



**RECEIVED**

*By Docket Room at 4:14 pm, Sep 29, 2023*

September 29, 2023

U.S. Department of Energy  
Office of Fossil Energy and Carbon Management  
Natural Gas Regulatory Activities  
P.O. Box 44375  
Washington, D.C. 20026-4375  
Attention: Docket Room FE-34

**Re: Port Arthur LNG Phase II, LLC  
DOE/FECM Order No. 4562  
FE Docket No. 20-23-LNG  
Semi-Annual Report**

Dear FERC Staff,

On July 14, 2020, in DOE/FECM Order No. 4562, the U.S. Department of Energy, Office of Fossil Energy and Carbon Management ("DOE/FECM"), granted to Port Arthur LNG Phase II, LLC ("PALNG Phase II") a long-term, multi-contract authorization to export liquefied natural gas ("LNG") to nations that have free trade agreements with the United States requiring national treatment in the trade of natural gas ("FTA countries"). One of the conditions of DOE/FECM authorizations is that PALNG Phase II file semi-annual written reports (on or before April 1 and October 1 of each year) describing the progress of the planned liquefaction facility from which PALNG Phase II will export LNG ("Liquefaction Project"). PALNG Phase II hereby submits the semi-annual report covering the period April 1, 2023, through September 29, 2023.

On February 19, 2020, PALNG Phase II filed an application with the Federal Energy Regulatory Commission ("FERC") requesting authorization under sections 3 of the Natural Gas Act authorizing PALNG Phase II to site, construct, and operate the Liquefaction Project. On January 15, 2021, the FERC issued an environmental assessment associated with the application of PALNG Phase II. On April 28, 2023, the FERC issued a supplemental environmental assessment for the PALNG Phase II Liquefaction Project. On September 21, 2023, the FERC authorized the siting, construction, and operation of the PALNG Phase II Liquefaction Project ("FERC Authorization").

With the Port Arthur LNG Phase I liquefaction project fully subscribed with long-term LNG sales and purchase agreements and a positive final investment decision on March 20, 2023, marketing and commercial activities for PALNG Phase II have increased significantly.<sup>1</sup> On November 30, 2022, the parent of PALNG Phase II, Semptra Infrastructure, entered into a heads of agreement with INEOS Energy Trading Ltd. for the long-term supply of LNG from PALNG Phase II Liquefaction Project. Engineering is advancing with geotechnical analysis and front-end engineering and design completed with the expectation of negotiating the engineering, procurement, and construction agreement in the second half of 2023. As stated above, Phase II continues to progress permitting, commercial and marketing activities. Based on the anticipated timing of receipt of necessary authorizations and the current project schedule, PALNG Phase II currently estimates that it could begin exports from the Liquefaction Project as soon as 2028.

PALNG Phase II notes that its parent company is a founding partner of GTI Energy's Veritas program, which has developed a standardized, science-based, technology neutral, measurement-informed approach to calculating and reporting methane emissions, consistent with the Department of Energy's vision for a methane measurement framework.<sup>2</sup>

Please contact me with any questions regarding this filing.

Respectfully submitted,

/s/ Jerrod L. Harrison

Jerrod L. Harrison  
Semptra Infrastructure  
488 8<sup>th</sup> Avenue  
San Diego, CA 92101  
(619) 696-2987  
jharrison@sempraglobal.com

*On Behalf of Port Arthur LNG Phase II, LLC*

---

<sup>1</sup> The heads of agreement with Williams previously mentioned in PALNG Phase II's April 2023 semi-annual report has expired

<sup>2</sup> See <https://www.gti.energy/veritas-a-gti-methane-emissions-measurement-and-verification-initiative/>