

# Diesel reduction progress

## A jurisdictional breakdown

Since 2016, **community-led renewable energy projects in remote communities have displaced over 142 million litres of diesel** — more diesel than all three territories use to generate electricity in an entire year combined.

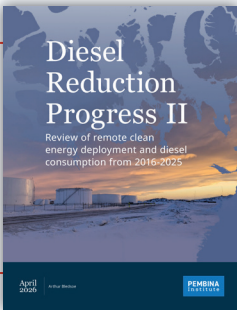
This progress has been achieved through the combination of supportive policy and local Indigenous leadership. Together, these factors have led to the development of **hundreds of clean energy projects that are now reducing more than 31 million litres of diesel a year**. If the current queue of projects planned for remote communities is completed, more than 100 million litres of diesel per year could be displaced.

Much of this progress depends, however, on **ongoing support from and collaboration with the federal government**.

### Jurisdictional analysis

This fact sheet provides data on remote diesel reduction in each of the provinces and territories. In each section, we provide information on:

- how much diesel is reduced annually in the province or territory
- the number and types of projects contributing to this progress<sup>1</sup>
- the impact that proposed future clean energy projects will have on future diesel reduction (where applicable)



To learn more about the work being done to support clean energy development and diesel reduction in remote communities, read *Diesel Reduction Progress II*.

### LEGEND FOR MAPS

<p><b>REMOTE COMMUNITY</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">●</span> First Nation</li> <li><span style="color: orange;">●</span> Inuit</li> <li><span style="color: blue;">●</span> Non-Indigenous</li> </ul>	<p><b>RENEWABLE ENERGY GENERATION</b></p> <ul style="list-style-type: none"> <li> Solar</li> <li> Wind</li> <li> Hydro</li> <li> Battery</li> </ul>
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<sup>1</sup> Maps shown throughout this document do not display net-metering projects.



## Yukon

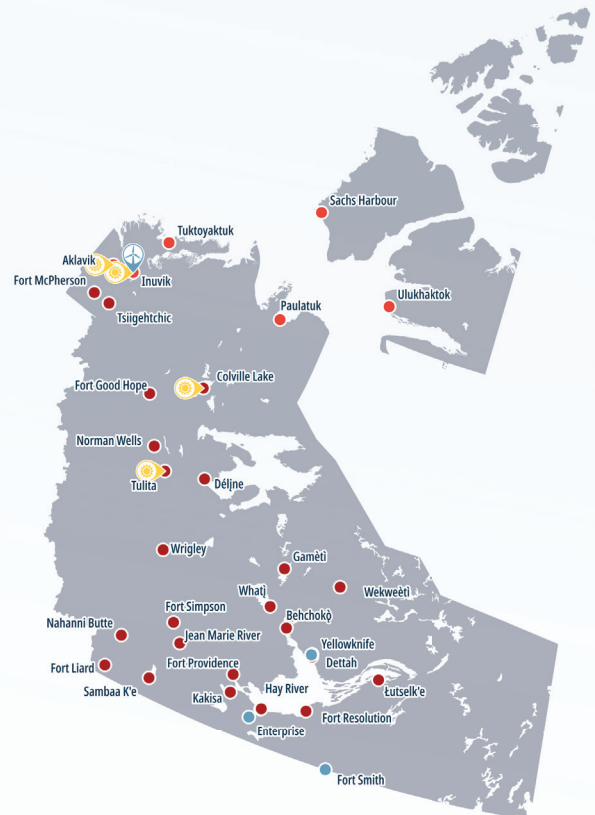
- 25 remote communities
- 9 community-scale clean energy projects
- Over 1000 net metering / microgen projects
- Over 10 million litres of diesel reduced annually from clean energy projects

### Projected impact of planned projects

- 2 planned generation / storage projects promise an additional 2 million litres of diesel reduction annually
- Yukon-B.C. grid connect could reduce diesel by an additional 19 million litres annually
- Atlin Hydro expansion could reduce diesel by a further 7 million litres annually

## Northwest Territories

- 33 remote communities
- 6 community-scale clean energy projects
- 62 net metering projects
- Over 3 million litres of diesel for electricity reduced annually
- 96 biomass heating projects displace over 7 million litres of heating oil annually





## Nunavut

- 25 remote communities
- 7 community-scale clean energy projects
- 39 net metering projects
- over 330,000 litres of diesel reduced annually

### Projected impact of planned projects

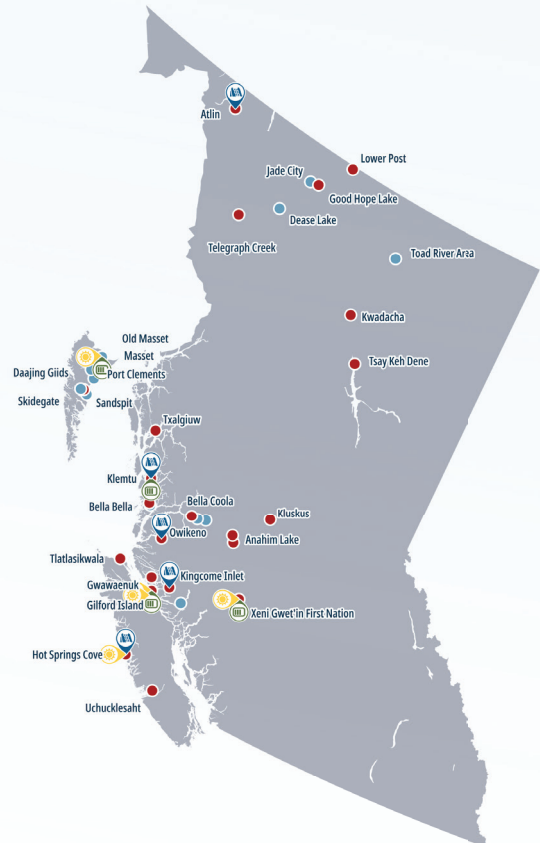
- 33 planned generation projects could reduce an additional 22 million litres of diesel annually
- Kivalliq Hydro-Fibre Link could reduce over 11 million litres of diesel annually

## British Columbia

- 38 remote communities
- 13 community-scale clean energy projects
- Over 4.5 million litres of diesel reduced annually

### Projected impact of planned projects

- 12 planned projects could reduce an additional 14 million litres of diesel annually



## Alberta

- 2 remote communities
- 3 clean energy projects
- Nearly 1 million litres of diesel reduced annually from clean energy projects

## Saskatchewan

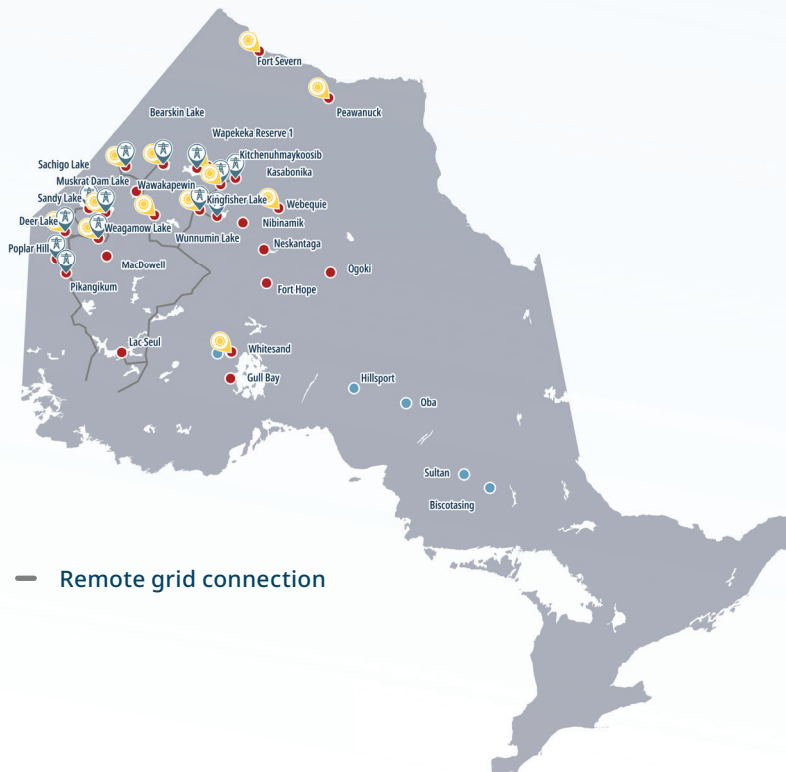
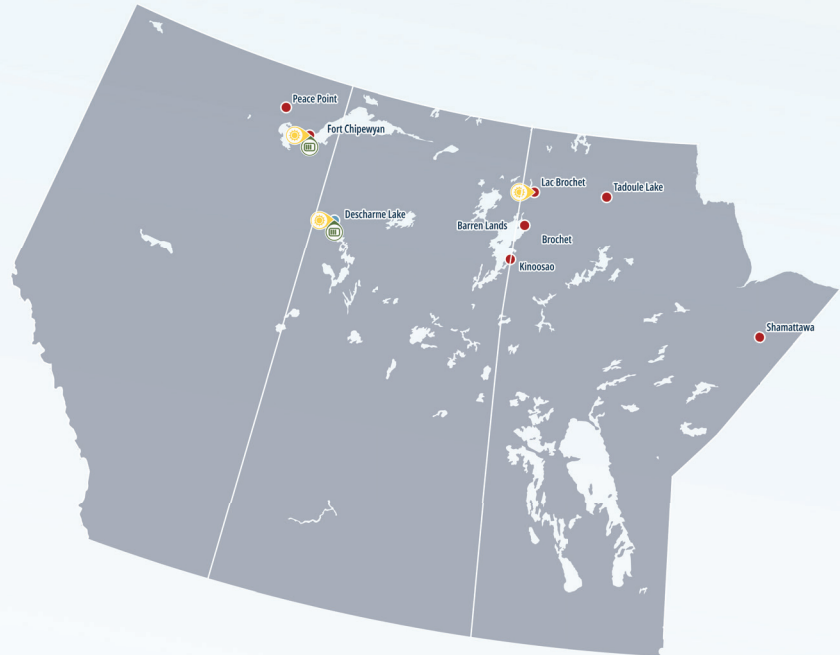
- 2 remote communities
- 1 clean energy project

## Manitoba

- 4 remote communities
- 1 clean energy project reducing over 75,000 litres of diesel annually

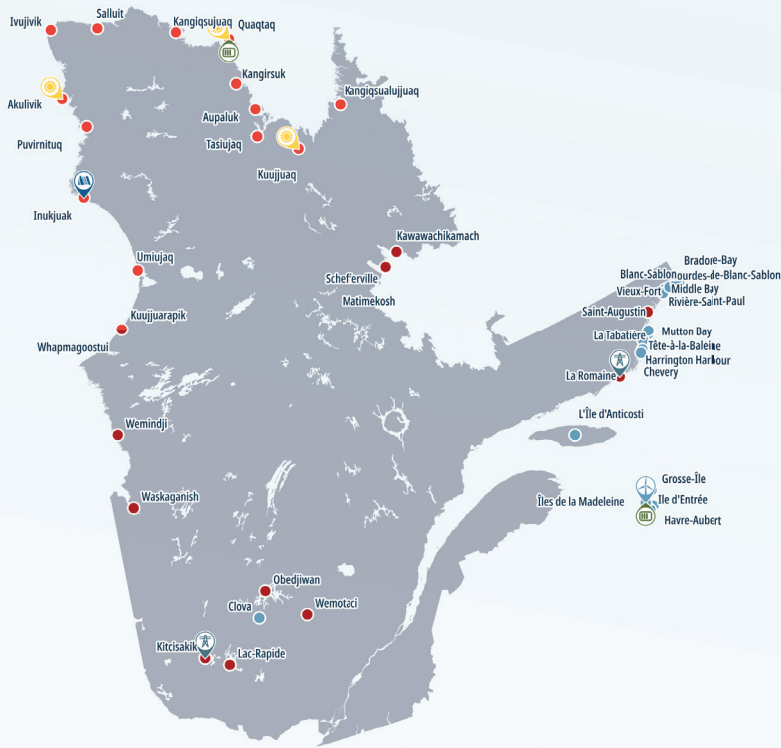
### Projected impact of planned projects

- The planned Sayisi Dene solar project at Tadoule Lake could reduce diesel by another 165,000 litres annually



## Ontario

- 16 remote communities
- 15 clean energy projects
- 17 formerly remote communities connected to the provincial grid through the majority Indigenous-owned Wataynikaneyap Transmission project
- 15 million litres of diesel reduced annually



## Quebec

- 38 remote communities
- 9 clean energy projects and 2 grid connections have reduced diesel consumption by 15 million litres annually

### Projected impact of planned projects

- 6 planned projects could reduce diesel by an additional 28 million litres annually

## Newfoundland and Labrador

- 25 remote communities
- 13 clean energy projects reduce diesel consumption by nearly 600,000 litres annually

### Projected impact of planned projects

- The planned Nain Wind project will reduce diesel consumption by an additional 1.6 million litres of diesel annually

