



Proposed eReserve5 Battery Storage Project

VIRTUAL COMMUNITY OPEN HOUSE

THURSDAY, JANUARY 20TH, 2022

6:00 PM-8:00 PM (VIA ONLINE AND PHONE)

PRESENTATION AND Q&A

MUNICIPAL DISTRICT OF PROVOST NO. 52 | HUGHENDEN, AB

WELCOME

We are here to provide information about the proposed project and answer your questions.



Introduction

- TERIC Power Ltd. (“TERIC”) is an Alberta-based Independent Power Producer with a business focus on developing specialized portfolios of clean power generation projects.
- In business since 2013, TERIC currently operates in both Alberta and Saskatchewan with several waste-gas to power generation sites, and a number of combined heat and power (CHP) units.



TERIC believes in developing clean energy projects that are economically and environmentally positive.

What is the eReserve5 Battery Storage Project?

Owner Name	TERIC Power Ltd. eReserve5
Location	3 km Southeast of Hughenden, Alberta
LSD	SW-03-41-07-W4M
Type & Size	20MW/35MWh Battery Storage
Technology	Lithium-ion Cells
Footprint	~3 Acres
Interconnection	Powerline to Feeder 2202L

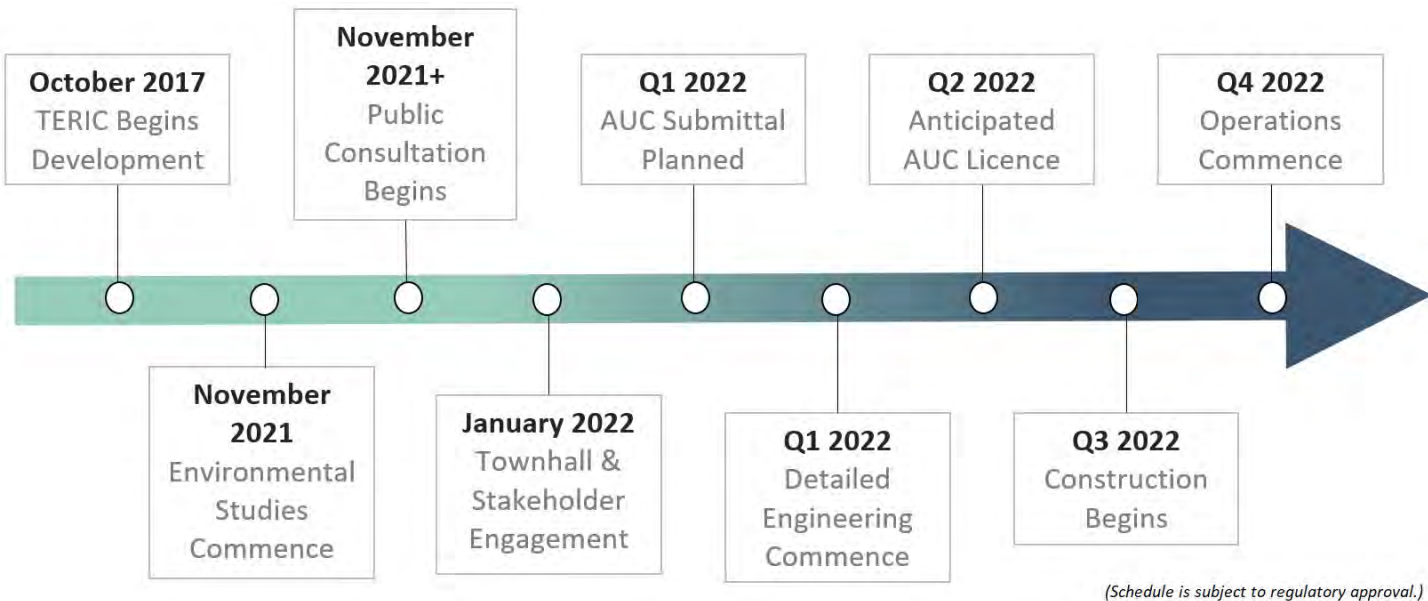


Why Battery Storage?

- As more renewables enter the market, the grid becomes more unstable due to the lack of predictability (wind) and commonality (solar).
- eReserve5 will store grid power, and then return the power as the Alberta Electrical System Operator (AESO) requires, generally in times of high demand.
- Storage projects within Alberta can preclude the need to build additional transmission/distribution lines.

eReserve5 will improve reliability for the Alberta electrical grid.

Project Schedule



Public consultation will continue through the entire lifecycle of the project. TERIC believes in an open, honest, transparent and timely conversation from development through to operations and decommissioning.

** This proposed schedule may be subject to change, given project progress. TERIC commits to update stakeholders in a timely manner for important timeline changes.*

Community Benefits

Municipal Tax Revenue

- Project will generate municipal tax revenue that will contribute to the tax base for the Municipal District of Provost No. 52 while requiring minimal municipal services.

Employment

- Construction jobs for electricians, equipment operators, labourers, specialized trades, site managers and engineers.
- On-going site services once the project is operational – project operator, electricians, and vegetation control.

Materials, Supplies and Local Services

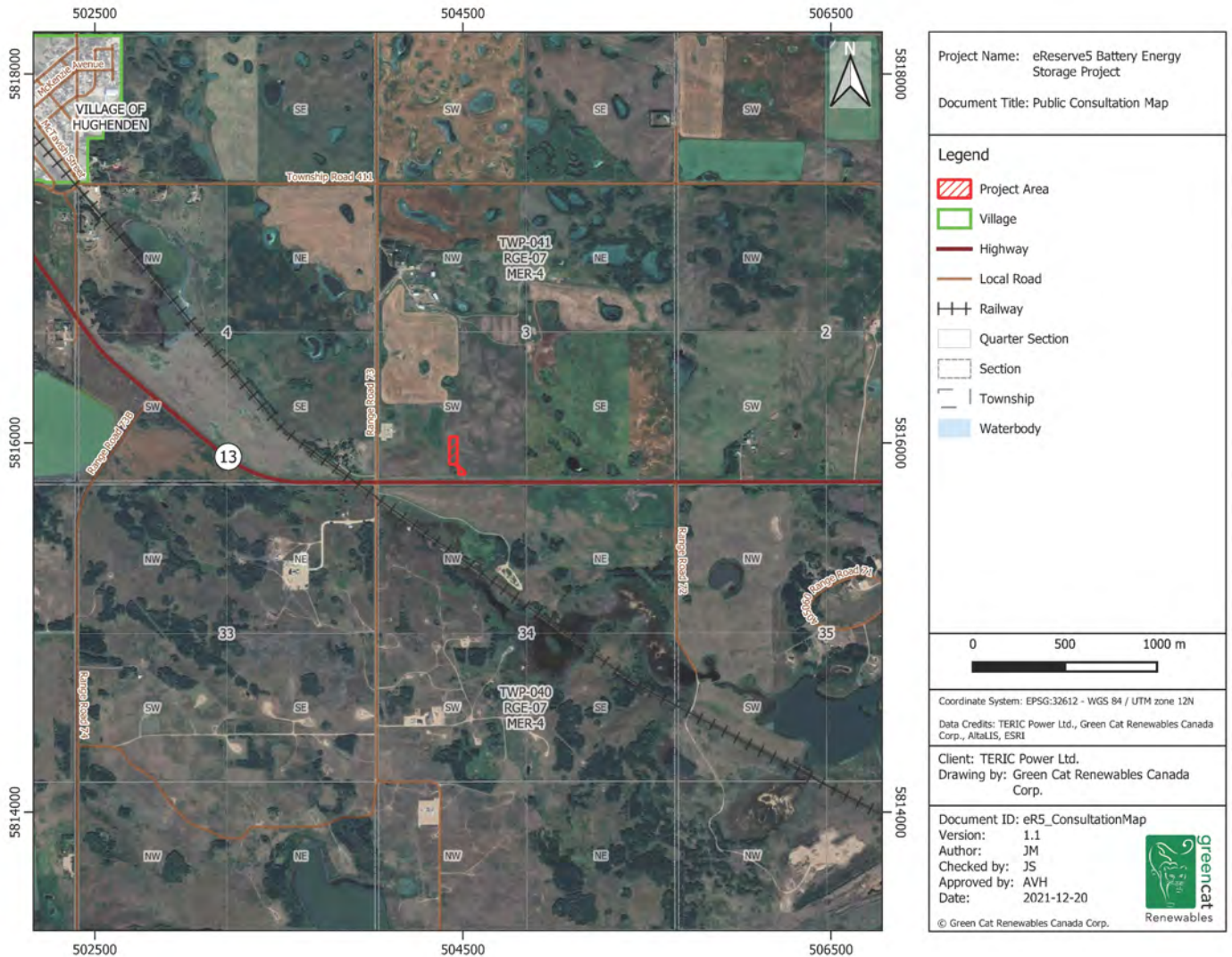
- Procurement of materials, supplies and local support services during the construction and operations phases, such as accommodations and food services for workers where feasible.

Environmental

- An environmental assessment was initiated in November 2021, which includes:
 - Pre-disturbance wildlife and habitat studies: general species inventory, sensitive species and habitat features, and migratory birds.
 - Within the range of one sensitive species (sharp-tailed grouse), however suitable habitat is not present within the Project area.
 - Review of environmentally sensitive or protected areas.
 - Vegetation species and communities studies.
 - Invasive species assessment and management plan to be implemented prior to construction.
 - No wetlands or waterbodies within 100m of the site.
 - Groundwater review.
 - Air quality review.
 - Detailed site assessment to be completed prior to construction to support interim and final reclamation.
- The data collected through the field studies provide a baseline and confirm that no environmental concerns are identified.
- Consultation was performed with Alberta Environment and Parks (AEP).



Site Map



Regulatory Approvals

Alberta Utilities Commission (AUC)

- Under Rule 007 – Applications for Power Plants, Substations, Transmission lines, Industrial System Designations, Hydro Developments and Gas Utility Pipelines.
- Established and robust stakeholder consultation process.

Alberta Environment and Parks (AEP)

- Environmental, wildlife/wetland studies to be completed in consultation with the AEP.

Alberta Culture and Tourism

- A Historical Resources Impact Assessment (HRIA) was conducted in November 2021, where no historical, archaeological, or paleontological impacts are anticipated for this Project that have a Historical Resource Value.

Municipal District of Provost No. 52

- Development and building permits will be applied for before construction.



Stakeholder Consideration

Noise

- A Noise Impact Assessment will be completed to ensure the project is compliant under AUC Rule 012: Noise Control.
- Compliance with municipal rules regarding work-hours during construction period.

Traffic

- During construction, the site will receive a number of semi-sized loads to bring the modular equipment into site, as well as project staff accessing the site with light duty pickup trucks.
- Operation of the facility will not increase local traffic, with TERIC technicians periodically accessing the site from Alberta Highway 13.

Visual Impact

- The facility will have a low observable presence due to the low height, scale and neutral line of sight positioning. The containerized units and buildings will be painted in a neutral colour.

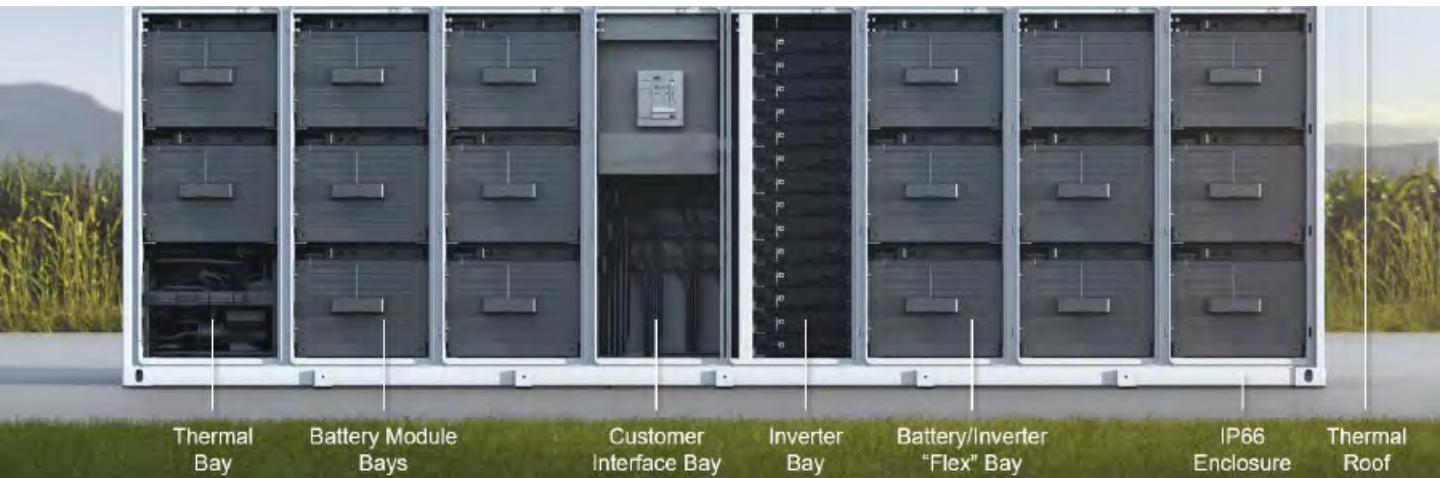
Safety

- Safety equipment and measures will be installed to mitigate risks such as rupture, explosion, fire, and leakage.
- eReserve5's Emergency Response Plan defines pre-planned procedures in the unlikely event of an emergency. TERIC is working with local area fire and rescue services to review.

Decommission & Reclamation

- Following the Project's lifecycle, TERIC's decommissioning and reclamation plans address activities related to the restoration of any disturbed land to their former use, in compliance with current Alberta regulations.

Grid Scale Battery Technology



- Lithium-ion battery technology is a safe, reliable and proven technology used around the world for the efficient storage of electricity.
- Globally there is over 3,000MW of installed battery storage capacity.
- Lithium-ion makes up 85% of all installed batteries globally.
- TERIC is working with the top-tier global manufacturers of battery storage technology to select the battery equipment for this Project. We will choose a supplier with an established history of installations for battery equipment with considerations for operational efficiency, safety, construction quality, and a proven reliability record.

eReserve5 Project Lifecycle



A Multi-Decade Long Project

- The project is expected to be operational for 20+ years with the original batteries that will be installed.
- During the lifecycle of the Project, the project may be refurbished, which proposes using some of the existing components and replacing/upgrading others, where needed.
- At the end of the project life:
 - Decommissioning will occur. All surface equipment will be recycled or salvaged.
 - All ground infrastructure will be removed, and the land will be returned to the same condition prior to construction as defined by applicable laws, standards and regulations at the time of reclamation.

Questions or Feedback?

- We encourage you to speak to any of the representatives here today for more information on the Project.
- TERIC is committed to sharing all available information about the project and working with members of the public to ensure that stakeholder input and concerns are heard and addressed.
- If you have a comment or question, please contact us below via a phone call or email.

eReserve Battery Storage Project website:

<https://ereserve-project.com/>

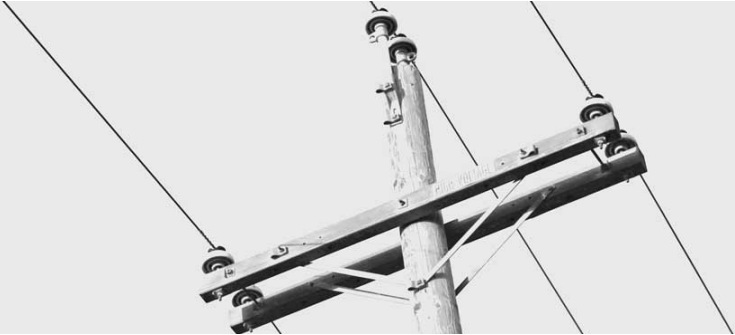
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Learn more about TERIC Power
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<https://www.tericpower.com>