



next steps

Over the next few months, we'll be working to get our Faro diesel plant site ready for the arrival of the rental generators. During that time you can expect to see the following.



Yukon Energy crews and contractors at the Faro diesel plant doing groundwork and installing additional electrical equipment in the yard



The arrival of the seven generators



The delivery of additional shipments of fuel now and throughout the winter

planning for cold weather, emergencies and increased demand

THE INSTALLATION OF RENTAL DIESEL GENERATORS AT THE EXISTING FARO DIESEL PLANT

staying safe during COVID-19

Yukon is our home too. Like you, we are committed to the health and safety of our employees, families and customers. We have developed a strict COVID-19 safety plan that makes the Faro diesel generator project COVID-safe. We will:



Maintain two metres of separation between workers



Use Personal Protective Equipment at all times



Disinfect equipment regularly



Stagger work breaks to help enforce social distancing

At Yukon Energy, it's our job to supply the electricity Yukoners need when and where they need it. Our ability to keep the lights on is especially important during Yukon's cold and dark winters when demand for electricity is the highest.

This means we're always planning for cold weather, emergencies and increased demands for electricity. That's why we rent diesel generators each year as our insurance policy against prolonged power outages until we can build more dependable renewable resources.

This winter, we're renting 17 portable diesel generators; seven more than last year. If the cold snap in January 2020 reinforced anything for us, it's that, collectively, Yukoners are using more electricity than ever before, and that more sources of dependable electricity are needed at the flip of a switch during the winter.

Ten of the rental diesel generators will be installed in our Whitehorse parking lot like last year. The other seven will be installed at our diesel power plant in Faro.

For more information, visit yukonenergy.ca or contact communications@yec.yk.ca.

why Faro?

Our diesel plant in Faro is the ideal second location for these portable rental diesel generators because:

- » There's enough room to install the generators within our property's fenceline.
- » There's room in our yard to build the new substation we need to connect the generators to the Yukon grid.
- » There's an existing fuel storage tank on site and room to add the extra temporary fuel tanks we'll need.

When researching this project, we also looked at the option of adding rental generators at our existing diesel plants in Dawson and Mayo. We ruled out those options because:

1. There isn't enough room at the Dawson and Mayo plants to add the extra rental units, fuel and electrical equipment we would need.
2. Our studies showed that by having all seven of the extra rentals located in Faro, they could more efficiently meet peak demands for electricity across the entire Yukon grid.
3. Setting up the seven extra rentals in Faro is less expensive than having to set them up in three separate locations.

how often will they be used?

We rent portable diesel generators each winter to protect Yukoners from prolonged power outages during emergencies and periods of high demand.

The rental diesel generators in Faro won't run all of the time. They'll be used:

- » On extremely cold winter days when Yukoners need more electricity (usually around breakfast and dinner time).
- » In case of a breakdown at one of our major hydro power plants.
- » Each month, for a few hours, to test the engines.

how loud will they be?

We know that diesel generators can be loud.

This winter, we will monitor noise levels emitted by the rental diesel units at the Faro plant. If sound levels are found to be higher than permissible levels, we'll look at ways to help muffle the noise in future years.

