

RNG FACILITIES IN CANADA

City	Province	Project Name	System Type	Comments	Biogas Usage	Project Company	Status	Upgrading type	Upgrading technology	Date
<b>Aldersyde</b>	AB	Highwood Organics Processing	Agriculture/Commercial/SSO		RNG	Highwood Organics Processing	Substantial Development	Not available	Not available	
<b>Calgary</b>	AB	Green Impact Partners Project			RNG/Biofuel	Green Impact Partners Inc.	Substantial Development	Not available	Not available	
<b>Coaldale</b>	AB	GrowTEC Biogas Offset Project	SSO/MSO	Selling RNG to FortisBC, 67% acqu	RNG	AES0, EverGen	Online			2022
<b>Edmonton</b>	AB	Gold Bar - Epcor	WWTP	Selling RNG to FortisBC	RNG	Gold Bar WWTP - EPCOR	online	Not available	Not available	2021
<b>Edmonton</b>	AB	G4 Insights - ATCO - Pilot project (PyroCatalytic Hydrogenation (PCH))	Woody Biomass		2nd gen RNG	NA	Online	Not available	Not available	2019
<b>Lacombe</b>	AB	Lacombe Biorefinery	Agriculture		2nd gen RNG	RNG)	Substantial Development	Not available	Not available	2022
<b>Lethbridge</b>	AB	Lethbridge Biogas	Agriculture	Selling RNG to FortisBC	CHP/ RNG in dev	PlanET	Substantial Development	ETW	PSA	2021
<b>Acme</b>	AB	Korova Feeders Ltd.	Agriculture		RNG		Substantial Development	Not available	Not available	
<b>Whitcourt</b>	AB	Millar Western Forest Products Ltd.	Industrial		RNG	demonstration project, ATCO	Substantial Development	Not available	Not available	
<b>Vegreville</b>	AB	Two Hills RNG Facility	Agriculture/SSO		RNG	ATCO Energy Solutions, Future Fuel Ltd.	Under Construction	Not available	Not available	2022
<b>Abbotsford</b>	BC	Fraser Valley Biogas	Agriculture	Selling RNG to FortisBC	RNG	Avatar Energy (no longer exists), bought by EverGen in 2021	Online	water adsorption	Greenlane	2010
<b>Abbotsford</b>	BC	Net Zero Waste Project	Commercial	Selling RNG to FortisBC	RNG	EverGen, FortisBC	Under Construction	Not available	Not available	2022
<b>Agassiz</b>	BC	Seabird Island RNG	SSO		RNG	FortisBC, First Nations Clean Energy Business Fund	Feasibility Study			
<b>Chilliwack</b>	BC	Dicklands Farms	Agriculture	Selling RNG to FortisBC	RNG/heat	CH4 Biogas	Substantial Development	Not available	Not available	2023
<b>Delta</b>	BC	City of Vancouver Landfill	Landfill	of gas, Fall 2021 gov't announced	RNG/heat	FortisBC, Quadrogen Power systems	Online	Membrane	DMT	2020
<b>Delta</b>	BC	Seabreeze Farm	Agriculture	Selling RNG to FortisBC	RNG/heat	CH4 Biogas	Online	water adsorption	Greenlane	2015
<b>Clayhurst</b>	BC	Horseshoe Valley Ranch	Agriculture	Dry Digestion, selling RNG to FortisBC	RNG	FortisBC, Scopov Engineering Inc., Gemini	Under Construction	Not available	Not available	2023
<b>Fruitvale</b>	BC	REN Energy (phase 1)	Industrial	wood waste, selling RNG to FortisBC	2nd gen RNG	Gasification, gas cleaning and	Under Construction	Not available	Not available	2023
<b>Kelowna</b>	BC	Glenmore	Landfill	Selling RNG to FortisBC	RNG/heat	Fortis BC	Online	PSA	ARC technologies	2014
<b>Park siding</b>	BC	REN Energy (phase 2)	Industrial	wood waste	RNG	FortisBC, REN Energy		Not available	Not available	2022
<b>Prince George</b>	BC	Foothills Boulevard Regional Landfill	Landfill		RNG	FortisBC	Online	Not available	Not available	2020
<b>Richmond</b>	BC	Lulu Island	WWTP	Selling RNG to FortisBC	RNG/heat	Fortis BC (Greenlane - RNG)	Under Construction	water adsorption	Greenlane	2021
<b>Salmon Arm</b>	BC	Columbia Shuswap Regional District Landfill	Landfill	Selling RNG to FortisBC	RNG/heat	Fortis BC	Online	PSA	Xebec	2013
<b>Surrey</b>	BC	Surrey Biofuel Facility, Orgaworld	SSO	Selling RNG to FortisBC	RNG	Fortis BC	Online	water adsorption+PSA	Greenlane/Sysadvncd	2016
<b>Victoria</b>	BC	Hartland	Landfill		RNG	NA	Under Construction	Not available	Not available	2021
<b>Williams Lake</b>	BC	Williams Lake	Woody Biomass		2nd gen RNG	Fortis BC	Concept	Not available	Not available	NA
<b>Augusta</b>	ON	Waste Disposal Site	Commercial		RNG	H&D Properties Ltd.	Under Construction	Not available	Not available	
<b>Aylmer</b>	ON	Walker Dairy	Agriculture	Selling RNG to FortisBC	RNG	AB Energy, DLS, ECONOMAX, WALKER RNG	Online	Membrane	AB Energy	2021
<b>Blenheim</b>	ON	Ridge - Chatham	Landfill	receives approx. 103,760 t/y food	RNG	Aria	Online	Not available	Not available	2019
<b>Brampton</b>	ON	Anaerobic Digestion Facility Project	SSO		RNG		Substantial Development	Not available	Not available	2024
<b>Cornwall</b>	ON	City of Cornwall project	WWTP/SSO		RNG		Concept	Not available	Not available	
<b>Drumbo</b>	ON	Drumbo	SSO		RNG	Storm Fisher, Genecis Bioindustries Inc.	Substantial Development	Not available	Not available	
<b>Dundas (Southgate)</b>	ON	Mattawa Renewable Power Corp.	Agriculture/Commercial/SSO		RNG	Enbridge	Substantial Development	Not available	Not available	
<b>Hamilton</b>	ON	Hamilton Transfer Station	SSO/Commercial	Selling RNG to FortisBC	RNG	Bradam Canada Inc., injecting for Fortis	Under Construction	Not available	Not available	2023
<b>Hamilton</b>	ON	Woodward Avenue WWTP	WWTP		RNG/heat	NA	Online	water adsorption	Greenlane	2011
<b>Havelock</b>	ON	Kawartha Biogas	Commercial		RNG	PurEnergy	Substantial Development	Not available	Not available	NA
<b>Ilderton</b>	ON	Stanton Bros. Ltd	Agriculture		RNG/CHP		CHP online/ RNG concept	Not available	Not available	2021
<b>Kirkland Lake</b>	ON	CHAR Technologies Facility	Agriculture	10,00 tonnes CHAR's proprietary	RNG	CHAR Technologies	Under Construction	Not available	Not available	
<b>London</b>	ON	London Dairy AD Project	Agriculture		RNG	Storm Fisher	Under Construction	PSA	Xebec	2022
<b>London</b>	ON	Storm Fisher (Previously Harvest Power)	Commercial	estimated total feedstock of 195,000	RNG	Storm Fisher	Online	Membrane	Hitachi	2019
<b>London</b>	ON	Green Shields Energy Facility	SSO/plastics	Selling RNG to FortisBC	P2G/RNG	Green Shields Energy, Tidal Energy Markets	Substantial Development	not applicable	not applicable	2022
<b>Napanee</b>	ON	Bradam Napanee	Carbon Energy Recovery	Selling RNG to FortisBC	RNG	Bradam Canada Inc., injecting for Fortis	Under Construction			2023
<b>Niagara Falls</b>	ON	Tidal Niagara	Landfill	Selling RNG to FortisBC	RNG	Environmental	Under Construction	Not available	Not available	2022
<b>Oshawa</b>	ON	Northwood Transfer Station	Commercial		RNG	RIC (EOR) Inc.	Under Construction	Not available	Not available	
<b>Peel</b>	ON	Peel Region digester	SSO		RNG	NA	Cancelled	Not available	Not available	NA
<b>Roblin</b>	ON	Napanee Transfer Station	SSO/Commercial		RNG	Bradam Canada Inc., injecting for Fortis	Under Construction	Not available	Not available	
<b>Shakespeare</b>	ON	Faromor CNG Corp.	Agriculture	Selling RNG to FortisBC	RNG	Rfaromor CNG Corp., FortisBC	Under Construction	Not available	Not available	
<b>Stratford</b>	ON	OCWA-Suez-Stratford RNG project	WWTP/SSO		2d gen RNG	Suez	Substantial Development	Not available	Not available	NA
<b>Timmins</b>	ON	Timmins WWTP+SSO	WWTP/SSO		RNG		consideration	Not available	Not available	
<b>Toronto</b>	ON	Dufferin Organics Processing Facility	SSO	estimated total feedstock of 30,000	RNG	Enbridge, City of Toronto	Online	PSA	Xebec	2021
<b>Toronto</b>	ON	Gerdau Steel-True Energy (Methane+Hydrogen)	plastics		P2G	NA	Substantial Development	not applicable	not applicable	NA
<b>Ange-Gardien</b>	QC	Projet Ange-Gardien	Agriculture		RNG	Qarbonex	Substantial Development	Not available	Not available	2024
<b>Berthierville</b>	QC	EBI - Rive Nord	Landfill		RNG	EBI Energie	Online	Membrane	Honeywell	2003
<b>Cowansville</b>	QC	Cowansville	Commercial		RNG	Bahler Biogas	Under Construction	PSA	Xebec	2022
<b>Candiac</b>	QC	ADM (Archer Daniels Midland) Agri-Industrie	Agriculture		RNG	NA	Online	PSA	Guild	2022

City	Province	Project Name	System Type	Comments	Biogas Usage	Project Company	Status	Upgrading type	Upgrading technology	Date
Cowansville	QC	Régie intermunicipales de gestion des matières résiduelles de Brome-Misissquoi	Landfill		RNG	Waga Energy	Under Construction	Cryo	Waga	2022
Chicoutimi	QC	GFL Environmental Inc (before Matrec)	Landfill		RNG	Matrec	Concept	Cryo	Waga	2022
Duvernay Est.	QC	Usine de traitement des eaux usées La Pinière	WWTP		RNG		Substantial Development	Not available	Not available	2024
Farham	QC	Nature Energy	Agriculture		RNG	Nature Energy	Substantial Development	Not available	Not available	2023
La Salle	QC	Centre de traitement des matières organiques (CTMO) SUD : Centre de biométhanisation	SSO		RNG	NA	Substantial Development	Not available	Not available	2025
Laval	QC	Station La Pinière	SSO		RNG	NA	Substantial Development	Not available	Not available	2023
Lachine	QC	Confidential	Agriculture		RNG	Confidential	Concept	Not available	Not available	NA
Mirabel	QC	Confidential	Agriculture		RNG	NA	Substantial Development	Not available	Not available	2024
Montreal	QC	CTMO EST	SSO		RNG	Suez	Substantial Development	Not available	Not available	2022
Montreal	QC	Montreal Organic Waste Treatment Centre	Landfill		RNG	Suez	Substantial Development	Membrane	Methanis Membrane System	
Neuville	QC	Carbonaxion Bioénergies inc. (anciennement LET Neuville)	Landfill		RNG	Carbonaxion, PyroGenesis Canada Inc., Pyro Green-gas (AirScience Technologies Inc.)	Substantial Development	Membrane	Pyro Green-Gas	2023
Quebec city	QC	CBAQ	SSO		RNG	NA	Under Construction	water adsorption	Greenlane	2022
Rivieres-du-Loup	QC	SEMER	SSO		RNG	SEMER	Construction	Chemical Adsorption	Not available	2022
Saguenay	QC	Agriméthane Saguenay	Agriculture		RNG	Nutrinor et de la Fromagerie Boivin	Substantial Development	Not available	Not available	2024
Saint-Pie	QC	Qarbocycle	SSO		RNG	Qarbonex	Substantial Development	Not available	Not available	2023
Sainte-Pie	QC	CTBM	SSO		RNG	CTBM	Under Construction	PSA	Xebec	2022
Sainte-Sophie	QC	Waste Management	Landfill		RNG	WasteManagement,	Concept	Not available	Not available	2023
Ste-Sophie-de-Lévrard	QC	Groupe Bioénerstek inc.	Agriculture		RNG	Groupe Bioénerstek inc.	Substantial Development	Not available	Not available	2023
Saint-Felicien	QC	Centre de Valorisation de la Biomasse du Domaine-du-Roy	Biomass	High temperature pyrolysis (HTP)	RNG	CHAR Technologies	Under Construction	HTP		2023
Saint-Hyacinthe	QC	St-Hyacinthe	SSO		RNG	Filtrum Construction	Online	water adsorption	Greenlane	2017
Saint-Nazaire d'Acton	QC	Centre d'interprétation et de Valorisation des Résidus Agricoles (CIRVA)	Agriculture		RNG	NA	Substantial Development	Not available	Not available	NA
Ste-Etienne des Grès	QC	Ste-Etienne des grès Landfill	Landfill		RNG	Waga Energy	Under Construction	Cryo	Waga	2021
Terrebonne	QC	Vision Enviro Progressive (before BFI Usine de triage Lachenaie)	Landfill		RNG	BFI	Online	water adsorption	Greenlane	2014
Trois-Rivières	QC	Confidential	Commercial		RNG	Confidential	Concept	Not available	Not available	NA
Varenes	QC	SEMECS	SSO		RNG	CCI Bionergy	Under Construction	PSA	Xebec	2022
Victoriaville	QC	Coopérative de solidarité Carbone	Agriculture		RNG	Coop Carbone	Substantial Development	Not available	Not available	2023
Warwick	QC	COOP Agri-Energie	Agriculture		RNG	Le Groupe Génitique, Pyro-Green Gas	Online	Membrane	AirScience (Pyro-Green)	2021

