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HubLine/East to West Project Draft Environmental Impact Statement

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ACRONYMS AND ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/100 cm ²	micrograms per 100 square centimeters
AC	alternating current
ACEC	Area of Critical Environmental Concern
ACEC Program	Areas of Critical Environmental Concern Program
ACHP	Advisory Council on Historic Preservation
Agreement	Agreement on Conveyancing, Permitting, and Mitigation
Algonquin	Algonquin Gas Transmission, LLC
APAs	Aquifer Protection Areas
APE	area of potential effect
API	American Petroleum Institute
Article 97	Amendment Article 97
BA	Biological Assessment
bcf/d	billion cubic feet per day
BLSF	Bordering Land Subject to Flooding
BO	Biological Opinion
BVW	Bordering Vegetated Wetlands
CAA	Clean Air Act
CEEF	Connecticut Energy Efficiency Fund
Centre	Irish Cultural Centre of New England
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
Certificate Establishing an SRP	Certificate of the Secretary of Environmental Affairs Establishing a Special Review Procedure
Certificate on the ENF	Certificate of the Secretary of Environmental Affairs on the ENF
CFR	Code of Federal Regulations
CGS	Connecticut General Statute
CL&P	Connecticut Light and Power
CMR	Code of Massachusetts Regulations
CO ₂	carbon dioxide
COE	U.S. Army Corps of Engineers
Commission	Federal Energy Regulatory Commission
CTDEP	Connecticut Department of Environmental Protection
CTDPH	Connecticut Department of Public Health
CTIFD	Connecticut Inland Fisheries Department
CTNDBB	Connecticut Natural Diversity Data Base
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
DOER	Massachusetts Division of Energy Resources
DOT	U.S. Department of Transportation
DPA	Designated Port Areas

ACRONYMS AND ABBREVIATIONS (cont'd)

dth/d	dekatherms per day
E&SCP	Erosion and Sedimentation Control Plan
E2W Project	HubLine/East to West Project
EFH	Essential Fish Habitat
EH 714	Estimated Habitat 714
EI	environmental inspector
EIA	Energy Information Administration
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ENF	Environmental Notification Form
EPA	U.S. Environmental Protection Agency
EPAAct	Energy Policy Act of 2005
ESA	Endangered Species Act of 1973
ESD	emergency shutdown
FERC	Federal Energy Regulatory Commission
FERC Plan	FERC's Upland Erosion Control, Revegetation, and Maintenance Plan
FERC Procedures	FERC's Wetland and Waterbody Construction and Mitigation Procedures
Fish Runs	Land Under Rivers that Underlie Anadromous/Catadromous Fish Runs
FSC	Fishery of Special Concern
FWS	U.S. Fish and Wildlife Service
GHG	greenhouse gas
GIS	geographic information systems
gpm	gallons per minute
HDD	horizontal directional drill
HEL	highly erodible land
hp	horsepower
ILSF	Isolated Land Subject to Flooding
ISO	International Standard Operations
IVW	Isolated Vegetated Wetlands
kV	kilovolt
LCS	Land Containing Shellfish
LNG	liquefied natural gas
LUO	Land Under the Ocean
LUW	Land Under Waterbodies and Waterways
M&NE	Maritimes and Northeast Pipeline System
M.G.L.	Massachusetts General Law
MAOP	maximum allowable operating pressure
MassCZM	Massachusetts Office of Coastal Zone Management
MassDCR	Massachusetts Department of Conservation and Recreation
MassDEP	Massachusetts Department of Environmental Protection
MassDFW	Massachusetts Division of Fisheries
MassDMF	Massachusetts Division of Marine Fisheries

ACRONYMS AND ABBREVIATIONS (cont'd)

MassDPU	Massachusetts Department of Public Utilities, Siting Division
MassGIS	Massachusetts Geographic Information System
MassNHESP	Massachusetts Natural Heritage and Endangered Species Program
MCP	Massachusetts Contingency Plan
MEEA	Massachusetts Executive Office of Energy and Environmental Affairs
MEFSB	Massachusetts Energy Facility Siting Board
MEPA	Massachusetts Environmental Policy Act
MESA	Massachusetts Endangered Species Act
MHC	Massachusetts Historical Commission
MINES	Mines Master Index File
MLRA	Major Land Resource Area
MMI	Modified Mercalli Intensity
MOA	Memorandum of Agreement
MP	milepost
MSA	Magnuson-Stevens Fishery Conservation and Management Act
msl	mean sea level
MW	megawatt
MWPA	Massachusetts Wetlands Protection Act
NEI	Nuclear Energy Institute
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Policy Act
NGA	Natural Gas Act
NHPA	National Historic Preservation Act
NOAA Fisheries	U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service
NOI	<i>Notice of Intent to Prepare an Environmental Impact Statement for the Proposed East to West HubLine Expansion Project, Request for Comments on Environmental Issues, and Notice of Public Scoping Meetings</i>
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Nationwide Rivers Inventory
NSA	noise-sensitive area
NSTAR	NSTAR Electric Company
NWI	National Wetlands Inventory
OEP	Office of Energy Projects
OPP	over-pressure protection
ORV	off-road vehicle
ORW	Outstanding Resource Water
OSA	Connecticut Office of the State Archaeologist

ACRONYMS AND ABBREVIATIONS (cont'd)

OSHA	U.S. Department of Labor, Occupational Safety and Health Administration
PCBs	polychlorinated biphenyls
PEM	palustrine emergent wetland
PFO	palustrine forested wetland
PGA	peak ground acceleration
PH 296	Priority Habitat 296
PH 76/EH 760	Priority Habitat 76/Estimated Habitat 760
PH 800	Priority Habitat 800
PHEL	potentially highly erodible land
PPA	Potentially Productive Aquifer
ppt	parts per thousand
Pre-Filing Process	pre-filing environmental review process
Project	HubLine/East to West Expansion Project
psig	pounds per square inch gauge
PSS	palustrine scrub-shrub wetland
PVC	polyvinyl chloride
RFA	Riverfront Area
Secretary	Secretary of the Commission
SHPO	State Historic Preservation Office
Solar	Solar Turbines, Inc.
SO _x	sulfur oxides
SPCC Plan	Spill Prevention, Control, and Countermeasures Plan
SSURGO	Soil Survey Geographic
Supplemental NOI	<i>Supplemental Notice of Intent to Prepare an Environmental Impact Statement for the Proposed East to West HubLine Expansion Project and Request for Comments on Environmental Issues Related to an Alternative Pipeline Route Under Consideration</i>
TGPL	Tennessee Gas Pipeline System
THPO	Tribal Historic Preservation Officer
TMDL	total maximum daily load
TWC	TW Conroy 5 LLC
UI	United Illuminating Company
Unanticipated Discoveries Procedures	<i>Procedures Guiding the Discovery of Unanticipated Cultural Resources and Human Remains</i>
URAM Plan	Utility-Related Abatement Measure Plan
USC	United States Code
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
WPAs	Wellhead Protection Areas