



FREEPORT LNG
 LNG Carbon Intensity
 Stage Statement

Scope 2 data has been set to 0 for Scope 1 individual analysis.

| Details of Reporter | |
|---------------------|--------------|
| Statement Date | June 4, 2024 |
| Reporting Entity | Freeport LNG |

| Declaration | |
|--|--|
| Declaration Category | Stage Statement |
| Confirmation of Alignment with Framework | GIGNL MRV and GHG Neutral LNG Framework, V 1.0 |
| Verification Status of the Statement | Verified |
| Signed Declaration | Michael Stephenson |

| Life Cycle Boundary | |
|---|---|
| Life Cycle Stages Included in the GHG Footprint | Freeport LNG Operations including: Stratton Ridge Meter Station (SRMS), Stratton Ridge Underground Storage Site (UGS), Pretreatment Facility (PTF), Liquefaction Facility (LQF) and Quintana Terminal Operations, and associated pipelines. |

| Total GHG Emissions Statement | | |
|---|--|--------------------------------|
| HHV Energy Content of Gas | 22.67 | MMBtu/m3 |
| Total GHG Emissions | 571,616 | tonnes CO _{2e} |
| CO _{2e} Intensity | 9.02E-04 | tonnes CO _{2e} /MMBtu |
| CH ₄ Intensity | 6.71E-07 | tonnes CH ₄ /MMBtu |
| Greenhouse Gases Included in the CO _{2e} Value | CO ₂ , CH ₄ , and N ₂ O | |
| Greenhouse Gases Included in the Total CO _{2e} Emissions | CO ₂ , CH ₄ , and N ₂ O | |

| Standards Applied for Development of GHG Footprint | |
|---|--|
| <p>The development of the GHG footprint follows the standards outlined in the GHG Protocol. Primary emissions were calculated using the methods prescribed by the USEPA Mandatory Reporting Rule (40 CFR Part 98). Pipeline fugitive emissions were calculated following the standards outlined by the API Compendium. This calculation does not include Scope 2.</p> | |

| Stage Based GHG Data | | |
|--|-------------|----------------------------------|
| Exported Energy Content | 633,532,501 | MMBtu/m3 |
| Stage Energy Shrinkage | 1.002 | mmBtu gas input/mmBtu LNG output |
| Stage Specific CO _{2e} Emissions | 571,616 | tonnes CO _{2e} |
| Stage Specific CO _{2e} Intensity | 9.02E-04 | tonnes CO _{2e} /MMBtu |
| Stage Specific CH ₄ Emissions | 425 | tonnes CH ₄ |
| Stage Specific CH ₄ Intensity | 6.71E-07 | tonnes CH ₄ /MMBtu |
| Verification Status of Stage Specific Data | Verified | |

| Stage Based Calculation Approach | | |
|---|---|-----|
| Estimated Percentage of Emissions Based on Primary Data | 100% primary activity data and industry standard emission factors | |
| Overview of Calculation Methodologies | Measurements and calculations for scope 1 GHG emissions are consistent with USEPA Mandatory Reporting Rule standards in Subpart C and Subpart W with the use of widely accepted industry emission factors. Pipeline fugitive emissions were calculated following the standards outlined by the API Compendium. Scope 2 emissions are not calculated. The intensity calculations account for proportional allocation between LNG and NGLs based on operational data. | |
| Date Range of Emission Calculations | Calendar Year 2023 | |
| GWP Applied | CO ₂ | 1 |
| | CH ₄ | 25 |
| | N ₂ O | 298 |

| Low GHG Emission Features | |
|--|--|
| All-electric drive plant design for low relative emissions compared to combustion driven design. | |
| Increasing portion of power sales from renewable energy sources. | |