



**State of New Jersey**  
**Department of Environmental Protection**  
**Division of Land Resource Protection**  
**Application Form for Permit(s)/Authorization(s)**  
**501 E. State Street Mail Code 501-02A P.O. Box 420**  
**Trenton, NJ 08625-0420**  
**Phone #: (609) 777-0454 Web: www.nj.gov/dep/landuse**

Mod of  
CAFRA  
ID  
JD



JUL 17 2023 PM12:06  
LAND USE

**Please print legibly or type the following:** Complete all sections and pages unless otherwise noted.

Initial Application ☐ Response to DLUR Deficiency ☐ Extension ☐ **Modification ☒** Is this project a NJDOT Priority 2 Repair Project? Yes ☐ No ☒

1. **Applicant Name:** Mr./Ms./Mrs. Ocean Wind by its agent, Katharine Perry, Authorized Person E-Mail: Kaper@orsted.com  
**Address:** Ocean Wind LLC, 399 Boylston Street, 12th Floor Daytime Phone: 917-524-4633 Ext. \_\_\_\_\_  
**City/State:** Boston, MA Zip Code 02116 Cell Phone: \_\_\_\_\_

2. **Agent Name:** Mr./Ms./Mrs. David Brizzolara E-Mail: David.Brizzolara@hdrinc.com  
**Firm Name:** HDR Engineering, Inc Daytime Phone: 201-335-9341 Ext. \_\_\_\_\_  
**Address:** 50 Tice Boulevard, Suite 210 Zip Code 07677 Cell Phone: 845-570-7890  
**City/State:** Woodcliff Lake, NJ

3. **Property Owner:** Mr./Ms./Mrs. Multiple- see attached E-mail: Multiple- see attached  
**Address:** Multiple- see attached Daytime Phone: Multiple- see attached Ext. \_\_\_\_\_  
**City/State:** Multiple- see attached Zip Code \_\_\_\_\_ Cell Phone: \_\_\_\_\_

4. **Project Name:** Ocean Wind 1 Offshore Wind Farm Project Address/Location: Multiple- see attached  
**Municipality:** Multiple- see attached County: Multiple- see attached Zip Code Multiple- see attached  
**Block(s):** Multiple- see attached Lot(s): Multiple- see attached  
**N.A.D. 1983 State Plane Coordinates (feet) E(x):** Multiple- see attached **N(y):** Multiple- see attached **Not Longitude/Latitude**  
**Watershed:** Multiple- see attached Subwatershed: Multiple- see attached  
**Nearest Waterway:** Atlantic Ocean, Barnegat Bay, Crook Horn Creek, Oyster Creek

5. **Project Description:** Ørsted Wind Power North America LLC (Ørsted) has obtained Land Resource Development permits to develop the Ocean Wind 1 Offshore Wind Farm Project (OCW01 or Project) pursuant to the Bureau of Ocean Energy Management (BOEM) requirements for the commercial lease of submerged lands for renewable energy development on the outer continental shelf (Lease Area OCS-A0498). As part of this modification, Ocean Wind 1 intends to add two additional laydown areas within previously disturbed (paved/gravel) areas within the Oyster Creek Project Area as well as utilize jack and bore trenchless technology at a railroad crossing near the BL England Substation.

**Provide if applicable:** Previous LUR File # (s): 0000-21-0008.2 LUP220001, Waiver request ID # (s): \_\_\_\_\_  
0000-21-0008.2 LUP230001,  
0000-21-0008.2 LUP220004,

**A. SIGNATURE OF APPLICANT (required):**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. If the applicant is an organization such as a corporation, municipal entity, home-owners association etc., the party responsible for the application shall sign on behalf of the organization.

Signature of Applicant

Ocean Wind 1 Permit Manager, Authorized Signatory

Position/Title (If not individual property owner)

6/23/2023

Date

Katharine Perry

Print Name

Signature of Applicant

Position/Title (If not individual property owner)

Date

Print Name

**A. PROPERTY OWNER'S CERTIFICATION**

I hereby certify that the undersigned is the **owner of the property** upon which the proposed work is to be done. This endorsement is certification that the owner/easement holder grants permission for the conduct of the proposed activity. In addition, written consent is hereby given to allow access to the site by representatives or agents of the Department for the purpose of conducting a site inspection(s) or survey(s) of the property in question.

In addition, the undersigned property owner hereby certifies:

1. Whether any work is to be done within an easement? Yes ☒ No ☐  
(If answer is "Yes" – Signature/title of responsible party is required below)
2. Whether any part of the entire project will be located within property belonging to the State of New Jersey? Yes ☒ No ☐
3. Whether any work is to be done on any property owned by any public agency that would be encumbered by Green Acres? Yes ☒ No ☐
4. Whether this project requires a Section 106 (National Register of Historic Places) Determination as part of a federal approval? Yes ☒ No ☐

Signature of Owner

6/23/2023

Date

Ocean Wind by its agent, Katharine Perry, Authorized Person

Print Name/Title

Signature of Owner/Easement Holder

Date

Print Name/Title

**B. APPLICANT'S AGENT**

I, Katharine Perry, the Applicant/Owner and \_\_\_\_\_, co-Applicant/Owner authorize to act as my agent/representative in all matters pertaining to my application the following person:

David Brizzolara

Name of Agent

Environmental Scientist

Occupation/Profession of Agent

Signature of Applicant/Owner

Signature of co-Applicant/Owner

**AGENT'S CERTIFICATION:**

I agree to serve as agent for the above-referenced applicant:

Signature of Agent

HDR Engineering, Inc.

Name of Firm

**C. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, SURVEYOR'S OR ENGINEER'S REPORT**

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Signature

Print Name

Position & Name of Firm

Professional License #

Date

**D. STATEMENT OF PREPARER OF APPLICATION, REPORTS AND/OR SUPPORTING DOCUMENTS (other than engineering)**

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Signature

David Brizzolara, PWS

Print Name

Regulatory Specialist, HDR Engineering

Position & Name of Firm

3271

Professional License #

6/30/2023

Date





Effective October 5, 2021, applications for most land use authorizations and permits **must** be submitted electronically through [NJDEP Online](https://www.nj.gov/dep/landuse/eservices/lur_auth_permits.html). Such applications include general permits, individual permits, water quality certificates, freshwater wetland transition area waivers, and associated flood hazard area verifications. Paper applications will **NOT** be accepted for the aforementioned types of authorizations and permits.

Paper applications **will be accepted** for Letters of Interpretations, modifications to existing permits/authorizations, extension requests for existing permits/authorizations, applicability determinations, Highlands Area applications, stand-alone Flood Hazard Verifications, and consistency determinations. If an application type is not listed on this form and you are unsure if a paper application is acceptable please contact the Division at <https://www.nj.gov/dep/landuse/contact.html>. For more information, please visit [https://www.nj.gov/dep/landuse/eservices/lur\\_auth\\_permits.html](https://www.nj.gov/dep/landuse/eservices/lur_auth_permits.html).

#### FEE CALCULATION TIPS:

- Whenever the calculation requires an acreage figure (including the Stormwater calculations), you will need to round **UP** to the nearest whole number, for example: 0.25 acres gets rounded up to one (1) acre or 2.61 acres gets rounded up to three (3) acres.
- The stormwater review fee is applied only one time per project, maximum of \$20,000, regardless of multiple applications.

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Coastal Applications	Fee Amount	Fee Paid
<input type="checkbox"/>	Modification of a Coastal GP	\$500	
<input type="checkbox"/>	Minor Technical Modification of a Coastal Wetland Permit	$500 \times \text{# of items to be revised}$	
<input type="checkbox"/>	Minor Technical Modification of a CAFRA IP	$500 \times \text{# of items to be revised}$	
<input type="checkbox"/>	Minor Technical Modification of a Waterfront IP	$500 \times \text{# of items to be revised}$	
<input type="checkbox"/>	Major Technical Modification of a Coastal Wetland Permit	$0.30 \times \text{original fee} = \text{Fee (Minimum \$500)}$	
<input checked="" type="checkbox"/>	Major Technical Modification of a CAFRA IP	$0.30 \times \$30,000 \text{ original fee} = \text{Fee (Minimum \$500)}$	\$9,000.00
<input type="checkbox"/>	Major Technical Modification of a Waterfront IP	$0.30 \times \text{original fee} = \text{Fee (Minimum \$500)}$	
<input type="checkbox"/>	Zane Letter (Waterfront Development Exemption)	\$500	
<input type="checkbox"/>	CAFRA Exemption Request	\$500	
<input type="checkbox"/>	CZM General Permit Extension	$240 \times \text{# of GPs to be extended}$	
<input type="checkbox"/>	Waterfront Development Individual Permit – Extension (Waterward of MHWL)	$0.25 \times \text{original fee} = \text{Fee (Maximum \$3,000)}$	
<input type="checkbox"/>	Meadowlands District Water Quality Certificate	$5,000 + (\$2,500 \times \text{# acres regulated area disturbed})$	
<input type="checkbox"/>	Individual Permit Equivalency/CERCLA	No Fee	

	Consistency Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Water Quality Certificate (NOTE: No fee required under the coastal program when reviewed in conjunction with a WFD permit)	$5,000 + (\$2,500 \times \text{# acres regulated area disturbed})$	
<input type="checkbox"/>	Federal Consistency	No Fee	

	Applicability Determinations	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Flood Hazard Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Highlands Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Executive Order 215	No Fee	No Fee

	Letter of Interpretation	Fee Amount	Fee Paid
<input type="checkbox"/>	LOI Presence Absence	\$1,000.00	
<input type="checkbox"/>	LOI Footprint of Disturbance (3 Maximum)	\$1,000.00 each	
<input type="checkbox"/>	LOI Delineation < 1.00 Acres	\$1,000.00	
<input type="checkbox"/>	LOI Verification	$1,000 + (\$100 \times \text{# of acres of the site})$	
<input type="checkbox"/>	LOI Partial Site Verification	$1,000 + (\$100 \times \text{# of acres of the site subject to LOI})$	
<input type="checkbox"/>	LOI Extension Presence/Absence, Footprint, Delineation < 1 acre (Re-Issuance)	\$500	
<input type="checkbox"/>	LOI Extension Line Verification (Re-Issuance)	$0.50 \times \text{original fee (Minimum \$500)}$	

	Freshwater Wetlands Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	FWGP Administrative Modification	No fee	
<input type="checkbox"/>	FWGP Minor technical modification	\$500.00	
<input type="checkbox"/>	FWGP Major technical modification	\$500.00	
<input type="checkbox"/>	Individual Permit Administrative Modification	No Fee	
<input type="checkbox"/>	Individual Permit Minor Technical Modification	\$500.00	
<input type="checkbox"/>	Individual Permit Major Technical Modification	$0.30 \times \text{original fee (Minimum \$500)}$	
<input type="checkbox"/>	TAW Administrative Modification	No Fee	
<input type="checkbox"/>	TAW Minor Technical Modification	\$500.00	
<input type="checkbox"/>	TAW Major Technical Modification	$0.30 \times \text{original fee (Minimum \$500)}$	
<input type="checkbox"/>	FWGP Extension	$500 \times \text{# of items to be extended}$	
<input type="checkbox"/>	Individual Permit/Open Water Permit Extension	$0.30 \times \text{original fee (Minimum \$500)}$	
<input type="checkbox"/>	TAW Extension	$500 \times \text{# of items to be extended}$	
<input type="checkbox"/>	Freshwater Wetlands Exemption	\$500.00	
<input type="checkbox"/>	TAW Exemption	\$500.00	
<input type="checkbox"/>	Permit Equivalency/CERCLA	No Fee	

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Flood Hazard Area Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA GP Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA GP Minor technical modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA GP Major technical modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Individual Permit Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Individual Permit Minor Technical Modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA Individual Permit Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Verification Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Verification Minor Technical Modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA Verification Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA GP Extension	\$240	
<input type="checkbox"/>	FHA Individual Permit Extension	0.25 x _____ original fee	
<input type="checkbox"/>	FHA Verification Extension of Methods 1, 2, 3, 5, or Riparian Zone Only	\$240	
<input type="checkbox"/>	FHA Verification Extension of Methods 4 or 6	0.25 x _____ original fee	
<input type="checkbox"/>	FHA Individual Permit Equivalency/CERCLA	No Fee	No Fee

**NOTE:** Flood Hazard verifications may be submitted via a paper application **ONLY** when not submitted in conjunction with any permit/authorization required to be submitted electronically.

	Flood Hazard Area Verifications	Fee Amount	Fee Paid
<input type="checkbox"/>	Verification-Delineation of Riparian Zone Only	\$1,000	
<input type="checkbox"/>	Verification-Method 1 (DEP Delineation) *	\$1,000	
<input type="checkbox"/>	Verification-Method 2 (FEMA Tidal Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 3 (FEMA Fluvial Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 4 (FEMA Hydraulic Method)	\$4,000 + (\$400 x per 100 linear feet)	
<input type="checkbox"/>	Verification-Method 5 (Approximation Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 6 (Calculation Method)	\$4,000+(\$400 x per 100 linear feet)	

\*Fee not applicable to (1) SFH

	Stormwater Review Fee (Maximum Fee = \$20,000)	Fee Amount	Fee Paid
<input type="checkbox"/>	Stormwater Review ( Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
	Review of Groundwater Calculations	+ \$250 x _____ # acres disturbed	
	Review of Runoff Quantity Calculations	+ \$250 x _____ # acres disturbed	
	Review of Water Quality Calculations	+ \$250 x _____ # acres impervious surface	
	Total	Stormwater Review Fee	

	Highlands Authorizations*	Fee Amount	Fee Paid
<input type="checkbox"/>	Pre-application Meeting	\$500.00	
<input type="checkbox"/>	Resource Area Determination Boundary Delineation < one acre	\$500.00	
<input type="checkbox"/>	Resource Area Footprint of Disturbance	\$500 + (\$50 x _____ # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Verification (> one acre)	\$750 + (\$100 x _____ # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Extension	0.25 x _____ original fee (Minimum \$250)	
<input type="checkbox"/>	Preservation Area Approval (PAA)		
<input type="checkbox"/>	PAA with Waiver (Specify type below)		
	Waiver Type:		
<input type="checkbox"/>	HPAAGP 1/Habitat Creation/Enhance	No Fee	No Fee
<input type="checkbox"/>	HPAAGP 2 Bank Stabilization	\$500	
<input type="checkbox"/>	HPAA Extension	\$1,000	

\*Highlands Applicability Determinations (HAD Exemptions) use a different form available at [www.nj.gov/dep/landuse/forms.html](http://www.nj.gov/dep/landuse/forms.html)

TOTAL FEE:	\$9,000.00
CHECK NUMBER:	

APPLICANT NAME: Katharine Perry

FILE # (if known): \_\_\_\_\_

## APPLICATION FORM - APPENDIX I

**Section 1:** Please provide the following information for the overall project site. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres).

<u>PROPOSED:</u>	<u>PRESERVED</u>	<u>UNDISTURBED</u>	<u>DISTURBED</u>
<i>RIPARIAN ZONE</i>	_____	_____	_____
<i>CZMRA FORESTED</i> <i>(CZMRA IP – Only)</i>	_____	_____	_____
<i>E &amp; THABITAT</i> <i>Endangered and/or Threatened</i>	_____	_____	_____
<i>FRESHWATER WETLANDS</i>	_____	_____	_____

**Section 2:** Please provide the following information for each permit/authorization requested pursuant to the Freshwater Wetlands Protection Act. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres). Use additional sheets if necessary

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
_____	_____	_____

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
<i>FILLED</i>	_____	_____	_____
<i>EXCAVATED</i>	_____	_____	_____
<i>CLEARED</i>	_____	_____	_____
<i>TEMPORARY DISTURBANCE</i>	_____	_____	_____

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
_____	_____	_____

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
<i>FILLED</i>	_____	_____	_____
<i>EXCAVATED</i>	_____	_____	_____
<i>CLEARED</i>	_____	_____	_____
<i>TEMPORARY DISTURBANCE</i>	_____	_____	_____





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Phone #: (609) 777-0454 Web: [www.nj.gov/dep/landuse](http://www.nj.gov/dep/landuse)



Please print legibly or type the following: Complete all sections and pages unless otherwise noted.

<input type="checkbox"/> Initial Application <input type="checkbox"/> Response to DLUR Deficiency <input type="checkbox"/> Extension <input checked="" type="checkbox"/> <b>Modification</b>		Is this project a NJDOT Priority 2 Repair Project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
1. <b>Applicant Name:</b> Mr./Ms./Mrs. <u>Ocean Wind by its agent, Katharine Perry, Authorized Person</u>		E-Mail: <u>Kaper@orsted.com</u>	
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Firm Name: <u>HDR Engineering, Inc</u>		Daytime Phone: <u>201-335-9341</u> Ext. _____	
Address: <u>50 Tice Boulevard, Suite 210</u>		Zip Code <u>07677</u> Cell Phone: <u>845-570-7890</u>	
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Address: <u>Multiple- see attached</u>		Daytime Phone: <u>Multiple- see attached</u> Ext. _____	
City/State: <u>Multiple- see attached</u>		Zip Code _____ Cell Phone: _____	
<b>Project Name:</b> <u>Ocean Wind 1 Offshore Wind Farm Project</u>		Address/Location: <u>Multiple- see attached</u>	
Municipality: <u>Multiple- see attached</u>		County: <u>Multiple- see attached</u> Zip Code <u>Multiple- see attached</u>	
Block(s): <u>Multiple- see attached</u>		Lot(s): <u>Multiple- see attached</u>	
N.A.D. 1983 State Plane Coordinates (feet) E(x): <u>Multiple- see attached</u> N(y): _____		Not Longitude/Latitude	
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Provide if applicable: Previous LUR File # (s): <u>0000-21-0008.2 LUP220001, 0000-21-0008.2 LUP230001, 0000-21-0008.2 LUP220004,</u>		Waiver request ID # (s): _____	

**A. SIGNATURE OF APPLICANT (required):**

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Ocean Wind 1 Permit Manager, Authorized Signatory

Position/Title (If not individual property owner)

Date

Katharine Perry

Print Name

Signature of Applicant

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Environmental Scientist

Occupation/Profession of Agent

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Name of Firm

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Signature

Katherine L. Hering, P.E., P.P., C.M.E.

Print Name

Senior Civil Engineer, E2 Project Management, LLC

Position & Name of Firm

NJPE 24GE004226900

6/22/2023

Professional License #

Date

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David Brizzolara, PWS

Print Name

Regulatory Specialist, HDR Engineering

Position & Name of Firm

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<input type="checkbox"/>	Minor Technical Modification of a Waterfront IP	\$500 x _____ # of items to be revised	
<input type="checkbox"/>	Major Technical Modification of a Coastal Wetland Permit	0.30 x _____ original fee = Fee (Minimum \$500)	
<input checked="" type="checkbox"/>	Major Technical Modification of a CAFRA IP	0.30 x \$30,000 original fee = Fee (Minimum \$500)	\$9,000.00
<input type="checkbox"/>	Major Technical Modification of a Waterfront IP	0.30 x _____ original fee = Fee (Minimum \$500)	
<input type="checkbox"/>	Zane Letter (Waterfront Development Exemption)	\$500	
<input type="checkbox"/>	CAFRA Exemption Request	\$500	
<input type="checkbox"/>	CZM General Permit Extension	\$240 x _____ # of GPs to be extended	
<input type="checkbox"/>	Waterfront Development Individual Permit – Extension (Waterward of MHWL)	0.25 x _____ original fee = Fee (Maximum \$3,000)	
<input type="checkbox"/>	Meadowlands District Water Quality Certificate	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
<input type="checkbox"/>	Individual Permit Equivalency/CERCLA	No Fee	

	Consistency Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Water Quality Certificate (NOTE: No fee required under the coastal program when reviewed in conjunction with a WFD permit)	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
<input type="checkbox"/>	Federal Consistency	No Fee	

	Applicability Determinations	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Flood Hazard Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Highlands Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Executive Order 215	No Fee	No Fee

	Letter of Interpretation	Fee Amount	Fee Paid
<input type="checkbox"/>	LOI Presence Absence	\$1,000.00	
<input type="checkbox"/>	LOI Footprint of Disturbance (3 Maximum)	\$1,000.00 each	
<input type="checkbox"/>	LOI Delineation < 1.00 Acres	\$1,000.00	
<input type="checkbox"/>	LOI Verification	\$1,000 + (\$100 x _____ # of acres of the site)	
<input type="checkbox"/>	LOI Partial Site Verification	\$1,000 + (\$100 x _____ # of acres of the site subject to LOI)	
<input type="checkbox"/>	LOI Extension Presence/Absence, Footprint, Delineation < 1 acre (Re-Issuance)	\$500	
<input type="checkbox"/>	LOI Extension Line Verification (Re-Issuance)	0.50 x _____ original fee (Minimum \$500)	

	Freshwater Wetlands Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	FWGP Administrative Modification	No fee	
<input type="checkbox"/>	FWGP Minor technical modification	\$500.00	
<input type="checkbox"/>	FWGP Major technical modification	\$500.00	
<input type="checkbox"/>	Individual Permit Administrative Modification	No Fee	
<input type="checkbox"/>	Individual Permit Minor Technical Modification	\$500.00	
<input type="checkbox"/>	Individual Permit Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	TAW Administrative Modification	No Fee	
<input type="checkbox"/>	TAW Minor Technical Modification	\$500.00	
<input type="checkbox"/>	TAW Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FWGP Extension	\$500 x _____ # of items to be extended	
<input type="checkbox"/>	Individual Permit/Open Water Permit Extension	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	TAW Extension	\$500 x _____ # of items to be extended	
<input type="checkbox"/>	Freshwater Wetlands Exemption	\$500.00	
<input type="checkbox"/>	TAW Exemption	\$500.00	
<input type="checkbox"/>	Permit Equivalency/CERCLA	No Fee	



APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Flood Hazard Area Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA GP Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA GP Minor technical modification	\$500 x ____ # of project elements to be revised	
<input type="checkbox"/>	FHA GP Major technical modification	0.30 x ____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Individual Permit Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Individual Permit Minor Technical Modification	\$500 x ____ # of project elements to be revised	
<input type="checkbox"/>	FHA Individual Permit Major Technical Modification	0.30 x ____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Verification Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Verification Minor Technical Modification	\$500 x ____ # of project elements to be revised	
<input type="checkbox"/>	FHA Verification Major Technical Modification	0.30 x ____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA GP Extension	\$240	
<input type="checkbox"/>	FHA Individual Permit Extension	0.25 x ____ original fee	
<input type="checkbox"/>	FHA Verification Extension of Methods 1, 2, 3, 5, or Riparian Zone Only	\$240	
<input type="checkbox"/>	FHA Verification Extension of Methods 4 or 6	0.25 x ____ original fee	
<input type="checkbox"/>	FHA Individual Permit Equivalency/CERCLA	No Fee	No Fee

**NOTE:** Flood Hazard verifications may be submitted via a paper application **ONLY** when not submitted in conjunction with any permit/authorization required to be submitted electronically.

	Flood Hazard Area Verifications	Fee Amount	Fee Paid
<input type="checkbox"/>	Verification-Delineation of Riparian Zone Only	\$1,000	
<input type="checkbox"/>	Verification-Method 1 (DEP Delineation) *	\$1,000	
<input type="checkbox"/>	Verification-Method 2 (FEMA Tidal Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 3 (FEMA Fluvial Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 4 (FEMA Hydraulic Method)	\$4,000 + (\$400 x per 100 linear feet)	
<input type="checkbox"/>	Verification-Method 5 (Approximation Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 6 (Calculation Method)	\$4,000+(\$400 x per 100 linear feet)	

\*Fee not applicable to (1) SFH

	Stormwater Review Fee (Maximum Fee = \$20,000)	Fee Amount	Fee Paid
<input type="checkbox"/>	Stormwater Review ( Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
	Review of Groundwater Calculations	+ \$250 x ____ # acres disturbed	
	Review of Runoff Quantity Calculations	+ \$250 x ____ # acres disturbed	
	Review of Water Quality Calculations	+ \$250 x ____ # acres impervious surface	
	Total	Stormwater Review Fee	

	Highlands Authorizations*	Fee Amount	Fee Paid
<input type="checkbox"/>	Pre-application Meeting	\$500.00	
<input type="checkbox"/>	Resource Area Determination Boundary Delineation < one acre	\$500.00	
<input type="checkbox"/>	Resource Area Footprint of Disturbance	\$500 + (\$50 x ____ # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Verification (> one acre)	\$750 + (\$100 x ____ # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Extension	0.25 x ____ original fee (Minimum \$250)	
<input type="checkbox"/>	Preservation Area Approval (PAA)		
<input type="checkbox"/>	PAA with Waiver (Specify type below)		
	Waiver Type:		
<input type="checkbox"/>	HPAAGP 1/ Habitat Creation/Enhance	No Fee	No Fee
<input type="checkbox"/>	HPAAGP 2 Bank Stabilization	\$500	
<input type="checkbox"/>	HPAA Extension	\$1,000	

\*Highlands Applicability Determinations (HAD Exemptions) use a different form available at [www.nj.gov/dep/landuse/forms.html](http://www.nj.gov/dep/landuse/forms.html)

TOTAL FEE:	\$9,000.00
CHECK NUMBER:	

APPLICANT NAME: Katharine Perry

FILE # (if known): \_\_\_\_\_

## APPLICATION FORM - APPENDIX I

**Section 1:** Please provide the following information for the overall project site. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres).

<u>PROPOSED:</u>	<u>PRESERVED</u>	<u>UNDISTURBED</u>	<u>DISTURBED</u>
RIPARIAN ZONE	_____	_____	_____
CZMRA FORESTED (CZMRA IP – Only)	_____	_____	_____
E & THABITAT Endangered and/or Threatened	_____	_____	_____
FRESHWATER WETLANDS	_____	_____	_____

**Section 2:** Please provide the following information for each permit/authorization requested pursuant to the Freshwater Wetlands Protection Act. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres). Use additional sheets if necessary

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>	
<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>	
<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	_____	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____



NJ Department of Environmental Protection  
Division of Land Use Regulation  
501 East State Street  
2nd Floor Trenton,  
New Jersey, 08609  
Attn: Janet Stewart

JUL 17 2023 PM12:06  
LAND\_USE

**Subject: Major Technical Modification to Ocean Wind 1 Offshore Windfarm Project  
Land Resource Protection Coastal Area Facility Review Act Permit (File No.  
0000-21-0008.2 Ocean Wind 1 LUP220001).**

12 July 2023

Dear Ms. Stewart,

Ocean Wind, LLC (Ocean Wind) proposes to construct and operate the Ocean Wind 1 Offshore Wind Farm (OCW01, Offshore Wind Farm, or Project) pursuant to the Bureau of Ocean Energy Management (BOEM) requirements for the Ocean Wind BOEM Lease Area OCS-A 0498 Commercial Lease of Submerged Lands for Renewable Energy Development on the Outer Continental Shelf (Lease).

Ocean Wind 1 submitted applications for an In-water Waterfront Development, Wetlands Act of 1970, Coastal Area Facilities Review Act (CAFRA), Flood Hazard Control Act and Freshwater Wetlands Protection Act Individual Permit on August 3, 2022. The application (0000-21-0008.2 Ocean Wind 1 LUP220001, LUP230001) was deemed administratively complete on September 21, 2022. On April 27, 2023, NJDEP issued all of the aforementioned Land Resource Protection Plan approvals.

At this time, Ocean Wind 1 is requesting a modification of the CAFRA permit (LUP220001). Specifically, to reflect the following:

BL England

- Revisions to the onshore export cable installation method from traditional open cut and cover installation to jack and bore construction under the rail lines on the approach to the BL England substation at two locations, resulting in a reduction of surface impacts (see revised sheets 20 and 21 of the BL England drawings included in Attachment 2).

Oyster Creek

- Addition of a temporary laydown area on the Holtec property east of Route 9 (Attachment 2, Sheet 5); and
- Addition of two temporary laydown areas adjacent to the interconnection cable from the Oyster Creek substation to the point of interconnection with the existing grid and a minor shift in the cable alignment (Attachment 2, Sheets 14 and 14B).

The following are included as attachments to this submission:

- Attachment 1 – NJDEP Forms
- Attachment 2 – Revised Plans
- Attachment 3 – NJDEP Approved Coastal Area Facility Review Act Permit
- Attachment 4 – Figures
- Attachment 5 – Photolog
- Attachment 6 – Public Notification
- Attachment 7 – Certified Mailing Receipts to Municipalities

### BL England Onshore Export Cable Installation Method Change

The current permit includes installation of the onshore export cable at the railroad crossing adjacent to the BL England substation using traditional cut and cover techniques. As part of this permit modification memo, OCW01 now proposes to install the onshore cable using jack and bore installation at two locations in this area to avoid impacts to the rail lines. Installation will occur within the previously permitted workspace and will not result in additional impacts as compared to the permitted installation method (i.e., traditional cut and cover). The first proposed jack and bore entry pit will be 10 ft wide by 40 ft long and 17 ft deep and will be located within upland field on the east side of the railroad lines. The receiving pit on the west side of the rail lines will be 10 ft wide by 15 ft long and 19 ft deep and is located within the existing substation footprint in the remediated former coal pile area. A 36-inch pipe 155.5 ft long will be installed between the pits to accommodate the cable, and the cable will be pulled through the pipe. A second jack and bore location is proposed to the northwest. The entry pit for the jack and bore will be 20 ft wide by 40 ft long and 17 ft deep. The receiving pit on the west side of the rail lines will be 20 ft wide by 30 ft long and 17 ft deep. A 36-inch pipe 161.3 ft long will be installed between the pits. Impacts to upland field habitat and the associated ecological community have been previously accounted for in the original application and existing permit. While excavation for the jack and bore pits is deeper than work originally anticipated, the area has been previously disturbed and impacts to buried archaeological layers are not anticipated. However, cultural resource monitoring will occur during construction and OCW01 will follow the post-review discoveries plan if resources are encountered. The revised installation method is depicted on revised sheet 20 and 21 of the BL England drawings included in Attachment 2.

### Oyster Creek

#### Additional laydown area on the Holtec property:

Ocean Wind 1 is proposing an additional temporary laydown yard on the Holtec property east of Route 9. The laydown area is approximately 0.45 acre and is predominantly an existing paved area (0.34 acre) adjacent to the permitted ROW (Attachment 2, Sheet 5). While the Project will require clearing of a few trees and shrubs at the laydown area on the Holtec property and will use a small area of upland field which will result in impacts to vegetation, impacts have been minimized by siting the proposed laydown yard within an existing paved adjacent to the permitted ROW. Timber matting or stone over fabric may be used at the temporary laydown yard to provide stability or protection from heavy machinery. The mats/gravel and fabric will be removed during restoration. While ground disturbance is not anticipated, the laydown area has