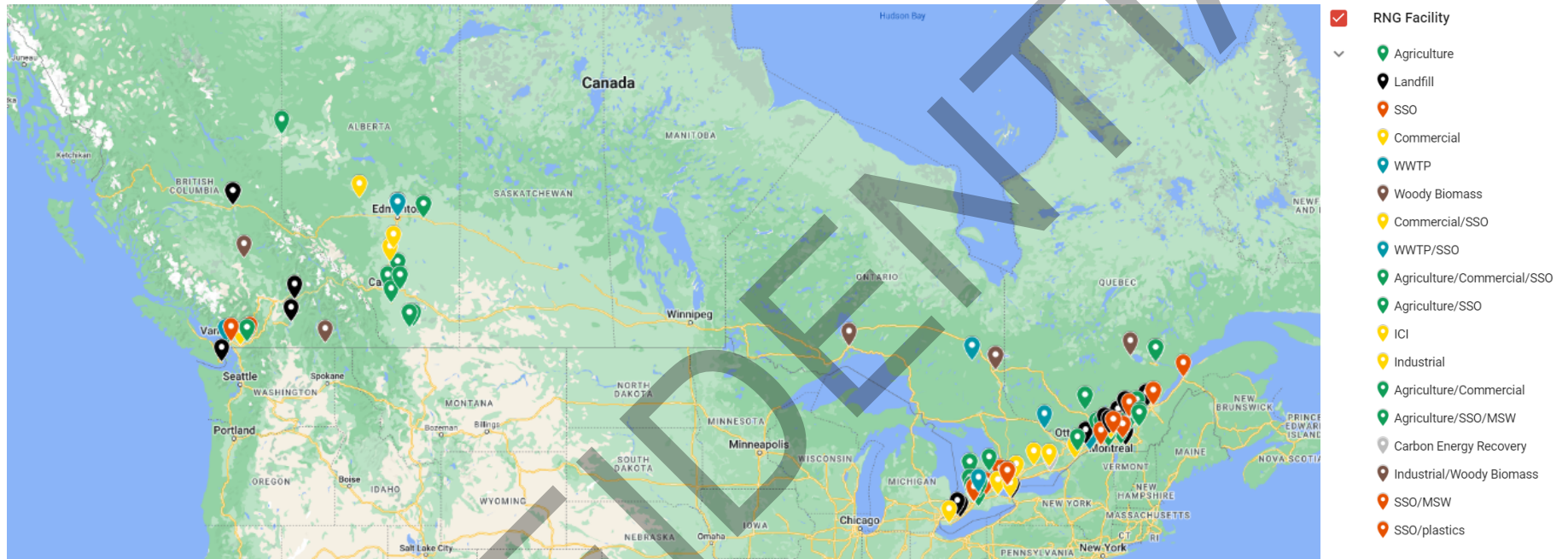
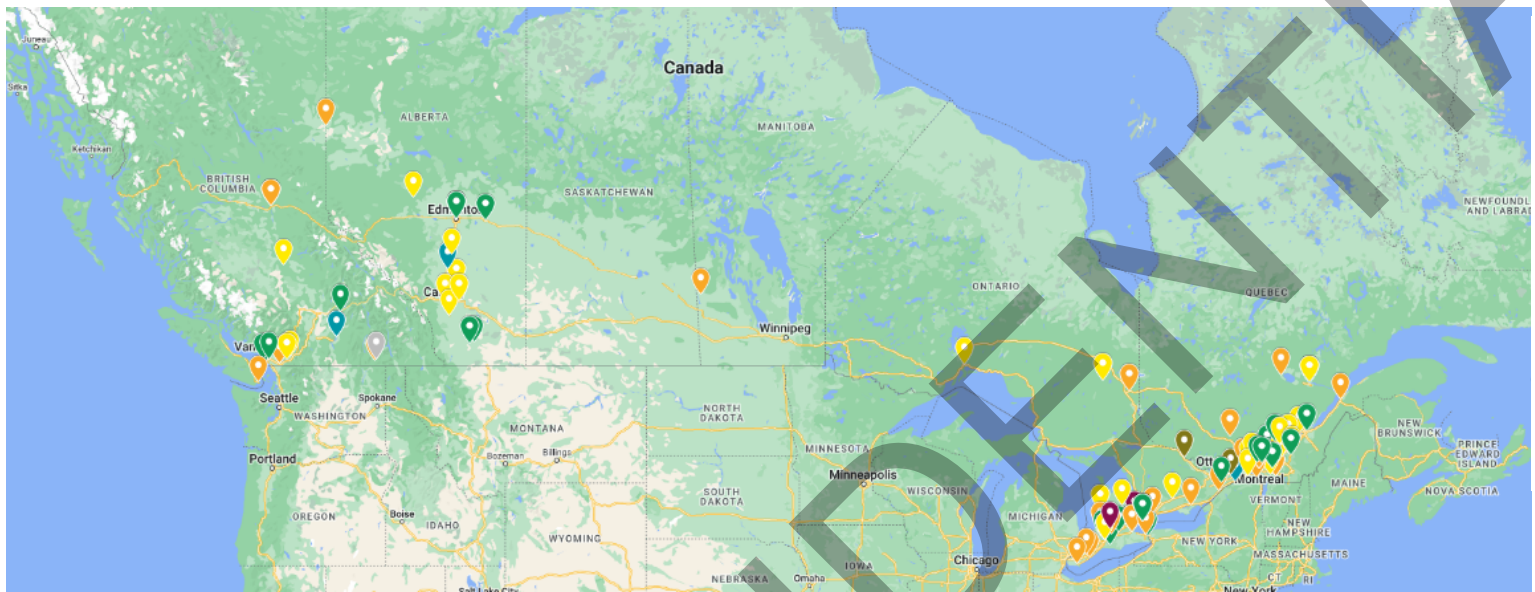


### RNG FACILITIES IN CANADA - TYPES OF FACILITIES



Link to the online map: [Canadian RNG Projects – June 2023](#)

### RNG FACILITIES IN CANADA – STATUS



- RNG Facilities by Status
- Substantial Development
  - Online
  - Under Construction
  - Proposed
  - Online, RNG Under Construction
  - Cancelled
  - Online, RNG in development
  - Other / No data

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City	Province	Project Name	System Type	Comments	Biogas Usage	Project Company	Status	Upgrading type	Upgrading technology	Date
Acme	AB	Korova Feeders Ltd.	Agriculture	34,000 cattle	RNG		Substantial Development	Not available	Not available	NA
Aldersyde	AB	Catapult Environmental Inc. (previously Highwood Organics Processing)	Agriculture/Commercial/SSO		RNG	Highwood Organics Processing	Under Construction	Not available	Not available	NA
Calgary	AB	Future Energy Park	Agriculture/Commercial		RNG/Biofuel	Green Impact Partners Inc.	Substantial Development	Not available	Not available	2025
Coaldale	AB	GrowTEC	Agriculture/SSO/MSW	Selling RNG to FortisBC, 67% acquired by EverGen	RNG	PlanET, project bought by EverGen; will sell to FortisBC	Online	Not available	Not available	2022
Edmonton	AB	Clover Bar Landfill Gas	Landfill	2 MW	RNG/CHP	Capital Power	Online, RNG in under construction	Not available	Not available	2005, 2024
Edmonton	AB	G4 Insights - ATCO - Pilot project (PyroCatalytic Hydrogenation (PCH))	Woody Biomass		2nd gen RNG	NA	Online	Not available	Not available	2019
Edmonton	AB	Gold Bar - Epcor	WWTP	Selling RNG to FortisBC	RNG	Gold Bar WWTP - EPCOR	online	Not available	Not available	2021
High River	AB	High River RNG Facility	Agriculture		RNG	Tidewater Renewables, Rimrock RNG, FortisBC	Substantial Development	Not available	Not available	2024
Lacombe	AB	Lacombe Biorefinery	Industrial		2nd gen RNG	BioRefinex Canada (thermal hydrolysis to RNG)	Substantial Development	Not available	Not available	2023
Lethbridge	AB	Lethbridge Biogas	Agriculture	Selling RNG to FortisBC	RNG/CHP	Fund	Online	ETW	PSA	2021
Strathmore	AB	Ardenode RNG Project	Agriculture		RNG	Epcor	Substantial Development	Not available	Not available	2025
Vegreville	AB	Two Hills RNG Facility	Agriculture/SSO		RNG	Fuel Ltd.	Online	Not available	Not available	2022
Whitecourt	AB	Millar Western Forest Products Ltd.	Industrial		RNG	demonstration project, ATCO	Substantial Development	Not available	Not available	NA
Abbotsford	BC	Fraser Valley Biogas	Agriculture	Selling RNG to FortisBC	RNG	Avatar Energy (no longer exists), bought by EverGen in 2021	Online	water adsorption	Greenlane	2023
Abbotsford	BC	Net Zero Waste Project	Commercial/SSO	Selling RNG to FortisBC	RNG	EverGen, FortisBC	Under Construction	Not available	Not available	2022
Agassiz	BC	Seabird Island RNG	SSO		RNG	FortisBC, First Nations Clean Energy Business Fund	Substantial Development	Not available	Not available	NA
Chilliwack	BC	Dicklands Farms	Agriculture/SSO	Selling RNG to FortisBC	RNG/heat	CH4 Biogas	Substantial Development	Not available	Not available	2023
Clayhurst	BC	Horseshoe Valley Ranch	Agriculture	Dry Digestion, selling RNG to FortisBC	RNG	Contract with FortisBC, Scovan	Under Construction	Not available	Not available	2023
Delta	BC	City of Vancouver Landfill	Landfill	the 2020 project captures ~73% of gas. Selling RNG to FortisBC, Captured CO2 sent to nearby greenhouses	RNG/heat	FortisBC, Quadrogen Power systems, CEM Engineering, Three0Six	Online	Membrane	DMT	2020
Delta	BC	Seabreeze Farm	Agriculture	Selling RNG to FortisBC	RNG/heat	CH4 Biogas	Online	Membrane	DMT	2015
Fruitvale	BC	REN Energy (phase 1)	Industrial/Woody Biomass	wood waste, selling RNG to FortisBC	2nd gen RNG	REN Energy, Thermo Design Engineering (gasification, gas cleaning and methanation)	Under Construction	Not available	Not available	2023
Kelowna	BC	Glenmore	Landfill	Selling RNG to FortisBC	RNG/heat	Fortis BC	Online	PSA	ARC technologies	2014
Kelowna	BC	North Kelowna Landfill	Landfill		RNG	FortisBC	Proposed	Not available	Not available	2025
Park siding	BC	REN Energy (phase 2)	Industrial	wood waste	RNG	FortisBC, REN Energy	Substantial Development	Not available	Not available	2022
Prince George	BC	Lansdowne Wastewater Treatment Plant	WWTP	selling gas to FortisBC	RNG	FortisBC	Substantial Development	Not available	Not available	NA
Prince George	BC	Foothills Boulevard Regional Landfill	Landfill	selling gas to FortisBC	RNG	Regional District of Fraser-Fort George, FortisBC	Under Construction	Not available	Not available	2024
Richmond	BC	Lulu Island	WWTP	Selling RNG to FortisBC	RNG	Fortis BC (Greenlane - RNG)	Online	water adsorption	Greenlane	2021
Salmon Arm	BC	Columbia Shuswap Regional District Landfill	Landfill	Selling RNG to FortisBC	RNG/heat	Fortis BC	Online	PSA	Xebec	2013
Surrey	BC	Surrey Biofuel Facility, Orgaworld	SSO	Selling RNG to FortisBC	RNG	Fortis BC	Online	water adsorption+PSA	Greenlane/Sysadvnce	2018
Victoria	BC	Hartland	Landfill	Selling RNG to Fortis	RNG	Waga Energy	Under Construction	Cryo	Waga	2024
Williams Lake	BC	Williams Lake	Woody Biomass		2nd gen RNG	Energy Inc., Fortis BC	Substantial Development	Not available	Not available	NA
Augusta	ON	Waste Disposal Site	Commercial		RNG	H&D Properties Ltd.	Under Construction	Not available	Not available	NA
Aylmer	ON	Walker Dairy	Agriculture	Selling RNG to FortisBC	RNG	AB Energy, DLS, ECONOMAX, W	Online	Membrane	AB Energy	2021
Brampton	ON	Anaerobic Digestion Facility Project	SSO		RNG		Cancelled	Not available	Not available	2024
Bruce-Huron	ON	Farm project, part of Project Radius	Agriculture		RNG	Renewables	Substantial Development	Not available	Not available	NA
Chatham-Kent	ON	Ridge (Chatham) Holdings, L.P.	Landfill	applications approved April 2023; receives approx. 103,760 t/y food waste	RNG	Enbridge, Waste Connections	Under Construction	Not available	Not available	2024
Cornwall	ON	City of Cornwall project	WWTP/SSO		RNG		Proposed	Not available	Not available	NA
Drumbo	ON	Drumbo	SSO	sold to Generate Capital in 2022	RNG	Storm Fisher, Genecis	Online	Not available	Not available	2022
Dundalk (Southgate)	ON	Mattawa Renewable Power Corp.	Agriculture/Commercial/SSO		RNG	marketed through Enbridge, Evest Corp	Substantial Development	Not available	Not available	2025
Embro	ON	Ben & Mark Sterk's Farm	Agriculture		RNG		Under Construction	Not available	Not available	NA

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Exeter	ON	Jeff & Yvonne Van Soest's Farm	Agriculture		RNG		Under Construction	Not available	Not available	NA
Gad's Hill	ON	Roger Boerson's Farm	Agriculture		RNG		Under Construction	Not available	Not available	NA
Hamilton	ON	Woodward Avenue WWTP	WWTP		RNG/heat	NA	Online	water adsorption	Greenlane	2011
Hamilton	ON	Hamilton Transfer Station	Commercial/SSO	Selling RNG to FortisBC	RNG	for Fortis	Under Construction	Not available	Not available	2023
Havelock	ON	Kawartha Biogas	Commercial		RNG	PurEnergy	Substantial Development	Not available	Not available	NA
Ilderton	ON	Stanton Bros. Ltd	Agriculture	Injecting gas to Enbridge grid	RNG	Enbridge	Online	Membrane	DMT	2022
Kirkland Lake	ON	CHAR Technologies Facility	Agriculture		RNG	CHAR Technologies	Under Construction	Not available	Not available	NA
Lemington	ON	Seacliff Energy Expansion	ICI	tonnes/year SSO, ICI and liquid	RNG	Envest Corp	Under Construction	Not available	Not available	2023
London	ON	London Dairy AD Project	Agriculture	Currently has proposal to expand <a href="https://ero.ontario.ca/notice/019-6303">https://ero.ontario.ca/notice/019-6303</a>	RNG	Storm Fisher	Online	PSA	Xebec	2022
London	ON	Storm Fisher (Previously Harvest Power)	Commercial	estimated total feedstock of 195,000 t/y	RNG	Storm Fisher	Online	Membrane	Hitachi	2019
London	ON	Green Shields Energy Facility	SSO/plastics	Selling RNG to FortisBC	P2G/RNG	Green Shields Energy, Tidal Ene	Substantial Development	not applicable	not applicable	2022
Moose Creek	ON	Lafleche (Eastern Ontario Waste Handling F	Landfill	receives approx. 92,163 t/y food waste	RNG/CHP	GFL Environmental	Online, RNG in development	Not available	Not available	NA
Napanee	ON	Bradam Napanee	Carbon Energy Recovery	Selling RNG to FortisBC	RNG	for Fortis	Under Construction	Not available	Not available	2023
Niagara Falls	ON	Tidal Niagara	Landfill	Selling RNG to FortisBC	RNG	Comcor Environmental	Online	Not available	Not available	2022
Nipigon	ON	Nipigon/Greenstone Mill	Woody Biomass		RNG	REN Energy, Lake Nipigon Forest Management Inc.	Substantial Development	Not available	Not available	NA
Oshawa	ON	Northwood Transfer Station	Commercial	processes 200,000 tonnes annually	RNG	RIC (EOR) Inc., EverGreen, CCI Bioenergy	Under Construction	Not available	Not available	2025
Peel	ON	Peel Region digester	SSO		RNG	NA	Cancelled	Not available	Not available	NA
Petawawa	ON	Petawawa Water Pollution Control Plant	WWTP		RNG/CHP	Anaergia	Online, RNG in under construction	Not available	Not available	NA
Roblin	ON	Napanee Transfer Station	Commercial/SSO		RNG	for Fortis	Under Construction	Not available	Not available	NA
Shakespeare	ON	Faromor CNG Corp.	Agriculture	Selling RNG to FortisBC	RNG	Rfaromor CNG Corp., FortisBC	Under Construction	Not available	Not available	NA
South Mountain	ON	Thurler Farms	Agriculture	Processing 200 t/d manure	RNG	GetCorp	Online	Not available	Not available	2023
Stratford	ON	OCWA-Suez-Stratford RNG project	WWTP/SSO	Cancelled as a result of funding package expiring (due to COVID-19)	2nd gen RNG	Suez	Cancelled	Not available	Not available	NA
Thorold	ON	Thorold Renewable Natural Gas & Biocarbon Project	Commercial	Pyrolysis system	RNG	CHAR Technologies, Bioveld Canada	Under Construction	HTP	CHAR	2024
Timmins	ON	Mattagami Water Pollution Control Plant	WWTP/SSO		RNG		Substantial Development	Not available	Not available	NA
Toronto	ON	Green Lane Landfill	Landfill		RNG	City of Toronto	Substantial Development	Not available	Not available	2026
Toronto	ON	CCI Disco	SSO	estimated total feedstock of 83,000 t/p	RNG/Heat		Online, RNG Under Construction	Not available	Not available	2024
Toronto	ON	Dufferin Organics Processing Facility	SSO	estimated total feedstock of 30,000 t/y	RNG	Enbridge, City of Toronto	Online	PSA	Xebec	2021
	ON	Gerdau Steel-True Energy (Methane+Hydro	plastics		P2G	NA	Substantial Development	not applicable	not applicable	NA
Ange-Gardien	QC	Projet Ange-Gardien	Agriculture		RNG	Qarbonex	Substantial Development	Not available	Not available	2024
Berthierville	QC	EBI - Rive Nord	Landfill		RNG	EBI Energie	Online	Membrane	Honeywell	2003
Candiac	QC	ADM (Archer Daniels Midland)-Agri-Industrie	Agriculture		RNG	NA	Online	PSA	Guild	2021
Chicoutimi	QC	GFL Environmental Inc (before Matrec)	Landfill		RNG	Matrec	Proposed	Cryo	Waga	2022
Cowansville	QC	Cowansville	Commercial		RNG	Bahler Biogas	Under Construction	PSA	Xebec	2022
Cowansville	QC	matière résiduelles de Brome-Misissauoi	Landfill		RNG	Waga Energy	Under Construction	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	2024
	QC	Bioenergie Hébertville	Agriculture		RNG	Keridis	Under Construction	Not available	Not available	NA
La Salle	QC	organiques (CTMO) SUD : Centre de	SSO		RNG	NA	Substantial Development	Not available	Not available	2025
Lachine	QC	Confidential	Agriculture		RNG	Confidential	Proposed	Not available	Not available	NA
Lachute	QC	Bioénergie Lachute	Agriculture		RNG	Keridis	Under Construction	Not available	Not available	NA
Laurentides	QC	Bioenergie des Sources	Agriculture		RNG	Keridis	Under Construction	Not available	Not available	NA
Laval	QC	Station La Pinière	SSO		RNG	NA	Substantial Development	Not available	Not available	2023
Mirabel	QC	Confidential	Agriculture		RNG	NA	Substantial Development	Not available	Not available	2024
Monteregie	QC	Ferme du Grenier Gardangeois inc.	Agriculture		RNG		Under Construction	Not available	Not available	NA
Montreal	QC	CTMO EST	SSO		RNG	Suez	Substantial Development	Not available	Not available	2022

City	Province	Project Name	System Type	Comments	Biogas Usage	Project Company	Status	Upgrading type	Upgrading technology	Date
Montreal	QC	Montreal Organic Waste Treatment Centre	Landfill		RNG	Suez	Substantial Development	Membrane	Suez	NA
Montreal	QC	Labatt Brewery	ICI		RNG	Labatt	Under Construction	Not available	Not available	NA
Neuveville	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	Online	water adsorption	Greenlane	2022
Rivieres-du-Loup	QC	SEMER	SSO		RNG	SEMER	Under Construction	Chemical Adsorption	Not available	2022
Saguenay	QC	Agriméthane Saguenay	Agriculture		RNG	Boivin, Ausime Energie	Substantial Development	Not available	Not available	2024
Sainte-Sophie	QC	Waste Management	Landfill		RNG	Waste Management	Substantial Development	Not available	Not available	2023
Saint-Felicien	QC	Domaine-du-Roy	Woody Biomass	(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
Saint-Pie	QC	Qarbocycle	SSO		RNG	Qarbonex	Substantial Development	Not available	Not available	2023
Saint-Pie	QC	CTBM	SSO		RNG	CTBM	Online	PSA	Xebec	2022
Salaberry-de-Valleyfield	QC	Energie Forma+ Project	SSO/MSW		RNG	Forma+	Substantial Development	Not available	Not available	NA
St-Albert	QC	Bioenergie St-Albert	Agriculture		RNG	Keridis, Partnership with Ferme Landrynoise	Under Construction	Not available	Not available	NA
Ste-Étienne des Grès	QC	Ste-Étienne des grès Landfill	Landfill		RNG	Waga Energy, Enercycle	Online	Cryo	Waga	2022
Ste-Sophie-de-Levrard	QC	Groupe Bioénertek inc.	Agriculture		RNG	Groupe Bioénertek inc.	Substantial Development	Not available	Not available	2023
Terrebonne	QC	Vision Enviro Progressive (before BFI Usine de triage Lachenaie)	Landfill		RNG	BFI	Online	water adsorption	Greenlane	2015
Trois-Rivières	QC	Enercycle	SSO		RNG	Enercycle	Substantial Development	Not available	Not available	NA
Varenes	QC	SEMECS	SSO	Expansion to the existing facilities announced which include 3 new digesters and an Energir gas transfer platform	RNG	CCI Bionergy	Online	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	Green Gas	Online	Membrane	AirScience (Pyro-Green)	2021

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