

US LNG Export Projects

Project	Sabine Pass (LA)	Cameron LNG (LA)	Freeport (TX)	Cove Point (MD)	Lake Charles (LA)	Corpus Christi (TX)	Jordan Cove (OR)	Oregon (OR)
Project Type	Brownfield	Brownfield	Brownfield	Brownfield	Brownfield	Greenfield	Greenfield	Greenfield
Owner(s)	Cheniere (100%)	Sempra (100%)	M Smith (50%) Conoco Philips (50%)	Dominion (100%)	Energy Transfer (100%)	Cheniere (100%)	Veresen (75%) Energy Projects Dev (25%)	LNG Develop.Co (100%)
LNG Export Capacity	16 MTPA 2.2 Bcfd	12 MTPA 1.7 Bcfd	13.2 MTPA 1.8 Bcfd	5.25 MTPA 0.8 Bcfd	15 MTPA 2.0 Bcfd	13.5 MTPA 1.9 Bcfd	6 MTPA 0.8 Bcfd	9 MTPA 1.25 Bcfd
Feed Gas Pipeline	Creole Trail	Cameron P/L	Freeport P/L	Cove Point P/L	Trunkline	New Corpus Christi P/L	New Pacific Connector	Oregon P/L
DOE FTA Permit Docket No.	10-85-LNG	11-145-LNG	10-160-LNG / 12-06-LNG	11-115-LNG	11-59-LNG	12-99-LNG	11-127-LNG	12-48-LNG
• Application Filed	8/11/10	11/10/11	12/17/10 / 1/12/12	9/1/11	5/6/11	8/31/12	9/22/11	5/3/12
• FTA Authorization Issued	9/7/10	1/17/12	2/10/11 / 2/10/12	10/3/11	7/22/11	10/16/12	12/7/11	5/31/12
• DOE Order No.		No 3059	No 2913 / No 3066	No 3019	No 2987	No 3164	No 3041	No 3100
DOE Non-FTA Permit Docket	10-111-LNG	11-162-LNG	10-161-LNG / 11-161-LNG	11-128-LNG	11-59-LNG	12-97-LNG	12-32-LNG	12-77-LNG
• Order in which DOE will Evaluate	Approved	1	Approved	Approved	Approved	4	2	3
• Application Filed	9/7/10	12/21/11	12/17/10 / 12/19/11	10/3/11	5/6/11	8/31/12	3/23/12	7/16/12
• Non-FTA Authorization Issued	5/20/11		5/17/2013 / 11/15/13	9/11/13	8/6/13	Q2 2014		
• Term	20 yrs	20 yrs	20 yrs	20 yrs	20 yrs	25 yrs	30 yrs	30 yrs
• DOE Order No.			No 3282 / No 3357	No 3331	No 3324			
FERC Pre-Filing Process No.	PF10-24	PF12-13	PF11-2	PF12-16	PF12-8	PF12-3	PF12-7	PF12-18
• Request to Initiate Pre-Filing Process	7/26/10	4/30/12	12/23/10	6/1/12	3/30/12	12/13/11	2/29/12	7/3/12
FERC Authorization Docket No	CP11-72	CP13-25	CP12-509/CP12-29	CP13-113		CP12-507	CP13-483	CP09-6
• Application Filed	1/31/11	12/7/12	8/31/12	4/1/13		8/31/12	5/21/13	6/7/13
• Draft EIS	N/A							
• Final EA/EIS Issued	12/28/11							
• FERC Authorization Issued	4/16/12							
Start of Construction	Aug 2012							
Operations Start	2016	2018	2018	2019	2019			
Commercial LNG Offtake Agreements	BG (1/25/12), Gas Natural (11/21/11), Gail (12/1/11), Kogas (1/30/12)	Mitsubishi, Mutsui, GDF Suez (5/16/13)	Osaka Gas & Chubu Electric (7/31/12), BP (2/8/13), SK E&S LNG & Toshiba (9/9/13)	Sumitomo & Gail (4/1/13)	BG Group (10/1/13)			

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Project	Lavaca Bay (TX)	Gulf Coast LNG (TX)	Elba / Southern LNG (SC)	Gulf LNG (MS)	CE FLNG (LA)	Magnolia (LA)	Golden Pass (TX)
Project Type	Greenfield	Greenfield	Brownfield	Brownfield	Greenfield	Greenfield	Brownfield
Owner(s)	Excelerate (100%)	M Smith (97%) 2-Trusts (3%)	Kinder Morgan (51%), Shell (49%)	Kinder Morgan (50%), GE Energy (46%), Others (4%)	Cambridge (100%)	LNG Limited (100%)	Exxon Mobil, Qatar Petroleum
LNG Export Capacity	8 MTPA 1.1 Bcfd	2.8 Bcfd	2.5 MTPA 0.4 Bcfd	10 MTPA 1.5 Bcfd	8 MTPA 1.1 Bcfd	8 MTPA 1.1 Bcfd	15.6 MTPA 2.0 Bcfd
Feed Gas Pipeline			Elba Express	Gulf LNG			Golden Pass
DOE FTA Permit Docket No.	12-61-LNG	12-05-LNG	12-54-LNG	12-47-LNG	12-123-LNG	12-183-LNG / 13-131-LNG	12-88-LNG
• Application Filed	5/25/12	1/10/12	5/15/12	5/2/12	9/21/12	12/18/12 / 10/15/13	8/17/12
• FTA Authorization Issued	8/9/12	10/16/12	6/15/12	6/15/12	11/21/12	2/28/13	9/27/12
• DOE Order No.	No 3128	No 3163	No 3106	No 3104	No 3193	No 3245	No 3147
DOE Non-FTA Permit Docket	12-146-LNG	12-05-LNG	12-100-LNG	12-101-LNG	12-123-LNG	13-132-LNG	12-156-LNG
• Order in which DOE will Evaluate	5	7	8	9	10	21	11
• Application Filed	10/5/12	1/10/12	8/31/12	8/31/12	9/21/12	10/15/13	10/26/12
• Non-FTA Authorization Issued							
• Term	20 yrs	25 yrs	25 yrs	20 yrs	30 yrs	25 yrs	25 yrs
• DOE Order No.							
FERC Pre-Filing Process No.	PF13-1		PF13-3	PF13-4	PF13-11	PF13-9	PF13-14
• Request to Initiate Pre-Filing Process	11/5/12		12/5/12	12/6/12	4/1/13	3/12/13	5/16/13
FERC Authorization Docket No							
• Application Filed							
• Draft EIS			N/A		N/A		N/A
• Final EA/EIS Issued							
• FERC Authorization Issued							
Start of Construction							
Operations Start							
Commercial LNG Offtake Agreements			Shell		Cambridge – 100%	GNF (2 MTPA) & Brightshore Overseas (2 MTPA)	

US LNG Export Projects

Project	Sabine Pass (Trains 5 & 6)	South Texas LNG/ Pangea (TX)	Main Pass EH (LA)	Waller Point (LA)	Venture Global (LA)	EOS / Barca LNG (TX)	Delfin DW Port (LA)	Annova (TX)
Project Type	Brownfield	Greenfield	Greenfield	Greenfield	Greenfield	Greenfield	Greenfield	Greenfield
Owner(s)	Cheniere (100%)	Daewoo (100%)	United LNG (50%, Freeport-McMoRan (50%)	Waller Marine (100%)	VG (100%)	Kunian, Strong & Gadsen	Fairwood USA	Annova
LNG Export Capacity	1.1 Bcfd	8 MTPA 1.1 Bcfd	24 MTPA 3.2 Bcfd	1.25 MTPA 0.2 Bcfd	5 MTPA 0.7 Bcfd	1.6 Bcfd	13 MTPA 1.8 Bcfd	7 MTPA 0.9 Bcfd
Feed Gas Pipeline	Creole Trail	ST Pipeline	-				Enbridge	
DOE FTA Permit Docket No.	13-30-LNG / 13-42-LNG / 13-121-LNG	12-174-LNG	12-114-LNG	12-152-LNG	13-69-LNG	13-115-LNG	13-129-LNG	13-140-LNG
• Application Filed	2/27/13 / 4/2/13 / 9/10/13	11/29/12	9/11/12	10/12/12	5/13/13	8/23/13	10/7/13	10/9/13
• FTA Authorization Issued	9/7/10	2/1/13	1/4/13	12/20/12	9/27/13	No 3364		
• DOE Order No.	Order No 3306 / 3307	No 3227	No 3220	No 3211	No 3345			
DOE Non-FTA Permit Docket	13-30-LNG / 13-42-LNG / 13-121-LNG	12-184-LNG	13-26-LNG		13-69-LNG	13-116-LNG	13-147-LNG	
• Order in which DOE will Evaluate	15/16/20	12	14	23	17	18/19	22	NA
• Application Filed	2/27/13 / 4/2/13 / 9/10/13	12/19/12	2/22/13		5/13/13	8/23/13	11/12/13	
• Non-FTA Authorization Issued								
• Term	20 yrs	25 yrs	30 yrs	25 yrs	25 yrs	25 yrs	20 yrs	30 yrs
• DOE Order No.								
FERC Pre-Filing Process No.	PF13-8							
• Request to Initiate Pre-Filing Process	2/27/23							
FERC Authorization Docket No	CP13-552							
• Application Filed	9/30/13							
• Draft EIS	N/A							
• Final EA/EIS Issued								
• FERC Authorization Issued								
Start of Construction								
Operations Start								
Commercial LNG Offtake Agreements	Total (12/17/12 – 2 MTPA), Centrica (3/25/13 – 1.75 MTPA)							

Forecast