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MASS
USA

VINEYARD WIND

Draft Construction and Operations Plan

Volume I

Vineyard Wind Project

September 30, 2020

Submitted by

Vineyard Wind LLC
700 Pleasant Street, Suite 510
New Bedford, Massachusetts 02740

Submitted to

Bureau of Ocean Energy Management
45600 Woodland Road
Sterling, Virginia 20166

Prepared by

Epsilon Associates, Inc.
3 Mill & Main Place, Suite 250
Maynard, Massachusetts 01754

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EPSILON ASSOCIATES, INC.
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In Association with:

Baird & Associates	JASCO Applied Sciences
Biodiversity Research Institute	Morgan, Lewis & Bockius LLP
C2Wind	Public Archaeology Laboratory, Inc.
Capitol Air Space Group	RPS
Clarendon Hill Consulting	Saratoga Associates
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Foley Hoag	Wood Thilsted Partners Ltd
Geo SubSea LLC	WSP
Gray & Pape	

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LIST OF ACRONYMS

AC	Alternating current
AR	Avangrid Renewables
BOEM	Bureau of Ocean Energy Management
Call	Call for Information and Nominations
CBP	County Business Patterns
CCC	Cape Cod Commission
CBA	Community Benefit Agreement
CFR	Code of Federal Regulations
CIP	Copenhagen Infrastructure Partners
CO ₂	Carbon Dioxide
COP	Construction and Operations Plan
CSV	Construction support vessel
CTV	Crew Transfer Vessel
CVA	Certified Verification Agent
cy	Cubic yard
DP	Dynamically positioned
DPW	Department of Public Works
EA	Environmental Assessment
ECC	Export Cable Corridor
EEA	Executive Office of Energy and Environmental Affairs
eGRID	Environmental Protection Agency's Emissions & Generation Resource Integrated Database
ENF	Environmental Notification Form
EPA	Environmental Protection Agency
ERP	Emergency Response Plan
ESP	Electrical service platform
FAA	Federal Aviation Administration
FDR	Facilities Design Report
FIR	Fabrication and Installation Report
FONSI	Finding of No Significant Impact
ft	feet
gal	gallons
G.L.	General Law
HDD	Horizontal directional drilling
HSE	Health, Safety and Environment
HVAC	Heating Ventilation and Air Condition
IEC	International Electrotechnical Commission
IHA	Incidental Harassment Authorization
IMCA	International Marine Contractors Association
IMO	International Maritime Organization

LIST OF ACRONYMS (CONTINUED)

kJ	kilojoules
km ²	Square kilometers
kV	kilovolt
L	liters
LOA	Letter of Authorization
m	meters
MA	Massachusetts
MA CZM	Massachusetts Coastal Zone Management
MA DEP	Massachusetts Department of Environmental Protection
MA DMF	Massachusetts Division of Marine Fisheries
MA EFSB	Massachusetts Energy Facility Siting Board
MA WEA	Massachusetts Wind Energy Area
MassCEC	Massachusetts Clean Energy Center
MEPA	Massachusetts Environmental Policy Act
MLLW	Mean Lower Low Water
mm ²	Square millimeters
MP	monopile
MSD	Marine sanitization device
MW	megawatt
nm	Nautical miles
NMFS	National Marine Fisheries Service
NO _x	Nitrogen Oxide
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance Facilities
OCS	outer continental shelf
OECC	Offshore Export Cable Corridor
OEM	Original Equipment Manufacturers
OSRP	Oil Spill Response Plan
RFI	Request for Interest
RI	Rhode Island
RNA	Rotor Nacelle Assembly
ROTV	Remotely operated towed vehicle
ROV	Remotely operated vehicle
RSD	ripple scour depressions
SAP	Site Assessment Plan
SCADA	supervisory control and data acquisition
SMS	Safety Management System
SO ₂	Sulfur dioxides

LIST OF ACRONYMS (CONTINUED)

SOV	Service Operations Vessel
TBD	To be determined
TBF	To be filed
THPO	Tribal Historic Preservation Officer
TP	Transition piece
tpy	Tons per year
TSHD	Trailing suction hopper dredge
US	United States
USCG	United States Coast Guard
USFWS	United States Fish & Wildlife Service
WDA	Wind Development Area
WEA	Wind Energy Area
WTG	wind turbine generator