

Possible Canadian LNG projects

Kitimat LNG (KM LNG)								
Who's involved	Estimated cost	Location	Possible Capacity	Start-up	Status	Pipeline	Source of gas	Website
Apache Canada Ltd. (40%), EOG Resources Canada Inc. (30%), Encana Corp. (30%)	\$5 billion to \$15 billion - estimates vary	Near Kitimat, B.C.	Two trains of production. Initial train - 5 million metric tons a year (about 700 million cubic feet a day); second train would raise capacity to 10 million metric tons a year (about 1.3 bcf a day)	2015 or later	Has export license for up to 10 million metric tons a year. Front-end engineering and design under way. Needs many government authorizations. Needs contracts with LNG buyers.	Sponsors also propose 287-mile, \$1.1 billion Pacific Trail Pipeline	Sponsors' supplies in British Columbia and Alberta	http://www.kitimatlngfacility.com/
BC LNG								
Who's involved	Estimated cost	Location	Possible Capacity	Start-up	Status	Pipeline	Source of gas	Website
Cooperative of gas producers, marketers, Haisla Nation	\$450 million	Near Kitimat, B.C.	Two trains of production. Initial train - 900,000 metric tons a year (about 120 million cubic feet a day; potential expansion to 1.8 million metric tons a year (about 240 million cubic feet a day).	2014 or later	Has export license for up to 1.8 million metric tons a year. Front-end engineering and design complete. Needs many government authorizations. Needs contracts with LNG buyers.	Sponsors plant to use existing Pacific Northern Gas Pipeline and possibly proposed Pacific Trail Pipeline.	Six founding members of co-op indicated they would supply gas.	http://douglaschannelenergy.com/
LNG Canada								
Who's involved	Estimated cost	Location	Possible Capacity	Start-up	Status	Pipeline	Source of gas	Website
Shell (40%), Korea Gas (20%), Mitsubishi (20%), PetroChina (20%)	\$12 billion	Near Kitimat, B.C.	Four trains of production. Initial train - 6 million metric tons a year (about 800 million cubic feet a day). Potential expansion to 24 million metric tons a year (3.2 bcf a day) by adding three more production trains of 6 million tons/year each.	2019 for first train, six months later for train 2	Applied for export license in July 2012. Engineering, environmental assessments, consultations with communities/First Nations, contracts with LNG buyers still needed.	TransCanada would develop \$4 billion, 435-mile, 1.7 billion cubic feet a day Coastal GasLink pipeline from the Montney play.	Montney, Horn River, Cordova basins and elsewhere	http://lngcanada.ca/
PETRONAS/Progress Energy								
Who's involved	Estimated cost	Location	Possible Capacity	Start-up	Status	Pipeline	Source of gas	Website
Malaysian oil company PETRONAS, Canadian producer Progress Energy	Early rough estimate pegs cost at \$10 billion.	Near Prince Rupert, B.C.	Two trains of production. Initial train - 3.6 million metric tons a year (about 480 million cubic feet a day). Potential expansion to 7.2 million metric tons a year (about 1 billion cubic feet a day)	2018 or later	PETRONAS acquisition of Progress is pending. Progress recently signed feasibility assessment agreement with Prince Rupert Port Authority. Investment decision possible by end of 2014.	Unclear. Existing pipeline to Prince Rupert is too small to supply the LNG plant.	Unclear. PETRONAS and Progress are partners in Montney gas play.	http://www.progressenergy.com
BG Group								
Who's involved	Estimated cost	Location	Possible Capacity	Start-up	Status	Pipeline	Source of gas	Website
BG Group	Unknown	Near Prince Rupert, B.C.	Unclear. BG is considering a 4.2 billion cubic feet a day gas pipeline to feed its project. That volume could supply about 27 million metric tons a year of exports.	Around 2020 at the earliest	Very preliminary. BG has not acquired gas assets that could be exported.	BG and pipeline company Spectra Energy agreed to study a 525-mile pipeline project they would develop together.	Unknown. Likely from northeast B.C. shale and tight-gas plays.	http://www.spectraenergy.com/Operations/New-Projects/Spectra-Energy-and-BG-Natural-Gas-Transportation-System/