# ᑲᐃᓱᒪᑕᐧᐁᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᑲᐧᐃᐃᓱᐧᐊᐧᐁᓱᒋ ᑲᑌᒃ ᐊᓄᑭᐧᐃᓐ

# DIESEL GENERATING STATION UPGRADE

New CAT 3516 generator

ᒪᓯᓇᑭᓯᑲᓐ ᐃᖅᐱᐃ: ᐅᖅᑭ CAT 3516 ᑲᐃᓱᒪᑕᐧᐁᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ

New 50,000 L Bulk Fuel Tanks

ᒪᓯᓇᑭᓯᑲᓐ ᑕᐸᓱᖅ: ᐅᖅᑭ 50,000 L ᑲᒥᔅᑲᒃ ᐊᓯᑲᒥᑌ ᐱᒥᑌ ᑲᐃᓱ ᑲᓇᐧᐁᒋᑲᑌᒃ

- **One of the largest upgrades in Hydro One Remotes history!**
- The **3-year project ended in July 2025** and had two parts – **The Bulk Fuel Tank Upgrade** and the **Diesel Generator Upgrade.**
- The **Bulk Fuel Tank Upgrade** replaced the original five 50,000 litre Bulk Fuel Tanks with seven – 50,000 litre Bulk Fuel Tanks (+40% increase)!
- The **Diesel Generator Upgrade** increased the Diesel Generating Plant Rating – *the maximum electricity that can be generated* - from 1000kW to 1625kW (+62% increase)!
- Replaced CAT C9 (275kW) generator with a new CAT 3516 (1500kW).
- New CAT 3516 generator **weighs ~ 44,000lbs.**
- **Building expanded** to support new generator.
- Total Weight shipped on the winter road for the project= **1,057,200 lbs. (480000 kg.)** - 33 truckloads!
- **New generator controls installed** to improve station operation.
- 20 Hydro One Remotes staff worked on this project.
- **Total Project Cost $10.7 million.**

- ᐅᖅᐅᐧᐁ ᒪᐧᐊᒡ ᐯᓱᒃ ᑭᒋ ᐊᓄᑭᐧᐃᓐ ᑲᐧᐃ ᐧᐊᐧᐁᓱᒋᑫᓇᓂᐧᐊᒃ ᑐᑕᒧᐧᐃᓐ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᐯᓱᒃ ᑭᐧᐃᑎᓄᒃ ᑲᐃᓱᑭᒋᑲᑌᒃ!
- ᒥᐧᐁ ᓂᓯ-ᐱᐳᓐ ᐊᓄᑭᐧᐃᓐ ᐁᑭ ᐃᖅᑲᐧᐊᔾᒃ ᐊᑎᑌᒥᓂ ᑭᓯᔅ 2025, ᐁᑯ ᐁᑭ ᓂᓇ ᑐᒋᑲᑌᒃ - ᑲᒥᔅᒃ ᐧᐊᓯᑲᒥᑌ ᐱᒥᑌ ᑲᐃᓱ ᑲᓇᐧᐁᒋᑲᑌᒃ ᐁᑭ ᐧᐊᐧᐁᓱᒋᑲᑌᒃ ᐁᑯ ᑲᔭ ᑲᐃᓱᒪᑕᐧᐁᐱᑌᒃ ᐁᑭ ᐧᐊᐧᐁᓱᒋᑲᑌᒃ.
- ᔭᐦᐃ ᑲᒥᔅᒃ ᐧᐊᓯᑲᒥᑌ ᐱᒥᑌ ᑲᐃᓱ ᑲᐧᑐᒋᒋᑲᑌᒃ ᑲᑭ ᐧᐊᐧᐁᓱᒋᑲᑌᒃ ᐁᑭ ᒣᐧᑯᑎᓂᑲᑌᒃ ᓂᑕᒻ 50,000 ᑲᐱᐧᑲᒃ ᐧᐊᓯᑲᒥᑌ ᐱᒥᑌ ᑲᑭᐃᓱ ᑲᑐᐧᐁᒋᑲᑌᒃ ᓂᑕᒻ ᓂᓱᐧᐊᓯ - 50,000 ᐊᐧᐊᓱᒃ ᐧᐊᓯᑲᒥᑌ ᐱᒥᑌ ᑲᐃᓱ ᑲᓇᐧᐁᒋᑲᑌᑭᓐ (+40% ᐁᑭ ᐊᐧᐊᓱᒃ ᐃᖅᐱᔾᒃ)!
- ᔭᐦᐃ ᑲᐃᓱᒪᑕᐧᐁᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᑲᑭᐃᓱᐧᐊᐧᐁᓱᒋᑲᑌᒃ ᐊᐧᐊᓱᒃ ᑭᐅᓐᒋ ᒥᓄᔾ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᐧᐊᓯᑯᑐᒋᑲᓇᓐ - ᓄᑯᒻ ᑲᐱᒋ ᒪᖅᑲᐧᐃᔾᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᐧᐊᓯᑯᑐᒋᑲᓇᓐ - ᓄᑯᒻ 908 ᐊᑯᓇᒃ 1625 ᑭᐅᓐᒋ (+62% ᑭ ᐃᖅᐱᔾ)!
- ᑲᑭ ᒣᖅᑎᓂᑲᑌᒃ CAT C9 (275kW) ᑲᒪᑕᐧᐁᐱᑌᒃ ᐁᑭ ᐅᖅᑭᒋᑲᑌ ᐅᖅᐅᐧᐁ CAT 3516 (1500kW).
- ᐅᖅᑭ CAT 3516 ᑲᒪᑕᐧᐁᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᐁᐱᒋ ᑯᓯᐧᑲᒃ ~ 44,000lbs.
- ᐁᑭᓇᑭᓂᑲᑌᒃ ᐧᐊᑲᖅᐃᑲᓐ ᐊᐧᐊᓱᒃ ᒋᐅᓐᒋ ᒥᓄᔾᒃ ᐅᖅᑭ ᑲᒪᑕᐧᐁᐱᑌᒃ ᒪᖅᑭᐧᐃᓯᐧᐃᓐ.
- ᑲᑭᐱᒋ ᑯᓯᐧᑲᒃ ᑲᑭᐱᒥᐱᒋᑲᑌᒃ ᐱᐳᓄ ᒥᑲᓇᒃ ᐅᖅᐅᐧᐁ ᐊᓄᑭᐧᐃ ᐊᐸᒋᑕᑲᓇᓐ = 1,057,200 lbs. (480000 kg.) - ᓂᓯᒥᑎᓇᓱ ᓂᓯᓐ ᑭᒋ ᐅᑕᐸᓇᒃ ᑲᑭᐱᒪᑕᐱᐧᐊᒡ!
- ᑭᐅᖅᑭᒋᑲᑌᐧᐊᓐ ᔭᖅᐃ ᑲᐱᒥᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᒪᑯᓂᑲᓇᓐ ᐊᐧᐊᓱᒃ ᒋᐅᓐᒋ ᒥᓄᔾᑭᓐ ᐃᖅᐃᒪ ᑲᐃᓱ ᐱᒥᐱᑌᒃ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ.
- ᓂᓱᑕᓇ ᐊᓄᑭᓇᑲᓇᒃ ᐅᖅᐅᒪ ᒪᖅᑲᐧᐃᓯᐧᐃᓐ ᐯᓱᒃ ᑭᐧᐁᑎᓄᒃ ᐅᑭ ᐊᓄᑲᑕᓇᐧᐊ ᐅᖅᐅᐧᐁ ᐊᓄᑭᐧᐃ ᒪᒋᑕᐧᐃᓂᓂ.
- ᑲᑭᐃᓇᑭᑌᒃ ᐅᖅᐅᐧᐁ ᐊᓄᑭᐧᐃ ᒪᒋᑕᐧᐃᓐ $10.7 million.

Canada

Matawa First Nations

Neskantaga First Nation

hydro one

Remote Communities