

Peel Renewable Natural Gas Centre

Anaerobic Digestion Facility Project

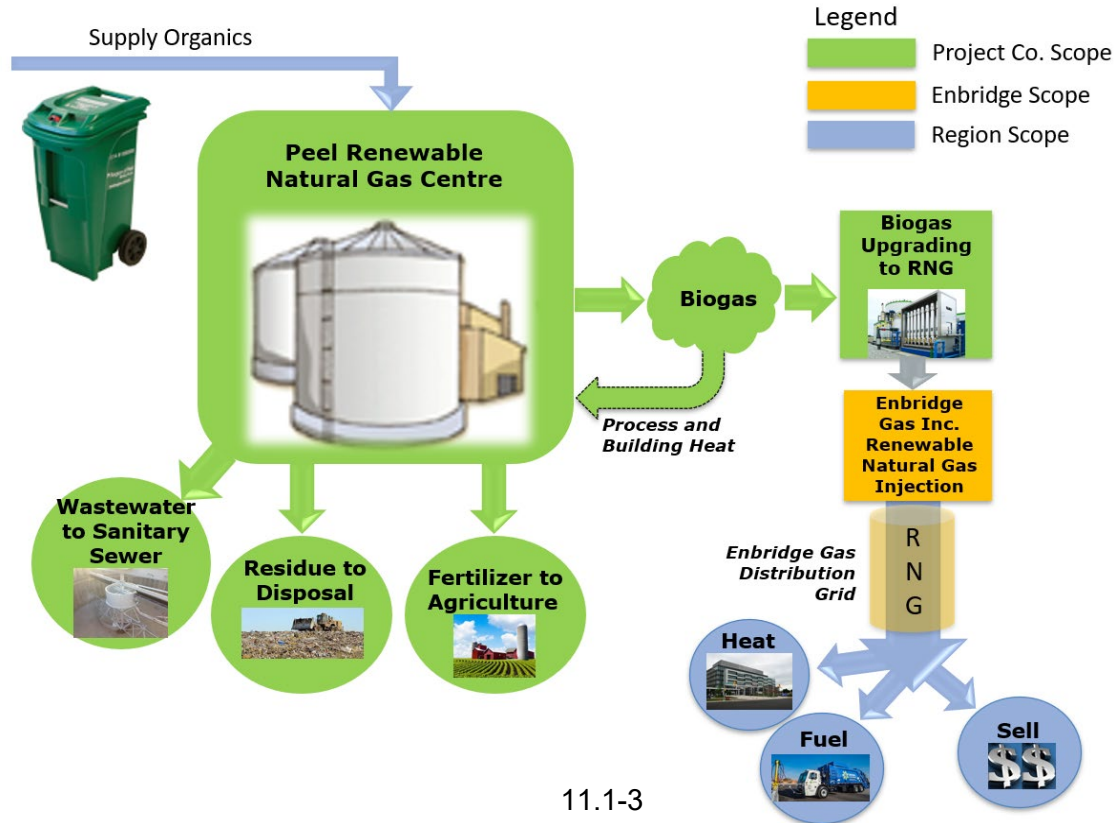
Norman Lee,
Director, Waste Management
Region of Peel



Project Background

- In 2017, Regional Council approved:
 - The development of an Anaerobic Digestion Facility (the Peel RNG Centre) as part of the Region's long-term waste management strategy
 - The strategic terms defining the roles and responsibilities of the parties and the performance requirements of the project
- In 2019, Regional Council approved the acquisition of 125 Orenda Rd. in Brampton where the facility will be built

Project Overview



Project Benefits

- Replaces existing aging composting infrastructure
- Allows addition of diapers and pet waste
- Produces certified fertilizer and RNG
- Helps achieve Peel's 75% diversion target and Provincial organics diversion targets
- Supports the Region's Climate Change Master Plan

Procurement Process and Next Steps

- Competitive procurement process
- Contract to be awarded at Regional Council
- Next steps:
 - Evaluation of proposals
 - Recommendation report to Council
 - Finalize and execute all agreements

Enbridge Biogas Services Agreement

- Enbridge to inject RNG into natural gas distribution system.
- Staff negotiating a Biogas Services Agreement to be presented to Council for approval in July.

Key Risks and Mitigation Plan

Key risks identified in the report include:

- Utility cost increases beyond CPI
- Permitting delays
- Quantity and Quality of Organics

Next Steps

- Recommendation Report to Council July 8, 2021
- Award of Contract

Thank you

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