

# Air Products' experience:



## Leadership in mid-scale to large LNG plant projects



Country	Location/Project	Initial Start-Up	Trains	LNG Capacity per Train (MTPA)	LNG Process
Abu Dhabi (UAE)	Das Island	1977	2	1.7	AP-C3MR™
		1994	1	2.6	AP-C3MR
Algeria	Arzew	1977	6	1.3	AP-C3MR
		1981	6	1.4	AP-C3MR
		2014	1	4.7	AP-C3MR/SplitMR®
	Skikda	2013	1	4.5	AP-C3MR/SplitMR
Australia	NWS	1989–1992	3	2.5	AP-C3MR
	Gorgon	2016	3	5.2	AP-C3MR/SplitMR
	Prelude (FLNG)	2019	1	3.6	DMR
	Ichthys	2018	2	4.45	AP-C3MR/SplitMR
Brunei	Lumut	1972–1974	5	1.3	AP-C3MR
Canada	Squamish	2027	1	2.1	AP-C3MR
China	Ningxia Hanas	2012	2	0.4	AP-SMR™
	Shaanxi Yangling	2015	1	0.5	AP-SMR
	FengZhen	2025	1	0.3	AP-SMR
	Xian Gaoling LNG	2025	1	0.8	AP-SMR
Egypt	SEGAS	2004	1	5	AP-C3MR/SplitMR
Indonesia	Bontang	1977–1997	7	2.8	AP-C3MR
		1999	1	3	AP-C3MR
	Arun	1978–1986	6	2	AP-C3MR
	Tangguh	2009, 2022	3	3.8	AP-C3MR/SplitMR
Donggi	2015	1	2.1	AP-C3MR	
Libya	Marsa el Brega	1970	4	0.8	AP-SMR
Malaysia	Satu	1982	3	2.8	AP-C3MR
	Dua	1995	3	3.2	AP-C3MR
	Tiga	2003	2	3.8	AP-C3MR
	Petronas 9	2016	1	3.6	AP-C3MR/SplitMR
	PFLNG Satu	2016	1	1.2	AP-N™
PFLNG Dua	2021	1	1.5	AP-N	
Mexico	Energia Costa Azul	2023	1	3.25	AP-DMR™
Mozambique	South Coral (FLNG)	2022	1	3.4	AP-DMR
	Mozambique LNG	2024	2	6.4	AP-C3MR
Nigeria	Bonny Island	1999–2002	3	3.2	AP-C3MR
		2005–2007	3	4.1	AP-C3MR
		2023+	2	4	AP-C3MR
Oman	Oman LNG	2000	2	3.3	AP-C3MR
		2006	1	3.7	AP-C3MR
Papua New Guinea	PNG LNG	2014	2	4	AP-C3MR
Peru	Peru LNG	2010	1	4.5	AP-C3MR/SplitMR
Qatar	QGN & QGS	1996–1999	5	3.3	AP-C3MR
	QGS	2003–2007	3	4.7	AP-C3MR/SplitMR
	QGN & QGS	2009–2011	6	7.8	AP-X®
	NFE & NFS	2025–2028	6	8	AP-X
Russia	Yamal	2017	3	5.5	AP-C3MR
United States	Cove Point	2018	1	5.25	AP-C3MR
	Freeport	2019	3	5	AP-C3MR
	Cameron	2019	3	4.4	AP-C3MR/SplitMR
	Golden Pass	2024	3	5.2	AP-C3MR/SplitMR
	Port Arthur	2026	2	6.5	AP-C3MR/SplitMR
Yemen	Bal-Haf	2009	2	3.4	AP-C3MR/SplitMR
Total Trains			126		

# Air Products' experience: Small-scale/peakshaver LNG plant projects

Country	Location/Project	Start-Up	LNG Capacity MMSCFD (TPD Metric)	Air Products Process
England	British Gas Council	1981	227	AP-SMR
Japan	Japex	2004	144	AP-N
		2007	206	AP-N
United States	Alabama Gas Co.	1965	103	Cascade
	Massachusetts	1973	165	AP-SMR
	Hopkinton LNG	1977	392	Cascade
	Cove Point LNG	1994	310	AP-SMR
	Holtzville LNG	2001	124	AP-N
	Philadelphia Gas Works	2002	330	AP-C1™
	Fields Point LNG	2022	412	AP-N

## About Air Products

Air Products is a world leading industrial gases company celebrating 80 years of operation. The company's core industrial gases business provides atmospheric and process gases and related equipment to manufacturing markets, including refining and petrochemical, metals, electronics, and food and beverage. Air Products is also the world's leading supplier of liquefied natural gas process technology and equipment.

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