



Board of Public Utilities Offshore Wind Transmission Proposal Data Collection Form

Supplemental Information Requested to Support
New Jersey Board of Public Utilities (BPU) in the
Evaluation of Transmission Projects Proposed to be
Developed Under the 2021 State Agreement
Approach (SAA)

Document Date and Revision: August 31, 2021, Revision 3

Document Purpose: Bidders proposing to develop a transmission project to support the integration of offshore wind within the state of New Jersey's 2021 State Agreement Approach competitive solicitation must complete this form as one component of the bid submission. This document provides bidders guidance on criteria that will be used to evaluate alternative transmission proposals, collects information necessary for the BPU to evaluate proposed projects, and allows bidders to describe benefits to New Jersey residents and ratepayers.

Submission Instructions: [PJM Competitive Planning Process](#)

Submission Due Date: September 17, 2021

Issued By:

State of New Jersey
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New Jersey Board of Public Utilities Request for Quotation

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I. SAA Policy Objectives

New Jersey is seeking transmission solutions capable of cost-effectively integrating into the PJM transmission system up to 7,500 MW of offshore wind by 2035. The BPU is undergoing a State Agreement Approach (SAA) process with PJM to receive, evaluate, and select proposals from transmission developers for building out the transmission capability necessary to cost-effectively and reliably interconnect the offshore wind resources. An overview of the process and the PJM Problem Statements that provide additional details on the PJM criteria and transmission upgrades necessary for meeting NJ's offshore wind objectives are available on the PJM [Competitive Planning Process](#) page.

As outlined in the Proposal Window Overview document, specific evaluation criteria for proposed solutions to meet the New Jersey public policy requirements under this State Agreement Approach include:

- *PJM system reliability* – ability to provide a solution to the needs defined in the problem statements, additional needs identified by the proposing entities, or the needs associated with alternative POIs and to resolve potential reliability criteria violations on PJM facilities in accordance with all applicable planning criteria (PJM, NERC, SERC, RFC, and Local Transmission Owner criteria), including the solution's ability to (a) resolve identified PJM reliability violations and satisfy any applicable criteria that may impact the performance measurement of the project even if it was not explicitly stated as part of the original problem statement; and (b) reduce the need for must-run generation and special operating procedures, extreme weather outages and weather-related multiple unforced outages, reduced probability of common mode outages due to electrical and non-electrical causes, islanding, power quality degradation.
- *Project constructability* – the extent to which the proposal identifies, addresses, and mitigates (through technical studies and documentation of experience with similar solutions elsewhere) the financing, constructability, execution, technology, environmental, and permitting challenges of the proposed solution, including the need for construction- or other-related outages on related transmission facilities.
- *Project costs* – total cost of proposed solutions and individual elements (partial solutions); quality of proposed innovative cost control approaches (such as phased-in development of project segments, capped project costs or capped revenue requirements, and cost recovery for excess or unused capacity) or levelized cost recovery options (such as trended original costs, which may improve the intergenerational equity of cost recovery); financial commitments regarding rate of return, specific provisions to protect against cost overruns, or other comparable provisions designed to control costs.
- *Project risk mitigation* – ability of the proposed solution to mitigate environmental, permitting, financing, constructability, timing, project-on-project (including the use of financial assurance mechanisms, guaranteed in-service dates or financial commitments contingent on meeting targeted commercial online dates, and delay damage payment provisions), and any other risks that could

increase costs, reduce value, or delay the development and delivery of offshore wind generation for New Jersey.

- *Environmental benefits* – ability of the proposed solution to minimize potential environmental impacts; minimize impacts to marine, nearshore, and onshore habitats, listed species, cultural resources, air (emissions) including potential benefits, water quality, noise, aesthetics, tourism, and navigation; minimize impacts related to fisheries resources and the fishing community and industry.
- *Permitting plan* – ability of the proposed solution to minimize permitting risks, including plan for and likelihood of achieving all State and Federal necessary regulatory agency approvals, permits, or other authorizations; likelihood of meeting projected commercial operation dates, operation and maintenance plans, site control or ability to achieve site control, constructability, project longevity, and project schedule.
- *Quality of proposal and developer experience* – quality of project documentation and proposal description, discussion of commitments and benefits, and supporting analyses and benefits quantifications (including documentation of assumptions and analyses, if any); documentation of developer experience relevant to the successful implementation of the proposed solution.
- *Flexibility, modularity, and option value of solutions* – ability of project proposals to achieve efficient outcomes through combinations of solutions for Options 1a, 1b, 2 and 3 needs, or ways in which proposed solutions, or portions of proposed solutions, can be combined, integrated, and sequenced to more cost effectively achieve the State’s overall public policy and risk mitigation objectives; ability of the proposed solution to accommodate future increases in offshore wind generation above current plans; innovative solutions that yield a transmission investment schedule that is optimally aligned with the planned schedule of offshore wind generation procurements.
- *Market value of offshore wind generation* – ability of the proposed solution to maximize the energy, capacity and Renewable Energy Credit (REC) values of offshore wind generation delivered to the chosen POIs, including mitigation of curtailment risks, and the level and sustainability of PJM capacity, congestion, or other rights created by the proposed solution that increase the delivered value of the wind generation or otherwise reduce the total cost of the proposal.
- *Additional New Jersey benefits* – ability of proposed solutions and associated upgrades to provide additional onshore-grid-related benefits, resolve PJM market congestion, and/or otherwise reduce or avoid PJM-related costs and improve PJM market performance; this includes (a) energy market benefits, including energy deliverability of offshore wind production or curtailment, production cost savings, or other benefits; (b) identification of benefits to the transmission system, including synergies with transmission solutions from already-ongoing procurements, opportunistic replacement of aging transmission infrastructure, the creation of valuable transmission-related rights, and other transmission cost savings; (c) capacity market benefits (including CETL increases), improve resiliency/redundancy, avoid future costs (such as future reliability upgrades or aging facilities replacements); (d) other benefits, including state energy sufficiency, improvements in local transmission and distribution outage statistics, reduced utilization of aging infrastructure, improvements in local resiliency.

To submit a proposal to achieve the objectives of this process, transmission developers must submit all of the information requested by PJM through its transmission planning process. Developers can find those materials at PJM’s website on the PJM [Competitive Planning Process](#) page.

In addition, the New Jersey BPU requests that developers submit additional information concerning their projects that will aid the BPU in evaluating and selecting the projects that best meet New Jersey's needs based on the criteria outlined above.

II. Project Proposal Identification

Proposing Entities shall include the following information in the BPU Supplemental Offshore Wind Transmission Proposal Data Collection Form:

Proposing Entity Name: [REDACTED]

Company ID: [REDACTED]

Project Title: Springfield - Gilbert 230 kV line reconductor

PJM Proposal ID: 2021-NJOSW-330

III. Project Summary

In addition to the project details requested by PJM, please provide below a narrative description of the proposed project(s) and options; document the projected benefits in terms of design, flexibility, ratepayer costs, and environmental impacts; identify major risks of (such as delay or non-completion risks, including the project-on-project risks created by the interdependence of the proposed project(s) and those of other transmission and offshore wind projects); provide strategies to limit risks to NJ customers; and include cost recovery and containment provisions.

NARRATIVE DESCRIPTION OF PROPOSED PROJECT(S)

Provide a narrative description of the project(s) proposed in response to the PJM Problem Statements describing primary technical features, interconnection points (default or alternative POIs) and the associated transfer capability, timeframe for development, and how the project(s) will support New Jersey's policy to cost-effectively develop 7,500 MW of offshore wind.

Reconduct a 0.33 mile portion of the Springfield - Gilbert 230 kV line to achieve a new rating of SN/SE: 830/954 MVA and WN/WE: 938/1087 MVA. This is a simple low cost solution to a thermal overload remote from OSW.

PROJECT OPTIONALITY, FLEXIBILITY, AND MODULARITY

Describe the optionality, flexibility, and modularity offered by the proposed projects, including: ability of project proposals to achieve efficient outcomes through combinations of solutions for Options 1a, 1b, 2 and 3 needs, or ways in which proposed solutions, or portions of proposed solutions, can be combined, integrated, and sequenced to more cost effectively achieve the State’s overall public policy and risk mitigation objectives; ability of the proposed solution to accommodate future increases in offshore wind generation above current plans; innovative solutions that yield a transmission investment schedule that is optimally aligned with the planned schedule of offshore wind generation procurements

This solution is a simple 0.33 mile reconductor of a line that is on the outskirts of NJ. The upgrade may be included with any combination of other solutions considered to resolve the greater offshore wind interconnection concern. The upgrade can be constructed fairly quickly, so it will have no adverse impact on the timing of completion of overall system upgrades to meet offshore wind goals.

INTERDEPENDENCY OF OPTIONS

Describe any interdependence issues or benefits associated with any other proposal also submitted by your company. Namely, describe whether selection of another specific proposal will impact this proposal, and if so – how. Describe whether your project is severable, and the conditions that would be associated with selection of this single proposal (i.e. one option 1b proposal for one POI). Describe any benefits to cost, cost-containment mechanisms, phasing, or other relevant elements of the proposal that would stem from co-selection of other proposals. Explain any benefits from selection of multiple proposals that may not be available if a single proposal is selected.

██████████ is submitting only this one small upgrade proposal. We have no other proposals to consider in concert. As noted above, this solution can be implemented with any combination of greater NJ OSW solutions to address the specific reliability driver that it resolves. Cost containment was not included because of the uniquely small nature of the project.

OVERVIEW OF PROJECT BENEFITS

Describe the benefits that the project offers in support of New Jersey’s policy goals to reduce customer costs, advance offshore wind, maintain reliability, mitigate environmental impacts, and achieve other policy goals as outlined above. Explain how any project options or alternatives offered may create value in furtherance of the BPU’s stated policy goals as described above.

Export of offshore wind out of NJ during the winter when offshore wind will have higher capacity factor has been identified as a potential concern. The Springfield – Gilbert 230 kV line is a tie line ██████████ that becomes overloaded as a result of these increased flows out of NJ. This project is a simple 0.33 mile

reconductor that will increase the emergency winter rating of the line by 20% from 903 MVA up to 1087 MVA. Since the structures of the line were already upgraded in recent years, this is a simple reconductor and there will be no need for any line rebuilding to accommodate the new conductor.

OVERVIEW OF MAJOR RISKS AND STRATEGIES TO LIMIT RISKS

Identify and describe project-related risks, such as: (a) uncertainties that may cause timeline delays or budget increases; (b) uncertainties that may reduce or delay the benefits to New Jersey customers; and (c) project-on-project risks that may exist between this project and other transmission or offshore wind projects. Describe the strategies that will be utilized to limit these risks and the impacts to New Jersey customers.

There are no identified significant risks associated with this small line reconductor project.

OVERVIEW OF PROJECT COSTS, COST CONTAINMENT PROVISIONS, AND COST RECOVERY PROPOSALS

Summarize the project cost, any cost containment provisions that will be utilized to limit cost impacts on New Jersey customers, and the cost recovery approach.

The project cost will be \$359,828. No cost containment provisions are proposed due to the low cost and simplicity of the upgrade solution. Cost recovery will be via the PJM Tariff as determined for the NJ OSW SAA Projects.

IV. Proposal Benefits

The PJM submission form provides space to identify the reliability criteria violations that the solution resolves and the Market Efficiency flowgate(s) the proposed project mitigates. We provide an opportunity here to identify additional information concerning the benefits of the proposed project.

- **Reliability Benefits:**
 - Please explain the proposed project’s ability to satisfy any applicable reliability criteria that may impact the evaluation of the project even if it was not explicitly stated as part of the original problem statement. _____ This upgrade is a simple reconductor that will resolve the associated reliability driver (overload of the Springfield – Gilbert 230 kV line).
 - Please explain the proposed project’s ability to provide additional benefits associated with reliability criteria, including reduce the need for must-run generation and special operating procedures, extreme weather outages and weather-related multiple unforced outages, reduced

probability of common mode outages due to electrical and non-electrical causes, islanding, power quality degradation. _____ **No additional benefits beyond the mitigation of the Springfield – Gilbert 230 kV line overload were identified.**

- **Public Policy Benefits:**

- Please explain the proposed project’s ability to maximize the energy, capacity, and REC values of offshore wind generation delivered to the chosen POIs, including reduce total costs of the offshore wind generation facilities (including generator leads to the offshore substations), mitigation of curtailment risks, and the level and sustainability of PJM capacity, congestion, or other rights created by the proposed solution that increase the delivered value of the wind generation or provide other benefits. _____ **Removes Springfield – Gilbert 230 kV line from the list of winter thermal overload elements with NJ offshore wind online, and as such no curtailment of offshore wind to respect this line’s limits would be necessary.**
- Please explain the proposed project’s ability to accommodate future increases in offshore wind generation above current plans. _____ **The overload that was identified (905 MVA) was only slightly above the existing 903 MVA winter emergency rating in year 2035. The new line rating will be 1087 MVA, a ~20% increase in line capacity.**

- **Market Efficiency Benefits:**

- ▶ Please explain for each item below the proposed project’s ability to provide additional onshore-grid-related benefits that improve PJM market performance and provide New Jersey ratepayer cost savings.
 - Energy market benefits, such as ratepayer cost savings (the primary evaluation metric); production cost savings; or other benefits: _____ **Market efficiency study not completed.**
 - Transmission system benefits, such as synergies with transmission facilities associated with ongoing OSW procurements, replacement of aging transmission infrastructure, and other transmission cost savings to New Jersey customers: _____ **N/A.**
 - Capacity market benefits, that may give rise to New Jersey ratepayer cost savings (which is the primary evaluation metric), including through CETL increases, improved resiliency/redundancy, avoided future costs (such as future reliability upgrades or aging facilities replacements): _____ **No Load Deliverability sensitivity studies were completed. Resiliency will not be impacted, so no resiliency studies were completed either.**
 - Other benefits, including State energy sufficiency, reduced emissions, less dependence on fossil-based thermal resources, improvements in local transmission and distribution outages, improvements in local resiliency: _____ **Not applicable.**

Please attach any relevant supporting analyses and benefits quantifications (including assumptions and analyses, if any) to support the benefits described above that have not been already submitted through the PJM submission forms.

V. Proposal Costs, Cost Containment Provisions, and Cost Recovery

Proposals with cost containment options that limit New Jersey ratepayer exposure to cost overruns are strongly preferred. Examples of cost caps or cost control measures that the developer should consider proposing include, but are not limited to:

- Total or partial construction cost caps, similar to the cost control measures requested by the PJM submission forms;
- Total or partial operations and maintenance cost caps;
- Limits on capital structure and return on equity (ROE);
- Fixed revenue requirements over the expected life of the project; and
- Innovative cost recovery approaches.

Developers can propose several (equally-acceptable) alternative cost control and cost recovery mechanisms for each proposal. Such cost control and cost recovery alternative may include:

1. *Standard Regulated Cost Recovery*: If developers are requesting cost recovery via a standard revenue requirement, please submit projected project and financing cost information and any proposed cost-cap mechanisms via the PJM submission forms. Indicate below that standard regulated cost recovery will be requested.

Proposers should include the following information via the PJM Competitive Planner submission tool when submitting projected project and financing cost information, any proposed cost-cap mechanisms, and whether values are estimated or firm commitments.

Please provide the following:

- A. O&M, G&A Costs
 - a. Cost estimates for Operations, Maintenance, and G&A FERC US of A 560-570 series, 920 series.
 - b. O&M escalation rates
 - c. Clarification if O&M, G&A expenses are covered in cost containment
- B. Capital Structure
 - a. Debt-to-Equity ratio
 - b. Cost of debt
- C. Depreciation
 - a. Book life by asset class
 - b. Tax depreciation method e.g., 5-year MACRS, half-year convention

- c. Book and tax depreciation schedule for CapEx and On-going CapEx
 - D. Taxes
 - a. Federal and state income tax rates
 - b. Description of blended income tax rate calculations, if any
 - c. Property tax rate
 - d. Deferred income tax schedule, if appropriate
 - E. Discount Rate
 - F. Revenue Requirement
 - a. Estimated annual revenue requirement for each proposed solution from commercial operation through the book life of the plant.
 - b. Provide revenue requirement build-up workbook, including depreciation, cost of debt, return on equity, federal and state income tax, property tax, and other costs e.g., O&M, A&G, other income tax.
 - G. Incentive adders
 - a. Describe any incentive adders and what it applies to
 - H. Exceptions to Cost Cap
2. *Pre-determined Revenue Requirements*: If developer is requesting cost recovery via pre-determined, pre-committed revenue requirements, please submit the committed-to annual revenue requirement amounts over the economic life of the assets below. In this case, the developer does not need to submit project and financing cost information via the PJM submission forms.
3. *Alternative Cost Recovery*: If developer is requesting an alternative cost recovery (e.g., leveled regulated cost recovery, fixed-priced contract costs, or other mechanism), please submit the projected cost recovery information via the PJM submission forms and describe the alternative cost recovery approach below.

Based on the approach, please provide the following information for the BPU to evaluate the costs of the proposed solutions to New Jersey ratepayers:

- Any additional cost information not included in PJM's submission forms, including ongoing capital expenditures: _____
- For the cost estimates submitted via PJM's submission forms, the cost estimate classification and expected accuracy range consistent with AACE International standards: _____
- The estimated energy losses of the proposed facilities:
- The physical life and/or economic life (i.e., length over which the facility will request cost recovery) of the facilities: _____
- A description of each cost structure proposed for the project, including cost containment mechanisms and cost recovery approach: _____

- If a fixed revenue requirement is being requested, files specifying the annual revenue requirements over the economic life of the proposal. Similar to the proposed cost cap mechanisms submitted to PJM, please include proposed contractual revenue requirement commitment language to be included in the Designated Entity Agreement. The Contractual revenue requirement commitment language must be identical to that submitted in the PJM Competitive Proposal Template. _____
- Please explain how the costs of the proposed projects may be impacted by selection of a subset of the options versus the entire proposed project: _____
- Please explain any additional cost control mechanisms provisions for the BPU to consider that were not included in the PJM submission forms: _____

VI. Project Risks and Mitigation Strategy

Please provide the following items to describe the project's risk and risk mitigation strategy:

- Discuss the project's plan for site control and the ability to achieve site control. No new sites. Short reconductor in the existing Transmission Owner's ROW.
- Identify whether the project will require the issuance of a right-of-way, a right of use and easement, or similar authorization from the U.S. Bureau of Ocean Energy Management ("BOEM"), and the project's plan and timetable for obtaining such any required authorization. Not applicable
- Discuss the project stakeholder engagement plan's ability to minimize public opposition risk from the fishing industry, coastal and beach communities, and other stakeholder groups. Not applicable
- Identify any construction techniques will be needed – benthic substrate, long HDD spans, existing cables, pipelines or other infrastructure, sandwaves/megaripples, contaminated sediment, dredging, or onshore waterbody crossings – that may result in project delays or cost overruns. **Not applicable.**
- Identify known or potential time of year restrictions on construction activity, particularly related to listed species or beach restrictions. **None applicable.**
- Identify anticipated construction-related outages and expected duration on existing PJM transmission facilities. _____
- Identify supply chain constraints or material procurement risks that may impact the project. **None applicable.**

- Identify project-on-project risks related to the timing or completion of other transmission and offshore wind projects built to achieve the New Jersey public policy requirement. **None applicable.**
- Describe and provide proposed contractual language for any project schedule guarantees, including but not limited to guaranteed in-service date(s), financial assurance mechanisms, financial commitments contingent on meeting targeted commercial online dates, and delay damage or liquidated damage payment provisions, that have been proposed. None applicable.
- Identify any additional risks associated with the project that could lead to increased costs, reduced project benefits (reliability, market efficiency, and/or public policy), or delayed development and delivery of the proposed offshore wind generation. None applicable.
 - ▶ Provide any relevant technical studies or documentation related to efforts taken to mitigate the risks identified above. **Not applicable.**
 - ▶ Identify compensatory mitigation estimates needed for wetland impacts and any potential risk with availability of wetland credits. **Not applicable.**

VII. Environmental Impacts and Permitting

This entire section is not applicable for this project.

Please provide a Environmental Protection Plan which describes all associated onshore and/or offshore environmental impacts from the planning, construction, and operation phases of the project, including, but not limited to:

- Physical Resources- air quality, electric and magnetic fields (EMF), geological resources, airborne sound, water quality, underwater acoustics, wetlands and waterbodies.
- Biological Resources- avian and bat species, benthic and shellfish, coastal and terrestrial habitat, finfish and essential fish habitat, marine mammals and sea turtles, terrestrial wildlife
- Cultural Resources- above-ground historic properties, marine archaeology, terrestrial archaeology
- Socioeconomic Resources- visual resources, commercial and recreational fisheries, commercial shipping, environmental justice, land use and zoning, existing cables, tourism, public health & safety, workforce, economy, demographics
- GIS Desktop Study of potential impacts to sensitive resources including tabular summaries of acreage and distance calculations
- Shapefiles of cable routes, landfall locations, offshore platforms, and onshore interconnection points that show:

- Width of individual cable routes or shared power corridors
- Footprint of onshore substation including expansion needed and acreage calculations of habitat disturbance, especially related to wetlands, forested areas, or other sensitive habitats
- Descriptions of cable installation methods with locations identified
- General footprint and extent of Horizontal Directional Drilling (HDD) boreholes and cable landings
- Footprint and extent of associated pre-construction and construction activities
- Projected vessel traffic and/or vehicles needed for project surveys, construction, operation, and project closeout including emissions estimates from vessel and/or vehicle activity
- Any needed exclusion zones around project infrastructure including offshore platforms
- Plan to address the identified impacts described above, including innovative measures to avoid, minimize or mitigate impacts.

Please provide a description of the anticipated environmental benefit of a particular transmission proposal in comparison to radial lines:

- How does the project reduce environmental impacts to fisheries, habitat, and sensitive resources in comparison to radial lines?
- What is the reduction in impacts (approximate area) compared to radial lines, temporary and permanent?
- A description of whether and how the project infrastructure, including offshore platforms, could provide direct ocean and ecological observations throughout the water column;

Please provide a Fisheries Protection Plan that must include the following information:

- 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;
- A scientifically rigorous plan to detect impacts to marine resources, including biota and recreational and commercial fisheries;
- Identification of all potential impacts on fish and on commercial and recreational fisheries off the coast of New Jersey from pre-construction activities through project close out;
- 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;
- An explanation of how the Applicant will provide reasonable accommodations to commercial and recreational fishing for efficient and safe access to fishing grounds;

- 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.

Please provide a description of how the Applicant will identify (or has identified) environmental and fisheries stakeholders, and how the Applicant proposes to communicate with those stakeholders during preconstruction activities through project closeout, as well as a plan for transparent reporting of how stakeholders' concerns were addressed.

Please provide an analysis showing that project infrastructure will not impact overburdened communities in a disproportionate fashion.

Please provide a description of the applicant's permitting plan that includes the following:

- Identify all local, State and/or Federal permits and/or approvals required to build and operate the Project and the strategy and expected time to obtain such permits and/or approvals;
- Provide documentation of consultation with USACE beach replenishment projects and sand borrow areas, if applicable;
- 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;
- Submit a land use compatibility / consistency matrix to identify local zoning laws and the consistency of applicant's activities in each local jurisdiction;
- Identify each appropriate State or Federal agency the Applicant has contacted for land acquisition issues and provide a summary of the required arrangements;
- Include copies of all submitted permit applications and any issued approvals and permits; and
- Include copies of all filings made to any other regulatory or governmental administrative agency including, but not limited to, any compliance filings or any inquiries by these agencies.

Appendix A: DEP Checklist Items

Prior to the Pre-Submission meeting with DEP, bidders should complete and submit to the NJDEP Appendix A of the BPU Offshore Wind Transmission Proposal Data Collection Form.

NATURAL AND HISTORIC RESOURCES

Is any portion of the project site on land owned or administered by the NJDEP? No

If yes, please visit https://www.nj.gov/dep/greenacres/pdf/Request_to_Use_NJDEP_Property_2019.pdf for information on initiating a request to use NJDEP property. The submission of a request to use NJDEP property is a prerequisite to the scheduling of a pre-application meeting.

Green Acres Program

Is any part of the project site on land that is subject to a Green Acres restriction? No If yes, please describe. _____

Does the project require the use of property funded with federal Land and Water Conservation Funding? No If yes, please describe. _____

Does the project include activities that are under the jurisdiction of the Watershed Property Review Board? No If yes, please describe. _____

Has the Watershed Property Review Board made a jurisdictional determination for the project site? Not applicable.

Does the project include a beach crossing? If so, please consult with the Green Acres program regarding potentially Green Acres encumbered parcels.

Office of Leases & Concessions

Is the temporary use of DEP lands administered by the Divisions of Parks & Forestry and/or Fish & Wildlife required for pre-construction, construction and/or post construction activities? No
If yes, please describe. _____

State Historic Preservation Office – SHPO

Is the site a Historic Site or district on or eligible for the State or National registry? No

Will there be impacts to buildings over 50 years old? No

Are there known or mapped archeological resources (including submerged) within the Project Area? No

Division of Fish and Wildlife

Has the applicant utilized New Jersey's Landscape Project mapping (v3.3) to determine if their subject property or the land immediately adjacent contains any Rank 3, 4, or 5 polygons, Vernal habitat, or Freshwater mussel habitat? Not applicable.

If yes, please identify the species which these habitats are valued for. _____

Has the applicant utilized the NJDEP – Surface Water Quality Standards (SWQS) to determine if their project footprint contains any (streams, brooks, or rivers) that are classified as Trout Maintenance or Trout Production or other surface waters that are trout stocked or inhabited by other fish species, including any migratory species that are regulated by the DFW? Not applicable

If yes, what Surface Water Quality Standard(s) or fisheries resources are identified on the site? _____

Has the applicant applied for a NJDEP, Office of Natural Lands Management (NLM) Natural Heritage Database data request for endangered and threatened species of flora and fauna? No, not applicable.

If yes, please include a copy of the NLM database response with this submission. _____

Has the applicant consulted the DFW’s Connecting Habitat Across New Jersey (CHANJ) project mapping available at <https://www.nj.gov/dep/fgw/ensp/chanj.htm>

and considered designing the project in a manner that incorporates concerns regarding wildlife habitat connectivity? Not applicable.

Is the project located on a New Jersey Division of Fish and Wildlife, Wildlife Management Area (WMA)?

No

A list as well as a map of WMAs can be found by going to the following link:

<https://www.nj.gov/dep/fgw/wmaland.htm>

If you have consulted with the New Jersey Division of Fish and Wildlife on the proposed use, please include any correspondence with this submission. None.

New Jersey’s Landscape Project mapping (v3.3) and the Surface Water Quality Standards (SWQS) can be viewed for free by visiting the NJDEP – Geo Web, GIS interface. Failure to provide the information requested above may impact the DFW ability to provide formal consultation/comments regarding potential impacts to Threatened and Endangered Species.

DIVISION OF LAND RESOURCE PROTECTION

Does the project involve development at or near, or impacts to the following; describe the type and extent of development in regard to location and impacts to regulated features: **None applicable.**

Water courses (streams) _____

State Open Waters? _____

Freshwater Wetlands and/or freshwater wetland transition areas? _____

Flood Hazard areas and/or riparian buffers _____

Waterfront development areas _____

Tidally Flowed Areas _____

Bureau of Tidelands Management: _____

The CAFRA Planning Area? _____

DIVISION OF COASTAL ENGINEERING

Will the project impact any Army Corp of Engineers beachfill projects or sand borrow areas either onshore, nearshore, or offshore? No

Is the project being proposed in the vicinity of any shore protection structures such as jetties, groins, seawalls, revetments, bulkheads, reefs, or outfalls? No

Does the project propose any cabling through inlets or areas that are regularly dredged for maintenance? No

What if any restrictions will be placed on anchoring and navigation around proposed cables? Not applicable.

Have you contacted the USACE or NJDEP Division of Coastal Engineering regarding your proposed project? Not applicable.

COMMUNITY ENGAGEMENT

The Department is committed to the principles of meaningful and early community engagement in the project's approval process. The Department has representatives available to discuss community engagement issues with you and we encourage this communication to take place at the earliest possible time. **Reconductor will take place within existing [REDACTED] ROW, and will not require expansion of ROW. Necessity for community engagement will be minimal.**

- (a) What community groups and stakeholders have you identified that may be interested in or impacted by this project?
- (b) How have you or will you engage community and stakeholders in this project?
- (c) What are the potential impacts of this project on the community?
- (d) What are the community concerns or potential concerns about this project?
- (e) How do you intend to address these concerns?
- (f) As part of this project, do you plan to perform any environmental improvements in this community? If yes, describe.

Please provide the Department with an additional narrative description function and its local/regional environmental, social, and economic benefits and impacts. Also, what sensitive receptors are present and how might they be affected by this project?

Air Quality

Will activity at the site release substances into the air? No

Does the project require Air Preconstruction permits per N.J.A.C. 7.27-8.2(c)? No

Will your project require Air Operating permits (N.J.A.C. 7:27--22.1)? No

Will the project result in a significant increase in emissions of any air contaminant for which the area is nonattainment with the national ambient air quality standards (all of NJ for VOC and NOx; 13 counties for fine particulates), thereby triggering the Emission Offset Rule at NJAC7:27-18? No

Will the project emit hazardous air pollutants and/or toxic substances above reporting thresholds listed in NJAC7:27-17?

No

Will the project result in stationary diesel engines (such as generators or pumps) or mobile diesel engines (such as bulldozers and forklifts) operating on the site? If so, which? **No, none applicable.**