# GRID INNOVATION FUND & INNOVATION SANDBOX

## Project Brief

**Organization:**

**Project Title:**

**Project Length:**

**IESO Funding Request:** $XX (X% of $X total project value)

### One-liner of what the project is about (EXAMPLE: Encouraging shifting consumption to off-peak periods and participating in demand response events)

Project Summary: EXAMPLE: This project seeks to develop and implement a DER deployment model for 30 participants residing in multi-unit residential buildings (MURBs) and single-family dwellings to identify the economic, technical, regulatory and customer outreach considerations that will be relevant to deploy DER solutions at scale in the future to benefit the local and provincial electricity system.

The crux of the pilot is to assess the value of DER deployment.

#### Project Partners

**XX** is the project lead, and will contribute $X in cash and/or in-kind contributions (if in-kind contributions, describe them).

**Company X,** <company description>, will provide <describe what they are contributing to the project (e.g. data loggers, evaluation analysis> with a cash and/or in-kind contribution of $X.

#### Barriers and Opportunities and Solution to be tested/evaluated

| Opportunity to improve reliability, affordability | Barrier (what keeps this opportunity from being realized in Ontario today) | Solution to be tested/evaluated through the project if funded by GIF |
| --- | --- | --- |
| EXAMPLE BELOW – ALL BULLETS TO BE UPDATED AS APPLICABLE TO PROJECT BEING DESCRIBED   * Offset distribution system upgrades that would result due to significant increase to the load * Addressing affordability issues through accessible equipment | EXAMPLE BELOW – ALL BULLETS TO BE UPDATED AS APPLICABLE TO PROJECT BEING DESCRIBED   * Updates to certain codes and regulations related to DERs * Cost of DER installation | EXAMPLE BELOW – ALL BULLETS TO BE UPDATED AS APPLICABLE TO PROJECT BEING DESCRIBED   * Demand response potential to influence certain loads * Different pricing structures * New business model |

#### Additional Project Details/Context

INSERT TEXT HERE, if applicable

#### Outputs

This project will ....

Outputs include:

EXAMPLE PROVIDED BELOW. LIST TO BE UPDATED AS APPLICABLE TO PROJECT BEING DESCRIBED

* Development of IESO-approved M&V Plan
* New pricing structure specific to DERs
* Analysis of load shift and DR even impacts using IESO’s Standardized DER Test Cases
* Analysis of energy impacts, customer satisfaction and cost-effectiveness assessment
* Insight into the relative merits of different settlement methods

#### Outcomes

If successful, this project will demonstrate …