



Welcome

Thank you
for coming to

Municipality of Bluewater Community Information Session

July 30, 2026

Acknowledgements

Bedrock Energy Corp. and Capstone Infrastructure Corporation acknowledge their Compressed Air Energy Storage project in Bluewater, Ontario is situated within Treaty 29 territory. Through early-stage development, the Project has established and maintained meaningful dialogue with Aamjiwnaang First Nation, Chippewas of Kettle and Stony Point First Nation, Walpole Island First Nation and Chippewas of the Thames First Nation in an effort to reduce and eliminate project impacts.

We are proud to continue in our collaborative process as this project reaches maturity.

Our Thanks to Bluewater

Bedrock Energy Corp. and Capstone Infrastructure Corporation would like to take this opportunity to thank the Municipality of Bluewater, from Council and Staff, to the local residents here this evening. Building for the future is a process, one that requires open dialogue long before an electron flows through our system.

It requires an openness to new solutions for new challenges; it requires a curiosity to ask and learn how Bluewater can be a leader in meeting those challenges.

For everyone here tonight, and all those who continue to inquire, thank you. Your thoughtful input continues to help guide our project in a collaborative way and we look forward to being partners with this community.

ABOUT BEDROCK

Bedrock is an
**Ontario
company**
incorporated
in 2017

THE PROJECT

Bedrock's Compressed
Air Energy Storage
(CAES) is a **solution to
Ontario's energy
storage problem**

OUR EXPERTISE

Extensive expertise in
land use planning,
project management,
legal, financial,
engineering,
environmental &
regulatory disciplines

OUR OBJECTIVE

Deliver an energy storage
project that provides **safe,
reliable and green power**
while helping Ontario
reduce the cost of
electricity and meet its
climate goals

LOCATIONS

Approved by the
Ontario Energy Board
(OEB) in 2020 for
natural gas storage,
making the reservoirs
ideal for CAES

A Partnership to Deliver the Project

Bedrock Energy Corp. originated and has advanced the Bayfield and Stanley compressed air energy storage (CAES) project. **Capstone Infrastructure Corporation** — an experienced Canadian independent power producer — has joined the project to help bring it forward, including preparing it for Ontario's IESO Long Lead-Time (LLT) energy storage procurement.

What Bedrock brings

- Local project origination and development since 2017
- Reservoir, engineering and technical expertise
- Established landowner and community relationships

What Capstone brings

- 20+ years developing, owning and operating power projects
- Financial strength and long-term ownership
- Construction and operations excellence

Capstone at a Glance

Generating our low-carbon future.

Clean and renewable energy is our business, and our people are our greatest asset. We're here to drive the energy transition forward through creative thinking, strong partnerships, and a commitment to quality and integrity in how we do business.

Headquartered in Toronto, Capstone is a Canadian developer and long-term owner-operator of renewable and thermal power projects from coast-to-coast — including wind, solar, run-of-river hydro, biomass and natural gas cogeneration.

> 1 GW

Gross installed operating capacity

> 5 GW

Development pipeline across Canada

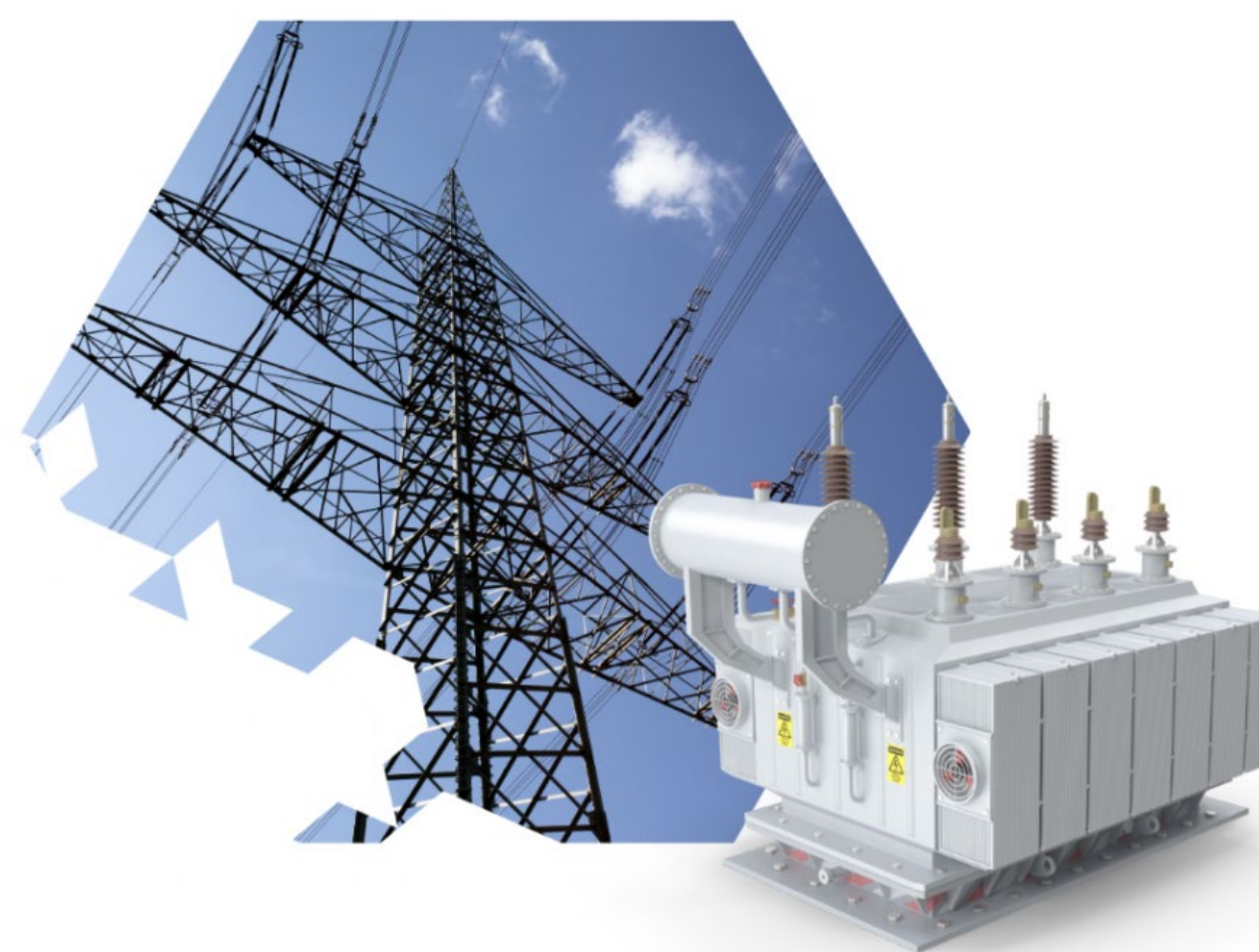
36 facilities

Proven operational & HSE track record



CAES

COMPRESSED AIR ENERGY STORAGE



COLLECT SURPLUS ENERGY

During off-peak hours, energy generation is high while demand is low. This surplus energy is currently unused by Ontarians.

CAES is a great way to **store surplus energy**.



POWER THE COMPRESSORS

Collected surplus energy powers a series of air compressors to **store energy as compressed air** in naturally-occurring underground reservoirs, which are geologically able to handle extremely high pressures and temperatures



SAVE FOR LATER & RELEASE ON DEMAND

When energy demand is high, the compressed air is released to provide **clean, sustainable and reliable energy** for Ontario's energy grid for use by residences and businesses.

POTENTIAL BENEFITS



Ratepayers

- Bedrock's CAES will **save Ontario ratepayers** upwards of \$100M annually, +\$5B over the project life
- Repurposing surplus green energy will also help **stabilize energy prices** for ratepayers



Environment & Innovation

- Our Bayfield and Stanley locations feature **natural underground reservoirs**, capable of storing enough compressed air to power 624k homes across Ontario
- With our **tested and proven technology**, Bedrock's CAES solution is an **emissions-free solution** which puts Canada at the forefront of innovative green technology



Community Benefits

- **Hundreds of jobs** will be created during construction, with approximately 40 full-time jobs once operational
- Project **contributes more than \$80m to Bluewater's revenues** through property taxes and Community Benefits payments

624k

Homes Powered

100's

of Skilled Jobs for Ontario

\$100m

Saved by Ontarians

Overall Site Layout

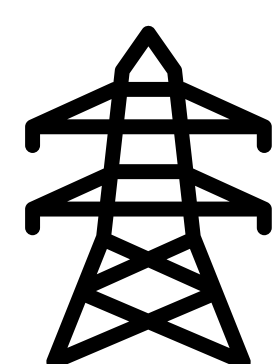
The location was chosen for the Bayfield and Stanley reservoirs — porous rock formations over 400 million years old that safely held natural gas for decades — which can store compressed air deep underground, and for its position adjacent to the 500 kV Hydro One transmission line.



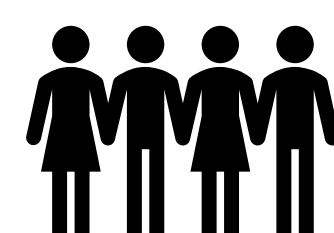
- Notes**
- 1. Coordinate System: NAD 1983 UTM Zone 17N
 - 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2019.
 - 3. Orthoimagery © First Base Solutions, 2018. Imagery Date, 2010.



Choice of Location & Alternatives Considered



Location of facility in close proximity to 500 kV transmission lines



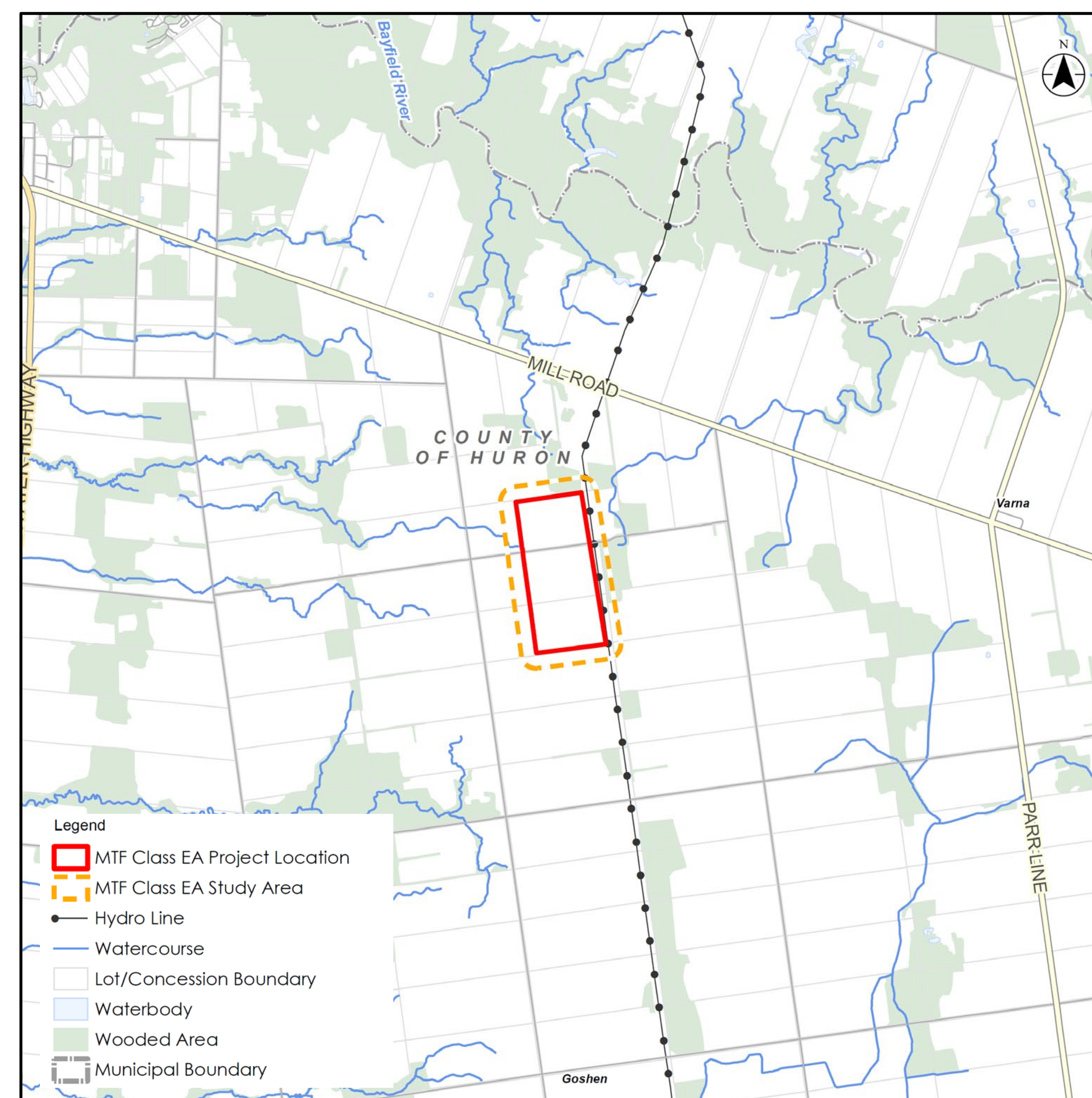
Supportive landowner involvement
- All landowners are in agreement on the facility location

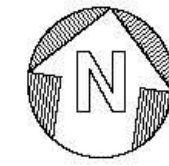


Avoids existing infrastructure and privately-owned structures



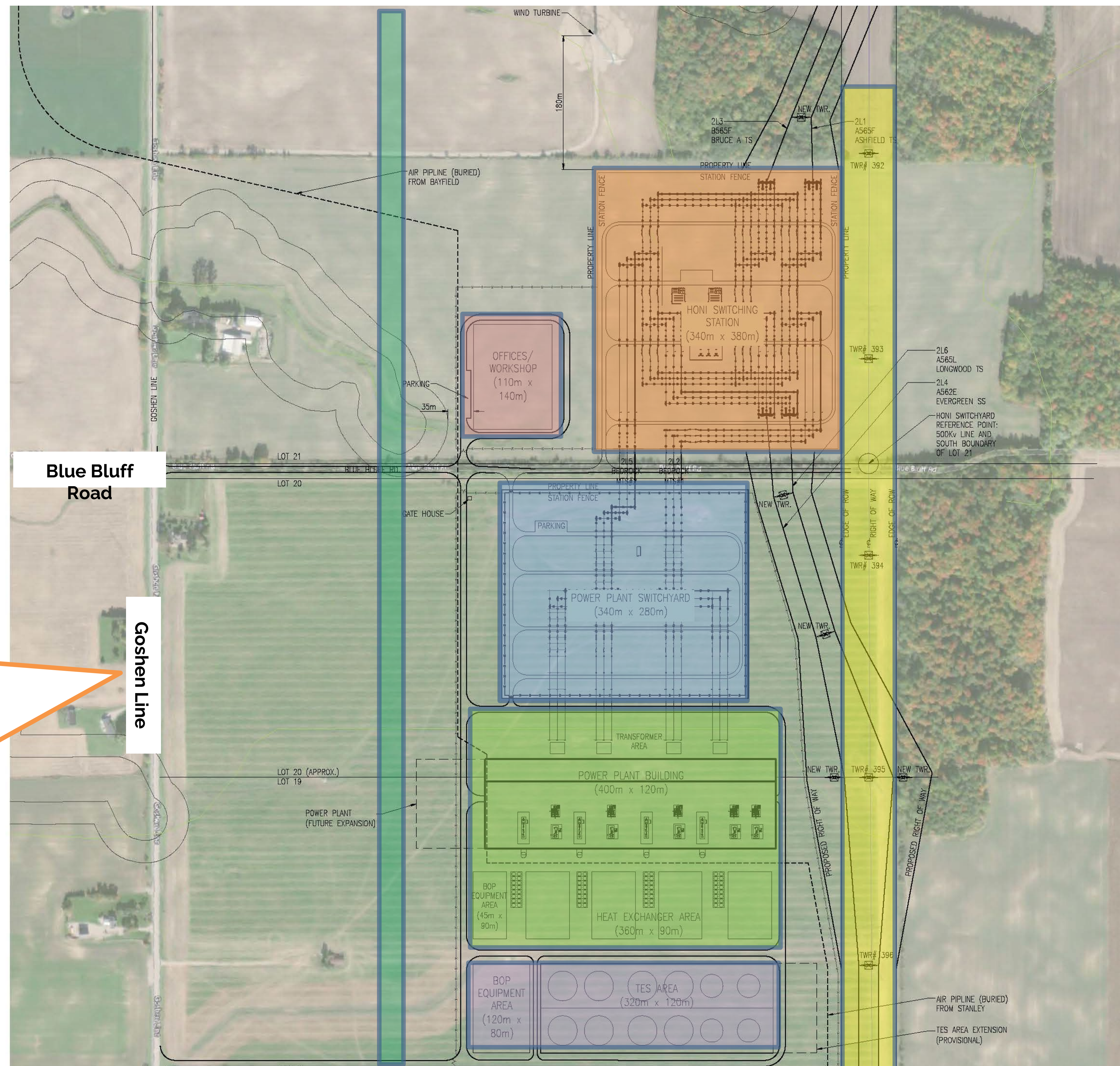
Reduced impacts to environmental features. Agricultural Impact Assessments, to the satisfaction of Bluewater and IESO will be conducted.





TOPSIDE FACILITIES SITE LAYOUT

- HONI Switching Station
- 500 kV Corridor
- Office Building
- Bedrock Switchyard
- Power Plant
- Thermal Storage
- Berms



Access to Goshen Line will remain open during construction and repaved (as needed) post-construction at no cost to the municipality

The site will be secured with fencing and security measures plus enclosed with berms and landscaping for a visual barrier

Approvals Upon Contract Award with the IESO, Prior to Construction

1

Site Plan Approval from Municipality of Bluewater

2

Minor Transmission Facility Class EA + Environmental Activity and Sector Registry (EASR) for noise, both to be obtained from the Ministry of the Environment, Conservation and Parks (MECP)

3

Ausable Bayfield Conservation Authority (ABCA) permits

4

Approval under Ontario Reg. 245/97 (Compressed Air Energy Storage in Porous Rock, via Ministry of Natural Resources)

5

Applicable building permits with the County of Huron and Municipality of Bluewater

6

Agricultural Impact Assessments Phases 2 and 3 (As per OMAFA and IESO)

Project Timeline – Major Project Milestones

Based on the IESO LLT Procurement requirements, project would begin operations in 2032.

Deliverable	Status	Date/Duration
Landowner Consultations and Land Acquisitions	In Progress	Q1 2017 – Q3 2026
First Nation Consultations	Ongoing	Ongoing
IESO LLT Bid Submission Due Date	In Progress	November 26, 2026
IESO LLT Target Date to Notify Selected Proponents	Planning Phase	May 25, 2027
Development Approvals (Site Plan, MNR, MECP, Permits, etc.) to begin based on receiving an IESO contract	Planning Phase	Q2 2027 – Q1 2029
Well Drilling	Planning Phase	To begin two years following government contract
Construction and Commissioning	Planning Phase	To begin 2.5 years following government contract, 34-month duration
Commercial Operation Date (COD)	-	Minimum 5 years from government contract, planned for 2032

We Want to Hear From You

Bedrock Energy Corp. and Capstone Infrastructure Corporation are committed to open dialogue and to building strong, lasting relationships with the Municipality of Bluewater and the surrounding community.

Your questions and feedback help shape the project. Please speak with one of our representatives here today, or reach out to us:

Project website: bedrockenergycorp.com

Email: media@bedrockenergycorp.com

Capstone Infrastructure: capstoneinfrastructure.com

Please remember to fill out a comment form before you leave.