

New Jersey Board of Public Utilities
Offshore Wind Solicitation #3
Solicitation Guidance Document Attachment 2
Administrative Completeness Checklist
DRAFT FOR PUBLIC COMMENT

This Checklist is meant to serve as an overview of the requirements contained in the Solicitation Guidance Document and N.J.A.C. 14:8-6.5 et seq., and will serve as a tool for judging administrative completeness of the Application. Applicants will ultimately be judged against the requirements and are encouraged to review those requirements confirm their ultimate compliance. In the Reference column, please enter the Application Narrative page number(s) or the Attachment and page number where the information can be found.

Number of Projects included in the Application

Number of Projects is

Section	Requirement	Complete?	Reference
	Applicant Commitment Form	No	
	Application Deposit of \$500,000 (by check)	No	
1 - Applicant Information	A demonstration of the Applicant’s applicable experience in projects of similar size and scope to the proposed Project(s) (N.J.A.C. 14:8-6.5(a)(2), N.J.A.C. 14:8-6.5(a)(2)(i)(1))	No	
	List of all key employees, including resumes for each that detail their individual track record in construction and operation of power plants of similar size and scope (N.J.A.C. 14:8-6.5(a)(1)(i))	No	
	Description of any work done to date by the key employees in developing projects of similar scope, especially any ocean-based energy project or New Jersey large-scale energy project siting work (N.J.A.C. 14:8-6.5(a)(1)(ii))	No	
	If the work described was not performed by the entire team of key employees, the Applicant must delineate the experience or work performed by key employees (N.J.A.C. 14:8-6.5(a)(1)(iii))	No	
	The Applicant shall disclose, in detail, any prior business bankruptcies, defaults, disbarments, investigations, indictments, or other actions against either the Applicant, its parent company, affiliates, subsidiaries, or any key employees identified above (N.J.A.C. 14:8-6.5(a)(1)(iv))	No	
	Two years of audited financial statements, including accompanying financial notes to these statements, of the Applicant and/or parent company in US GAAP. If not in US GAAP, the Applicant shall provide an opinion from an accounting firm that attests to the financial statements and accompanying financial notes and the strength of the Applicant and/or parent company and has provided professional qualifications that demonstrate that expertise (N.J.A.C. 14:8-6.5(a)(3)(vi))	No	
2 - Project Descriptions	A detailed description of each Project (N.J.A.C. 14:8-6.5(a)(2))	No	
	Maps, surveys, and other visual aids that support the detailed description of the Project (N.J.A.C. 14:8-6.5(a)(2))	No	
	The configuration of turbine array, location of cable and balance of system equipment (N.J.A.C. 14:8-6.5(a)(2))	No	
	Indicate the areas used for all aspects of the Project including the location(s), the construction staging area(s) and port usage (N.J.A.C. 14:8-6.5(a)(2)(i)(3))	No	
	Include a map with the location of the site(s) clearly marked by longitude and latitude and the Federal Bureau of Ocean Energy Management, Regulation and Enforcement block numbers (N.J.A.C. 14:8-6.5(a)(2)(i)(4))	No	
	Specification of whether the Project is located at one contiguous site within their lease area, or divided among several non-contiguous sites (N.J.A.C. 14:8-6.5(a)(2)(i)(6))	No	
	Describe any current uses, conflicts or characteristics of the ocean and land areas that will be used for each Project (N.J.A.C. 14:8-6.5(a)(2)(i)(5))	No	
	Define the attributes which make the site(s) attractive, and list any potential problems, constraints or limitations with siting an energy facility at that location or locations (N.J.A.C. 14:8-6.5(a)(2)(i)(7))	No	

Section	Requirement	Complete?	Reference
	To the fullest extent possible, indicate the major types of equipment that have been selected to be installed, and the characteristics specified <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(8))</i>	No	
	Indicate whether the Applicant plans to own or lease equipment <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(9))</i>	No	
	Describe the selected equipment, the specifications, warranties, how long it has been commercially available, approximately how many are currently in service and where they are installed <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(10))</i>	No	
	The type, size and number of individual units for the selected turbines and foundations <i>(N.J.A.C. 14:8-6.5(a)(2), N.J.A.C. 14:8-6.5(a)(2)(v))</i>	No	
	The history, to date, of the same type, size and manufacturer of installed turbines and foundations globally <i>(N.J.A.C. 14:8-6.5(a)(2))</i>	No	
	Demonstrate that the wind technology is viable, cost competitive and suitable for use in New Jersey's offshore environment under varying and expected meteorological and climate conditions <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(2))</i>	No	
	Include a description of the ability of the equipment to work in New Jersey's offshore and near shore climates and the basis for that conclusion <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(11))</i>	No	
	Describe construction plans in detail, identifying proposed subcontractors, with evidence of capability of performing necessary tasks, as well as proposed time frames for completion of all necessary tasks <i>(N.J.A.C. 14:8-6.5(a)(2)(iii))</i>	No	
	A summarized comparison of each of the Projects being submitted by the Applicant and their differentiating characteristics	No	
	If the selected equipment is not currently commercially available, describe the development status and expected timeframe for the equipment becoming commercially available	No	
	The plan to procure the selected equipment, including key milestones, and status of the procurement process	No	
	Expected manufacturer warranty terms for major types of equipment	No	
	The rationale for the selection of HVDC cable voltage, including tested capabilities in similar applications and advantages / disadvantages associated with different kV ratings	No	
	A description of the method used to install the marine portion of the export cable and the target depth of cable burial	No	
	Identification of the port(s) that will be used to support construction of the Project and the activities that will be conducted at each port	No	
	Whether the Applicant plans to include storage capability	No	
	Type of storage system, including manufacturer and model, if applicable	No	
	The location of the storage system and how it is integrated with the Project and with the electric transmission and with the distribution system in New Jersey	No	
	Description of the anticipated storage charge / discharge operating regime, including any technology limitations affecting dispatch	No	
	Description of how storage will be deployed, e.g., maximize energy revenues, reduce peak demand for electricity, or improve reliable operation of the system	No	
	Description of how storage will contribute to maximizing revenues to be returned to customers	No	
	Any other benefit provided by the storage system	No	
	Any new and innovative technologies that will be utilized to reduce the demand for peak electric generation, improve the reliable operation of the electric system, reduce the emissions from electric generation, and/or avoid, minimize, or mitigate environmental and/or fisheries impacts	No	
	A detailed description of the vessels that will be used for the construction of the Project, and how Jones Act compliance will be addressed for each vessel and/or vessel class	No	
	A letter of intent or memorandum of understanding from the turbine manufacturer/supplier to supply the selected turbines <i>(N.J.A.C. 14:8-6.5(a)(2))</i>	No	

Section	Requirement	Complete?	Reference
	A demonstration of the financial strength of the selected turbine manufacturer/supplier (<i>N.J.A.C. 14:8-6.5(a)(2)</i>)	No	
	A declaration from the foundation manufacturer/supplier that states their ability to manufacture and deliver all foundation within the targeted schedule (<i>N.J.A.C. 14:8-6.5(a)(2)</i>)	No	
	A declaration from the undersea cable manufacturer/supplier that states its ability to manufacture and deliver all undersea cable components within the targeted schedule (<i>N.J.A.C. 14:8-6.5(a)(2)</i>)	No	
	A letter of intent or memorandum of understanding from the proposed engineering, procurement, and construction (“EPC”) contractor, balance of plant (“BOP”) contractor, and/or key construction contractors or vendors (<i>N.J.A.C. 14:8-6.5(a)(2)</i>)	No	
	Provide evidence that the Applicant has selected certified wind turbine generators or a detailed certification plan that is underwritten by a certifying body (<i>N.J.A.C. 14:8-6.5(a)(2)</i>)	No	
	Audited financial statements for two years, in US GAAP, including accompanying financial notes to these statements, for key Project suppliers including, but not limited to, the turbine manufacturer and EPC contractor. If not in US GAAP, the Applicant shall provide opinions from an accounting firm that attests to the financial statements, including accompanying financial notes to these statements, and the strength of the key suppliers, and has provided professional qualifications that demonstrate that expertise (<i>N.J.A.C. 14:8-6.5(a)(3)(vii)</i>)	No	
	The maps, surveys and other visual aids must also show plans for the location, general configuration, turbine spacing vis-à-vis one another, and orientation of the wind turbine array, and the locations of the export cable (generator lead line) route, offshore and on-shore substation(s), converter stations, cable landfall location at the NGCT at Sea Girt, onshore transmission right-of-way, and point of interconnection at the Larrabee Collector Station	No	
	The distance in statute miles between the nearest turbine and the closest point on shore	No	
	A demonstration of the financial strength of the selected foundation manufacturer/supplier	No	
	A demonstration of the financial strength of the selected undersea cable manufacturer/supplier	No	
	A demonstration of the financial strength of the proposed EPC contractor	No	
	A demonstration of the financial strength of the proposed BOP contractor	No	
	A demonstration of the financial strength of the other key construction contractors or vendors	No	
	Disclosure of known existing or pending litigation among the wind turbine generator manufacturer, foundation manufacturer, and/or cable manufacturer that may impact Applicant’s ability to achieve the COD set forth in Applicant’s Application	No	
	If the Applicant plans to include storage capability, a diagram showing configuration of storage system with respect to Project facilities and point of interconnection with electric grid	No	
3 - Energy Production Estimate	Assumptions that are the basis for the estimate of net energy output for the Project, as reported in the Application Form (<i>N.J.A.C. 14:8-6.5(a)(2)(v)</i>)	No	
	Account for, to the fullest extent possible, the coincidence between time of generation for the Project and peak electricity demand (<i>N.J.A.C. 14:8-6.5(a)(2)(vi)</i>)	No	
	Provide an estimate, with support, of the amount of energy that will be generated over the term of the life of the turbines (<i>N.J.A.C. 14:8-6.5(a)(2)(vi)</i>)	No	
	Estimate, with support, the level of generation that the Project will be able to provide over the life of the equipment, assuming the Project runs for the equipment’s full life (<i>N.J.A.C. 14:8-6.5(a)(2)(vi)</i>)	No	
	Provide the total amount of clean energy being generated over the term of the OREC program and the life of the turbines (<i>N.J.A.C. 14:8-6.5(a)(6)(v)</i>)	No	
	For each proposed Project, an explanation of how the Annual OREC Allowance, as submitted in the Application Form, is derived from the wind resource and energy assessment	No	
	For each proposed Project, a planned maintenance outage schedule for the turbines and other equipment	No	

Section	Requirement	Complete?	Reference
	A wind resource and energy assessment from a wind energy consultant for the exact manufacturer, model and specifications of turbines selected for the Project (N.J.A.C. 14:8-6.5(a)(2)(v))	No	
	Professional qualifications for the wind energy consultant to demonstrate sufficient expertise; (N.J.A.C. 14:8-6.5(a)(2)(v))	No	
4 - Financial Analysis	A complete financial analysis of the Project (N.J.A.C. 14:8-6.5(a)(3))	No	
	A comprehensive business plan with fully documented estimates of all associated and relied upon revenue and expense projections (N.J.A.C. 14:8-6.5(a)(3)(iv))	No	
	Tax credits, subsidies or grants the Project will qualify for (N.J.A.C. 14:8-6.5(a)(12)(viii)(2))	No	
	Debt service costs and return on equity assumptions (N.J.A.C. 14:8-6.5(a)(12)(viii)(3))	No	
	Taxes and depreciation assumptions (N.J.A.C. 14:8-6.5(a)(12)(viii)(4))	No	
	The operation and maintenance ("O&M") plan for the Project must be integrated into the financial analysis of the Project (N.J.A.C. 14:8-6.5(a)(7)(vii))	No	
	Coverage ratios for recourse and non-recourse debt tranches	No	
	A nominal levelized cost of energy ("LCOE") over the 20-year contract term using a 7% nominal discount rate and the Project's expected output, as reported in the Application Form	No	
	An Excel file containing financial statements for the Project over the development, construction, operation, and decommissioning periods	No	
	Pro forma income statements (N.J.A.C. 14:8-6.5(a)(3)(i))	No	
	Balance sheets (N.J.A.C. 14:8-6.5(a)(3)(ii))	No	
	Cash flow projections for the proposed OREC period, including the internal rate of return, and a description and estimate of any State and/or Federal tax benefits that may be associated with the Project (N.J.A.C. 14:8-6.5(a)(3)(iii))	No	
	All tax credits or other subsidies upon which the Applicant is relying, as described in Section 3.6 (N.J.A.C. 14:8-6.5(a)(5)(ii))	No	
	A full cost accounting of the Project, including total equipment, construction, O&M, and decommissioning costs (N.J.A.C. 14:8-6.5(a)(3)(v), N.J.A.C. 14:8-6.5(a)(12)(vii)(1))	No	
	The feasibility study used to determine the construction costs included in the cost accounting (N.J.A.C. 14:8-6.5(a)(3)(v))	No	
	The Project financial statements must include the annual earnings before interest, taxes, depreciation, and amortization ("EBITDA") over the 20-year contract term	No	
	The pro forma income statements should provide reasonable insight into the financing assumptions used to support Applicant's required return on investment ("ROI")	No	
	The full cost accounting of the Project must specifically identify the material and installation costs for the generator lead line between the offshore substation(s) and the Larrabee Collector Station, and for the Prebuild Infrastructure	No	
5 - Project Financing Plan	The proposed method of financing the Project (N.J.A.C. 14:8-6.5(a)(4))	No	
	A detailed financial plan (N.J.A.C. 14:8-6.5(a)(4)(iv))	No	
	Identification of equity investors, fixed income investors, long and short term debt, and any other sources of capital (N.J.A.C. 14:8-6.5(a)(4)(i), N.J.A.C. 14:8-6.5(a)(4)(iv))	No	
	A demonstrated ability to finance construction through market sources, which may include tax-exempt bond financing through the New Jersey Economic Development Authority (N.J.A.C. 14:8-6.5(a)(4)(iii))	No	
	Names, functions, and fees of all financial and legal advisors (N.J.A.C. 14:8-6.5(a)(4)(iv))	No	
	Specify if and under what conditions equity or other ownership interests in the Project can be transferred to other parties and considerations involved (N.J.A.C. 14:8-6.5(a)(4)(iv))	No	
	Potential debt lenders	No	
	Expected amount of tax equity financing	No	
Evidence of the ability to finance the Project, such as: a letter of intent to offer credit from credible financiers, a letter of commitment from equity investors, and/or a guarantee from an investment-grade party (N.J.A.C. 14:8-6.5(a)(4)(ii))	No		

Section	Requirement	Complete?	Reference
6 - Documentation of Financial Incentives	Documentation to demonstrate that the Applicant has applied for all current eligible State and Federal grants, rebates, tax credits, and programs available to offset the cost of the Project or provide tax advantages (N.J.A.C. 14:8-6.5(a)(5))	No	
	Documentation of all Federal and State tax incentives for which the Applicant is applying or has applied or otherwise are applicable, even if such incentives have not been sought or approved (N.J.A.C. 14:8-6.5(a)(5)(i))	No	
	The assumed Federal Investment Tax Credit and/or Production Tax Credit, Federal and State subsidies, grants, or other incentives that the Applicant expects to be eligible for, including but not limited to those available under the federal Inflation Reduction Act and Infrastructure Investment and Jobs Act, and a proposed plan to secure such tax credits, subsidies, grants, or other incentives	No	
	Identification of additional Project costs associated with qualifying for tax credits	No	
7 - Project Revenue Plan & Strategy	A Project revenue plan which forecasts revenues as well as identifies the strategy for offering the electricity provided in the electric market and for generating all expected revenues (N.J.A.C. 14:8-6.5(a)(6)(i))	No	
	Provide an estimate, with documented support, of the amount of electrical capacity the Project will make available that is calculated consistent with PJM rules and procedures (N.J.A.C. 14:8-6.5(a)(2)(vi))	No	
	The Project revenue plan must link the anticipated revenues to the Project time schedule and costs for the entire Project's lifecycle term extending to the expected life of the turbines and eventual decommissioning (N.J.A.C. 14:8-6.5(a)(6)(ii))	No	
	Specify financial expectations and marketing strategies for securing revenue from expected capacity based payments in PJM markets, energy based payments in PJM markets, Renewable Energy Credit ("REC") revenue from Renewable Portfolio Standard ("RPS") or voluntary markets, and emission credits from various air emission reduction cap and trade programs (N.J.A.C. 14:8-6.5(a)(6)(iii))	No	
	The quantity of Unforced Capacity ("UCAP") that the Applicant expects the Project to offer into the PJM Base Residual Auction ("BRA"), and the basis for this quantity of UCAP	No	
	Describe the approach to calculating a capacity price forecast, and, if different than the proxy used by Board Staff for evaluation, provide an explanation of why the Applicant's approach is preferred	No	
	Any adjustments contemplated to the operating revenues related to UCAP sales under PJM's anticipated accreditation principles	No	
	Strategies for maximizing Project revenues that do not depend on routine settlement in PJM's day-ahead and/or real-time markets, and how, if at all, the Applicant intends to address any risk associated with such strategies	No	
	A description of how the applicant intends to manage hedging mechanisms and revenue settlement operations, and how the applicant intends to allocate risk associated with such mechanisms	No	
	A description of the Applicant's contingency plan to address how capacity revenue may be realized over all or a portion of the OREC term if the Project is not eligible to participate in PJM's annual BRA	No	
8 - Economic Development Plan	Detailed job creation information, including location, type of activity or occupation, and wages or salaries for employment activities to be created by the Project and assumed employment impacts within New Jersey, with job totals expressed as full-time equivalent positions assuming 1,820 hours per year (N.J.A.C. 14:8-6.5(a)(11)(vi), N.J.A.C. 14:8-6.5(a)(11)(xiii))	No	
	Method for confirming employment impacts (N.J.A.C. 14:8-6.5(a)(11)(vi))	No	
	Other benefits, such as increased in-State activity from construction, O&M, and equipment purchases (N.J.A.C. 14:8-6.5(a)(11)(iv))	No	
	Proposed consequences if the claimed in-State employment and spending benefits do not materialize (N.J.A.C. 14:8-6.5(a)(11)(vii))	No	
	A detailed input-output analysis of the impact of the Project on income, employment, wages, indirect business taxes and output in the State with particular emphasis on in-State manufacturing employment (N.J.A.C. 14:8-6.5(a)(11)(i), N.J.A.C. 14:8-6.5(a)(11)(v))	No	
	Planned in-State spending to support development, construction, O&M, and equipment purchases	No	

Section	Requirement	Complete?	Reference
	Method for confirming in-State spending	No	
	Identification of the supply chain components and installation labor that are expected to be provided by in-State businesses and/or workers	No	
	A description of the Applicant’s plan for incremental investments in infrastructure, supply chain, workforce development and other offshore wind cluster-building programs, and the associated economic benefits for the State, with a focus on workforce development; investments in innovation; investments in existing infrastructure; use of the marshalling and/or manufacturing facilities at the New Jersey Wind Port; and development of alternative ports for marshalling, manufacturing, and O&M activities	No	
	A description of how the economic development plans, including supply chain and other arrangements, will promote effective competition and reduce risk in the offshore wind marketplace	No	
	For each proposed manufacturing or port facility, provide the status of any arrangement or commitment to utilize the port and describe plans, or provide plans if they have already been prepared, to develop the port, including construction or rehabilitation of shoreline protection structures, wharf structures and other infrastructure improvements	No	
	For each proposed manufacturing or port facility, explain the status of any arrangement or commitment to utilize the site that reflects reasonable expectations on the part of the Applicant to receive financial support from the State of New Jersey and/or the Federal government, including under the Inflation Reduction Act	No	
	A description of the Applicant’s plan to engage with and provide opportunities to local suppliers and manufacturers, with an emphasis on Small, Minority, Woman, or Veteran-owned Business Enterprises (“SMWVBEs”), including strategies to prepare New Jersey firms for contracting opportunities, specific targets for contracts awarded to New Jersey firms as a percentage of contract value and whether the Applicant will commit to making those targets public;	No	
	A description of the Applicant’s plan to use domestically-sourced materials, including, but not limited to, iron and steel, in the construction of the Project;	No	
	A description of the Applicant’s approach to workforce development and plan to provide workforce training programs and employment opportunities for New Jersey residents, with a particular focus on job opportunities for residents of OBCs and any associated diversity and inclusion initiatives, specific targets hiring New Jersey residents and residents of OBCs and whether the Applicant will commit to making those targets public	No	
	A description of the Applicant’s plan to use unionized labor, including identification of specific unions if available, for construction and for O&M, including considerations related to prevailing wages, union neutrality agreements, provisions for workplace disputes, jurisdictional disputes and other best practices to prevent Project disruption, and participation in community benefit agreements that include commitments to local hiring and skills training for local residents, including those in OBCs	No	
	Identification of occupations with the highest, moderate, and limited opportunity to hire New Jersey residents, including rationale for determination and core skills required, and strategies to increase opportunities for occupations identified as having limited opportunity for New Jersey residents	No	
	A description of the Applicant’s overall approach to engage with stakeholders to prepare a well-trained and available local workforce through the development of new and/or utilization of existing training programs	No	
	A description of the Applicant’s approach to fostering innovation in the offshore wind industry, particularly where there are open market opportunities for existing and start-up companies in New Jersey, opportunities to attract additional investment to build an offshore wind innovation hub in the state, any Applicant plans to enhance the use of offshore wind electricity through energy storage, green hydrogen technologies, carbon capture and others, and plans to coordinate and engage with the Wind Institute as part of these efforts and opportunities	No	
	Documentation including, but not limited to, contracts or other binding commitments to substantiate any claims that manufacturing services related to the Project will be sourced from a New Jersey location (N.J.A.C. 14:8-6.5(a)(1)(vii))	No	

Section	Requirement	Complete?	Reference
9 - Stakeholder Engagement Plan	A description of the Applicant's values and philosophy related to stakeholder engagement	No	
	Identification of key stakeholders by category and specific organizations or entities, and goals for engagement with these	No	
	Specific stakeholder engagement activities the Developer has already conducted, what concerns have been raised, what has been	No	
	A description of the Applicant's strategies for engaging with New Jersey government entities	No	
10 - Environmental Protection Plan and Emissions Impacts	Analysis of the anticipated environmental benefits and environmental impacts of the Project (N.J.A.C. 14:8-6.5(a)(11)(xiv))	No	
	A scientifically rigorous description of all associated environmental impacts from pre-construction activities through decommissioning including, but not limited to, environmental, water use, water quality, avian, marine mammals, sea turtle, noise, aesthetics, tourism, navigation, endangered species, sea-bed disruption of marine life, morbidity or mortality among avian, mammal or benthic populations, emissions of combustion byproducts to the air or soil or other toxic releases to the ocean, or solid waste generation (N.J.A.C. 14:8-6.5(a)(11)(xiv)(1))	No	
	Specifically describe how the Applicant's activities will be coordinated with the NJDEP Ecological Baseline Studies, and indicate how each resource issue, if impacted, will be addressed (N.J.A.C. 14:8-6.5(a)(11)(xiv)(2))	No	
	The anticipated CO ₂ emissions impact of the Project (N.J.A.C. 14:8-6.5(a)(8))	No	
	Provide information regarding the direct emissions impacts of the Project, including CO ₂ , SO ₂ , and particulate matter ("PM _{2.5} "), as well as other relevant environmental impacts, such as impacts on the marine environment (N.J.A.C. 14:8-6.5(a)(11)(xiv)(3))	No	
	Provide an assessment of environmental impacts from the Project compared to other similar Class I renewable energy projects (N.J.A.C. 14:8-6.5(a)(11)(xiv)(4))	No	
	Environmental impacts (direct and comparative) must be quantified to the extent that they are significant and it is possible to quantify them (N.J.A.C. 14:8-6.5(a)(11)(xiv)(5))	No	
	The comparative environmental impacts shall be monetized, to the extent possible, for evaluation as part of the overall cost-benefit analysis (see Section 3.16) (N.J.A.C. 14:8-6.5(a)(11)(xiv)(6))	No	
	A scientifically rigorous description of associated environmental impacts from pre-construction activities through decommissioning, on bats, commercially important finfish and shellfish, aquatic invertebrates, seagrass beds, wetlands, and other sensitive habitats	No	
	Maps that identify the locations of sensitive marine, coastal, and terrestrial habitats that are within or in the vicinity of the entire Project footprint (including the onshore footprint), including but not limited to: freshwater wetlands, Special Areas as defined by N.J.A.C 7:7-9 (including shellfish habitat, surfclam areas, prime fishing areas, finfish migratory pathways, submerged aquatic vegetation, shipwreck and artificial reef habitats, and endangered or threatened wildlife or plant species habitats), Habitat Areas of Particular Concern, Essential Fish Habitat, sand borrow areas, commercial fisheries management areas and reserves, estuary reserves, classification of areas under the jurisdiction of the Pinelands Commission, and Green Acres encumbrances	No	
	Information regarding the Project's direct emissions of NO _x during the development, construction, operation, and decommissioning of the Project that is consistent with the emissions impacts reported in the Application Form, including a full accounting of emissions produced from vehicles, vessels, and machinery	No	
	A description of the baseline and monitoring data that the Applicant intends to collect from pre-construction through decommissioning regarding the spatial and temporal presence of marine mammals, sea turtles, and avian species	No	
	A description of how the Applicant plans to make the baseline and monitoring data available to NJDEP and other designated parties consistent with the Data Management and Availability Plan requirements	No	
	A description of any commitments to fund research related to the assessment and avoidance of environmental impacts, including impacts to marine wildlife, in addition to the required fee	No	

Section	Requirement	Complete?	Reference
	A description of the considerations related to identifying the cumulative impacts of New Jersey's offshore wind development plans as well as interactive impacts with offshore wind development plans in neighboring states	No	
	A description of how the Applicant will identify (or has identified) environmental stakeholders, any outreach that has occurred to date, and how the Applicant proposes to communicate with those stakeholders during pre-construction activities through decommissioning, as well as a plan for transparent reporting of how stakeholders' concerns were addressed	No	
	A description of lighting controls for the Project	No	
	A description of the expected impact of noise during the development, construction, operation and decommissioning of the Project, on marine life and on on-shore communities	No	
	A description of how onshore elements of the Project will be compatible with surrounding land use and communities, and will safeguard environmentally and culturally sensitive areas	No	
	A description of the potential impact of the Project on OBCs, as defined in New Jersey's Environmental Justice Law N.J.S.A.13:1D-157	No	
	A description of how the direct and avoided emissions of the Project, as reported in the Application Form, were calculated, including all assumptions used in preparing estimates of direct and avoided emissions	No	
	A description of how the direct and avoided emissions of the Project, as reported in the Application Form, were calculated, including all assumptions used in preparing estimates of direct and avoided emissions	No	
	A visibility study that presents visual simulations of the Project from the nearest coastline point, including, at a minimum, clear, partly cloudy, and overcast conditions during early morning, mid-afternoon, and late day, as well as one simulation at night with the turbines lit under clear conditions	No	
	Required Data Management and Availability Plan (requirements listed in Attachment 7)	No	
	Required Offshore Wind Infrastructure Monitoring Plan (requirements listed in Attachment 8)	No	
10 - Fisheries Protection Plan	A scientifically rigorous description of the marine resources that exist in the Project area, including biota and commercial and recreational fisheries, that is informed by published studies, fisheries-dependent data, and fisheries-independent data, and identifies species of concern and potentially impacted fisheries	No	
	Maps that identify the locations of sensitive marine and coastal terrestrial habitats and fisheries that are within or in the vicinity of the Project footprint, including but not limited to: Special Areas as defined by N.J. Admin. Code Chapter 7 - Coastal Zone Management Rules, Subchapter 9 (including shellfish habitat, surfclam areas, prime fishing areas, finfish migratory pathways, submerged aquatic vegetation, shipwreck and artificial reef habitats, and endangered or threatened wildlife or plant species habitats), Habitat Areas of Particular Concern, Essential Fish Habitat, commercial fisheries management areas and reserves, and estuary reserves	No	
	Identification of all potential impacts on fish and on commercial and recreational fisheries off the coast of New Jersey from pre-construction activities through decommissioning	No	
	A plan that describes the specific measures the Applicant will take to avoid, minimize, and/or mitigate potential impacts on fish, and on commercial and recreational fisheries	No	
	A description of the considerations related to identifying the cumulative impacts of New Jersey's offshore wind development plans, as well as interactive impacts with offshore wind development plans in neighboring states	No	
	A description of any commitments to fund research related to the assessment and avoidance of fisheries impacts, in addition to the required fee described in the introduction to Section 3	No	
	An explanation of how the Applicant will provide reasonable accommodations to commercial and recreational fishing for efficient and safe access to fishing grounds	No	

Section	Requirement	Complete?	Reference
	A description of how the Applicant will identify (or has identified) commercial and recreational fisheries stakeholders, any outreach that has occurred to date, and how the Applicant plans to engage with those stakeholders during pre-construction activities through decommissioning, as well as a plan for transparent reporting of how stakeholder concerns were addressed	No	
	A description of the Applicant's plan for addressing loss of or damage to fishing gear or vessels from interactions with offshore wind structures, array or export cables, survey activities, concrete mattresses, or other Project-related infrastructure or equipment	No	
11 - Project Timeline	A timeline for the permitting, licensing, and construction of the Project <i>(N.J.A.C. 14:8-6.5(a)(13))</i>	No	
	A detailed implementation plan and schedule that highlights key milestone activities and completion dates during the permitting, financing, design, equipment solicitation, manufacturing, shipping, assembly, in-field installation, testing, equipment commissioning and service start-up <i>(N.J.A.C. 14:8-6.5(a)(2))</i>	No	
	Indicate the equipment's delivery time once an order has been placed <i>(N.J.A.C. 14:8-6.5(a)(2)(i)(12))</i>	No	
	Specify the expected time requirements in the aggregate from start to finish as well as the time required to accomplish each specific activity related to Project design, resource monitoring, impact studies, permitting, construction and decommissioning activities, with associated milestones delineated for each category of activity <i>(N.J.A.C. 14:8-6.5(a)(13))</i>	No	
	Identify potential sources of delays in the Project schedule, and how those delays could be mitigated, or if not mitigated, how they would affect the overall Project schedule	No	
	A timeline for development of the Prebuild Infrastructure, including engineering, siting / permitting, procurement, construction, back feed / testing, and the start of commercial operation	No	
12 - Interconnection Plan	A plan for interconnection, including engineering specifications and costs <i>(N.J.A.C. 14:8-6.5(a)(14))</i>	No	
	Applicants shall show that they are currently in the PJM queue or that the Project is PJM queue eligible <i>(N.J.A.C. 14:8-6.5(a)(10)(ii))</i>	No	
	Document tasks required and discuss issues associated with electrical interconnection, including the distance between the Project and the specified point to interconnect with the electrical grid <i>(N.J.A.C. 14:8-6.5(a)(14)(i))</i>	No	
	Land acquisition requirements, new equipment to be installed, upgrades to existing equipment required, and any feasibility studies required and the timeframe for review must be identified <i>(N.J.A.C. 14:8-6.5(a)(14)(ii))</i>	No	
	Indicate the location of transmission lines and all points of interconnection to the PJM system serving New Jersey <i>(N.J.A.C. 14:8-6.5(a)(14)(v))</i>	No	
	The capacity the Project plans to request under the terms and conditions delineated in the SAA Order, including an explanation of how this capacity value relates to the energy production profile of the Project	No	
	Provisions for reactive compensation and harmonic filtering at the HVDC converter stations at the Larrabee Collector Station	No	
	Proposed contractual terms, including potential co-ownership arrangements, for the use of the Prebuild Infrastructure by future developers	No	
	Prebuild Infrastructure design parameters as listed in Attachment 10	No	
13 - Permitting Plan	A list of all State, and Federal regulatory agency approvals, permits, or other authorizations required pursuant to State, and Federal law <i>(N.J.A.C. 14:8-6.5(a)(10))</i>	No	
	Identify all applicable Federal and State statutes and regulations and municipal code requirements, with the names of the Federal, State, and local agencies to contact for compliance <i>(N.J.A.C. 14:8-6.5(a)(2)(iv))</i>	No	
	Identify all local, State and/or Federal permits and/or approvals required to build and operate the Project and the expected time to obtain such permits and/or approvals <i>(N.J.A.C. 14:8-6.5(a)(10)(iii))</i>	No	
	Identify the nature of the Applicant's ocean lease and land ownership requirements for all aspects of the Project, including all required interconnection areas <i>(N.J.A.C. 14:8-6.5(a)(10)(iv))</i>	No	

Section	Requirement	Complete?	Reference
	Progress must be demonstrated in securing leases and land required, and Applicants shall propose a plan for accomplishing remaining steps toward acquiring leases or land ownership <i>(N.J.A.C. 14:8-6.5(a)(10)(v))</i>	No	
	Indicate the type and number of entities securing leases or owning land <i>(N.J.A.C. 14:8-6.5(a)(10)(v))</i>	No	
	A plan for accomplishing remaining steps toward acquiring leases or land ownership <i>(N.J.A.C. 14:8-6.5(a)(10)(v))</i>	No	
	Identify each appropriate State or Federal agency the Applicant will be contacting for land acquisition issues and provide a summary of the required arrangements <i>(N.J.A.C. 14:8-6.5(a)(10)(vi))</i>	No	
	Demonstrate adequate financial resources to acquire any land and/or leases needed to undertake the Project <i>(N.J.A.C. 14:8-6.5(a)(10)(vii))</i>	No	
	A list of all local regulatory agency approvals, permits, or other authorizations required pursuant to local law	No	
	A list of all State, Federal and local regulatory agency approvals, permits, or other authorizations required to develop, expand, or otherwise utilize port facilities	No	
	A strategy, including the expected timeline, to obtain each required permit and/or approval	No	
	Identify the land ownership requirements for the port facilities included in the Project	No	
	Identify each appropriate local, State and/or Federal agency the Applicant has contacted for land acquisition issues and provide a summary of the required arrangements	No	
	Copies of all submitted permit applications and any issued approvals and permits <i>(N.J.A.C. 14:8-6.5(a)(10))</i>	No	
	Filings made to any other regulatory or governmental administrative agency including, but not limited to, any compliance filings or any inquiries by these agencies <i>(N.J.A.C. 14:8-6.5(a)(10)(ix))</i>	No	
14 - O&M Plan	An O&M plan for the 20-year contract term for each phase of the Project <i>(N.J.A.C. 14:8-6.5(a)(7))</i>	No	
	Detail routine, intermittent, and emergency protocols <i>(N.J.A.C. 14:8-6.5(a)(7)(i))</i>	No	
	Demonstrate that the Applicant has the financial capacity and technical expertise to perform all necessary upkeep/maintenance over the life of the Project <i>(N.J.A.C. 14:8-6.5(a)(7)(ii))</i>	No	
	Identify the primary risks to the built infrastructure and how the potential risks, including, but not limited to, hurricanes, lightning, fog, rogue wave occurrences, and exposed cabling, shall be mitigated <i>(N.J.A.C. 14:8-6.5(a)(7)(iii))</i>	No	
	Describe the emergency shut down provisions in the event of a need for the immediate stoppage of turbine blades <i>(N.J.A.C. 14:8-6.5(a)(7)(iv))</i>	No	
	Identify specific and concrete elements to ensure both construction and operational cost controls <i>(N.J.A.C. 14:8-6.5(a)(7)(v))</i>	No	
	Provide proof of insurance typical of the industry <i>(N.J.A.C. 14:8-6.5(a)(7)(vi))</i>	No	
	Provide a complete O&M plan for the life of the plant <i>(N.J.A.C. 14:8-6.5(a)(7)(viii))</i>	No	
	Identify the projected plan for the subsequent operational term, assuming any necessary Federal lease agreements are maintained and renewed <i>(N.J.A.C. 14:8-6.5(a)(7)(vii))</i>	No	
	If the Applicant has selected an O&M contractor, identify the contractor and demonstrate that it has the financial capacity and technical expertise to perform all necessary upkeep/maintenance over the life of the Project	No	
	Identification of the port(s) that will be used to support O&M of the Project and the activities that will be conducted at each port	No	
	Describe how the built infrastructure will be made climate resilient to withstand expected climate impacts	No	
	Address the potential for cable exposure over the lifetime of the project and provide plans for reburial, if necessary	No	
	Address the length of equipment downtime and timing of repair and replacement for the mitigation measures associated with potential risks, including, but not limited to, hurricanes, lightning, fog, rogue wave occurrences, and exposed cabling	No	
	A detailed description of the vessels that will be used for the O&M of the Project, and how Jones Act compliance will be addressed for each vessel and/or vessel class	No	

Section	Requirement	Complete?	Reference
	A detailed description of the types of condition monitoring technology the Applicant is going to use and the assigned probability of failures relating to certain potential risks	No	
	A detailed description of the regular foundation monitoring measures to be employed that will produce reliable data regarding foundation integrity and degradation, both during and beyond the 20-year OREC period, as well as potential foundation strengthening and retrofit measures to be taken	No	
	A description of any non-standard insurance product that you may seek, with respect to the Project	No	
15 - Decommissioning Plan	A decommissioning plan for the Project including provisions for financial assurance for decommissioning and which complies with any applicable State and Federal statutes and/or regulations (N.J.A.C. 14:8-6.5(a)(9))	No	
	Estimate an expected useful economic life for the technology and installation area proposed (N.J.A.C. 14:8-6.5(a)(9)(i))	No	
	Specify a Project decommissioning plan for the technology and installation area proposed (N.J.A.C. 14:8-6.5(a)(9)(i))	No	
	Include the anticipated cost of decommissioning the Project based on applicable and/or anticipated regulatory and engineering requirements (N.J.A.C. 14:8-6.5(a)(9)(ii))	No	
	Provide for the necessary future funding. Segregated decommissioning funds shall be required (N.J.A.C. 14:8-6.5(a)(9)(ii))	No	
	Description of prior Applicant decommissioning experience	No	
	Description of how decommissioned components will be recycled, reused or disposed of	No	
16 - Cost-Benefit Analysis	The cost-benefit analysis for the Project to show net benefits for the State (N.J.A.C. 14:8-6.5(a)(11))	No	
	Ratepayer net costs with explicit listing of foundations, assumptions and conditions, consistent with the Project's financial analysis (see Section 3.4), revenue plan (see Section 3.7) and values submitted in the Application Form (N.J.A.C. 14:8-6.5(a)(11)(ii))	No	
	Direct, indirect and induced effects of the economic development plan described in Section 3.8 (N.J.A.C. 14:8-6.5(a)(11)(ix))	No	
	Environmental net benefits, quantified and monetized as described in Section 3.9, with explicit listing of foundations, assumptions and conditions (N.J.A.C. 14:8-6.5(a)(11)(iii))	No	
	Provide information on any State grants or other subsidies from the New Jersey Economic Development Authority or other agencies associated with the Project and include the subsidy as part of the Project cost-benefit analysis (N.J.A.C. 14:8-6.5(a)(11)(viii))	No	
	An analysis of the potential positive and negative impacts on residential and industrial ratepayers of electricity rates over the life of the Project that may be caused by OREC requests (N.J.A.C. 14:8-6.5(a)(11)(xv))	No	
	Monetization of the direct, indirect and induced effects of the economic development plan shown as a present value in dollars discounted to December 31, 2020 at a 7% nominal discount rate	No	
17 - Application Forms	Enter Project names below (Note: number of entries must match the number of Projects in Cell C11)		

Section	Requirement	Complete?	Reference

Required

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