

Where Are Fracked US Gas Exports Going? Mostly to Asia Where the US Department of Energy Says the Impact Will Be Worse Than Coal for the Climate for Decades

Known signed Liquefaction Tolling Agreements (LTAs) from LNG facilities that have received U.S. Department of Energy approval to export gas to foreign countries, including nations without Free Trade Agreements with the United States (Non-FTA Countries).

List prepared by the Chesapeake Climate Action Network, June 2014

Dominion Cove Point LNGⁱ

- **JAPAN:** 20-year liquefaction Tolling Agreement (LTA) with Pacific Summit Energy, a wholly owned subsidiary of Sumitomo for 2.6 million tons per annum (mtpa)
- **INDIA:** 20-year LTA with GAIL Ltd. for 2.6 mtpa

Sabine Pass Liquefaction, LLCⁱⁱ

- **UNCLEAR:** 20-year LTA with BG Gulf Coast LNG, subsidiary of BG Group (US-based, active in 25 countries) for 5.5 mtpa
- **SPAIN:** 20-year LTA with Gas Natural Fenosa for 3.5 mtpa
- **SOUTH KOREA:** 20-year LTA with KOGAS FOR 3.5 mtpa
- **INDIA:** 20-year LTA with GAIL Ltd. for 3.5 mtpa
- **UNCLEAR:** 20-year LTA with Total Gas & Power N.A. for 2 mtpa
- **UK:** 20-year LTA with Centrica for 1.75 mtpaⁱⁱⁱ

Freeport LNG Expansion L.P. and FLNG Liquefaction - (collectively FLEX)

- **JAPAN:** 20-year LTA with Osaka Gas Co., Ltd. and Chubu Electric Power Co., Inc. for 4.4 mtpa
- **UNCLEAR:** 20-year LTA with BP for 4.4 mtpa^{iv}
- **JAPAN:** 20-year LTA with Toshiba Corporation for a base quantity of 2.2 mtpa^v
- **SOUTH KOREA:** 20-year LTA with SK E&S LNG, LLC for a base quantity of 2.2 mtpa^{vi}

Cameron LNG, LLC (Cameron LNG)

- **FRANCE:** 20-year LTA with GDF SUEZ S.A. for 4 mtpa^{vii}
- **JAPAN:** 20-year LTA with affiliates of Mitsubishi Corporation for 4 mtpa^{viii}
- **JAPAN:** 20-year LTA with Mitsui & Co., Ltd for 4 mtpa

Total known LTA capacity: 50.15 mtpa

Total LTA capacity where destinations are publically disclosed: 38.25 mtpa

Total LTA capacity where publically disclosed buyers are located in Asia (Japan, India, Korea): 29 mtpa

As of June 2014, U.S. LNG export facilities have signed contracts and received DOE approval to export a total capacity of 50.15 mtpa of gas. 11.9 mtpa of that capacity is contracted to companies that operate in multiple countries and therefore the final destination of the exports cannot be reliably assumed. However, of the 38.25 mtpa remaining, 29 mtpa (75.82%) is going to Asian companies.

ⁱ <http://dom.mediaroom.com/2013-04-01-Dominion-Cove-Point-Liquefaction-Project-Moving-Forward-Cements-Front-Runner-Status>

ⁱⁱ <http://phx.corporate-ir.net/phoenix.zhtml?c=101667&p=irol-newsArticle&ID=1882106&highlight=>

ⁱⁱⁱ <http://www.centrica.com/index.asp?pageid=1041&newsid=2693>

^{iv} <http://www.freeportlng.com/PDFs/11FEB2013.pdf>

^v <http://www.freeportlng.com/PDFs/Freeport%20LNG-Toshiba%20LTA%20Press%20Release%20FINAL.pdf>

^{vi} <http://www.freeportlng.com/PDFs/Freeport%20LNG-SK%20LTA%20Press%20Release%20%20FINAL.pdf>

^{vii} <http://sempra.mediaroom.com/index.php?s=19080&item=127918>

^{viii} <http://sempra.mediaroom.com/index.php?s=19080&item=126964>