

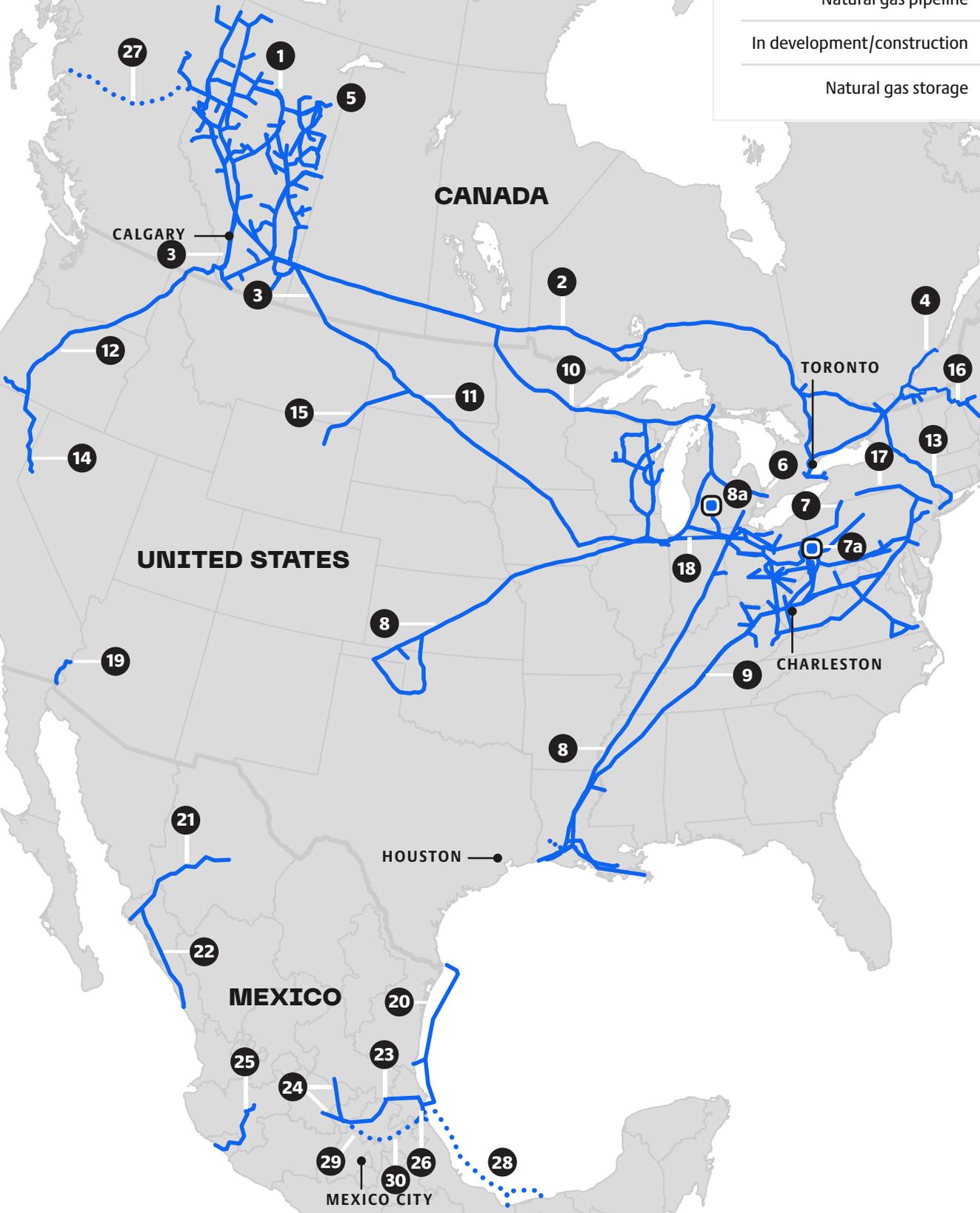
TC Energy Natural Gas Pipelines

As at December 31, 2023

Natural gas pipeline ———

In development/construction

Natural gas storage 



TC Energy – Natural Gas pipelines

As of December, 2023

Natural Gas pipelines

We are the operator of all of the following natural gas pipelines and regulated natural gas storage assets except for Iroquois.

		Length	Description	Effective Ownership
Canadian pipelines				
1	NGTL System	 24,386 km (15,153 miles)	Receives, transports and delivers natural gas within Alberta and British Columbia, and connects with Canadian Mainline, Foothills and third-party pipelines.	100%
2	Canadian Mainline	 14,082 km (8,750 miles)	Transports natural gas from the Alberta/Saskatchewan border and the Ontario/U.S. border to serve Canadian and U.S. markets.	100%
3	Foothills	 1,284 km (798 miles)	Transports natural gas from central Alberta to the U.S. border for export to the U.S. Midwest, Pacific Northwest, California and Nevada.	100%
4	Trans Québec & Maritimes (TQM)	 651 km (405 miles)	Connects with the Canadian Mainline near the Ontario/Québec border to transport natural gas to the Montréal to Québec City corridor and interconnects with Portland.	50%
5	Ventures LP	 133 km (83 miles)	Transports natural gas to the oil sands region near Fort McMurray, Alberta.	100%
6	Great Lakes Canada ¹	 60 km (37 miles)	Transports natural gas from the Great Lakes system in the U.S. to a point near Dawn, Ontario through a connection at the U.S. border underneath the St. Clair River.	100%
U.S. pipelines and gas storage assets				
7	Columbia Gas	 18,692 km (11,615 miles)	Transports natural gas primarily from the Appalachian basin to markets and pipeline interconnects throughout the U.S. Northeast, Midwest and Atlantic regions.	60%
7a	Columbia Storage	 285 Bcf	Provides regulated underground natural gas storage service from several facilities (not all shown) to customers in key eastern markets. We own a 60 per cent interest in the 273 Bcf Columbia Storage facility and a 50 per cent interest in the 12 Bcf Hardy Storage facility.	Various
8	ANR ³	 15,075 km (9,367 miles)	Transports natural gas from various supply basins to markets throughout the U.S. Midwest and U.S. Gulf Coast.	100%
8a	ANR Storage	 247 Bcf	Provides regulated underground natural gas storage service from several facilities (not all shown) to customers in key mid-western markets.	
9	Columbia Gulf	 5,419 km (3,367 miles)	Transports natural gas to various markets and pipeline interconnects in the southern U.S. and U.S. Gulf Coast.	60%
10	Great Lakes	 3,404 km (2,115 miles)	Connects with the Canadian Mainline near Emerson, Manitoba and to Great Lakes Canada near St Clair, Ontario, plus interconnects with ANR at Crystal Falls and Farwell in Michigan, to transport natural gas to eastern Canada and the U.S. Midwest.	100%
11	Northern Border	 2,272 km (1,412 miles)	Transports WCSB, Bakken and Rockies natural gas from connections with Foothills and Bison to U.S. Midwest markets.	50%
12	Gas Transmission Northwest (GTN)	 2,216 km (1,377 miles)	Transports WCSB and Rockies natural gas to Washington, Oregon and California. Connects with Tuscarora and Foothills.	100%
13	Iroquois	 669 km (416 miles)	Connects with the Canadian Mainline and serves markets in New York.	50%
14	Tuscarora	 491 km (305 miles)	Transports natural gas from GTN at Malin, Oregon to markets in northeastern California and northwestern Nevada.	100%
15	Bison	 488 km (303 miles)	Transports natural gas from the Powder River basin in Wyoming to Northern Border in North Dakota.	100%
16	Portland	 475 km (295 miles)	Connects with TQM near East Hereford, Québec to deliver natural gas to customers in the U.S. Northeast and Canadian Maritimes.	61.7%

		Length	Description	Effective Ownership
17	Millennium	 424 km (263 miles)	Transports natural gas primarily sourced from the Marcellus shale play to markets across southern New York and the lower Hudson Valley, as well as to New York City through its pipeline interconnections.	47.5%
18	Crossroads	 325 km (202 miles)	Interstate natural gas pipeline operating in Indiana and Ohio with multiple interconnects to other pipelines.	100%
19	North Baja ³	 138 km (86 miles)	Transports natural gas between Arizona and California and connects with a third-party pipeline on the California/Mexico border.	100%

Mexican pipelines

20	Sur de Texas	 770 km (478 miles)	Offshore pipeline that transports natural gas from the U.S./ Mexican border near Brownsville, Texas, to Mexican power plants in Altamira, Tamaulipas and Tuxpan, Veracruz, where it interconnects with the Tamazunchale and Tula pipelines and other third-party facilities.	60%
21	Topolobampo	 572 km (355 miles)	Transports natural gas to El Oro and Topolobampo, Sinaloa, from interconnects with third-party pipelines in El Encino, Chihuahua and El Oro.	100%
22	Mazatlán	 430 km (267 miles)	Transports natural gas from El Oro to Mazatlán, Sinaloa and connects to the Topolobampo Pipeline at El Oro.	100%
23	Tamazunchale	 370 km (230 miles)	Transports natural gas from Naranjos, Veracruz to Tamazunchale, San Luis Potosi and on to El Sauz, Querétaro in central Mexico.	100%
24	Villa de Reyes – north and lateral section	 326 km (203 miles)	The north and lateral sections of the Villa de Reyes pipeline are interconnected to our Tamazunchale pipeline and third-party systems, supporting gas deliveries to power plants in Villa de Reyes, San Luis Potosí and Salamanca, Guanajuato.	100%
25	Guadalajara	 313 km (194 miles)	Bidirectional pipeline that connects imported LNG supply near Manzanillo and continental gas supply near Guadalajara to power plants and industrial customers in the states of Colima and Jalisco	100%
26	Tula – east section	 114 km (71 miles)	The east section of the Tula pipeline transports natural gas from Sur de Texas to power plants in Tuxpan, Veracruz.	100%

Under construction

Canadian pipelines

27	Coastal GasLink	 670 km (416 miles)	A greenfield project to deliver natural gas from the Montney gas producing region to LNG Canada's liquefaction facility near Kitimat, British Columbia. Coastal GasLink pipeline was mechanically complete in November 2023 and is ready to deliver gas to the LNG Canada facility. Commercial in-service of the Coastal GasLink pipeline will occur after completion of plant commissioning activities at the LNG Canada facility and upon receiving notice from LNG Canada.	35%
	NGTL System 2024 Facilities ¹	 n/a	Compressor station components of the 2023 NGTL System Intra-Basin Expansion expected to be placed in service in 2024.	100%

U.S. pipelines

	East Lateral XPress ^{1,3}	N/A	An expansion project on Columbia Gulf through compressor station modifications and additions expected to be placed in service in 2025.	60%
	Gillis Access Project ²	68 km (42 miles)	A greenfield pipeline system project that will connect supplies from the Haynesville basin at Gillis, Louisiana to markets elsewhere in Louisiana. The project is expected to be placed in service in 2024.	100%

	Length	Description	Effective Ownership
GTN XPress ³	n/a	An expansion project of GTN through compressor station modifications and additions with the remaining sections expected to be placed in service in 2024.	100%

Mexico pipelines

28	Southeast Gateway	 715 km (444 miles)	Offshore pipeline that will connect to the Tula pipeline and transport gas to delivery points in Coatzacoalcos, Veracruz and Paraíso, Tabasco in Mexico's southeast region.	100%
29	Villa de Reyes – south section	 110 km (68 miles)	This pipeline section will connect to the operational north and lateral sections of the Villa de Reyes pipeline and to the Tula pipeline.	100%
30	Tula ²	 n/a	The pipeline will interconnect the completed east segment with Villa de Reyes near Tula, Hidalgo to supply natural gas to CFE combined-cycle power generating facilities in central Mexico. TC Energy and CFE are assessing options to complete the remaining sections of the pipeline, which are subject to an FID.	100%

Permitting and pre-construction phase

Canadian pipelines

	NGTL System 2025+ Facilities ^{1,2}	50 km (31 miles)	The VNBR project, along with other facilities expected to be placed in service in 2026.	100%
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U.S. pipelines

	Bison XPress Project ³	N/A	A project with Northern Border, a 50 per cent owned subsidiary, and Bison, a wholly-owned subsidiary, that will replace and upgrade certain facilities while improving reliability, which is expected to be placed in service in 2026	Various
	VR Project ³	N/A	A delivery market project on Columbia Gas that will replace and upgrade certain facilities while improving reliability and reducing emissions, which is expected to be placed in service in 2025.	60%
	WR Project ³	N/A	A delivery market project on ANR that will replace and upgrade certain facilities while improving reliability and reducing emissions, which is expected to be placed in service in 2025.	100%
	Ventura XPress Project ³	N/A	A project on ANR that will replace and upgrade certain facilities improving base system reliability, which is expected to be placed in service in 2025..	100%
	Heartland Project ³	N/A	Expansion project on ANR that will increase capacity and improve system reliability with upgrades to compression facilities, expected to be placed in service in 2027.	100%

¹ Facilities and some pipelines are not shown on the map.

² Final pipe lengths are subject to change during construction and/or final design considerations.

³ Includes compressor station modifications, additions and/or expansion projects with no additional pipe length.