

IRP Technical Working Group

Meeting #5

May 24, 2022

IRP Annual Report

- Draft #2 of the Annual Report was issued May 9 for TWG comments
- Enbridge Gas received comments from several TWG participants up to May 19
- Enbridge Gas responded to the comments and edited the Annual Report where applicable
- Discussion:
 - Outstanding concerns or comments?
 - TWG Report – approach and timing
- Enbridge Gas will issue the Final IRP Annual Report May 26, 2022
- Enbridge will file the IRP Annual Report on May 31, 2022

Enhanced Targeted Energy Efficiency (ETEE)

ETEE Measures of Focus for Peak Hour

Residential	Commercial	Multi-Residential	Industrial
Heating System Advancement	Heating System Advancement	Heating System Advancement	Heating System Advancement
Air Sealing	Ventilation	Ventilation	Ventilation
Whole Home Building Envelope (Wall / Attic / Basement Insulation)	Building Envelope	Building Envelope	Building Envelope

ETEE Pilot Input Assumptions

- Focus on general service customers
- Contract customers will be considered on a case-by-case basis
- Gross impact measured for IRP
- In-situ baselines
- Derating factors or IRPA oversubscription
- Testing customer rebate and participant measure uptake

IRP Pilot Discussion

IRP – Asset Management Plan Review - Update



- Enbridge Gas completed the 2023-2032 Asset Management Plan (AMP), identifying the system needs and required facility projects for the next 10 years.
- Enbridge Gas completed the IRP binary screening using the OEB approved screening criteria
- IRP will assess the AMP projects in three phases in order to meet the Rebasing evidence timelines
 - Phase I – High level assessment of whether an IRP alternative is possible for all projects
 - Phase II – Assessment of which alternatives are technically feasible for the projects
 - Phase III – Detailed assessment and development of IRPA plans where technically and economically feasible
- The results of the Phase I IRP assessments will be included in Appendix B of the AMP
- IRP will continue to assess projects and update Appendix B of the AMP to include projects that have had a Phase II and III evaluation - updates to be provided via Rebasing interrogatories in 2023

IRP – Pilot Strategy - Discussion

- In addition to screening the Asset Management Plan (AMP) project-by-project, Enbridge Gas is evaluating how projects in the AMP could be grouped and addressed through an IRPA plan that includes one or more IRP alternatives.
- Enbridge is analyzing the following project portfolios/groupings:
 - Geographical areas
 - Asset class, i.e. storage, distribution, stations, etc.
 - Need - i.e. vintage steel replacement, integrity, growth
 - Risk profile, i.e, projects with a risk profile that could allow for enhanced inspection
- Enbridge proposes that one IRP Pilot consider a “Geographical IRPA Plan” that would address multiple needs over the next 10 years within a specific area using a suite of IRP alternatives
 - Enbridge is reviewing several geographical areas and will bring potential areas/projects to the June IRP TWG meeting for review and input
 - Suite of IRP Alternatives will include supply side, demand side as well as consider enhanced inspection/integrity management
- Enbridge will continue to develop a second pilot per previous TWG discussions

For Discussion: DRAFT TWG Schedule / Next Steps



- **June TWG Meeting:**

- *Meeting #1:* Enbridge to bring potential pilot projects, TWG to discuss and provide feedback

- **July TWG Meetings**

- *Meeting #1:*

- Using TWG feedback, bring revised list of potential Pilots - choose/confirm Pilot Projects
- Enhanced Targeted Energy Efficiency (ETEE) discussion continued – applicable measures (if not yet finalized) and discussion of methodology for estimating peak hour reduction per alternative

- *Meeting #2:* Enbridge to provide/review DCF+ Study, TWG to provide feedback

- **August TWG Meeting:**

- *Meeting #1:*

- DCF+ Study discussion continued (if required)
- Enbridge to provide update on Pilot Projects, TWG to provide input

- *Meeting #2:* Enbridge to provide update on Pilot Projects, TWG to provide input

For Discussion: DRAFT TWG Schedule / Next Steps



- **September TWG Meeting:**
 - *Meeting #1:* Enbridge to provide update on Pilot Projects, TWG to provide input
- ***September - December:*** Enbridge develop IRP Pilot evidence/application(s) depending on scope and timing of agreed upon pilots
- ***January 2023 - April 2023:*** Complete OEB proceedings
- **Deploy pilot projects (prior to winter 2023)**

For Discussion: Frequency of meetings for September and into 2023, should we book bi-weekly for now and determine agenda during the summer and adjust as needed?