

New Jersey Board of Public Utilities
 Offshore Wind Solicitation #2
 Solicitation Guidance Document Attachment 2
 Administrative Completeness Checklist

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

Section	Requirement	Complete?	Reference
	Applicant Commitment Form	Yes	
	Application Deposit of \$525,000 (by check)	Yes	
1 - Applicant Information	A demonstration of the Applicant's applicable experience in projects of similar size and scope to the proposed Project, including the use of other turbine types (N.J.A.C. 14:8-6.5(a)(2), N.J.A.C. 14:8-6.5(a)(2)(i)(1))	Yes	Section 1.3, pp. 5-16
	List of all key employees (N.J.A.C. 14:8-6.5(a)(1)(i))	Yes	Section 1.4, p. 17-18; Section 1.5, pp. 18-26
	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))	Yes	Section 1.3.1, pp. 5-6; Section 1.5, pp. 18-26
	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))	Yes	Section 1.5, pp. 18-26
	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))	Yes	Section 1.6, pp. 26-27
	The project name, commercial operation date ("COD"), size, turbine type(s), explanation of the Applicant's role in the project, and any other relevant characteristics for each project of similar size and scope to the proposed Project that is listed in accord with the above	Yes	Section 1.3.2, p. 6
	Resumes of key employees which identify each employee's 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))	Yes	Appendix 1-3
	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))	Yes	Section 1.7, p. 27 Appendices 1-4 to 1-6
	2 - Project Descriptions	A detailed description of each Project (N.J.A.C. 14:8-6.5(a)(2))	Yes
Specify whether each Project is located at one site, or divided among several sites (N.J.A.C. 14:8-6.5(a)(2)(i)(6))		Yes	Section 2.2.1, pp. 35-37
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))		Yes	Section 2.2, pp. 35-39
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))		Yes	Section 2.2, pp. 35-39
To the fullest extent possible, indicate the major types of equipment that have been selected to be installed, and the characteristics specified (N.J.A.C. 14:8-6.5(a)(2)(i)(8))		Yes	Section 2.4.1, pp. 48-50; Section 2.4.2., pp. 50-80
Indicate whether the Applicant plans to own or lease equipment (N.J.A.C. 14:8-6.5(a)(2)(i)(9))		Yes	Section 2.4.4, p. 81
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 (N.J.A.C. 14:8-6.5(a)(2)(i)(10))		Yes	Section 2.4.2, pp. 50-80
The type, size and number of individual units for the selected turbines and foundations (N.J.A.C. 14:8-6.5(a)(2)(v))		Yes	Section 2.3, pp. 39-47
The history, to date, of the same type, size and manufacturer of installed turbines and foundations globally (N.J.A.C. 14:8-6.5(a)(2))		Yes	Section 2.4.2, pp. 50-80
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 (N.J.A.C. 14:8-6.5(a)(2)(i)(2))		Yes	Section 2.4.2, pp. 50-80 Appendices 2-5 to 2-22

Section	Requirement	Complete?	Reference
	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 (N.J.A.C. 14:8-6.5(a)(2)(i)(11))	Yes	Section 2.4.3, pp. 80-81
	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 (N.J.A.C. 14:8-6.5(a)(2)(iii))	Yes	Section 2.4.2, pp. 50-80; Section 2.5, pp. 81-94 Appendices 2-5 to 2-22, Section 11, pp. 297-309 and Appendices 11-1 to 11-4
	Summary of the Projects being submitted by the Applicant and their differentiating characteristics	Yes	Section 2.3, pp. 39-47
	If the selected equipment is not currently commercially available, describe the development status and expected timeframe for the equipment becoming commercially available	Yes	Section 2.4.2.4, pp. 72-78
	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	Yes	Section 2.6, pp. 94-97
	Zoning classifications for all land areas that will be used for the Project	Yes	Section 2.2.3, p. 39
	Whether the Applicant plans to include storage capability	Yes	Section 2.7.2, p. 103
	Type of storage system, including manufacturer and model, if applicable		
	The location of the storage system and how it is integrated with the Project and with the electric transmission and/or distribution system in New Jersey		
	Description of the anticipated storage charge / discharge operating regime, including any technology limitations affecting dispatch		
	Description of how storage will be deployed, e.g., maximize energy revenues, reduce peak demand for electricity, or improve reliable operation of the system		
	Description of how storage will contribute to maximizing revenues to be returned to customers		
	Any other benefit provided by the storage system		
	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	Yes	Section 2.7.1, pp. 98-103
	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	Yes	Sections 2.5.1 to 2.5.4, pp. 85-90
	Maps, surveys, and other visual aids that support the detailed description of the Project (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.3.1, pp. 40-47 Section 2.4.2.2, pp. 57-66 Appendices 2-1 to 2-4, Appendices 2-23 to 2-24
	The configuration of turbine array, location of cable and balance of system equipment (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.3.1, pp. 40-47 Section 2.4.2.2, pp. 57-66 Appendices 2-1 to 2-4, Appendices 2-23 to 2-24
	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))	Yes	Section 2.3.1, pp. 40-47 Appendices 2-1 to 2-4, Section 2.5, pp. 81-94, Section 2.6, pp. 94-97
	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))	Yes	Section 2.3.1, pp. 40-47 Appendices 2-1 to 2-4
	A letter of intent or memorandum of understanding from the turbine manufacturer/supplier to supply the selected turbines (N.J.A.C. 14:8-6.5(a)(2))	Yes	Appendix 2-16
	A demonstration of the financial strength of the selected turbine manufacturer/supplier (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.4.2.4, pp. 72-78 Appendix 2-16
	A declaration from the foundation manufacturer/supplier that states their ability to manufacture and deliver all foundation within the targeted schedule (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.4.2.1, pp. 50-57 Appendices 2-5 to 2-9
	A declaration from the undersea cable manufacturer/supplier that states its ability to manufacture and deliver all undersea cable components within the targeted schedule (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.4.2.2, pp. 57-66 Appendices 2-10 and 2-11
	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 (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 2.4.2.3, pp. 66-71 Appendices 2-12 to 2-15, Section 2.5, pp. 81-94, Appendices 2-18 to 2-22
	Provide evidence that the Applicant has selected certified wind turbine generators or a detailed certification plan that is underwritten by a certifying body (N.J.A.C. 14:8-6.5(a)(2))	Yes	Appendix 2-17

Section	Requirement	Complete?	Reference
	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 (N.J.A.C. 14:8-6.5(a)(3)(vii))	Yes	Appendices 2-5 to 2-22
	The maps, surveys and other visual aids must also include the locations of the export cable (generator lead line) route, substation(s), converter station (if applicable), cable landfall location, onshore transmission right-of-way, and point(s) of interconnection	Yes	Section 2.3.1, pp. 40-47, Section 2.4.2.2, pp. 57-66 Appendices 2-1 to 2-4, Appendices 2-23 to 2-24
	A demonstration of the financial strength of the selected foundation manufacturer/supplier	Yes	Section 2.4.2.4, pp. 72-78 Appendix 2-16
	A demonstration of the financial strength of the selected undersea cable manufacturer/supplier	Yes	Section 2.4.2.2, pp. 57-66 Appendices 2-10 and 2-11
	A demonstration of the financial strength of the proposed EPC contractor	Yes	Section 2.4.2, pp. 57-66 Appendices 2-5 to 2-15, Section 2.5, pp. 81-94 Appendices 2-18 to 2-22
	A demonstration of the financial strength of the proposed BOP contractor	Yes	Section 2.4.2.3, pp. 66-71 Appendices 2-12 to 2-15, Section 2.5, pp. 81-94 Appendices 2-18 to 2-22
	A demonstration of the financial strength of the other key construction contractors or vendors	Yes	Section 2.4., pp. 48-81 Appendices 2-12 to 2-15, Section 2.5, pp. 81-94 Appendices 2-18 to 2-22
	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	Yes	n/a
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 (N.J.A.C. 14:8-6.5(a)(2)(v))	Yes	Section 3.3.1, pp. 110-112; Section 3.3.2, pp. 112-113
	Account for, to the fullest extent possible, the coincidence between time of generation for the Project and peak electricity demand (N.J.A.C. 14:8-6.5(a)(2)(vi))	Yes	Section 3.3.3, p. 113
	Provide an estimate, with support, of the amount of energy that will be generated over the term of the life of the turbines (N.J.A.C. 14:8-6.5(a)(2)(vii))	Yes	Section 3.3.2, pp.112-113
	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 (N.J.A.C. 14:8-6.5(a)(2)(vi))	Yes	Section 3.3.2, pp. 112-113
	Provide the total amount of clean energy being generated over the term of the OREC program and the life of the turbines (N.J.A.C. 14:8-6.5(a)(6)(v))	Yes	Section 3.3.2, pp. 112-113
	An explanation of how the Annual OREC Allowance, as submitted in the Application Form, is derived from the wind resource and energy assessment	Yes	Section 3.3.2, pp. 112-113
	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))	Yes	Appendices 3-1 to 3-5
	Professional qualifications for the wind energy consultant to demonstrate sufficient expertise; (N.J.A.C. 14:8-6.5(a)(2)(v))	Yes	Appendix 3-1 Exhibit A
4 - Financial Analysis	A complete financial analysis of the Project (N.J.A.C. 14:8-6.5(a)(3))	Yes	Section 4.2, pp. 116-117; Section 4 3, p. 117 Appendices 4-1 to 4-5
	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))	Yes	Section 4.2, pp. 116-117; Section 4 3, p. 117 Appendices 4-1 to 4-5
	Tax credits, subsidies or grants the Project will qualify for (N.J.A.C. 14:8-6.5(a)(12)(viii)(2))	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	Debt service costs and return on equity assumptions (N.J.A.C. 14:8-6.5(a)(12)(viii)(3))	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	Taxes and depreciation assumptions (N.J.A.C. 14:8-6.5(a)(12)(viii)(4))	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	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))	Yes	Section 4.2, pp. 116-117; Section 14, pp. 385-418 Appendices 4-1 to 4-5

Section	Requirement	Complete?	Reference
	Coverage ratios for recourse and non-recourse debt tranches	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	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	Yes	Appendix 4-1
	An Excel file containing financial statements for the Project over the development, construction, operation, and decommissioning periods	Yes	Appendices 4-2 to 4-5
	Pro forma income statements (N.J.A.C. 14:8-6.5(a)(3)(i))	Yes	Appendices 4-2 to 4-5
	Balance sheets (N.J.A.C. 14:8-6.5(a)(3)(ii))	Yes	Appendices 4-2 to 4-5
	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))	Yes	Appendices 4-2 to 4-5
	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))	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	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))	Yes	Section 4.2, pp. 116-117 Appendices 4-1 to 4-5
	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))	Yes	Section 4.2 (ref. to full Application), Appendix 4-1
	The Project financial statements must include the annual earnings before interest, taxes, depreciation, and amortization ("EBITDA") over the 20-year contract term	Yes	Appendix 4-1
	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 point(s) of interconnection	Yes	Appendix 4-1
	The full cost accounting of the Project must specifically identify the incremental costs associated with design elements to facilitate future expansion of OSW delivery capability	Yes	Appendix 4-1
5 - Project Financing Plan	The proposed method of financing the Project (N.J.A.C. 14:8-6.5(a)(4))	Yes	Section 5 2, pp. 119-120
	A detailed financial plan (N.J.A.C. 14:8-6.5(a)(4)(iv))	Yes	Section 5 3, pp. 120-123
	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))	Yes	Section 5.3, pp. 120-123; Section 5.4, pp. 123-125
	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))	Yes	Section 5.4.1.1, p. 124; Appendix 5-1
	Names, functions, and fees of all financial and legal advisors (N.J.A.C. 14:8-6.5(a)(4)(iv))	Yes	Section 5.3.2.2, p. 122
	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))	Yes	Section 5 3.4, p. 123
	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))	Yes	Section 5.3.3, pp. 122-123; Section 5.4, pp. 123-125 Appendices 5-1 to 5-7
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))	Yes	Section 6.2.1, p. 127, n/a
	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))	Yes	Section 6.2.1, p. 127, n/a
	The assumed Federal Investment Tax Credit and/or Production Tax Credit that the Applicant expects to be eligible for, and a proposed plan to secure such tax credits	Yes	Section 6 2, pp. 127-130
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))	Yes	Section 7, pp. 131-144
	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))	Yes	Section 7, pp. 131-144
	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))	Yes	Section 7, pp. 131-144

Section	Requirement	Complete?	Reference
	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))	Yes	Section 7, pp. 131-144
	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	Yes	Section 7, pp. 131-144
	Strategies for maximizing Project revenues and how, if at all, the Applicant intends to address any risk associated with such strategies, including a description of the Applicant’s contingency plans to address how capacity revenue may be realized over the contract term in the event that the Project is not eligible to participate in PJM’s annual BRA	Yes	Section 7, pp. 131-144 Appendices 7-2 and 7-3
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))	Yes	Section 8.2.2, pp. 158-160
	Method for confirming employment impacts (N.J.A.C. 14:8-6.5(a)(11)(vi))	Yes	Section 8.2.4, pp. 160-161
	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))	Yes	Section 8 2.3, p. 160
	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))	Yes	Section 8 3, pp. 161-165
	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))	Yes	Section 8.2, pp. 151-161; Section 16, pp. 432-444 Appendices 8-1 to 8-3
	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	Yes	Section 8.4, pp. 165-186 Appendices 8-11 and 8-12
	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	Yes	Section 8 5, pp. 186-187
	For each proposed 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	Yes	Section 8.4.2, pp. 173-176
	A description of the Applicant’s plan to use unionized labor for construction and for O&M, including considerations related to prevailing wages, union neutrality agreements, and participation in community benefit agreements that include commitments to local hiring and skills training for local people	Yes	Section 8.2.5, p. 161 Appendix 8-4
	A description of the Applicant’s plan to develop training programs in New Jersey to support expedited learning techniques for industry professionals, including university and community college partnerships designed to educate undergraduate and graduate students across the spectrum of research and development initiatives, including engineering, construction, finance, management and services related to the creation and dissemination of economic benefits in New Jersey	Yes	Section 8.4.3, pp. 176-182 Appendices 8-11 and 8-12
	A description of the Applicant’s plan to include diversity and inclusion initiatives as part of the training program and hiring practices	Yes	Section 8.4.5, pp. 184-186 Appendices 8-11 and 8-12
	Planned in-State spending to support development, construction, O&M, and equipment purchases	Yes	Section 8.2.1, pp. 151-158
	Identification of the supply chain components and installation labor, that are expected to be provided by in-State businesses and/or workers	Yes	Section 8.2.1.1, pp. 152-158
	Planned in-State spending that will support environmental justice communities by providing jobs, grants, training programs, or environmental benefit projects to address historical and cumulative impacts in economically disadvantaged communities, along with an explanation of the nexus between the spending and the Application	Yes	Section 8.4, pp. 165-185 Appendices 8-11 and 8-12
Method for confirming in-State spending	Yes	Section 8 3, pp. 161-165	

Section	Requirement	Complete?	Reference
	Descriptions of other programs, initiatives and/or support that the Applicant is committing to, but which may be difficult to quantify, such as bringing offshore wind research and development into the State privately or in partnership with universities and/or community colleges; catalyzing an offshore wind cluster in New Jersey; actively attracting other supply chain companies to locate in New Jersey (or supporting State government in these efforts); participating in or sponsoring offshore wind “ecosystem building” activities, e.g., conferences, supplier networking, start-up company mentorship; participation in workforce development programs, including apprenticeship programs, particularly for environmental justice communities; providing investment or technical assistance in industry infrastructure development; or other corporate responsibility commitments	Yes	Section 8.4, pp. 165-185 Appendices 8-11 and 8-12
	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))	Yes	Section 8.2.4, pp. 160-161 Appendices 2-5 to 2-22, Appendix 2-25 and 2-27
9 - 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))	Yes	Section 9 3, pp. 194-196
	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 oil or other toxic releases to the ocean, or solid waste generation (N.J.A.C. 14:8-6.5(a)(11)(xiv)(1))	Yes	Section 9.4, pp. 196-238 Appendix 9-2 and 9-3
	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))	Yes	Section 9.4, pp. 196-238
	The anticipated CO ₂ emissions impact of the Project (N.J.A.C. 14:8-6.5(a)(8))	Yes	Section 9.4.7, pp. 234-238
	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))	Yes	Section 9.4.7, pp. 234-238
	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))	Yes	Section 9.3.1, pp. 195-196
	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))	Yes	Section 9.4.7, pp. 234-238
	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))	Yes	Section 9.4.7, pp. 234-238
	Provide 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	Yes	Section 9.4.7, pp. 234-238
	A plan for transparent reporting of findings related to impacts to marine mammals, sea turtles, and avian species	Yes	Section 9.4.2, pp. 199-200
	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, and how the Applicant plans to make such data available to NJDEP and other designated parties, including making the data publicly available to the extent possible given confidentiality considerations	Yes	Section 9.4, pp. 196-238
	A description of whether and how the turbine arrays including foundations, and offshore platforms could be utilized as an infrastructure to provide direct ocean and ecological observations throughout the water column	Yes	Section 9.6, pp. 248-253
	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 described in the introduction to Section 3	Yes	Section 9.4, pp. 196-238
	A plan to address the identified impacts, including any innovative measures to avoid, minimize or mitigate impacts	Yes	Section 9.4, pp. 196-238
	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	Yes	Section 9.4.6, p. 233

Section	Requirement	Complete?	Reference
	A description of how the Applicant will identify (or has identified) environmental stakeholders, 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	Yes	Section 9.5, pp. 238-248 Appendix 9-1
	A description of Project design elements that will facilitate future expansion of OSW delivery capability, including potential sharing of offshore or onshore substations with future Qualified Projects, by avoiding, minimizing, or mitigating future incremental environmental impacts, such as reducing the area of seafloor or shoreline disturbance, the number of cable landfalls, or the footprint of the onshore right-of-way or interconnection facilities, e.g., through creation of additional substation bays or laying extra unused conduit	Yes	Section 9.6.2, p. 253
	A description of lighting controls for the Project	Yes	Section 9.4.4.2, pp. 225-227
	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	Yes	Section 9.4, pp. 196-238
	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	Yes	Section 9.4.7, pp. 234-238
	Explicit listing of foundations, assumptions, and conditions used in the quantification and monetization of environmental impacts	Yes	Section 9.4.7, pp. 234-238 Appendix 9-9
	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	Yes	Section 9.4.4.2, pp. 225-227 Appendices 94- to 9-8
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	Yes	Section 10.2, pp. 259-279 Appendices 10-1 to 10-3
	A scientifically rigorous plan to detect impacts to marine resources, including biota and recreational and commercial fisheries	Yes	Section 10.2, pp. 259-279 Appendices 10-1 to 10-3
	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	Yes	Section 10.2, pp. 259-279
	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	Yes	Section 10.2, pp. 259-279
	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	Yes	Section 10.3, p. 279
	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 finfish and shellfish, and how the Applicant plans to make such data available to NJDEP and other designated parties, including making the data publicly available to the extent possible given confidentiality considerations	Yes	Section 10.2.2, pp. 261-267
	A description of whether and how the turbine arrays including foundations, and offshore platforms could be utilized as an infrastructure to provide direct ocean and ecological observations throughout the water column	Yes	Section 10.6, pp. 295-296
	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	Yes	Section 10.2, pp. 259-279
	A plan for transparent reporting of findings related to marine resources, effects, and impacts	Yes	Section 10.4, pp. 280-281
	An explanation of how the Applicant will provide reasonable accommodations to commercial and recreational fishing for efficient and safe access to fishing grounds	Yes	Section 10.2, pp. 259-279 Appendix 10-4
	A description of how the Applicant will identify (or has identified) fisheries stakeholders, 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 stakeholder concerns were addressed	Yes	Section 10.5, pp. 281-295 Appendix 10-4
	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	Yes	Section 10.5, pp. 281-295
11 - Project Timeline	A timeline for the permitting, licensing, and construction of the Project (N.J.A.C. 14:8-6.5(a)(13))	Yes	Section 11.2, pp. 299-306
	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 (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 11.2, pp. 299-306; Section 11.3, pp. 306-307
	Indicate the equipment's delivery time once an order has been placed (N.J.A.C. 14:8-6.5(a)(2)(i)(12))	Yes	Section 11.2, pp. 299-306

Section	Requirement	Complete?	Reference
	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 (N.J.A.C. 14:8-6.5(a)(13))	Yes	Section 11.2, pp. 299-306
12 - Interconnection Plan	A plan for interconnection, including engineering specifications and costs (N.J.A.C. 14:8-6.5(a)(14))	Yes	Section 12.2, pp. 317-334
	A description of the point(s) of interconnection the Project intends to use (N.J.A.C. 14:8-6.5(a)(2))	Yes	Section 12.2, pp. 317-334
	Applicants shall show that they are currently in the PJM queue or that the Project is PJM queue eligible (N.J.A.C. 14:8-6.5(a)(10)(iii))	Yes	Section 12.2, pp. 317-334
	Document tasks required and discuss issues associated with electrical interconnection, including the distance between the Project and a suitable point to interconnect with the electrical grid (N.J.A.C. 14:8-6.5(a)(14)(i))	Yes	Section 12.2, pp. 317-334
	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 (N.J.A.C. 14:8-6.5(a)(14)(iii))	Yes	Section 12.2, pp. 317-334 Appendix 12-1
	Detailed description of how the Project will address and mitigate load constraints in the electrical distribution and PJM transmission system for each point of interconnection (N.J.A.C. 14:8-6.5(a)(14)(iii))	Yes	Section 12.3, pp. 334-338
	Demonstrate to the greatest extent possible how the Project will address current or potential future load pocket or constraint problems with the electric distribution system and the PJM transmission system (N.J.A.C. 14:8-6.5(a)(14)(iv))	Yes	Section 12.3, pp. 334-338 Appendix 12-2
	Indicate the location of transmission lines and all points of interconnection to the PJM system serving New Jersey (N.J.A.C. 14:8-6.5(a)(14)(v))	Yes	Section 12.2, pp. 317-334
	Information for costs associated with network upgrades that flow from the Project even if not directly caused by the interconnection (N.J.A.C. 14:8-6.5(a)(14)(vi))	Yes	Section 12.4, pp. 339-345
	Address how the interconnection plan and design can support the State's future offshore development goals, including discussion of the ability for the Project to work synergistically with any future offshore transmission grid, including willingness to make its interconnection facilities available to future integrated offshore wind transmission solutions willing to refund its pro rata share of any upgrades costs, as well as reach commercially reasonable terms on indemnification; ability to make some portion of its interconnection facilities available to future Qualified Projects willing to refund its pro rata share of any upgrade costs, as well as reach commercially reasonable terms on indemnification; potential sharing of offshore or onshore substations with future Qualified Projects through creation of additional substation bays or laying extra unused conduit; and other means by which the Project's interconnection plan may aid the State in meeting its goal of achieving 7,500 MW of offshore wind by 2035 in a cost effective manner.	Yes	Section 12.5, pp. 346-351
	Supporting documentation for the P50 and P90 estimates of Transmission System Upgrade Costs ("TSUC") reported in the Application Form	Yes	Section 12.4, pp. 339-345 Appendices 12-13 to 12-17
	Any draft or final interconnection studies conducted by PJM or by a third party, including the Feasibility Study, System Impact Study, and Facility Study relating to the proposed Project	Yes	Section 12.4, pp. 339-345 Appendices 12-3 to 12-18
13 - Permitting Plan	A list of all State, and Federal regulatory agency approvals, permits, or other authorizations required pursuant to State, and Federal law (N.J.A.C. 14:8-6.5(a)(10))	Yes	Section 13.2, pp. 355-380
	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 (N.J.A.C. 14:8-6.5(a)(2)(iv))	Yes	Section 13.2, pp. 355-380
	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 (N.J.A.C. 14:8-6.5(a)(10)(iii))	Yes	Section 13.2, pp. 355-380
	Identify the nature of the Applicant's ocean lease and land ownership requirements for all aspects of the Project, including all required interconnection areas (N.J.A.C. 14:8-6.5(a)(10)(iv))	Yes	Section 13.3, pp. 381-382
	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 (N.J.A.C. 14:8-6.5(a)(10)(v))	Yes	Section 13.3, pp. 381-382
	Indicate the type and number of entities securing leases or owning land (N.J.A.C. 14:8-6.5(a)(10)(v))	Yes	Section 13.3, pp. 381-382
	A plan for accomplishing remaining steps toward acquiring leases or land ownership (N.J.A.C. 14:8-6.5(a)(10)(v))	Yes	Section 13.3, pp. 381-382
	Identify each appropriate State or Federal agency the Applicant will be contacting for land acquisition issues and provide a summary of the required arrangements (N.J.A.C. 14:8-6.5(a)(10)(vi))	Yes	Section 13.3, pp. 381-382
	Demonstrate adequate financial resources to acquire any land and/or leases needed to undertake the Project (N.J.A.C. 14:8-6.5(a)(10)(vii))	Yes	Section 13.3, pp. 381-382
	A list of all local regulatory agency approvals, permits, or other authorizations required pursuant to local law	Yes	Section 13.2, pp. 355-380

Section	Requirement	Complete?	Reference
	A strategy, including the expected timeline, to obtain each required permit and/or approval	Yes	Section 13.4, p. 383
	Identify the land ownership requirements for the port facilities included in the Project	Yes	Section 13.3, pp. 381-382
	Identify each appropriate State or Federal agency the Applicant has contacted for land acquisition issues and provide a summary of the required arrangements	Yes	Section 13.3, pp. 381-382
	Copies of all submitted permit applications and any issued approvals and permits (N.J.A.C. 14:8-6.5(a)(10))	Yes	Section 13.5, p. 383
	Filings made to any other regulatory or governmental administrative agency including, but not limited to, any compliance filings or any inquiries by these agencies (N.J.A.C. 14:8-6.5(a)(10)(ix))	Yes	Section 13.3, pp. 381-382 Appendices 13-1 to 13-9
14 - O&M Plan	An O&M plan for the 20-year contract term for each phase of the Project (N.J.A.C. 14:8-6.5(a)(7))	Yes	Section 14.2, pp. 389-402
	Detail routine, intermittent, and emergency protocols (N.J.A.C. 14:8-6.5(a)(7)(i))	Yes	Section 14.3, pp. 402-405
	Demonstrate that the Applicant has the financial capacity and technical expertise to perform all necessary upkeep/maintenance over the life of the Project (N.J.A.C. 14:8-6.5(a)(7)(ii))	Yes	Section 14.4, pp. 405-407
	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 (N.J.A.C. 14:8-6.5(a)(7)(iii))	Yes	Section 14.2.7, pp. 401-402
	Describe the emergency shut down provisions in the event of a need for the immediate stoppage of turbine blades (N.J.A.C. 14:8-6.5(a)(7)(iv))	Yes	Section 14.3.3, p. 405
	Identify specific and concrete elements to ensure both construction and operational cost controls (N.J.A.C. 14:8-6.5(a)(7)(v))	Yes	Section 14.5, pp. 407-410
	Identify the projected plan for the subsequent operational term, assuming any necessary Federal lease agreements are maintained and renewed (N.J.A.C. 14:8-6.5(a)(7)(vii))	Yes	Section 14.7, pp. 411-412
	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	Yes	Section 14.4, pp. 405-407
	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	Yes	Section 14 2.4; pp. 396-398
	Describe how the built infrastructure will be made climate resilient to withstand expected climate impacts	Yes	Section 14 2.7, pp. 401-402
	Address the potential for cable exposure over the lifetime of the project and provide plans for reburial if necessary	Yes	Section 14 2.7, pp. 401-402
	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	Yes	Section 14 2.3, pp. 393-396
	Proof of insurance typical of the industry (N.J.A.C. 14:8-6.5(a)(7)(vi))	Yes	Section 14.6, pp. 410-411 Appendices 14-4 to 14-8
	A complete O&M plan for the life of the plant (N.J.A.C. 14:8-6.5(a)(7)(viii))	Yes	Section 14.2, pp. 389-402
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))	Yes	Section 15.2, pp. 414-422
	Estimate an expected useful economic life for the technology and installation area proposed (N.J.A.C. 14:8-6.5(a)(9)(i))	Yes	Section 15.4, p. 423
	Specify a Project decommissioning plan for the technology and installation area proposed (N.J.A.C. 14:8-6.5(a)(9)(i))	Yes	Section 15.2, pp. 414-422
	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)(iii))	Yes	Section 15.5, pp. 423-424
	Provide for the necessary future funding. Segregated decommissioning funds shall be required (N.J.A.C. 14:8-6.5(a)(9)(iii))	Yes	Section 15.5, pp. 423-424
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))	Yes	Section 16.1, pp. 427-428
	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)(iii))	Yes	Section 16.2, p. 429
	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))	Yes	Section 16.3, pp. 429-421
	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))	Yes	Section 16.4, pp. 432-434

Section	Requirement	Complete?	Reference
	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 (<i>N.J.A.C. 14:8-6.5(a)(11)(viii)</i>)	Yes	Section 16.5, p. 434
	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 (<i>N.J.A.C. 14:8-6.5(a)(11)(xv)</i>)	Yes	Section 16.6, pp. 434-436
	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	Yes	Section 16.7, p. 436
17 - Application Forms	Enter Project names below (<i>Note: number of entries must match the number of Projects in Cell C11</i>) <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100px; height: 20px; margin-bottom: 5px;"></div>		