

# KEEYASK PROJECT - August 2020 to December 2020



Despite the challenges posed by the COVID-19 pandemic, the entire Keeyask team remained focused, allowing work to continue to progress.

Reservoir Impoundment at Keeyask was completed in fall 2020, after the close of the Migratory Bird Act window. Impoundment started on August 31 and was completed in five days, reaching a peak water level on Gull Lake of about 158.92 metres above sea level on September 5. A ceremony to recognize the impoundment milestone was conducted by Employee Retention and Support Services in early August.

Unit 1 commissioning began on August 31 with the turbine being turned by water pressure for the first time. The commissioning of a generator unit involves a mechanical run – where testing is conducted to check the functionality of the governor and bearings as well as check for unexpected vibrations. This testing discovered vibration issues, causing a delay to commissioning activities while the issue was investigated and a fix identified. Commissioning activities on the first unit resumed in late 2020 and it is expected that the first unit will be brought into service in the first quarter of 2021.

Unit 2 pre-commissioning began in late November and it is expected that the unit will be turned over to Manitoba Hydro in January 2021 to begin commissioning. Unit 3 assembly is nearing completion.

Major concrete placements for the Powerhouse were completed earlier in the year. In the Spillway, six of seven rollways are now complete and the seventh will be completed in early 2021.

The Balance of Plant systems continued to be installed and tested to allow for first power in the first quarter of 2021.

## Construction milestones:

- Reservoir impoundment
- Start of Unit 1 commissioning



SATELLITE IMAGE - OCTOBER 2020

## - CONSTRUCTION TIMELINE DATES -

