is not intended to, and does not create any rights or obligations in either of the Parties or any other entity except for those rights or obligations explicitly identified herein, nor does this Commitment Agreement affect Successful Bidder's rights under Order Nos. 807 and 807-A and FERC's regulations at 18 C.F.R. §§ 35.28(d)(2)(ii)(A)-(B) with respect to excess or unused capacity on Successful Bidder's ICIF, including Successful Bidder's rebuttable presumption to a "safe harbor" and associated priority rights. In entering into the PPA, Distribution Company is relying on the agreements made by Successful Bidder herein; provided, however, that breach of or default on this Commitment Agreement will not operate to create a breach of or default on the PPA, unless the conduct producing the breach or default of this Commitment Agreement would independently create a breach or default of such PPA.
9. Successful Bidder shall file this Commitment Agreement, as well as any Voluntary Agreement concluded pursuant to it, with FERC for acceptance pursuant to FPA Section 205.

[Signature Page Follows]

IN WITNESS WHEREOF, Successful Bidder has caused this Commitment Agreement to be duly executed on its behalf as of the date first above written.

*Signature Page to
Voluntary Agreement Commitment Agreement*

APPENDIX H

Bid Submittal Instructions

Appendix I

Deliverability Constraint Analysis

Bidders shall submit a study that includes the analysis outlined in this document for each submitted bid from such bidder. The analysis can be provided as an individual study or included as a scenario in a broader interconnection study. Bidders must report all thermal overloads or voltage issues and the associated conditions (e.g. generator dispatches, contingencies) but are not required to propose upgrades to resolve the issues identified in this analysis.

Study Requirements

Unless otherwise stated, all study assumptions shall align with Section 2 (“Requirements for Interconnection Studies”) of ISO New England Planning Procedure 5-6.

Load Level

The study must include a case with Light Load of approximately 12,500 MW and a case with Minimum Load of approximately 8,000 MW in the New England Control Area. Reference Section 2.2 of the June 15, 2020 edition of the ISO New England Technical Planning Guide for additional information.

Generator Dispatch

The generator under study must be dispatched at the maximum value in its proposed generation profile, regardless of the nameplate capacity of the ISO-NE interconnection request(s) associated with the bid. Table 1 specifies additional dispatch requirements.

Table 1 – Generator Dispatch Requirements

Queue Position	Dispatch (MW)
QP 624	720 MW
QP 700	712 MW
QP 781	634 MW
QP 829	720 MW

All other dispatch assumptions must align with ISO New England Planning Procedure 5-6. All dispatch assumptions must be fully documented.

Transmission Topology

The following projects and their associated network upgrades must be included in the case topology:

- QP 624 – Upgrades identified in System Impact Study dated 1/21/2019
- QP 700 – Upgrades identified in System Impact Study dated 10/6/2020
- QP 781 – Upgrades identified in System Impact Study dated 5/11/2020

- QP 829 – Upgrades identified in Feasibility Study dated 12/18/2019

All other case topology assumptions should align with the cases that would be used for a System Impact Study for the generator under study.

Steady State Analysis

Unless otherwise state in this document, all steady state analysis assumptions shall align with Section 3 (“Steady-State Analysis”) of ISO New England Planning Procedure 5-6. Bidders shall run N-1 and N-1-1 analyses on all cases and clearly report all load flow results.

Appendix J: Environmental and Socioeconomic Impact Criteria

This Appendix J provides additional details on the Environmental and Socioeconomic Impact criteria to be considered in the Qualitative Evaluation (RFP section 2.3.2).

- **Stakeholder and Mitigation Experience:** Demonstrated past and current productive relationship with environmental, fishing, tribal, environmental justice, and onshore stakeholders and track record of avoiding, minimizing, and mitigating environmental, fishing, tribal, environmental justice, and onshore impacts from projects similar to the proposed project.
- **Environmental Impacts:** Extent to which a project demonstrates that it avoids, minimizes, or mitigates, to the maximum extent practicable, environmental impacts. Factors to be considered may include:
 - Preliminary characterization of the potential environmental impacts (onshore and offshore) from the wind farm array, transmission cabling, substations and other infrastructure from pre-construction through the duration of the project, including but not limited to:
 - Impacts on species protected under the Endangered Species Act, including the North Atlantic Right Whale.
 - Description of how sensitive habitat areas (e.g. areas with long-lived and easily damaged epifauna, spawning areas, and areas where demersal eggs are deposited) have been or will be identified.
 - Description of environmental baseline and monitoring data that will be collected beginning from pre-construction through the duration of the project and plans for the use of that data in project development.
 - Expected environmental impacts to onshore coastal beaches and ecosystems from port infrastructure construction and operation.
 - A preliminary plan that highlights the approach to avoid, minimize, or mitigate environmental impacts (onshore and offshore) from the wind farm array, transmission cabling, substations and other infrastructure from pre-construction through the duration of the project based on best management practices, including but not limited to:
 - Description of operational protocol to avoid, minimize, and mitigate impacts to fish, invertebrates, marine mammals, birds and bats, including mitigation of sound exposure on marine mammals like the North Atlantic Right Whale.
 - Impact of planned cable burial depth, use of protective materials, and monitoring of cables to avoid, minimize, and mitigate continuous impacts on marine species.
 - Use of co-location or siting with compatible existing infrastructure.
 - Minimizing the number of transmission cables used, reducing the area of seafloor or shoreline disturbance, and/or reducing the number of cable landfalls.
 - Plan to avoid, minimize, or mitigate impacts on the National Marine Fisheries Service (NMFS) surveys.

- Description of any cooperation and efforts with other developers or regional entities to avoid and minimize potential cumulative impacts across the MA/RI Wind Energy Areas.
 - Plan for compliance and consistency with the Massachusetts Ocean Management Plan and other state and regional ocean management plans.
 - Plan for compliance with Massachusetts Coastal Zone Management federal consistency review process, including any plans for voluntary federal consistency filing.
 - Plan for timely data sharing with relevant environmental and fisheries stakeholders and ongoing, transparent communication with stakeholders regarding data availability.
 - Description of participation in and any commitments (time, staff, and/or financial) to existing and ongoing regional regulatory, research, and science organizations regarding environmental assessment, monitoring, and mitigation, including but not limited to direct funding to the Responsible Offshore Science Alliance and the Regional Wildlife Science Entity.
 - Extent to which the project avoids, minimizes, and mitigates potential impacts of the project to cultural and tribal resources and viewsheds from the Massachusetts shoreline, including through thoughtful siting and engagement with local stakeholders.
 - Any additional information that may demonstrate mitigation of environmental impacts.
- **Environmental Justice Impacts:** Descriptions of any potential impacts, both positive and negative, including assessments of cumulative environmental impacts, on Environmental Justice Populations¹ and host communities.
 - Demonstrated plans or investments to avoid, minimize, and mitigate environmental burdens and other negative impacts from the project on affected groups and Environmental Justice populations.
 - Plans to engage with affected communities through targeted outreach and education events, including identified partnerships with existing Environmental Justice organizations.
 - Strategy plan to track and report on the status of environmental justice impacts, engagement and employment (training, recruitment and hiring goals) opportunities. Strategy plans may include a commitment with a government entity to share said tracking and reporting. If such a commitment is not presented, DOER will work with selected bidder after selection but before contract execution to implement an agreed-upon tracking and reporting strategy.
- **Fishing Impacts:** Extent to which the project avoids, minimizes, and mitigates impacts on commercial and recreational fishing industry. Factors to be considered may include but are not limited to:
 - Commitments to fishing industry stakeholder outreach related to potential project impacts, including but not limited to:

¹ Defined and outlined in the EEA 2017 Environmental Justice Policy, see: https://www.mass.gov/files/documents/2017/11/29/2017-environmental-justice-policy_0.pdf

- Communications and engagement plan detailing how the developer will identify, communicate with, and address concerns from fisheries stakeholders in a timely manner.
- Description of how developer will engage with fishing industry stakeholder groups to determine project layouts that address stakeholder concerns.
- Description of any participation in and engagement with the Responsible Offshore Development Alliance, Massachusetts Fisheries Working Group, and/or the Fishery Management Councils regarding fishing impacts from the project.
- Description of potential adverse impacts on fishing in the proposed Project area from the wind farm array, transmission cabling, and other infrastructure and design elements, including:
 - Research plan to identify and study expected fishing impacts in proposed project area.
 - Description of how site layout could be changed to accommodate potential future changes for mitigation purposes and timeline for when design decisions will be finalized.
- Description of operational protocol to avoid, minimize, and mitigate impacts to fisheries during project construction and operation phases, which may include but are not limited to:
 - Plans to minimize the number of transmission cables used, reduce the area of seafloor or shoreline disturbance, and/or reduce the number of onshore cable landfalls.
 - Measures to ensure navigational safety of vessels within, through, and around the proposed project area.
 - Plans for designation and monitoring of safety zones, gear monitoring and retrieval, and communication with fishing vessels and resource managers
 - Plan to avoid, minimize, or mitigate impacts on the National Marine Fisheries Service (NMFS) surveys.
 - Description of any cooperation and efforts with other developers or regional entities to avoid and minimize potential cumulative impacts across the MA/RI WEAs.
- Plan for addressing claims for loss or damage to fishing gear or vessels from interactions with offshore wind farm infrastructure.
- Plan for a fisheries compensation plan to offset impacts on commercial fishing, how the compensation plan will be designed, and how it will determine financial impacts.

Appendix K - Examples of Allowed Phasing

These examples are not intended to be comprehensive, but rather illustrative of the RFP's rules regarding construction of a bidder's proposed generation in more than one construction phase. If desired, bidders may submit questions regarding other phasing configurations during the Bidder Conference and/or by submitting written questions in accordance with Section 3.2 of the RFP.

Example 1: A bidder submits an 800 MW bid

Permitted bids: (1) A bid proposing that the full 800 MW be constructed all in a single construction phase, with a single Commercial Operation Date. (2) A bid proposing that the 800 MW be constructed in two construction phases, of 400 MW each. (3) A bid proposing that the 800 MW be constructed in two construction phases, the first of 200 MW, and the second of 600 MW.

Prohibited bids: (1) A bid proposing that the 800 MW be constructed in three or more phases.

Example 2: A bidder submits a 1000 MW bid for generation.

Permitted bids: (1) A bid proposing that the 1000 MW be constructed all in a single construction phase. (2) A bid proposing that the 1000 MW be constructed in two construction phases, of 500 MW each. (3) A bid proposing that the 1000 MW be constructed in three construction phases, of 500 MW, 300 MW, and 200 MW respectively.

Prohibited bids: (1) A bid proposing that the 1000 MW be constructed in four or more phases, whatever the MW breakdown of the phases.

Example 3: A bidder submits a bid for 400 MW or less for generation.

Permitted bids: (1) A bid proposing that all the generation be constructed in a single construction phase.

Prohibited bids: (1) Any bid proposing more than one construction phase.

Below is an example where the proposed Offshore Wind Energy Generation is from substantially non-contiguous areas (separate lease areas or substantially separated areas within a lease area):

Example 4: A bidder submits a bid for 400 MW, where a block of 200 MW is located in one area, and a block of 200 MW is located in a different area.

Permitted bids: (1) A bid proposing that both blocks of 200 MW be constructed concurrently in a single construction phase. (2) A bid proposing that the two 200 MW blocks of generation be constructed in two construction phases (one for each area).

Prohibited bids: (1) A bid proposing that either of the 200 MW blocks be constructed in more than one phase, or that the full 400 MW be constructed in more than two phases, whatever the MW breakdown of the phases.