

**Nicor Gas Energy Efficiency Program - Plan Year 6
Quarterly Report: Sixth Quarter
Response to Independent Evaluators' Recommendations**

Program	PY Recommendation Was Made	Recommendation	Utility Perspective	Program Actions (if Applicable)	Action Implementation Date
BEER	PY4	Nicor Gas should notify the TRM Technical Advisory Committee (TAC) and evaluators prior to the start of each program year on instances where custom inputs are collected to replace TRM deemed inputs for measure savings estimation.	Nicor Gas will document any measures or inputs that deviate from the TRM via VEIC's Deviation Tracker. At this point, for 2018 measures, there are no measures that use savings methodologies outside of what's in the IL TRM v6.	Done	December 1, 2017
BEER	PY5	The evaluation team recommends Nicor Gas review the tracking system HOU input values for process boiler-ups and the pipe insulation measures.	Nicor Gas is currently passing system recirculation in the "Calculation Method" field for all commercial space heating pipe insulation measures. Steam boiler efficiency was corrected starting in October, 2017.	Done	November 17, 2017
HES	PY5	The implementer should update the field name in the tracking database to "Basement Sidewall Insulation" as well as update the tracking data to indicate the location-based HDD used.	Nicor Gas has corrected the HDD values for the basement sidewall insulation measure. Additionally, the appropriate framing factor is being used, given that all projects are using spray foam insulation.	Done	June 1, 2016
HES	PY5	For Smart thermostats, use the TRM version 5 algorithm and parameters and the appropriate home types in future calculations.	Nicor Gas is using the TRM version 5 algorithm and parameters for smart thermostats installations in PY6 and beyond.	Done	June 1, 2016
Business New Construction	PY5	The program should strive to ensure that ex ante gas savings calculations are consistent with established calculation methodologies and rely on accurate underlying tracking data.	Nicor Gas added an item to the QC checklist that ensures both the correct algorithm and variables are used.	Done	September 27, 2017
Custom	PY5	Projects involving production equipment should be normalized by production quantities when participants can provide production data that is representative of pre- and post-retrofit conditions. Production data should cover a time period that is sufficient to provide high confidence that anomalies do not significantly affect the savings estimate.	In Q1, 2018, Nicor Gas collects information on production quantities both pre and post retrofit and normalize savings accordingly. In some situations, we will phase projects if the uncertainty about production changes is unreasonably high.	Done	January 1, 2018
Residential New Construction	PY5	RSR should continue to accurately track and report lighting and appliance specifications to ensure accurate savings estimates for these end-uses.	Nicor Gas is currently tracking and claiming savings (where applicable) on the following appliance measures: Dishwasher, Clothes Washer, Lighting.	Done	January 1, 2018
SBES	PY5	To avoid unnecessarily penalizing BAS or other projects that experience a facility closure or other disruptions during the program year, we recommend documenting any changes (e.g., increasing ventilation levels to meet code requirements) to the facility operation that would result in an increased post-installation usage.	For custom projects, Nicor Gas instituted practices to ensure that customer disruptions are documented in the notes column of the PUP file and/or the project tracking files and provided to Navigant for their evaluations.	Done	January 1, 2018

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SBES	PY5	Review the tracking system input parameters for pipe insulation, and ensure that the description of the pipe locations adequately reflect the applied thermal regain adjustment factors for savings from space heating systems. For heating season recirculation systems, ensure that the tracking system accurately tracks the seasonal recirculating operating hours from the TRM section for pipe insulation, not the EFLH by building type in the HVAC section	Nicor is currently providing system recirculation in the "Calculation Method" field for all commercial space heating pipe insulation measures.	Done	November 17, 2017
SBES	PY5	Review the measure description and the tracking savings input assumptions for the "commercial steam trap <15 psig," to be consistent with other commercial steam trap projects that use TRM deemed inputs. The custom efficiency values are reasonable	Nicor Gas updated commercial steam traps in the PY6 PUP files to not include "<15psig" in the measure name.	Done	June 1, 2016
SBES	PY5	Information identifying and describing the products being installed should be included in the project files. If estimated savings factors or percentages are used to generate ex ante savings, provide documentation or assumptions supporting those values.	Nicor Gas created and added a QC checklist tab to the program documentation (EARF) to improve tracking for the 2018 program.	Done	January 1, 2018
SEM	PY5	The SEM program should coordinate with implementers as much as is feasible on projects (such as capital projects) at sites so that those program's projects are accurately estimated and do not improperly affect SEM savings.	Energy advisory role is added to support Cohort-3 and practitioner group	Done	July 1, 2017
SEM	PY5	To help the sites with limited staff address the findings of the onsite energy scan, the utility or implementer could provide a dedicated onsite resource to ease the workload of the participant.	Energy advisory role is added to support Cohort-3 and practitioner group	Done	July 1, 2017
SEM	PY5	Navigant found that SEM had the advantage of: Providing one-to-one support, Being offered at minimal cost, Providing incentives for implementation of measures. As Nicor Gas and ComEd develop their marketing message for future cohorts, highlighting these benefits to their customers may increase the participation percentage.	Nicor Gas added recommended benefits to Cohort-3 and practitioner group 2 marketing materials. We also communicated with outreach and energy coach to emphasize in the new campaign.	Done	July 1, 2017