

PUBLIC PARTICIPATION PLAN

Fields Point Liquefaction Project
December 2015

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I. INTRODUCTION

National Grid LNG LLC, (NG) is proposing to build a natural gas liquefaction facility at our existing liquefied natural gas (LNG) storage facility at Fields Point in Providence, Rhode Island. The proposed Fields Point Liquefaction Project (Project) will provide 20 million standard cubic feet per day (mmscfd) of liquefaction service. In June 2015 NG requested the initiation of the process for receiving Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC), the agency responsible for reviewing and authorizing interstate natural gas projects. Once filed, FERC will conduct a full review of the application and make its determination by balancing the Project's potential impacts against its proposed benefits. NG is using the FERC pre-filing application process to involve all stakeholders including government agencies, municipalities, non-government organizations, residents near the Project, community and neighborhood associations and the general public.

National Grid LNG LLC, a limited liability company organized under the laws of Delaware, is an indirect wholly-owned subsidiary of National Grid USA and has an office address of 40 Sylvan Road, Waltham MA 02451. National Grid LNG LLC is currently engaged in the business of owning and operating a peak shaving liquefied natural gas storage facility, subject to the jurisdiction of the Federal Energy Regulatory Commission.

NG is committed to educating and informing Project stakeholders, communities and the general public about the Project. This Public Participation Plan (Plan) was developed to ensure a strategic, responsive and effective outreach program which promotes Project awareness and understanding, is sensitive to community concerns and issues, ensures early, open and transparent two-way communications between NG and its Project stakeholders and communities, and establishes a clear process for communicating with the same through all phases of permitting and construction.

To ensure a strategic, responsive and effective outreach program, this Plan may be updated as necessary to include additional stakeholder input as outreach and public participation events occur throughout the permitting process.

This Plan utilizes established best practices of NG for project outreach as well as options detailed in the FERC supported document *Ideas for Better Stakeholder Involvement in the Interstate Natural Gas Pipeline Planning Pre-Filing Process*

II. PROJECT SUMMARY & NEED

NG proposes to install 20 mmscfd of liquefaction capacity at its liquefied natural gas storage facility in Providence, Rhode Island. This project would provide liquefaction services to NG's existing storage customers, thereby providing an alternative method of filling storage needs other than delivering liquefied natural gas to the site via tanker trucks. No change to the storage capacity, vaporization capacity or liquefied natural gas trucking capacity will occur as a result of this proposed project.

Liquefaction will be accomplished via a single train configuration, capable of producing 20 mmscfd of equivalent liquefied natural gas. The required cooling for the liquefaction process will be provided by a closed loop nitrogen refrigeration cycle, comprised of multiple stages of compression and expansion processes. At the heart of this cycle is an electric motor driven, multi-stage, centrifugal nitrogen recycle compressor rated at approximately 13,000 hp. Additional compression will be achieved by a nitrogen booster compressor(s) driven by the respective turbo-expander(s).

Auxiliary equipment associated with this project will include:

- A new electric service and associated electrical transformers,
- Electric motor driven feed gas booster compressor,
- A motor control center,

- Molecular sieve pre-treatment,
- Molecular sieve regeneration heater,
- Nitrogen storage, and
- An emergency generator for safety and control systems.

NG is locating the Project at the existing facility at Fields Point because of the site’s access to major highways, proximity to an existing gas pipeline, and adequate capacity within the existing storage tank and enough land to accommodate construction.

Schedule Milestones include:

Launch Stakeholder Outreach	February 2015
Begin FERC pre-filing process	June 2015
Conduct Public Open House(s)	August 13, 2015
File FERC 7(c) Application	February 2016
Requested date for FERC Order	September 2016
Begin Construction	November 2016
Project In-Service	November 2018

III. STAKEHOLDER OUTREACH AND PUBLIC PARTICIPATION

This Plan was developed to ensure an open, transparent and timely two way communication between NG and the Project stakeholders including but not limited to Federal, State and Local Agencies, Tribal Nations, Non-Government Agencies, nearby landowners, community and neighborhood associations and the general public. A categorized list of stakeholders is attached as **Addendum A**.

Throughout the Project a variety of communication methods, materials and tools will be utilized to keep Project stakeholders educated and informed. These include:

- Project Website with Spanish translated content:
www.fieldspointngrid.com
- Toll-free Project Hotline: 888-275-6326

- Dedicated email for public and stakeholder inquiries:
FieldsPoint_Liquefaction@nationalgrid.com
- Distribution of Project collateral materials which provide general information about the Project, NG, proposed timeline, FERC background and review and approval process, and construction information
- Distribution of information regarding benefits of natural gas, the current energy market, and need for expanded infrastructure
- Development of Project Q&A's
- Development of Project presentation materials including detailed Project maps
- Meetings with and presentations to Federal, State, and Local elected officials
- Meetings with and presentations to State and Municipal Safety officials
- Meetings with and presentations to non-government agencies with an interest in the Project
- Door to door outreach to nearby landowners to the project upon request
- Meetings with and presentations to community associations upon request
- Press releases and publication of notices if appropriate to local newspapers to include project updates and public participation events
- A Public Open House
- E-mail newsletter to interested parties requesting Project updates
- Updates to Communication Plan based on feedback from outreach efforts

The *Stakeholder Coordinator* for this Project:

Kathryn Cox

Email: FieldsPoint_Liquefaction@nationalgrid.com

Phone: 888-275-6326

NG's designated point of contact will be the *Stakeholder Coordinator* identified above. The Project Website will include the *Stakeholder Coordinator's* contact information. The toll free project hotline calls will be routed directly to the *Stakeholder Coordinator* who will either

return the call or will route the call to the appropriate team member and ensure follow up. Because the Project team includes members of Government Relations and Jurisdictional Managers who have already met with Federal, State and Local non-government organizations, it is likely those contacts will remain throughout the project, however, the team will keep an ongoing log of contacts with Project stakeholders to ensure all questions from stakeholders, the general public, media and other interested parties are being responded to in a timely manner.

IV. PROJECT TEAM

NG's Project team is comprised of experienced personnel from various departments including: Engineering, Planning, Gas Supply, LNG Operations, Project Management, Legal, Environmental, Government Relations, Media Relations, and Stakeholder Relations as well as external contractors and consultants experienced in similar projects. The Project Team is responsible for the design, permitting, communications and construction implementation of the Project.

V. FERC REVIEW AND PUBLIC PARTICIPATION PROCESS

An application can be filed at FERC either under the Pre-filing Process or under the Traditional Process. The Pre-filing Process allows the applicant (NG) and FERC open communication during the planning stages of the Project while the Traditional Process allows the applicant (NG) to file a full and complete application for review. The Pre-filing Process is mandatory for authorization to site, construct, and operate LNG terminals. However, the Pre-filing Process can also be used voluntarily for authorization for other natural gas facilities, such as this Project. FERC must approve the use of the Pre-filing procedures for other natural gas facilities. NG is voluntarily requesting to use the Pre-filing Process for this Project because it will enable NG to involve interested stakeholders, agencies and FERC early in the process. Subsections 1 through 4 below each provide an opportunity for public involvement.

Once FERC authorizes NG to use the Pre-filing Process, there are several items that must be completed within a certain timeframe:

Pre-file Request	None
Director Approves Pre-file request	Directors Approval
Schedule of Open House	Within 7 (seven) days and after consultation with FERC staff, establish date and location
Contract with third party contractor	Within 14 days
Contact all Stakeholders	Within 14 days contact all stakeholders not already informed about the project
Stakeholder mailing list	Within 30 days submit list to FERC
Draft RR1	Within 30 days file a draft, and a summary of alternatives considered
Monthly status reports	On a monthly basis file detailed status reports
Project description for scoping meetings	Meetings held by OEP staff at their request
Site Visits	By FERC or other agencies at their request
Respond to Issues	Within 14 days of end of scoping comment period
File Draft RR's	Within 60 days of the end of scoping comment period
File Revised RR's	At least 60 days prior to filing application

1. ENVIRONMENTAL REVIEW

As part of FERC's review, a document is prepared in accordance with the National Environmental Policy Act (NEPA). FERC is the lead federal agency in preparing the environmental document. These documents include environmental assessments (EA) or environmental impact statements (EIS). At this time, NG anticipates that the Project can be adequately analyzed in an EA. An EA evaluates the consequences of a proposed project on the environment and recommends measures to minimize any potentially adverse effects. An EA is prepared when the environmental scoping process has determined the Project would not significantly affect the quality of human environment.

2. SCOPING MEETINGS

FERC held a scoping comment period to gather input from Project stakeholders.

During this period, stakeholders submitted comments on the record either in writing or verbally during a FERC scoping meeting. NG filed responses to all of the stakeholder comments.

3. PRE-FILING ENVIRONMENTAL REVIEW AND CONSULTATION

Use of the pre-filing review process will benefit NG, interested federal, state, and local agencies, and other stakeholders by assisting in the development of initial information about the Project and identifying affected parties; Facilitating issue identification and resolution; Providing a process that accommodates site visits, meetings with federal, state, and local agencies and stakeholders, participation in public information meetings (e.g., open houses), and the examination of alternatives; Providing interested federal, state, and local agencies and stakeholders with access to draft Environmental Resource Reports and other Project-related information; Minimizing the number of Commission Staff environmental data requests and subsequent filings; Maintaining a coordinated schedule for a thorough environmental impact review; and Facilitating preparation of Environmental Resource Reports and other related documents.

4. OPEN HOUSE

At minimum one Open House will be scheduled at a convenient location in the Project area to provide nearby landowners, municipal officials, legislators and other interested stakeholders with information about specific Project activities. The goal of the open house is to:

- Introduce the project team
- Provide up-to-date information about the project

- Educate stakeholders and the public about NG, the regulatory approval process, upcoming public input opportunities, the construction process, post-construction remediation and in-operation safety measures and regulations
- Provide information of the benefits of the Project
- Provide a forum in which project stakeholders and the community may express their views
- Direct stakeholders to sources of current external information on the liquefaction process and regulatory processes
- Answer questions and address stakeholder concerns
- Share visual simulations with attendees to promote a better idea of what to expect after construction
- Collect feedback on the Project to provide follow up

The Stakeholder team will gauge the interest of the public, local officials, and community groups in hosting any additional open house sessions or community meetings as necessary.

5. PROJECT APPROVAL

Upon review of NG's application and all supporting documentation, and the requirements detailed above are met, including review and consideration of public comments, if FERC supports approval of the Project it will issue a Certificate of Public Convenience and Necessity. Specific permits will be obtained locally from State and local agencies that administer Federal law including the Clean Air Act, Clean Water Act and Coastal Zone Management Act.

6. PROJECT CONSTRUCTION

After FERC has issued its Certificate of Public Convenience and Necessity, FERC staff will decide whether NG has fulfilled the certificate requirements to be able to start construction. Once FERC staff authorizes NG to begin construction, NG will notify

Project stakeholders and the Project community that it intends to begin construction and provide details of the construction process. The Stakeholder Coordinator will remain with the Project through completion of construction.

VI. PUBLIC SAFETY

The existing liquefied natural gas storage facility has an ongoing relationship with Municipal Public Safety officials. The facility has a Facility Response Plan which includes Emergency Response Procedures. As part of the NG training plan the existing facility conducts emergency drills practicing the Emergency Response Procedures with the Providence Fire Department and participates in periodic local evacuation drills with the Local Emergency Planning Committee. In addition to this, in accordance with 49 CFR 193 regulations, the plant conducts annual familiarization tours with local emergency responders.

The safety record at this facility has been excellent with no incidents at the existing facility covering operations dating back to the building of the existing facility in 1974.

VII. CONCLUSION

Pipeline supplies to the northeast US have historically been constrained during winter peak usage. This condition has led to a regional dependence on liquefied natural gas for peak supplies where approximately 40% of regional peak day supplies are provided by re-gasified LNG. New England has the highest concentration of liquefied natural gas peak-shaving facilities in the US. Unlike other regions of the country, the region has no indigenous gas production or geologically favorable storage formations.

Recent global LNG market influences have impacted the availability of imported liquefied natural gas in the US and have subsequently affected local pricing and security of supply. NG proposes to build on-site liquefaction facilities within the fence line of the existing facility to ensure liquefied natural gas supply is maintained for its storage customers with minimal environmental impact to the local community.

NG is committed to being a good neighbor to the communities in which we are privileged to operate and maintain facilities. Our primary goal with this Project is to improve our ability to provide a safe reliable source of liquefied natural gas to serve our customers during peak usage periods.

Addendum A

Federal, State, and Local Permitting Agencies

- City of Providence, Department of Inspection & Standards
- City of Providence, Department of Planning & Development
- City of Providence, Department of Public Works
- City of Providence, Fire Department
- City of Providence, Forestry Division
- Rhode Island Coastal Resources Management Council
- Rhode Island Department of Administration
- Rhode Island Department of Environmental Management
- Rhode Island Department of Transportation
- State of Rhode Island Division of Public Utilities and Carriers

State Regulatory Agencies and Elected Officials

- Attorney General
- Governor of Rhode Island
- Governor's Office of Energy Resources
- Massachusetts Department of Public Utilities
- Mayor of the City of Providence
- Providence City Councilmen
- Rhode Island Division and Staff
- Rhode Island Public Utilities Commission
- US and State Representatives

Environmental & Community Stakeholders

- Acadia Center
- Care New England, Women & Infants Hospital
- City Management
- Holcim
- Hudson Liquid Asphalts, Inc.
- Johnson & Wales
- Lifespan Hospital
- Motiva
- Narragansett Indian Tribe
- NBC
- Providence Arts & Tourism
- ProvPort
- Save the Bay
- Sierra Club
- Sprague Energy
- TEC RI
- Univar