

IKAYUUT

SOLAR AND ENERGY STORAGE PROJECT

Naujaat, NU

A brighter future with sustainable energy

PROJECT OVERVIEW

Introducing a new solar energy project that will provide 30% of Naujaat's electricity with locally-produced clean energy, reducing community reliance on diesel fuel and preserving the natural beauty of the Kivalliq Region.

PROJECT BENEFITS

Harnessing Renewable Solar Power in Spring/Summer/Fall



Providing Energy Storage in Winter and at Night



Reduced diesel reliance



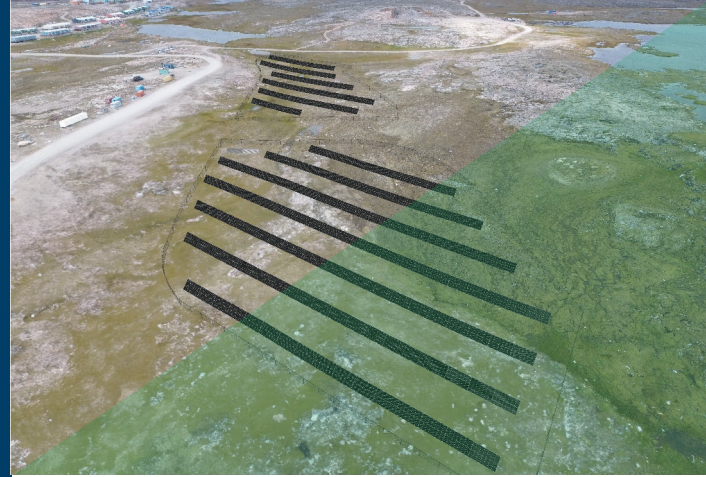
Reduced carbon emissions and diesel spills



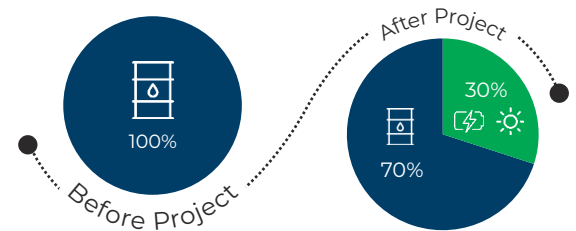
Local Jobs & Training



Community Energy Independence



ENERGY PRODUCTION

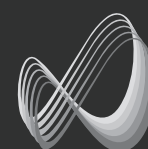
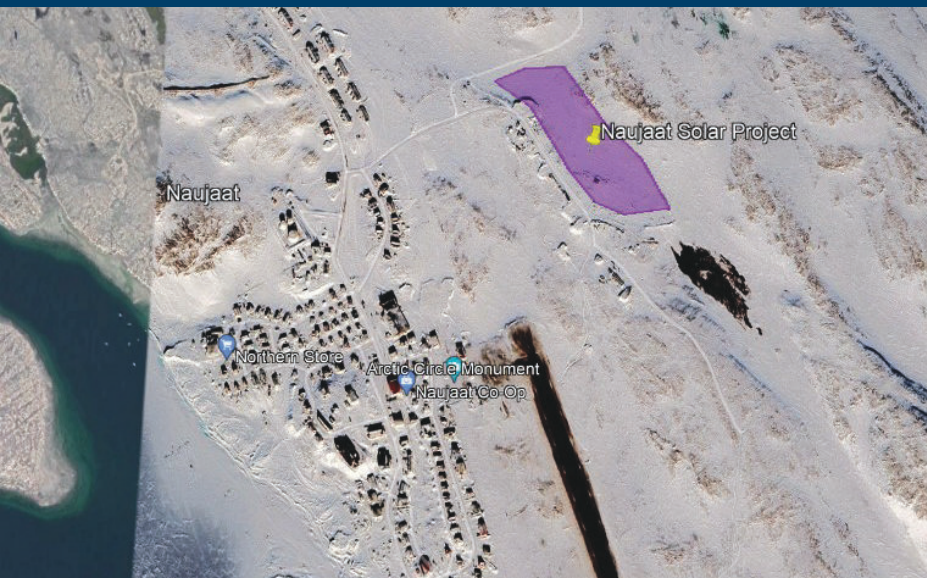


KEY INFORMATION

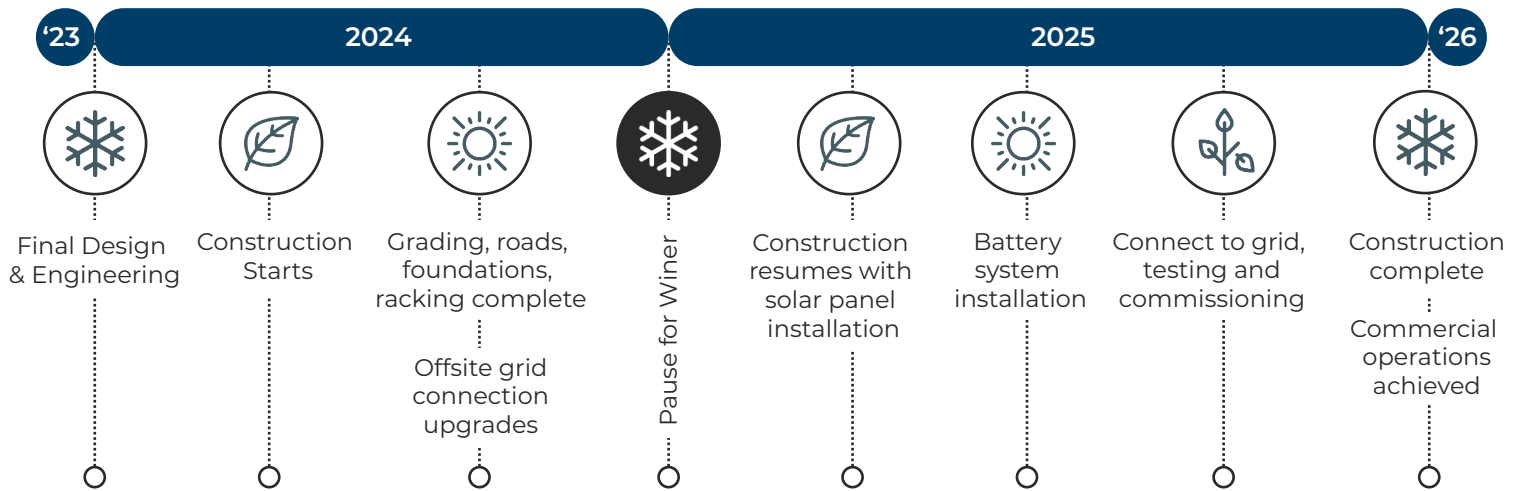
- ▶ 1.4 MW Solar Energy & 1 MWh Battery Storage
- ▶ 1600 MWh/year of electricity produced
- ▶ 400,000 L/year of diesel displaced
- ▶ 30,000 tonnes of CO₂ reduced over lifetime of project
- ▶ Peak Production: March - August
- ▶ 25-year project lifespan

PROJECT LOCATION

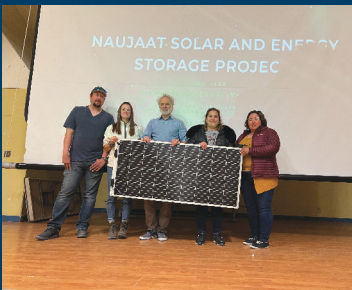
- ▶ Located east of airport
- ▶ Environmental screenings complete with Government of Nunavut
- ▶ 4-hectare project area
- ▶ 70m of new access road to site
- ▶ 10-15 rows of south-facing solar panels



KIVALLIQ
ALTERNATIVE
ENERGY

 FALL

LOCAL OPPORTUNITIES



Temporary Construction Positions:

- Multiple positions for skilled labour (electrician, equipment operators) and general construction labourers
- 2 seasons, starting Spring 2024

Permanent Operations Positions:

- 1-2 local positions, with on-the-job skills training
- Snow clearing, equipment maintenance and repair, administration
- 25+ year project lifespan, starting late 2025

STAY INFORMED



Contact Information

contact@kivalligalternativenergy.com



Website

www.kivalligalternativeenergy.com



Please **check our website**

or with the Hamlet for upcoming public information sessions and hiring opportunities

This project is a step towards a brighter, cleaner future for Naujaat.

Join us in this journey.

PROJECT PARTNERS



Sakku Investments Corporation

ኢኮኖሚክስ ለጥያቄው ምላሽ



N O R T H E R N
E N E R G Y
C A P I T A L



NUNAVUT CLIMATE
CHANGE SECRETARIAT

CHANGE SECRETARIAT
www.ClimateChangeNunavut.ca