



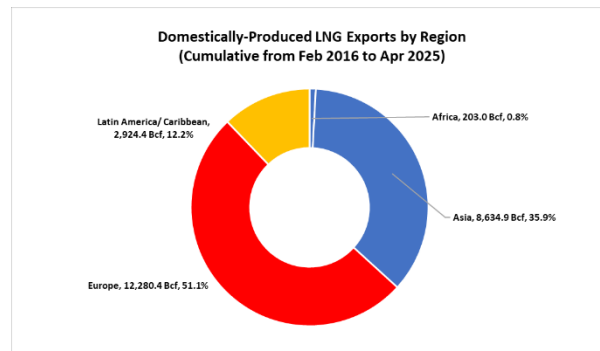
Liquefied Natural Gas (LNG) Exports

June 2025

The United States produces more natural gas than it uses, and LNG export facilities are operating or being built to deliver gas overseas. Nine large-scale and three small-scale LNG facilities have begun export operation. DOE's Office of Fossil Energy and Carbon Management (FECM) monitors U.S. LNG trade through its regulatory role under the Natural Gas Act (NGA).

Overview

The United States has become the world's largest producer of natural gas, creating the opportunity for exports. Companies that want to export natural gas must get authorization from FECM. The [Natural Gas Act](#)¹ requires FECM to make public interest determinations on applications to export LNG to countries without free trade agreements with the U.S. (non-FTA countries).



FECM also publishes information on LNG exports in its [Natural Gas Imports and Exports Monthly Report](#).² LNG exports from the Lower 48 started in 2016. As of April 2025, U.S. export terminals have sent cargos to 48 countries on five continents, mostly from large-scale facilities. Small shipments have been exported since 2016 in cryogenic ISO containers, to customers predominantly in Central America and the Caribbean.

LNG Export Application Process and Activity

There are two standards of review under the NGA, based on the intended destination of LNG. Where countries have a free trade agreement with the U.S. (FTA countries), exports are deemed consistent with the public interest. The NGA directs DOE to evaluate LNG export applications to non-FTA countries. DOE is required to grant requested export authority for non-FTA countries, unless it finds the proposed exports will be inconsistent with the public interest, or where trade is prohibited by law or policy (for example, Cuba, North Korea, and Iran). DOE acts on long-term applications to non-FTA countries after completing a public interest review that involves several criteria, such as economic and environmental reviews, including examination under the National Environmental Policy Act (NEPA). DOE is typically a cooperating agency for review under NEPA, with the Federal Energy Regulatory Commission (FERC) or the Department of Transportation's Maritime Administration (MARAD) acting as the lead agency.

Obtaining a DOE authorization to export LNG to non-FTA countries is an important step for most projects in their path toward financing and construction. After comprehensive reviews, DOE has issued a total of 42 long-term LNG authorizations³ for any country in the world not prohibited by U.S. law or policy, in a cumulative amount of 55.3 billion cubic feet per day (Bcf/d), as of June 30, 2025. DOE has also issued several authorizations under its Small Scale Rule, as summarized [here](#).⁴ Currently, U.S. export capacity is more than 15 Bcf/d, and a total of over 28 Bcf/d of capacity is in various stages of operation and construction. Some of the companies that have LNG export authorizations from DOE have not reached final investment decisions (FID) on their projects. Construction of large facilities takes years to complete and can cost billions of dollars. A complete list of long-term LNG export applications and their current status can be found in DOE's [Summary of LNG Export Applications](#).⁵

LNG Facilities

Nine large-scale LNG facilities are using authorizations to export U.S.-sourced natural gas. Five other large-scale terminals with DOE authorization are under construction pursuant to FID. Terminals that have DOE authorizations report their status and construction progress to the Department twice per year, and these [Semi-Annual Reports](#)⁶ are available on DOE's website.

¹ 15 U.S.C. § 717 *et seq.*, <https://www.govinfo.gov/content/pkg/COMPS-868/pdf/COMPS-868.pdf>.

² <https://www.energy.gov/fecm/listings/natural-gas-imports-and-exports-monthly-reports>.

³ The 42 long-term LNG authorizations include 40 final orders and 2 conditional orders.

⁴ <https://www.energy.gov/fecm/articles/lng-trades-markets>.

⁵ <https://www.energy.gov/fecm/articles/summary-lng-export-applications-lower-48-states>.

⁶ https://www.energy.gov/fecm/semi-annual-reporting-requirements-lng-exporters-2010-2025-dockets?nrg_redirect=473095.

Customers wishing to purchase LNG from the United States can contact one of the companies authorized or seeking export authority, as listed in the [Online Docket Room](#).⁷

NORTH AMERICAN LARGE-SCALE LNG EXPORT PROJECTS WITH NON-FTA EXPORT AUTHORITY FROM DOE						
	Project	Volume (Bcf/d)			Initial Operation (or est.)	Construction Status
		Authorized	Under Construction Pursuant to FID	Operating		
1	Sabine Pass <i>Cameron, LA</i>	4.55	0	4.55	Feb. 2016	Operating
2	Cove Point LNG <i>Calvert Cty, MD</i>	0.77	0	0.77	Mar. 2018	Operating
3	Cameron <i>Hackberry, LA</i>	3.53	0	2.12	May 2019	3 trains operating
4	Corpus Christi <i>Corpus Christi, TX</i>	3.99	1.36	2.63	Dec. 2018	3 trains + train 1 of Stage 3 operating
5	Elba Island <i>Chatham County, GA</i>	0.36	0	0.36	Sep. 2019	Operating
6	Freeport <i>Quintana Island, TX</i>	3.10	0	2.38	Sep. 2019	3 trains operating
7	Golden Pass <i>Sabine Pass, TX</i>	2.57	2.57	0	Late-2025 (est.)	Under construction
8	Venture Global Calcasieu Pass <i>Cameron, LA</i>	1.70	0	1.70	Mar. 2022	Operating
9	Lake Charles <i>Lake Charles, LA</i>	2.33	0	0	N/A	Pending FID
10	Delfin <i>Gulf</i>	1.80	0	0	N/A	Pending FID
11	Port Arthur <i>Port Arthur, TX</i>	1.91	1.91	0	2027 (est.)	Under construction
12	Port Arthur Phase II <i>Port Arthur, TX</i>	1.91	0	0	N/A	Pending FID
13	Louisiana LNG Infrastructure <i>Calcasieu Parish, LA</i>	3.88	2.33	0	N/A	Under construction
14	Gulf LNG <i>Jackson County, MS</i>	1.53	0	0	N/A	Pending FID
15	Venture Global Plaquemines <i>Plaquemines Parish, LA</i>	3.40	2.30	1.10	Dec. 2024	Operating
16	Rio Grande LNG <i>Brownsville, TX</i>	3.61	2.10	0	2027 (est.)	Under construction
17	Texas LNG <i>Brownsville, TX</i>	0.56	0	0	N/A	Pending FID
18	Alaska LNG <i>Kenai Peninsula, AK</i>	2.55	0	0	N/A	Pending FID
19	Commonwealth ¹ <i>Cameron Parish, LA</i>	1.21	0	0	N/A	Pending FID
20	Venture Global CP2 ¹ <i>Cameron Parish, LA</i>	3.96	0	0	N/A	Pending FID
	U.S. TOTAL	49.22	12.57	15.61		
21	Mexico Pacific Limited <i>Sonora, Mexico</i>	1.7	0	0	N/A	Pending FID
22	Energia Costa Azul <i>Ensenada, Mexico</i>	2.18	0.44	0	Spring 2026 (est.)	Phase 1 Under construction Phase 2 FID Pending
23	Epsilon LNG <i>Sonora, Mexico</i>	1.08	0	0	N/A	Pending FID
24	Vista Pacifico LNG <i>Sinaloa, Mexico</i>	0.55	0	0	N/A	Pending FID
25	NFE Altamira FLNG <i>Tamaulipas, Mexico</i>	0.40	0	0.40	Aug. 2024	Operating
	NORTH AMERICA TOTAL	55.13²	13.01	16.01		

¹ The non-FTA authorization is conditional.

² Approved amounts listed here do not include non-FTA authorizations issued to small-scale facilities, which brings the total to 55.28 Bcf/d. Additional small-scale authorizations issued specifically under DOE's Small-Scale Rule are not additive to the cumulative total.

For more information, please visit <https://www.energy.gov/fecm/regulation>

⁷ <https://www.energy.gov/fecm/articles/electronic-docket-room-e-docket-room>.