

# Project Update

## Foothills Medical Centre: Power Plant Upgrade & Cogeneration Initiative



### Overview

- The power plant at Foothills Medical Centre (FMC) is being expanded in order to mitigate redundancy and reliability risks for the heating of the FMC site.
- Power plant cogeneration capacity is also being augmented with the addition of a combustion turbine generator.
- Cogeneration will provide electricity for the FMC with reduced greenhouse gas emissions and improved energy savings.
- The FMC power plant upgrade project consists of two major components, which will be designed and constructed together:
  - Component 1 – Expansion of the existing power plant with additional boiler capacity and removal of the temporary boiler;
  - Component 2 – The installation of a new combustion turbine generator for additional cogeneration capacity.

## **Design/Construction Update**

- Design is ongoing.
- Relocation of the FMC's natural gas line is underway.

## **Next Steps and Upcoming Activities**

- Complete major equipment procurement.
- Complete the design report.
- Construction is expected to begin in early 2019.
- Complete construction and turnover the power plant to Alberta Health Services in the summer of 2020.

August-October 2018

