

ICP PROTOCOLS INFORMATION FACTSHEET



Enabling better project engineering and more consistent performance for energy efficiency projects.

At the core of Investor Confidence Project's methodology is the Investor Ready Energy Efficiency™ (IREE) certification, which is achieved by complying with a set of ICP Protocols. The Protocols define standardized best practices for originating energy efficiency projects, leveraging existing and commonly accepted national standards in conjunction with ICP specified elements, procedures, and documentation. These processes are applied according to the various stages of a project's life-cycle to create standardized projects with reliable returns.

The ICP Protocols are Suited for Different Project Configurations and Sizes.

There are seven protocols which cover most commercial and multifamily (i.e. 5+ units) building energy efficiency projects. Split between building types (commercial and multi-family) as well as an additional Basic Protocol covering both types. The Protocols are designed to cover various project scenarios, which include:



LARGE

Large scale projects that involve whole building retrofits or multiple measures with interactive effects where the cost and possibility of energy savings justifies greater time and effort in the development of an energy use and savings model.



STANDARD

Projects consisting of multiple measures costing typically under \$1M each where engineering requirements are scaled to fit performance risk and energy modelling is not required.



TARGETED

Projects that involve single measures or smaller sets of energy measures with limited interactivity such as lighting, controls, or single system HVAC replacement.



BASIC

Similar to the requirements of Targeted and Standard protocols, but is more streamlined – designed to be supportive of projects developed through an Energy Services Company model that includes shared performance risk and the use of 3rd party providers to complete monitoring and verification requirements.

“*Incorporating ICP into our existing processes not only validated the rigorosity of our own development methods, but it also gives comfort to future co-investors regarding the quality of our projects.*”

Steve Gossett Jr.,
Flywheel

Canadian ICP Protocols:

ICP Protocols utilized in the US and Europe were reviewed by expert Canadian stakeholders and were adjusted to align with Canadian standards and industry best practices.

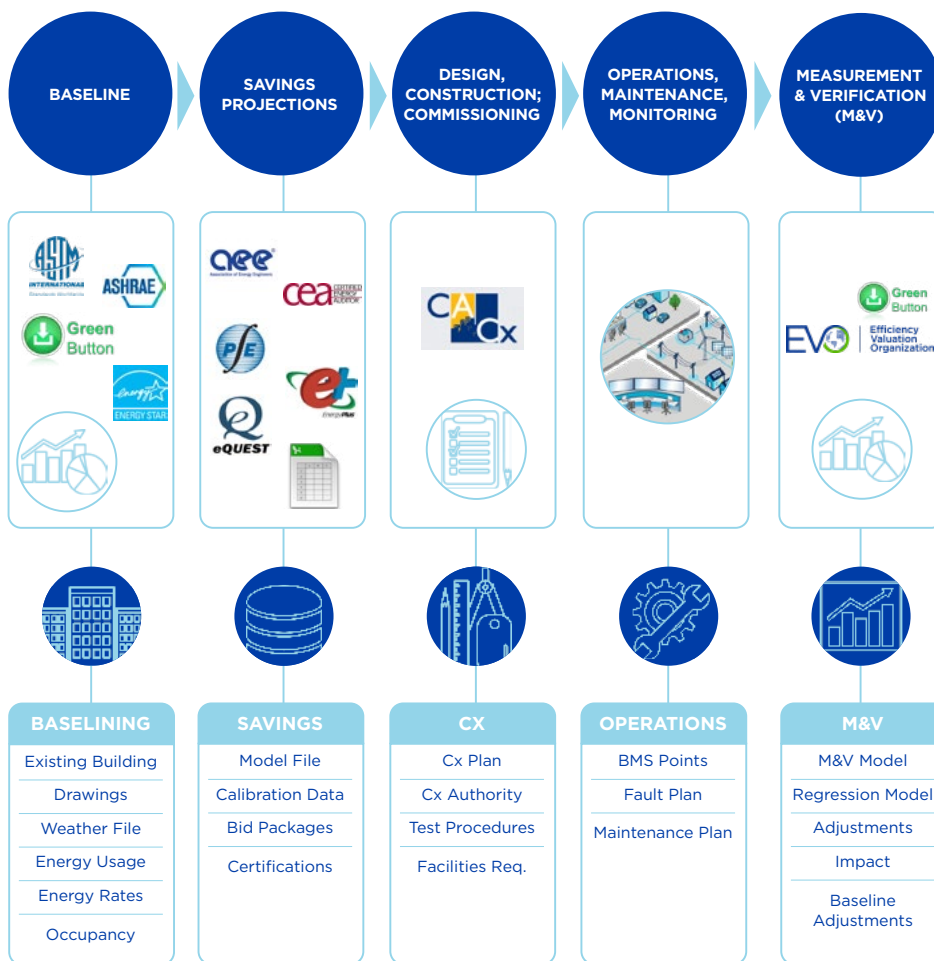
Through completing project assessments and supporting project development, the ICP Protocols will continue to be refined to best support the development of Canada's retrofit economy.



IREE Roadmap to Investor Confidence

Workflows for IREE certification ensure projects leverage industry best practices during the retrofit design phase. Consideration is given to baseline energy usage, savings calculations, commissioning, operations and maintenance, and measurement and verification. The workflows also ensure that project documentation is standardized to streamline due diligence and underwriting.

The ICP Protocols define the best practices to utilize at each stage of a successful retrofit project. Many of the standards referenced by projects undergoing IREE certification are depicted in the diagram below.



“ICP creates a standard approach... The protocols will provide the investment community with the confidence that projects will yield actual benefits and results similar to those that were predicted.”

Andrew Brooks,
 Association for Energy
 Affordability (AEA)

