

This document is provided for informational purposes only. It is intended to be a general understanding of the type of questions and information required by the CIB to assess a potential project.

This document is not intended to be a solicitation, and the information contained herein must not be taken as legal advice on any particular set of facts or circumstances.

Individuals and entities are encouraged to contact the CIB at public.retrofit@cib-bic.ca if they have any questions on the information presented in this document or intend to submit a potential project to the CIB for assessment.

General information

Public entity name:

Do you currently have a retrofit strategy or plan? Yes No

If yes, what are the corporate energy consumption reduction targets and respective timelines?

What are the corporate GHGs reduction targets and timeline?

Name and title of lead(s)

Energy team:

Finance team:

Other:

Please describe any recent experience with energy savings contractual arrangements or in-house energy retrofit implementation:

Infrastructure asset portfolio data

Size, types and occupancy (as applicable)

Number of buildings or assets owned:

Range of square footage per building or asset:

Building or asset types:

Occupancy range (average number of people / building):

Specific COVID-19 related operational procedures (implications on occupancy and HVAC operation, if any)?

Historical data, if available:

Are the most recent 12/24 months hourly electrical load data available? Yes No

Do you have Building automation System (BAS) or Energy Management Information System (EMIS) data? Describe the systems available.

Are updated mechanical drawings available? Yes No

Energy consumption

Portfolio annual electricity consumption (MWh):
 Average annual electricity consumption per asset (MWh):
 Portfolio annual natural gas consumption (m3):
 Average annual natural gas consumption per asset (m3):
 Portfolio annual steam consumption (lbs per hour of steam):
 Average annual steam consumption per asset (lbs per hour of steam):

Total annual energy cost and average annual energy cost per asset (\$)

Electricity: Gas: Steam: Diesel/Oil:

Target retrofits information

Objectives for the proposed retrofit program

Number of infrastructure assets considered for retrofit:
 Average age or range:
 Other relevant asset characteristics:
 Budget allocation over the next 5-10 years (\$/year/asset):
 Acceptable length of energy services contract (years), if known:

Have you determined an overall strategy to achieve your goals (e.g. % of renewable generation, electrification)?
 Yes No

Have you completed an energy audit(s)? Yes No
 If so, when were these completed, for which asset(s), and at what level of audit (American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) level 1, 2 or 3, or investment grade audit)?

Energy consultant currently or recently engaged (if applicable): Yes No
 Description of existing operation and maintenance monitoring practices (manual, specific system or platform):

If available: Initial projected/targeted annual energy savings (volume and cost):
 Electricity consumption reduction (MWh):
 Electricity demand (MW):
 Natural gas consumption reduction (m3):
 GHGs reduction (tons of CO2):

Capital expenditure estimate for the proposed retrofit: