



April 1, 2022

**VIA ELECTRONIC MAIL**

U.S. Department of Energy (FE-34)  
Office of Fossil Energy  
Office of Oil and Gas Global Security and Supply  
Attn: Natural Gas Reports  
P.O. Box 44375  
Washington, D.C. 20026-4375

Re: Lake Charles Exports, LLC

FE Docket No. 11-59-LNG  
DOE/FE Order Nos. 3324 and 3324-A  
Lake Charles LNG Terminal  
Semi-Annual Report

To: Office of Natural Gas Regulatory Activities

In accordance with the conditions of DOE/FE Order Nos. 3324 and 3324-A, issued August 7, 2013, and July 29, 2016, respectively, Lake Charles Exports, LLC submits the semi-annual report as required by ordering paragraphs M and O, respectively, describing the progress of the proposed liquefaction facility project at the Lake Charles Terminal, for the reporting period **October 1, 2021 through March 31, 2022**.

Any questions concerning this filing should be addressed to the undersigned at (713) 989-2605.

Respectfully,

On behalf of Trunkline LNG Holdings LLC,  
A member company of Lake Charles Exports, LLC

*/s/ Blair Lichtenwalter*

---

Blair Lichtenwalter  
Senior Director, Regulatory

**Lake Charles Exports, LLC**  
**FE Docket No. 11-59-LNG**  
**DOE/FE Order Nos. 3324 and 3324-A**  
**Lake Charles LNG Terminal**  
**Semi-Annual Report**  
**April 1, 2022**

**Regulatory**

Lake Charles LNG Export Company, LLC (“LCLNG”), formerly known as Trunkline LNG Export, LLC (“TLNG Export”), filed its Application with the Federal Energy Regulatory Commission (“FERC”) on March 25, 2014, for the LNG terminal facilities and the docket number assigned is CP14-120-000. On September 16, 2020, LCLNG submitted its Notification of Abandonment of its NGA Section 7 Facilities/Certificate Authorizations to FERC, under CP14-120, et. al., effective August 21, 2020.

Regulatory activities since the last report are as follows:

On October 14, 2021; LCLNG submitted Monthly Status Report No. 67 to FERC under Docket No. CP14-120.

On November 15, 2021; LCLNG submitted Monthly Status Report No. 68 to FERC under Docket No. CP14-120.

On December 10, 2021; LCLNG submitted Monthly Status Report No. 69 to FERC under Docket No. CP14-120.

On January 11, 2022; LCLNG submitted Monthly Status Report No. 70 to FERC under Docket No. CP14-120.

On January 31, 2022; LCLNG submitted its *Request for Three-Year Extension* until December 16, 2028 for Project in-service to FERC under Docket No. CP14-120 (and CP14-119), and FERC issued a *Notice Of Request For Extension Of Time* on February 3, 2022, with a Comment Due date of 5:00 pm Eastern Time on February 18, 2022. In addition, on February 7, 2022, FERC issued an *Errata* to its February 3, 2022 *Notice Of Request For Extension Of Time*, correcting the total design production capacity to 16.45 million metric tons per annum.

On February 11, 2022; LCLNG submitted its Semi-Annual Report as required by Opinion No. 796 issued April 29, 1977, for the period July 1 through December 31, 2021, under CP74-138, et. al..

On February 11, 2022; LCLNG submitted Monthly Status Report No. 71 to FERC under Docket No. CP14-120.

On March 7, 2022; LCLNG submitted its *Motion For Leave To Answer And Answer In Opposition To Protest to Protestors (FERC Accession No. 20220307-5095)*.

On March 11, 2022; LCLNG submitted Monthly Status Report No. 72 to FERC under Docket No. CP14-120.

Pursuant to Environmental Condition No. 9, Appendix B of the FERC Order issued December 17, 2015, for the Liquefaction Project, LCLNG continues to file the required Monthly Status Reports under Docket No. CP14-120-000.

**Engineering**

LCLNG continues to do further engineering and risk reduction work in preparation for a bid revalidation process. An Invitation to Tender (“ITT”) was issued to LNG Engineering, Procurement and Contracting (“EPC”) companies by LCLNG on April 30, 2019. In addition, contracts to complete FEED verification by the EPC’s were executed in April.

In the second quarter of 2019, the parties executed contracts with LNG engineering, procurement and contracting (“EPC”) companies to verify existing front-end engineering design. LCLNG has received commercial bids from EPC companies in response to the commercial tender package issued on December 3, 2019, for engineering, procurement and contracting, and these bids are being evaluated.

**Lake Charles Exports, LLC**  
**FE Docket No. 11-59-LNG**  
**DOE/FE Order Nos. 3324 and 3324-A**  
**Lake Charles LNG Terminal**  
**Semi-Annual Report**  
**April 1, 2022**

The Project is presently working through several detail design enhancement strategies with the selected EPC provider that will enable EPC pricing updates in the summer of 2022. Maintenance clearing of the greenfield site is tentatively being considered for the Winter of 2022/2023.

The Project continues to evaluate pandemic driven schedule impacts including equipment availability, supply chain constraints, and labor availability.

LCLNG is working with the U.S. Coast Guard (“USCG”) to conduct an annual review and revalidation of the facility Waterway Suitability Assessment (“WSA”) in accordance with NVIC 01-2011. As part of this review, LCLNG is requesting an increase in the number of authorized vessels in order to allow the project to operate at full capacity. The current authorization of 225 vessels per year would require that vessels average about 174,000 m3 capacity, among the largest in the LNG fleet, to deliver the 16.45 MTPA certificated capacity. Increasing the number of authorized vessels will allow a wider range of vessel sizes from the LNG fleet to deliver the full capacity of the facility. This increase will not result in increasing the annual production of the terminal. LCLNG’s request to the USCG, for review and revalidation of the WSA to increase the number of LNG vessels, requires no change to the currently proposed facility modifications or the certificated capacity, all previously authorized in the FERC Order (153 FERC ¶ 61,300) issued December 17, 2015.

The Project remains an active, fully supported project with no changes proposed to the scope or design that the DOE/FE reviewed and approved in the above referenced Order(s).

**Environmental**

LCLNG filed its permit renewal application with the Louisiana Department of Environmental Quality (“LDEQ”) for the Iowa compressor station (CS 203-A) and received approval on May 14, 2020.

LCLNG filed the Section 7 consistency letters from the U.S. Fish and Wildlife Service (“USFWS”) at FERC on June 16, 2020, for the LNG Import Terminal, Compressor Station 203-A Access Road and Contractor Yard, Longville Compressor Station, Transco Ragley Meter Station (including MLV 202), US 190 Meter Station, Pollock Compressor Station, and Epps Compressor Station.

LCLNG filed its USACE permit extension at FERC on July 14, 2020.

LCLNG submitted its renewal application for Air Permit to the LDEQ, and the Air Permit renewal for the LCLNG Export facility was issued by the LDEQ on September 3, 2020.

**Status of Long-Term Contracts Associated with the Facility**

LCLNG owns, leases or has option agreements in place for the purchase/lease of all property comprising the Liquefaction Project.

Definitive agreements to implement the Liquefaction Project, and pipeline transportation services to supply natural gas to the Liquefaction Project, remain under development.

On December 17, 2020, LCLNG and BG LNG executed an *Amended and Restated Regasification Services Agreement* to supersede and replace the existing service agreements.

**Lake Charles Exports, LLC**  
**FE Docket No. 11-59-LNG**  
**DOE/FE Order Nos. 3324 and 3324-A**  
**Lake Charles LNG Terminal**  
**Semi-Annual Report**  
**April 1, 2022**

On March 29, 2022, LCLNG's parent company Energy Transfer LP ("ET"), and ENN Natural Gas ("ENN NG") and ENN Energy Holdings Limited ("ENN Energy") announced that ENN NG and ENN Energy have signed 20-year LNG Sale and Purchase Agreements related to its LCLNG Liquefaction Project. The Press Release is available from the website link below:

- <https://www.businesswire.com/news/home/20220328005955/en/>

The Project remains an active project, fully supported by Energy Transfer.

**Date Facility is Expected to Be Operational**

Commensurate with the 2019 EPC bids received, the 1st Train is anticipated to be operational approximately 48 months from the beginning of construction, and Trains 2 and 3 are scheduled for completion in 6 month increments after the 1st Train.

On August 30, 2019, a *Request for Extension of Time* (Accession No. 20190830-5193) was submitted to the FERC, requesting an extension of deadlines to December 2025 for the completion of the construction of the LNG export terminal facilities and related pipeline facilities, all as more fully set forth in the FERC filing. On December 6, 2019 FERC issued a Letter Order granting LCLNG's August 30, 2019 *Request for Extension of Time* to December 16, 2025 (Accession No. 20191205-3025).

The Project continues to evaluate pandemic driven schedule impacts including equipment availability, supply chain constraints, and labor availability.

On March 4, 2020, Lake Charles Exports, LLC submitted its Amendment to Authorizations for Long-Term Authorization to Export Liquefied Natural Gas to Free Trade Agreement and Non-Free Trade Agreement Countries to the DOE, under Docket Nos. 11-59-LNG and 16-110-LNG.

On March 4, 2020, Lake Charles LNG Export Company, LLC submitted its Amendment to Authorizations for Long-Term Authorization to Export Liquefied Natural Gas to Free Trade Agreement and Non-Free Trade Agreement Countries to the DOE, under Docket Nos. 13-04-LNG and 16-109-LNG.

On October 6, 2020, DOE/FE issued Order Nos. 2987-A, 3324-B, and 4011-A (11-59-LNG/16-110-LNG), and Order Nos. 3252-B, 3868-A, and 4010-A (13-04-LNG/16-109-LNG), granting the Lake Charles LNG Export and LCE applications for the extension of the timelines for export to be consistent with the FERC certificate timeline of December 16, 2025.

LCLNG submitted its request for an eighteen (18) month extension to commence construction to the LDEQ on February 18, 2022, and the *Extension of Deadline to Commence Construction* to September 3, 2023, was issued by the LDEQ on March 4, 2022.

LCLNG confirms that the Project area has not experienced any significant changes and the environmental and other public interest findings underlying the FERC's authorizations for the Project remain valid.