

MEETING MINUTES

OBJECTIVE	Brooksdale Energy Inc. Community Engagement Plan		
MEETING DATE/TIME	November 27, 2023 2:00 pm – 2:30 pm	ISSUE DATE	November 28, 2023
LOCATION	MS Teams	PREPARED BY:	Crystal Webster

MATTERS DISCUSSED	
GENERAL AREA	DISCUSSION
INTRODUCTIONS	<ol style="list-style-type: none"> 1. Brooksdale Energy Inc. <ul style="list-style-type: none"> • Provided a high-level overview of the company 2. 2-G Energy <ul style="list-style-type: none"> • Provided a high-level overview of the company 3. IESO <ul style="list-style-type: none"> • High-level overview of the IESO and capacity requirements in Ontario • Highlighted the peak requirements during summer and winter hours • High-level review of the IESO LT1 program, including the identified targets for the project and schedule of the program
THE PROJECT	<ol style="list-style-type: none"> 2. The Long-term Reliability Proposed Project <ul style="list-style-type: none"> • Project Name – Brooksdale Energy • Nameplate Capacity – 4.74 MW • Generating Technology – Biogas/RNG Fired, Reciprocating Engine Power Generator • Project Description <ul style="list-style-type: none"> • Brooksdale Energy is a 4.99 MW Biogas/RNG fired power generation facility that will be located at 356508 35th Line, Embro ON N0J 1J0, using proven technology to generate and supply electricity to the Ontario electricity grid to increase its capacity and reliability. Connection will be on the Hydro One Network via the M46 feeder connected to the Ingersoll TS. • The project site will be located on a section of the Greenholm Farms property which has an existing biogas facility that produces electricity for the IESO controlled grid under a FIT contract. Future plans will include expansion to produce Biogas/RNG onsite to power the new power generation facility and satisfy the requirements of the Clean Electricity Regulations. 3. A scale map of site boundaries and location including the location of the connection Point and approximate location of the connection line <ul style="list-style-type: none"> • Review of the proposed layout and footprint that is proposed for the project

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	<p>4. Safety & Operational Considerations</p> <ul style="list-style-type: none"> • Operation will be based on the needs of the grid and dispatched by the IESO • Air emissions to be controlled to Ministry of Environment standards via SCR • Mitigated noise emissions in accordance with the Ministry of Environment approval <p>5. Schedule</p> <ul style="list-style-type: none"> • Review of completed progress, current state and future plans <p>6. Opportunities & Engagement</p> <ul style="list-style-type: none"> • Focus on resiliency and reliability to the local Mapleton area • Higher efficiency and lower emissions than the larger, gas turbine-based generation facilities • Local job creation during construction and additional revenue resulting in improvement to long-term economic viability <p>7. Legal name and contact Brooksdale Energy Inc. 356508 35th Line Embro ON N0J 1J0 Dave Green 519-535-8999 greenholmfarms@gmail.com Dan Jones 519-760-9477 d.jones@2-g.com Milton Maragh 226-558-3910 m.maragh@2-g.com</p> <p>https://2gpower.ca/brooksdale-energy-limited/</p>
DISCUSSION	<p>8. Q & A opportunity to ask questions</p> <p>Is it just a big shop with motors in it, basically? More purpose built enclosures. Similar to 2 sea cans side by side.</p> <p>Are you going to run lines underground for the biogas? Yes, we will be pulling lines.</p> <p>Is there any reason that that it can't go on the other side of the digesters, like closer to the embryo Rd? No, there's no restraint there.</p> <p>Based on our calculations, these engines will be dispatched between 10 and 20 times a year running on average 3 hours each time. This is just hold the grid together when it's unstable or there's a constraint somewhere, so it's really about there's not going to increase a lot of traffic, so they're pretty static.</p> <p>Reviewed size and layout of site.</p> <p>Concern with the biogas side of it is the other thing is coming out of those engines like the sulfur, carbon monoxide, CO2. The CO2 is reduced as a result of the methane capture. Essentially, when you're using biogas, you are taking methane gas, which is 21 times</p>

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	<p>worse for the environment that's already been released. And what you're doing is turning that into CO2. So from methane that is really bad for the environment over to CO2, which is a lot less. Those methadones would be released anyways in the environment and by using biogas that's you're eliminating. So environmentally you are doing a better thing.</p> <p>There is flexibility to change the exact location of the site, but we cannot change the connection point electrically speaking.</p> <p>These engines are only going to be run when, during peak demand, when Hydro 1 requires and by our calculation, we're looking at up to at the most 1200 hours a year that would be the top end, but more than likely are a lot less than that.</p> <p>Stray voltage? The installation of new and heavier lines should theoretically reduce the chance of stray voltage in the area. It will do this by creating a better path of return to the Distribution System through grounding and neutral. I did tell him that I would confirm with our electrical engineer when he is back from holidays</p> <p>Will check into moving the location of the engines further away from the neighbouring residences</p> <p>Increased traffic on the 35th line. The infrastructure of the LT1 project will only increase truck traffic in a small way. Likely one compressed RNG truck per week . Increased organic waste due to Greenholm Powers digester operation will not increase past the regulation limits through the nutrient management act. If we did need to increase organics much we would need to move to an ECA instead of Nutrient Management Act. This would entail Environmental Compliance and Environmental studies. Most of the increase in gas needed for Brooksdale energy to run will come from increased digester retention time as well as gas storage. Because the engines are running for short periods of time gas will be stored and stock piled while the engines are not running.</p> <p>The structure of the LT1 does not lend itself to expandability. It is a set contract for a set capacity for a set time period.</p>
CLOSING	9. Closing remarks

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