By Docket Room at 8:05 am, Mar 31, 2025

EPCILON LNG LLC

PROJECT DEVELOPMENT COMPANY

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USA MEXICO SINGAPORE

April 1, 2025

RECEIPT REQUESTED

Via Electronic Filing: fergas@hq.doe.gov

Attn: Ms. Peri Ulrey Office of Regulation, Analysis and Engagement U.S. Department of Energy 1000 Independence Avenue SW Washington, DC 20585

> Re: Epcilon LNG LLC DOE/FE Order No. 4629 FE Docket No. 20-31-LNG Semi-Annual Report: April 2025

Dear Ms. Ulrey:

On December 8, 2020, the U.S. Department of Energy, Office of Fossil Energy ("DOE/FE") issued Order No. 4629 granting Epcilon LNG LCC ("Epcilon") a long-term authorization to export natural gas to Mexico for liquefaction and re-export such natural gas as liquefied natural gas ("LNG"), from Mexico to nations with which the United States has ("FTA"), and does *not* have ("NFTA"), free trade agreements requiring national treatment in trade of natural gas. The FTA and NFTA authorizations require Epcilon to file semi-annual reports, on or before April 1 and October 1 in each year, describing the following: (1) the status of the project's LNG facility ("the LNG Facility"), (2) the date the LNG Facility is expected to commence first exports of LNG, (3) the status of the long-term contracts associated with (a) exporting LNG from U.S.-sourced natural gas and (b) any long-term natural gas supply contracts for the LNG Facility. Epcilon hereby submits its semi-annual report covering the period October 1, 2024 through March 31, 2025.

During this period:

- The social impact assessment for natural gas transportation, for the last mile connection from existing gas pipeline network, was submitted to Secretary of Energy (SENER).
- The social impact assessment for LNG storage, that provides for site storage of LNG prior to export, was submitted to Secretary of Energy (SENER).
- LNG Storage permit was filed with the Comisión Reguladora de Energía (CRE), the regulatory authority under SENER.
- An independent (third party) Qualified Technical Opinion for the Engineering Design (Opinión Técnica Calificada de Diseño) was submitted to the Comisión Reguladora de Energía (CRE), which addresses both LNG liquefaction process and LNG storage.
- Approval of work for avoidance of areas of archaeological monuments or where their existence is presumed was submitted to Instituto Nacional de Antropología e Historia

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- (INAH). This process is to document that there is no archaeological monuments at the project site.
- SIDUR (Secretaría de Infraestructura y Desarrollo Urbano / Secretariat of Infrastructure and Urban Development) authorized the congruence report for the land to build the Amigo LNG project facilities consistent with the approved maritime boundary.

The LNG Facility is expected to begin exporting LNG by November 1, 2027.

The following major project milestones have been completed during the last period:

- 1. Vendors for the main equipment packages (pre-treatment modules, liquefiers/cold boxes, mixed refrigerant compressors (MRC), desalination plant and turbines for power generation) have been shortlisted. MoU signed with MRC major equipment supplier.
- 2. Gas Supply agreement LoI signed with a Texas entity to supply Permian gas for the project for an additional 285 mmscfd.
- 3. CFE Distribución División Noroeste verified the feasibility for power supply during the phase of site preparation and construction of the Terminal.
- 4. EPC selection process for onshore/floating and marine facilities is ongoing and will be finalized by the end of April 2025.
- 5. Prequalification completed with a Marine facilities providing EPC firm, which meets the local content requirements in Mexico.
- 6. Prequalification for liquefaction equipment modularization completed with two Middle-East based module fabrication yards and one Singapore based fabrication yard.
- 7. Shipping partner selection process has been completed and an MOU with a Middle East shipping company is expected to be signed by June 2025, for managing the third-party LNG fleet.
- 8. An EU based O&M operator has been selected for the O&M services. Contract negotiations are ongoing and expected to be completed by May 2025.
- 9. Identified and short-listed a Texas based Asset Management Company for ensuring compliance during operations and managing terminal interfaces.
- 10. The techno-commercial studies for the interconnection for the last mile connectivity (less than 15 km) and firm transportation service of natural gas is ongoing and expected to be completed by June 2025.
- 11. Long term Binding Heads of Agreement for more than 5.8 MTPA has been executed collectively with four entities, from Malaysia, Oman, Switzerland and European Union. Heads of Agreement (all long term and binding) for an additional 2.0 MTPA is currently under negotiations with a US based trading entity and a Middle East offtaker.

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12. Long term SPA negotiations for approximately 3.9 MTPA for Train 1 are in progress and expected to be completed by May 2025.

If you have any questions or require any additional information, please do not hesitate to contact me at (713) 240-2631 or mc@lngalliance.com.

Sincerely,

Muthu Chezhian

R. Mother us

President for Epcilon LNG LLC