

**EMPIRE WIND 1 PROJECT**  
**ARTICLE VII PROJECT TERMINOLOGY**

Terminology	Description
Applicant	Empire Offshore Wind LLC.
cable	A cable consists of one or more cores, plus additional insulation, waterproofing, sheathing, and armor.
cable anchoring corridor	The area in which a submarine export cable installation vessel may anchor in support of installation activities in New York State waters.
cable route	The linear path/alignment of the cable corridor from the offshore substation in the Lease Area to the Point of Interconnection (POI), which may include multiple circuits.
cable system	The installed infrastructure including cables, safety markers, fiber optics, jointing pits, ducts and any other material other than natural soils and vegetation surrounding the underground cables.
circuit	A single alternating current circuit is typically composed of three electrical phases, with each phase electrically offset from the others by 120° to make the complete circuit. A circuit may consist of a bundled three-core cable or three single-core cables.
conductor	The metal (typically copper or aluminum) element through which the electrical power is transmitted.
Consolidated Edison Company of New York, Inc. (ConEdison)	The utility that owns the Gowanus 345-kV Substation.
Construction and Operations Plan (COP)	The Construction and Operations Plan for the Equinor Wind Lease Area OCS-A 0512 Offshore Wind Project filed with the Bureau of Ocean Energy Management (BOEM) on January 10, 2020, and any revisions thereto.
core	A core consists of a single conductor and the components that surround it, which typically includes insulation and protective sheathing.
Empire Wind 1 (EW 1) Project	The first of two separate offshore wind projects to be located within the BOEM-designated Renewable Energy Lease Area OCS-A 0512 (Lease Area). The EW 1 Project will be considered a single wind farm dedicated to the POI at the Gowanus 345-kV Substation.
EW 1 onshore export cable	The portion of the submarine export cable that is located onshore between the cable landfall and the onshore substation associated with EW 1. Due to the short distance between the landfall and the onshore substation, the EW 1 onshore export cables are proposed to be pulled directly to the cable terminations or to a vault within the onshore substation, without a joint or transition splice.
interconnection cables	High voltage alternating current (HVAC) onshore cables connecting the onshore substation to the POI.
landfall (cable landfall)	Area where the submarine export cables are brought onshore.

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Lease	Commercial Lease of Submerged Lands for Renewable Energy Development on the Outer Continental Shelf (OCS-A 0512).
Lease Area	BOEM-designated Renewable Energy Lease Area OCS-A 0512.
life span or Project life span	Construction, commissioning, operation and decommissioning. The commercial lifespan of the Project is expected to be 35 years, based on the design life of the Project components. Consistent with BOEM's regulations and applicable guidance, Empire intends to pursue a 35-year Operations Terms for the Project at the appropriate time.
NY Independent System Operator, Inc. (NYISO)	The transmission provider in the New York Control Area.
offshore electrical system	The offshore electrical system includes each individual wind turbine generator, the interarray cables, the offshore substation, and the submarine export cables.
onshore cable route	The cable route from the landfall location to the POI, which includes both onshore export cables to the onshore substation, and onshore interconnection cables from the onshore substation to the POI.
onshore cable corridor	The corridor that will contain the onshore cable infrastructure and the additional area required for installation of the onshore cables.
onshore substation	The buildings and equipment proposed at the South Brooklyn Marine Terminal, where power will be transformed to the appropriate voltage in order to connect to the existing transmission system at the POI.
point of interconnection (POI)	Location where the EW 1 Project interconnects into the New York State Transmission System operated by the NYISO at ConEdison's Gowanus 345-kV Substation in Brooklyn, New York.
Project	The portion of the Empire Wind 1 Project within New York State jurisdictional boundaries and subject to Article VII of the New York Public Service Law.
Project Area	The area associated with the Project, including the submarine export cable corridor, onshore cable corridor and onshore substation facilities within New York State jurisdiction.
South Brooklyn Marine Terminal (SBMT)	A waterfront parcel owned by the City of New York where the proposed cable landfall, the onshore substation and a portion of the onshore cable route will be located.
Submarine export cable corridor or submarine export cable siting corridor	The area in which the submarine export cables could be installed.
Sustainable South Brooklyn Marine Terminal (SSBMT)	The entity that will be the lessor for Empire Offshore Wind at SBMT, that leases SBMT from the New York City Economic Development Corporation.
submarine export cables	The cables that transfer power from the offshore substation to the cable landfall.