



# SEMÁ:TH COMMUNITY ENERGY MANAGEMENT PLAN

## PROJECT DESCRIPTION

3EYOND Consulting was mandated to prepare a Community Energy Management Plan (CEMP) for Semá:th (Sumas First Nation). They are a band government of the Sto:lo people located in the Upper Fraser Valley region in the community of Kilgard, BC.

As an urban First Nation, the Semá:th Upper Sumas Reserve hosts about 81 households and 6 buildings owned by the community.

A multi-year energy plan has been developed with a focus on aligning short-term efforts with the current government incentives supporting energy efficiency, vehicle fleet electrification, and generation, reducing energy bills for Semá:th members and their government.

## PROJECT AT A GLANCE



REGION:  
KILGARD, FRASER VALLEY, BC



CLIENT:  
SEMÁ:TH FIRST NATION



STATUS:  
Completed



TYPE:  
COMMUNITY ENERGY PLAN



IN REBATE PROGRAMS IDENTIFIED



GHG EMISSION REDUCTIONS





## PROJECT SHEET: SEMÁ:TH COMMUNITY ENERGY MANAGEMENT PLAN



### SERVICES

- Community Engagement
- Community Energy Profile
- Cost-Benefit Analysis
- Funding Allocation
- Implementation Plan

### CHALLENGE

- Determine how to significantly reduce GHG emissions through energy efficiency retrofit, while:
  - generating a positive cash flow using the existing funding opportunities, and
  - matching community members' priorities

### SOLUTIONS

- Provided a three-year road map to reduce energy bills & reduce greenhouse gas (GHG) emissions for members and for the Band Office.
- All recommendations were generating positive cash flow and energy savings when combined with the incentives currently available.
- There was a strong business case for EVs and installing charging stations.
- We also identified funding for project management support, required for implementing these large-scale community project.