

# Public Quarterly Report

**Date of Report:** 3rd Quarterly Report – June 30, 2025

**Contract Number:** 693JK32410010POTA

**Prepared for:** DOT PHMSA

**Project Title:** Gap Analysis to Identify Opportunities to Inform Leak Detection and Repair (LDAR) Programs in LNG Facilities

**Prepared by:** GTI Energy

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**For quarterly period ending:** June 30, 2025

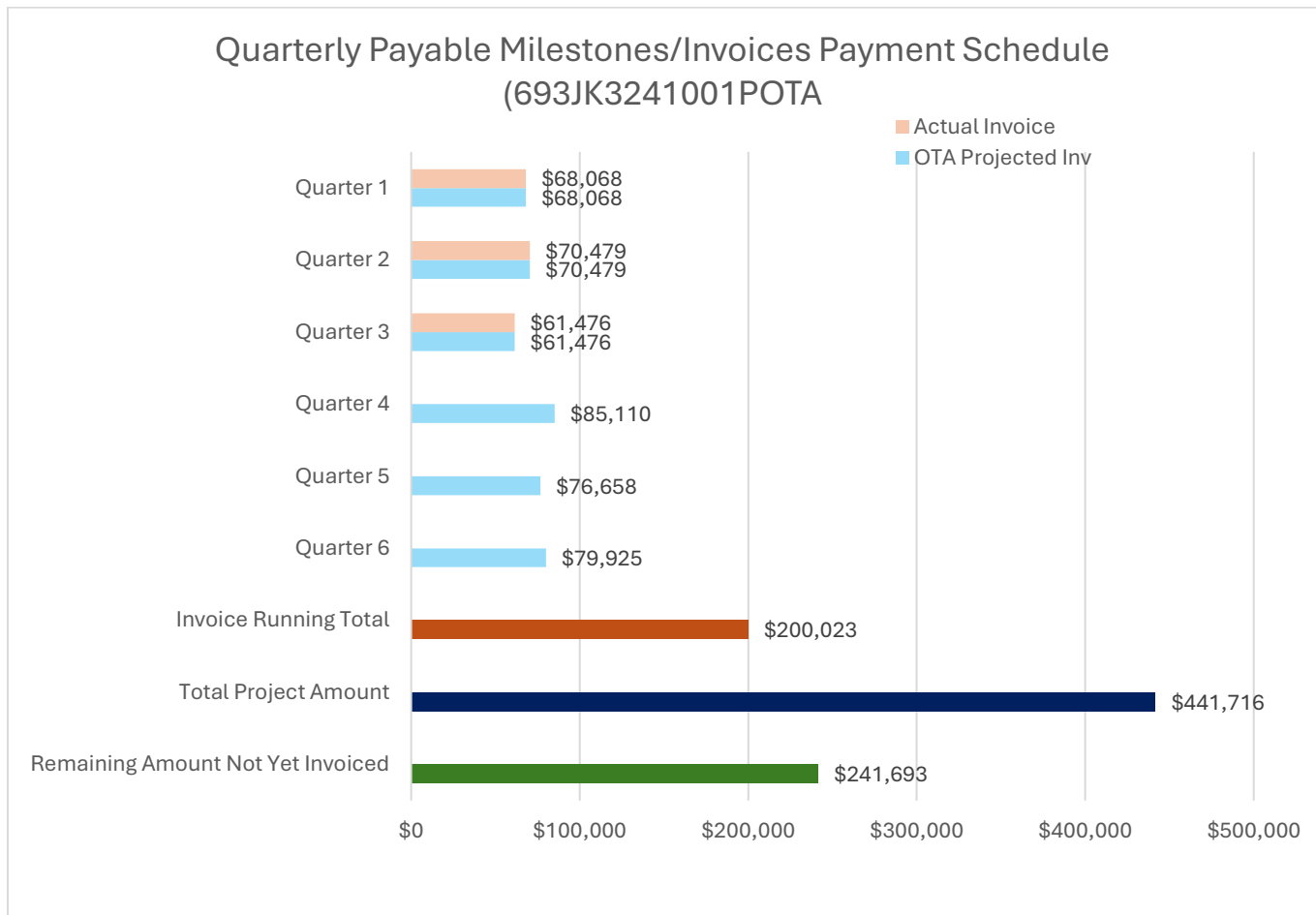
## 1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
10	2	Quarterly Status Report	3rd Quarterly Report	61,476	29,653

## 2: Items Not-Completed During this Quarterly Period:

This project is on time and all items have been completed and delivered.

## 3: Project Financial Tracking During this Quarterly Period:



#### **4: Project Technical Status:**

##### **Operator Survey:**

In this quarter, the project team finalized and sent out the operator survey to select LNG export and Peak Shaving operators. As of June 27<sup>th</sup>, 7 responses have been received that represent 4 import/export terminals, 11 peak shaving facilities, and 1 “other” facility. An initial review of the survey responses was completed. The project team continues to analyze the responses in detail and follow up with the operators to better understand them. The survey report summarizing the findings from this exercise will be developed and delivered in the next quarter.

##### **Regulations Matrix:**

Continued development of the regulation matrix. NFPA 59A has been added to the matrix. State regulations have been added to the matrix, including California Public Utilities Commission General Order 112-F, New York Code Rules and Regulations Part 570, Texas RRC Chapter 14, and 21 other states. The matrix will be finalized and delivered to PHMSA before July 31, 2025.

##### **AI Approach:**

Started and finished developing a custom AI-based advanced research algorithm to compare various regulatory documents. The algorithm is being used to help populate the regulations matrix, manual spot checks and data quality assurance steps are being taken to ensure accurate analysis.

##### **TAP:**

Two new members were added to TAP. One peak shaving operator and one LDAR service provider. Two meetings were held with the TAP to complete a review of the survey prior to sending the official request for responses to operators in April, and a review of current responses and trends in the June meeting.

#### **5: Project Schedule:**

The project is on schedule.