

Net Zero TAP Pilot

Grid Innovation Fund Project Details

Lead Proponent: EnerQuality

Partners: Technology Manufacturers (Grantco, Widgetinc and Cogcon)

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|-----------------------|---------------------------------|
| Strategic Area(s): | Enabling Non-Wires Alternatives |
| Project Total Cost: | \$887,000 |
| Year Contracted: | 2019 |
| Status: | Closed |
| Location: | Various locations in Ontario |
| Economic Development: | N/A |

Project Objectives

The Net Zero Technology Adoption Pilot program is designed to support capability building by augmenting the capacity of home builders to adopt emerging (as opposed to mainstream) energy efficiency, renewable energy, or distributed generation technologies. A particular focus will be to demonstrate technologies that improve electrical efficiency. The ultimate outcome is to increase penetration of new net zero technologies into mainstream new housing by engaging individual builders to pilot new net zero technologies. The outcome of both is a technology adoption model that can be replicated across the province and integrated into future conservation programming.

Expected Outcomes

If successful, this project will build mainstream builder capability and confidence with high-performance technologies, resulting in more energy efficient new homes and accelerating the market transformation towards Net Zero (NZ) Energy. It will also present a unique opportunity for the IESO to continue to engage with the home building industry. The expected outcomes include:

- Case studies, cost-benefit analysis reports, installation instructions, and lists of distribution channels for each net zero technology.
- Communications materials and events throughout the project lifecycle (e.g. press releases, social media, ground breakings, etc.).
- Consumer research report, measuring and verifying performance through homeowner surveys and interviews.
- Final project report including outcomes and lessons learned.