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Floridian Natural Gas Storage Project Draft Environmental Impact Statement

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ACRONYMS AND ABBREVIATIONS

°F	Degrees Fahrenheit
µg/m ³	Micrograms per cubic meters
ACHP	Advisory Council on Historic Preservation
APE	Area of Potential Effect
AQCR	Air Quality Control Region
ASME	American Society of Mechanical Engineers
BACT	Best Available Control Technology
Bcf	Billion cubic feet
BOG	Boil-off gas
Btu	British thermal units
Btu/ft ² -hr	British thermal units per square foot per hour
CAA	Clean Air Act
CCD	Census County Division
CDP	Census Designated Place
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
CFA	Core foraging area
CFR	Code of Federal Regulations
CO	Carbon monoxide
CO ₂	carbon dioxide
CO _{2-e}	carbon dioxide equivalents
COE	U.S. Army Corps of Engineers
Commission	Federal Energy Regulatory Commission
CZMA	Coastal Zone Management Act
dBA	Decibels on the A-weighted scale
DCS	Distributed Control System
DE	Design Earthquake
DEGADIS	Dense gas dispersion model
DOT	U.S. Department of Transportation
DOT-OPS	U.S. Department of Transportation Office of Pipeline Safety
E	Endangered species
EI	Environmental Inspector
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ERP	Environmental Review Permit
ESA	Endangered Species Act of 1973
ESD	Emergency Shutdown
FCMP	Florida Coastal Management Program
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FDS	Fire Dynamics Simulation
FEED	Front-end Engineering Design
FERC	Federal Energy Regulatory Commission
FFWCC	Florida Fish and Wildlife Conservation Commission
FGS	Florida Gas Storage

FGT	Florida Gas Transmission
FLUCFCS	Florida Land Use, Cover, and Farms Classification System
FPL	Florida Power & Light Company
fps	Feet per second
FWS	U.S. Fish and Wildlife Service
GHGs	Greenhouse gases
gpm	Gallons per minute
HAPs	Hazardous air pollutants
HCA	High Consequence Area
hp	horsepower
L _{Aeq}	Average equivalent sound level (hourly)
L _d	Day sound level
L _{dn}	Day-night sound level
L _{eq(24)}	24-hour equivalent sound level
L _n	Night sound level
LNG	Liquefied natural gas
M&R	Metering and regulation
m ³	Cubic meters
MCE	Maximum Considered Earthquake
MMBtu/hr	Million British thermal units per hour
MMscfd	Million standard cubic feet per day
MP	Milepost
mph	Miles per hour
MR	mixed refrigerant
MW	Megawatt
n/a	Not applicable
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act of 1969
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NGL	Natural gas liquids
NGVD	National Geodetic Vertical Datum
NHPA	National Historic Places Act of 1966
NO ₂	Nitrogen dioxide
NOI	Notice of Intent
NO _x	Nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NSA	Noise Sensitive Area
NSPS	New Source Performance Standards
O ₃	Ozone
OBE	Operating Basis Earthquake
OEP	Office of Energy Projects
PAMP	Preserve Area Management Plan
PCBs	Polychlorinated biphenyls
PHMSA	Pipeline and Hazardous Materials Safety Administration

Plan	Upland Erosion Control, Revegetation, and Maintenance Plan
PM	Particulate matter
PM ₁₀	Particulate matter less than 10 microns in diameter
PM _{2.5}	Particulate matter less than 2.5 microns in diameter
ppm	Parts per million
Procedures	Wetland and Waterbody Construction and Mitigation Procedures
PSD	Prevention of Significant Deterioration
psig	Pounds per square inch gauge
PVC	Polyvinyl Chloride
ROW	Right-of-way
RPT	Rapid phase transition
S/A	Similarity of Appearance
SC	Species of Concern
SFWMD	South Florida Water Management District
SHPO	State Historic Preservation Office or Officer
SIS	Safe Instrument System
SO ₂	Sulfur dioxide
SPCC	Spill Prevention, Control and Countermeasure
SR	State Route
SSE	Safe Shutdown Earthquake
SVA	Security Vulnerability Assessment
SWPP	Stormwater Pollution Prevention
THPO	Tribal Historic Preservation Officer
TNT	trinitrotoluene
tpy	Tons per year
USC	United States Code
USCG	U.S. Coast Guard
USGS	U.S. Geological Survey
VOCs	Volatile organic compounds
WEG	Water ethylene glycol