



arctic development expo
northern realities • northern solutions

2023 INUVIK ENERGY & CLIMATE TOUR

TOUR FORMAT:

The tour will proceed around Inuvik to various locations highlighting energy and efficiency innovations in both commercial and residential facilities.

TOUR START TIME:

Monday, June 12th at 3:00 pm

TOUR PICK-UP LOCATION:

This tour will begin from in front of the Midnight Sun Complex

TRANSPORTATION PROVIDED BY:

Northwind Industries

TOUR HOST:

The Inuvik Energy & Climate Tour will be hosted and guided by Darby Desrosiers

INNOVATION, SCIENCE, and CLIMATE CHANGE

Inuvialuit Regional Corporation

ADDRESS: 185 Mackenzie Road

CONTACT: Jenn Parrott

FEATURE: Understanding the changes on the ground and with the climate in the Arctic has been a priority for the Inuvialuit. To help address these issues and gather information from community members and get a better understanding of any changes the ISCC was established.

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INUVIK LNG PROJECT

PROPONENT: Northwest Territories Power Corporation (NTPC)

CONTACT: MIKE OCKO

FEATURE: Inuvik has two power plants, one designed to run on diesel and one designed to run on natural gas. Ikhil, a natural gas well in the Mackenzie Delta, powered the gas plant from 1999 to 2012, when gas stopped flowing. Inuvik's diesel generators, used as standby power for the town, generated the town's power in 2013, while NTPC looked for solutions.

As of November 2013, the gas generators are running on liquid natural gas (LNG), imported from southern Canada by truck on the Dempster Highway. Liquid natural gas has a safety record going back to 1964 and is a safe, clean fuel that costs about 10 to 15 percent less than diesel and reduces greenhouse gas emissions by about 25 percent. LNG, if spilled, simply evaporates, and leaves no residue.

AURORA RESEARCH INSTITUTE

ADDRESS: 191 Mackenzie Road

CONTACT: JENNIFER HUMPHRIES & ALICE WILSON

The Aurora Research Institute has been engaged in multiple ongoing projects focused on permafrost and permafrost degradation as a result of climate change.

