

Coral Harbour Project Overview

- 960 kW solar energy with 1MWh battery storage system
- Project specifications:
 - 2.5 ha (6.5 acre) project area
 - 10 rows of panels
 - 110m of new road
- Construction: 2024 - 2025
- Project lifetime: 30 years or more





Inverter Unit



Sakku Investments Corporation
ᓕᓄᓐ ᓂᓂᓄᓐᓂᓐ ᓄᓂᓂᓐᓂᓐ



NORTHERN
ENERGY
CAPITAL



ᓄᓂᓂᓐᓂᓐ ᓂᓂᓄᓐᓂᓐ ᓄᓂᓂᓐᓂᓐ
NUNAVUT CLIMATE CHANGE SECRETARIAT
NUNAVUNMI HILAUᓂᓐ ᓂᓂᓄᓐᓂᓐ ᓂᓂᓄᓐᓂᓐ
SECRETARIAT DU CHANGEMENT CLIMATIQUE DU NUNAVUT
www.ClimateChangeNunavut.ca

Energy Production

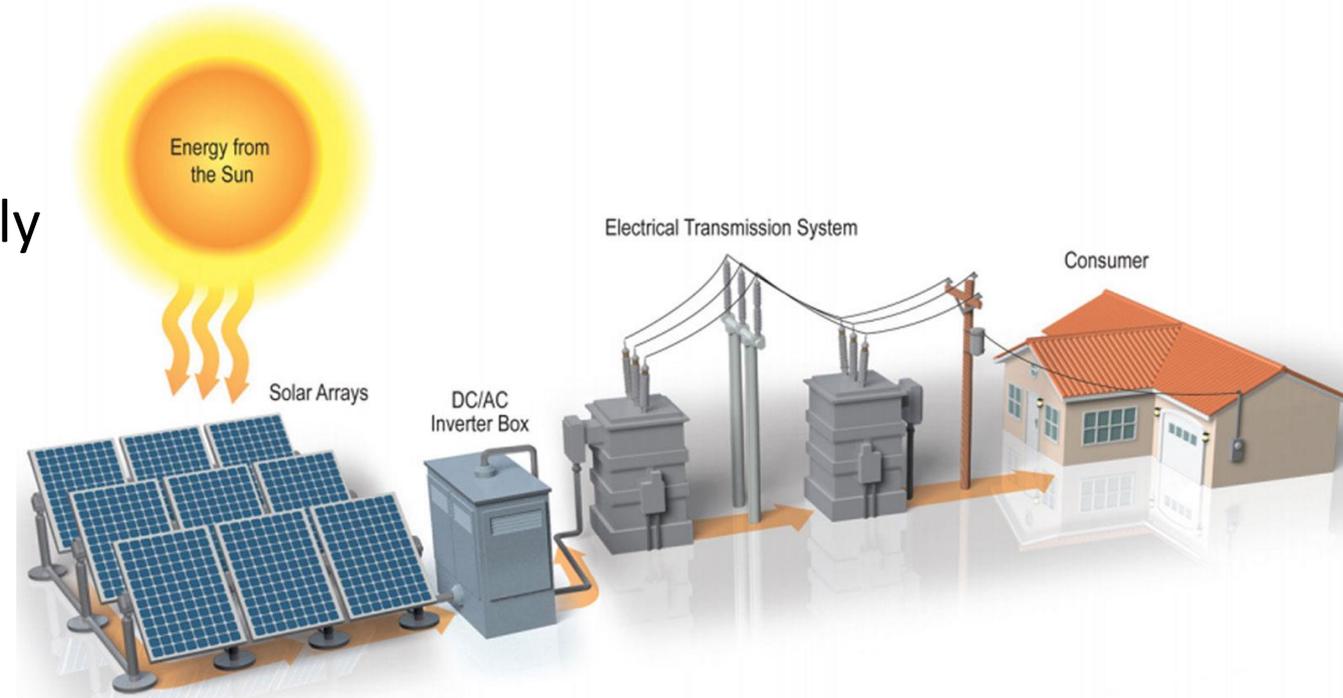
Solar energy from the sun to power homes & businesses

1596 MWh/year of electricity produced

- 31% of Coral Harbour total annual electricity demand
- Equivalent of about 200 homes/year

360,000 L of diesel displacement annually

- Over Project lifetime:
 - 10.8 Million L of diesel displacement
 - Over 28,000 tones of CO₂eq



<https://www.renewwisconsin.org/solarfarms/>

Environmental Considerations



Pros

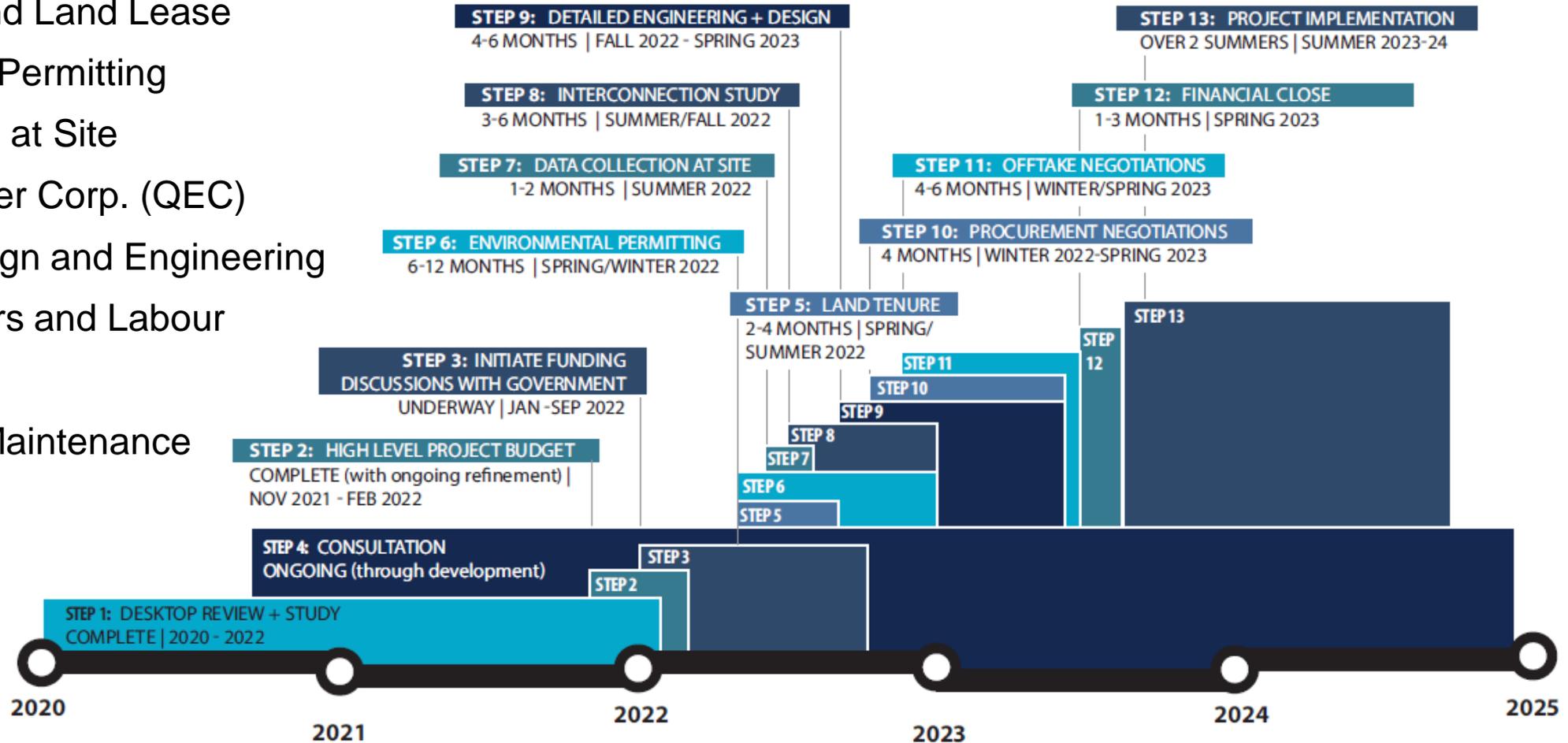
- Once built, solar energy creates no pollution or greenhouse gases
- Solar panels are low maintenance and have long lifespans
- By lowering fuel needed, there is less risk of fuel spills during transport and storage

Cons

- Solar energy requires a lot of space
- Land disturbance and fuel use during construction (excavation, foundation install, road building)

Project Schedule and Planned Activities

5. Finalize Site and Land Lease
6. Environmental Permitting
7. Data Collection at Site
8. Work with Power Corp. (QEC)
9. Advanced Design and Engineering
10. Find Contractors and Labour
11. Construction
12. Operations & Maintenance



Questions?



Saku Investments Corporation
ᓴᓐᓃᓐ ᓱᓱᓃᓐᓴᓐᓴᓐ ᓄᓱᓴᓐᓴᓐ



NORTHERN
ENERGY
CAPITAL



ᓄᓱᓴᓐᓴᓐ ᓴᓐᓴᓐ ᓄᓱᓴᓐᓴᓐᓴᓐ ᓄᓱᓴᓐᓴᓐ
NUNAVUT CLIMATE CHANGE SECRETARIAT
NUNAVUNMI HILAUUP AALANNGUQTIRINGA HAVAGVIAT
SECRETARIAT DU CHANGEMENT CLIMATIQUE DU NUNAVUT
www.ClimateChangeNunavut.ca

Contact and Programs

Nunavut Housing Corporation – nunavuthousing.ca

Renewable Energy Homeowner Grant Program and Homeowner Renovation Program

homeownership@nunavuthousing.ca

Climate Change Secretariat – climatechangenunavut.ca

Renewable Energy Cabin Grant Program – renewableenergy@gov.nu.ca

Jordan Blake

jblake1@gov.nu.ca