

# IRP Technical Working Group

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Meeting #8



July 19, 2022

# Enhanced Targeted Energy Efficiency (ETEE)

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# IRP/ETEE Pilot Focus Measures for Peak Hour

Residential	Commercial	Multi-Residential	Industrial <i>(Assume general industrial accounts - treat like commercial or in case of contract customer will be facility specific)</i>
Heating System Advancement <i>(Enhanced Whole Home Program)</i>	Heating System Advancement <i>(Boilers/Controls)</i>	Heating System Advancement <i>(Boilers/Controls)</i>	Heating System Advancement
Air Sealing <i>(Enhanced Whole Home Program)</i>	Ventilation <i>(Destratification/DCV)</i>	Ventilation <i>(DCV/Controls)</i>	Ventilation
Building Envelope (Wall / Attic / Basement Insulation) <i>(Enhanced Whole Home Program)</i>	Building Envelope <i>(Air Curtains / Dock Door Seals)</i>	Building Envelope <i>(no current DSM program)</i>	Building Envelope

## ETEE Pilot Assumptions

- Focus on general service customers - For the purposes of estimating ETEE in the forecast IRPA comparison and implementing (participants), the focus would be on non-contract customers.
- Contract customers will be considered on a case-by-case basis for potential ETEE opportunities
- Gross impact / In-situ baseline – Peak hour and peak day gas reductions will be forecast on a gross basis based on the Posterity model relative to current building gas usage/equipment.
- Derating factors or IRPA oversubscription – To address unknowns and forecast error, EGI proposes ~20% “oversubscription to target” forecast gas reductions per the recommendation in ICF report (EB-2020-0091 - ICF IRP Study: Final Report - pg 48).
- Testing customer rebate and participant measure uptake – For Discussion: What percentage incremental cost should the pilot cover? How should approach vary based on customer types?

# IRP Pilots - Evaluation Matrix



- Pilot options will be evaluated against a list of key criteria to help inform selection

Criteria
Potential for scalability and transferrable learnings
System configuration
Mix of facilities requirements identified in 10-year AMP *
Balanced customer mix
Peak hourly flow data collection potential
Feasibility of supply-side IRPA implementation in the short-term
Potential for DSM to impact system needs

\* For regional pilot only