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KeySpan LNG Facility Upgrade Project
Final Environmental Impact Statement

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ACRONYMS AND ABBREVIATIONS

A.D. Little	Arthur D. Little, Inc.
ACEEE	American Council for an Energy Efficient Economy
ACHP	Advisory Council on Historic Preservation
Algonquin	Algonquin Gas Transmission L.L.C.
ALNG	Algonquin LNG, Inc.
API	American Petroleum Institute
ATWS	additional temporary workspace
BACT	Best Available Control Technology
Bcfd	billion cubic feet per day
BG LNG	BG LNG Services, L.L.C.
BOG	boil off gas
Btu	British thermal unit
Building Code Committee	State of Rhode Island and Providence Plantations, Department of Administration, Building Code Standards Committee
C	carbon
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAD	Confined Aquatic Disposal
CDF	controlled density fill
CEII	Critical Energy Information Infrastructure
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
CFR	Code of Federal Regulations
cfs	cubic feet per second
ChevronTexaco	ChevronTexaco Corporation
CIA	Massachusetts Commission on Indian Affairs
Class I	Mandatory Federal Class I
CO	carbon monoxide
CO_2	carbon dioxide
Coast Guard	U.S. Coast Guard
COE	U.S. Army Corps of Engineers
Commission	Federal Energy Regulatory Commission
Coordination Team	*Rhode Island Bays, Rivers and Watersheds Coordination Team*
CPT	cone penetrometer test
CRMC	Rhode Island Coastal Resources Management Council
CSO	Combined Sewer Overflow
CWA	Clean Water Act
CZMA	Coastal Zone Management Act of 1972
dBA	decibels of the A-weighted scale
DEGT	Duke Energy Gas Transmission
DEM	Rhode Island Department of Environmental Management
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
Dth/day	decatherms per day
EFH	Essential Fish Habitat
EFSB	Rhode Island Energy Facility Siting Board
EIA	Energy Information Administration
EIR	Environmental Impact Report

EIS	Environmental Impact Statement
El Paso	El Paso Global LNG
Energy Bridge Project	El Paso Energy Bridge Gulf of Mexico L.L.C. Deepwater Port Project
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act of 1973
ESCP	Erosion and Sedimentation Control Plan
ESD	emergency shutdown
Excelerate	Excelerate Energy L.L.C.
F	Fahrenheit
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
FPC	Federal Power Commission
FSO	Facility Security Officer
FSRU	Floating, storage, and regasification unit
ft^2	square feet
ft^3	cubic feet
FWS	U.S. Fish and Wildlife Service
Gas Tanker Code	*International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk*
GBS	gravity-based structure
Governors Conference Report	New England Governors by the Power Planning Committee of the New England Governors' Conference, Inc.
gpm	gallons per minute
HAP	hazardous air pollutant
HCAs	high consequence areas
HDD	horizontal direction drill
IMO	International Maritime Organization
Iroquois	Iroquois Gas Transmission Company
KeySpan LNG	KeySpan LNG, L.P.
KeySpan LNG Project	KeySpan LNG Facility Upgrade Project
L_{day}	daytime sound level
L_{dn}	day-night sound level
$L_{eq(24)}$	24-hour equivalent sound level
LEP	Limited English Proficiency
LNAPL	light non-aqueous phase liquid
LNG	liquefied natural gas
L_{night}	nighttime sound level
LOI	Letter of Intent
LUST	Leaking Underground Storage Tank
M-2	*Heavy Industrial District*
m^3	cubic meters
MACT	Maximum Achievable Control Technology
Maritimes & Northeast	Maritimes & Northeast Pipeline, L.L.C.
MARSEC	Maritime Security
MCC	Motor Control Center
MCE	Maximum Considered Earthquake
MCP	Massachusetts Contingency Plan

Memorandum	Memorandum of Understanding on Natural Gas Transportation Facilities
mg/L	milligrams per liter
MHC	Massachusetts Historical Commission
MLLW	mean lower low water
MMcfd	million cubic feet per day
MMI	Modified Mercalli Intensity
MMS	Minerals Management Service
MNI	Moffatt & Nichol International
Motiva	Motiva Enterprises, L.L.C.
MP	milepost
MPAQCR	Metropolitan Providence Interstate Air Quality Control Region
MRI	Marine Research, Inc.
MSA	Magnuson-Stevens Fishery Conservation and Management Act
MSI	Marine Safety International
Museum Foundation	USS Saratoga Museum Foundation, Inc.
NAAQS	National Ambient Air Quality Standards
NBC	Narragansett Bay Commission
NE Report	New England Gas Infrastructure Report
NEGC	New England Gas Company
NEPA	National Environmental Policy Act
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NFPA 59A	Standards for the Production, Storage, and Handling of Liquefied Natural Gas
NGA	Natural Gas Act
NHPA	National Historic Preservation Act
NOA	*Notice of Availability of the Draft Environmental Impact Statement for the Proposed KeySpan LNG Facility Upgrade Project*
NOAA	National Oceanic and Atmospheric Administration
NOI	*Notice of Intent to Prepare an Environmental Impact Statement for the Proposed KeySpan LNG Facility Upgrade Project, Request for Comments on Environmental Issues, and Notice of Public Scoping Meeting*
NO_x	nitrogen oxides
NPC	National Petroleum Council
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NSA	noise sensitive area
NSPS	New Source Performance Standards
NSR	New Source Review
NWI	National Wetland Inventory
OCIMF	Oil Companies International Marine Forum
OCRM	Office of Coast and Ocean Resource Management
OCZM	Office of Coastal Zone Management
Parkway	Veterans Memorial Parkway
PCB	polychlorinated biphenyl
PGA	peak ground acceleration
PHMSA	Pipeline and Hazardous Materials Safety Administration
Planning Department	City of Providence Planning Department
PLEMs	pipeline end manifolds
$PM_{2.5}$	particular matter less than 2.5 microns in diameter

PM_{10}	particulate matter less than 10 microns in diameter
ppb	parts per billion
ppt	parts per thousand
ProvPort	Port of Providence or ProvPort, Inc.
PSD	Prevention of Significant Deterioration
psig	pounds per square inch gauge
PTE	potential to emit
PWR	Providence & Worcester Railroad
Quest	Quest Consultants, Inc.
RAWP	Remedial Action Work Plan
RICRMP	Rhode Island Coastal Resources Management Program
RIDOT	Rhode Island Department of Transportation
RIGIS	Rhode Island Geographic Information System
RIHPHC	Rhode Island Historic Preservation and Heritage Commission
RIPDES	Rhode Island Pollution Discharge Elimination System
RMP	risk management plan
RPT	rapid phase transition
Sasaki	Sasaki Associates, Inc
SERs	significant emission rates
SGMP	Soil and Groundwater Management Plan
SIGGTO	Society of International Gas Tanker and Terminal Operators
SIP	state implementation plan
SO_2	sulfur dioxide
SOLAS	*International Convention for the Safety of Life at Sea*
Somerset LNG	Somerset LNG, L.L.C.
SPCC Plan	Spill Prevention, Containment and Countermeasure Plan
SPT	standard penetration test
SVOC	semi-volatile organic compound
Tennessee Gas	Tennessee Gas Pipeline Company
TNT	trinitrotoluene
TPH	total petroleum hydrocarbons
tpy	tons per year
Tractabel	Tractabel LNG North America, L.L.C.
USC	United States Code
U.S. Generating	U.S. Generating New England, Inc.
USGS	U.S. Geological Survey
UV/IR	ultraviolet/infrared
VMP	Veterans Memorial Parkway
VOC	volatile organic compound
VOL	volatile organic liquid
W3	*Waterfront: Port/Maritime Industrial District*
Waterfront District	East Providence Waterfront Special Development District
Waterfront District Plan	East Providence Waterfront Special Development District Plan
WEG	water/ethylene-glycol
yd^3	cubic yards