The University of Texas at Austin
Center for Energy and Environmental Systems Analysis
Cockrell School of Engineering

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May 12th, 2025

Fiji George
Senior Director, Climate and Sustainability
Cheniere Energy
845 Texas Ave Ste. 1250
Houston TX 77002

Dear Mr. George,

On behalf of the Center for Energy and Environmental Systems Analysis, I am writing to confirm our independent assessment of Cheniere's use of the Measurement Informed Inventory (MII) model to estimate methane emissions intensity at LNG liquefaction terminals using Bridger Photonics' aerial survey data for the period between January 1, 2024 and December 31, 2024.

As part of this assessment, we reviewed the input data, assumptions, and output files associated with Cheniere's MII implementation. Our findings are as follows:

Model inputs: The input parameters provided by Cheniere are consistent with the design principles and methodological intent of the MII framework. The data reflect operational characteristics and emissions measurements appropriate for use in this model. We also confirmed that data omitted from the raw measurement files prior to MII model input correspond to sources outside of the facility under consideration and therefore represents an allowed user input modification.

Model outputs and integration: MII model outputs have been incorporated appropriately into Cheniere's inventory estimation, including appropriate consideration for the time between surveys. The use of these outputs aligns with the established protocols for applying MII to LNG supply chain segments as described in peer-reviewed literature.

Data availability and reproducibility: Data made available by Cheniere for review was comprehensive, well documented, and complete. Based on this data, we can confirm that model outputs developed by Cheniere can be independently reproduced and that they have been used appropriately in calculating OGMP 2.0 greenhouse gas emissions inventory.

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We appreciate Cheniere's commitment to transparency and methodological rigor in the development of its inventory. Please do not hesitate to contact us if further clarification or supporting documentation is needed.

Sincerely,

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