

Public Quarterly Report

Date of Report: 4th Quarterly Report – September 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

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For quarterly period ending: September 30, 2025

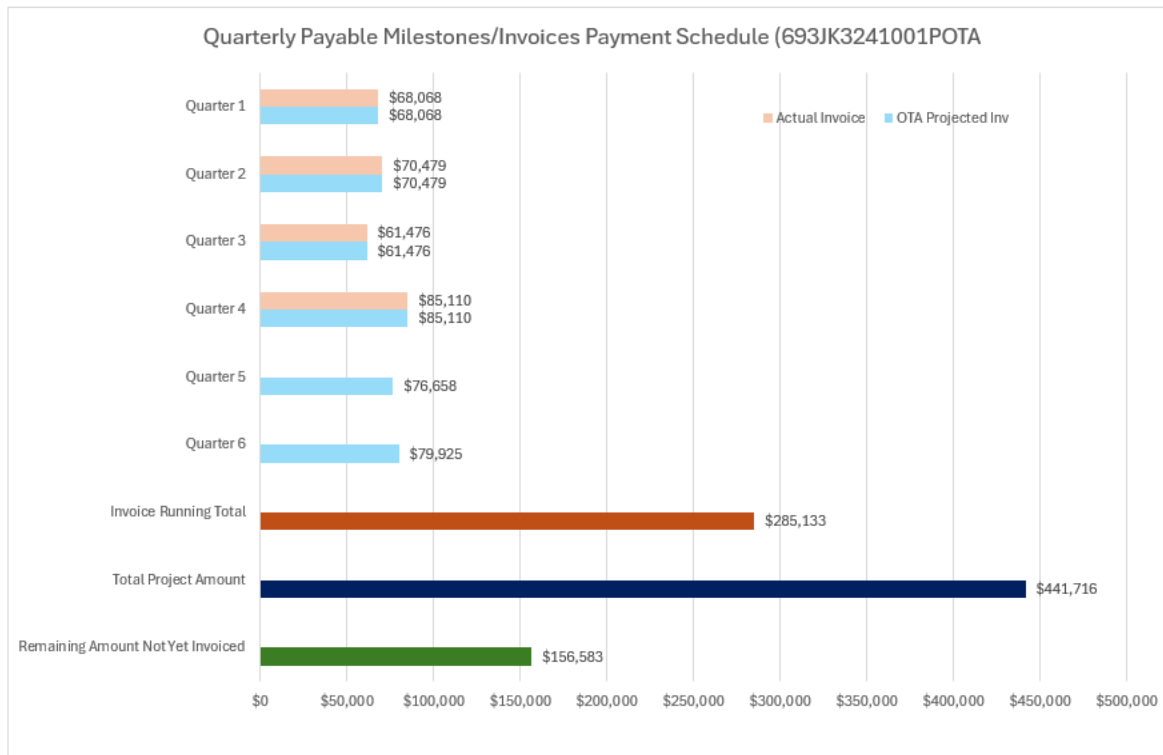
1: Items Completed During this Quarterly Period:

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>	<i>Federal Cost</i>	<i>Cost Share</i>
12	3	Final Draft of Matrix Table	Final Draft of Matrix Table	14,815	36,489
13	3	Survey Report	Summary of Survey Findings	46,661	20,184
14	1	Quarterly Status Report	Submit 4th quarterly report	23,634	--

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 –

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
12	3	Final Draft of Matrix Table	Final Draft of Matrix Table

The project team incorporated state programs and regulations into the matrix. States without a regulation or program explicitly dealing with LDAR at LNG facilities were not included in the final draft. TAP members then reviewed the matrix draft, and feedback was addressed. Any regulation that was not included in the final draft of the matrix due to a lack of LNG facility specification will be discussed in the Gap Analysis Report to show trends in what states prioritize and to highlight the gaps between states and federal requirements.

The deliverable was submitted on July 28, 2025. The project team will track new or changed regulations to discuss in the matrix section of the Gap Analysis Report.

<i>Item #</i>	<i>Task #</i>	<i>Activity/Deliverable</i>	<i>Title</i>
13	3	Survey Report	Summary of Survey Findings

An operator survey was conducted to identify trends in how LNG operators use and report their LDAR programs. Nine operators responded, covering five export terminals and eleven peak shaving/storage facilities. The survey indicated that no single regulation was universally applicable; instead, facilities often cited state-level requirements and air permits. Operators also noted the existence of duplicate reporting requirements. Some operators participate in additional voluntary activities, such as increasing surveying frequency, performing quantitative measurements, achieving shorter repair times than required, and testing alternative measurement technologies not mandated for them. Voluntary activities also include reporting through initiatives like ONE Future and OGMP 2.0 and expanding leak surveys to additional equipment groups.

The Survey Report was drafted and submitted to TAP members for review on August 20th. Feedback was addressed and the report was submitted on August 29th.

5: Project Schedule –

The project is on schedule. The draft of the Final Report is in progress. The project team will present this effort at the Americas LNG conference on October 21, 2025.