

AIC PY9 NTGR Recommendations for 8-103 and 8-104

Initial Recommendations - November 1, 2015

Updated Recommendations - December 1, 2015

Updated Recommendations V.2 - February 12, 2016

Final Recommendations - February 16, 2016

			EI			
Sector	Program	Measure	Recommended Electric Value	E FR	E Part SO	E Non-Part SO
C&I	C&I Custom	All projects	74%	26%	0.1%	0.0%
C&I	C&I Retro-Commissioning	All projects	91%	8.6%	0.0%	0.0%
C&I	C&I Standard	Core Program Lighting	77.8%	22.3%	0.1%	0.0%
C&I	C&I Standard	Core Program HVAC	55.7%	44.4%	0.1%	0.0%
C&I	C&I Standard	Core Program Leak Survey	70.2%	29.9%	0.1%	0.0%
C&I	C&I Standard	Core Program Specialty	84.9%	15.2%	0.1%	0.0%
C&I	C&I Standard	Core Program Steam Trap	N/A	N/A	N/A	N/A
C&I	C&I Standard	Core Program VFD	83.3%	16.8%	0.1%	0.0%
C&I	C&I Standard	Online Store Measures	83%	36%	19.0%	
C&I	C&I Standard	Green Nozzles	92%	17%	9.0%	
C&I	C&I Standard	Midstream Lighting - CFLs	64%	46%	10.0%	
C&I	C&I Standard	Midstream Lighting - LEDs	78%	32%	10.0%	
C&I	CHP	All projects	N/A	N/A	N/A	N/A
Residential	Appliance Recycling	Refrigerator	52%	48%	0.0%	
Residential	Appliance Recycling	Freezer	62%	38%	0.0%	
Residential	Behavior Modification	All measures	N/A	N/A	N/A	N/A
Residential	ENERGY STAR New Homes	Single-Family Homes	100%	0%	0.3%	
Residential	HPwES	CFL	82%	19%	1.0%	
Residential	HPwES	Faucet Aerator	92%	9%	1.0%	
Residential	HPwES	Showerhead	86%	15%	1.0%	
Residential	HPwES	Air sealing	71%	30%	1.0%	
Residential	HPwES	Insulation	78%	23%	1.0%	
Residential	HPwES	Thermostat	87%	13%	0.0%	
Residential	HVAC	<SEER 16 CAC/HP (RB)	60%	62%	0.1%	22.0%
Residential	HVAC	SEER 16+ CAC/HP (RB)	64%	58%	0.1%	22.0%
Residential	HVAC	<SEER 16 CAC/HP (ER)	63%	59%	0.1%	22.0%
Residential	HVAC	SEER 16+ CAC/HP (ER)	76%	46%	0.1%	22.0%

Residential	HVAC	Brushless Motors	76%	46%	0.1%	22.0%
Residential	Moderate Income	All measures	100%	0%	0.0%	
Residential	Multifamily In-unit	CFLs	95%	11%	6.0%	
Residential	Multifamily In-unit	Programmable Thermostat	104%	2%	6.0%	
Residential	Multifamily In-unit	Faucet Aerators	106%	0%	6.0%	
Residential	Multifamily In-unit	Showerheads	100%	6%	6.0%	
Residential	School Efficiency Kits	CFLs	83%	43%	26.0%	
Residential	School Efficiency Kits	Showerheads	105%	15%	20%	
Residential	School Efficiency Kits	Faucet Aerators	104%	13%	17%	
Residential	School Efficiency Kits	Water Heater Setback	100%	0%	0%	

Electric Recommended NTGRs	Gas Re			
	Recommended Gas Value	G FR	G Part SO	G Non-Part SO
PY5 Evaluation - Part Self-Report & PY7 Evaluation for NP Self-Report for NPSO	83%	17%	0%	0%
PY6 Evaluation - Part Self-Report/RSP Interviews; PY7 NP Self-Report for NPSO	91%	9%	0%	0%
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	N/A	N/A	N/A	N/A
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	49.4%	50.6%	0.0%	0.0%
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	N/A	N/A	N/A	N/A
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	67.5%	32.5%	0.0%	0.0%
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	60.8%	39.2%	0.0%	0.0%
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	N/A	N/A	N/A	N/A
PY4 Evaluation - Part Self-Report	N/A	N/A	N/A	N/A
PY4 Evaluation - Part Self-Report	89%	21%	10%	0%
ComEd PY7 BILD Evaluation	N/A	N/A	N/A	N/A
ComEd PY7 BILD Evaluation	N/A	N/A	N/A	N/A
Project specific NTG (see Rationale)	N/A	N/A	N/A	N/A
PY6 Evaluation - Part Self-Report	N/A	N/A	N/A	N/A
PY6 Evaluation - Part Self-Report	N/A	N/A	N/A	N/A
see Rationale	N/A	N/A	N/A	N/A
PY6 Evaluation - Part Self-Report	100.6%	1%	1.2%	
PY6 Evaluation - Part Self-Report	N/A	N/A	N/A	0%
PY6 Evaluation - Part Self-Report	94%	8%	2%	0%
PY6 Evaluation - Part Self-Report	91%	11%	2%	0%
PY6 Evaluation - Part Self-Report	72%	30%	2%	0%
PY6 Evaluation - Part Self-Report	78%	24%	2%	0%
Deemed Value	87%	13%	0%	0%
PY5 (SO) and PY6 (FR) evaluations	N/A	N/A	N/A	N/A
PY5 (SO) and PY6 (FR) evaluations	N/A	N/A	N/A	N/A
PY5 (SO) and PY6 (FR) evaluations	N/A	N/A	N/A	N/A
PY5 (SO) and PY6 (FR) evaluations	N/A	N/A	N/A	N/A

PY5 (SO) and PY6 (FR) evaluations	N/A	N/A	N/A	N/A
AIC and ICC staff consensus	100%	0%	0%	0%
PY6 Evaluation - Part Self-Report	N/A	N/A	N/A	N/A
PY6 Evaluation - Part Self-Report	98%	2%	0%	
PY6 Evaluation - Part Self-Report	100%	0%	0%	
PY6 Evaluation - Part Self-Report	94%	6%	0%	
Avg. of Values from Similar Programs	N/A			
Avg. of Values from Similar Programs	105%	15%	20%	
Avg. of Values from Similar Programs	104%	13%	17%	
Secondary research	100%	0%	0%	

commended NTGRs

Gas Source(s)	Rationale
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report & RSP Interviews	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
PY7 Evaluation - Part Self-Report & NP Self-Report for NPSO	Most recent AIC specific value available
N/A	Most recent AIC specific value available
PY4 Evaluation - Part Self-Report	Most recent AIC specific value available
N/A	Most recent Illinois specific value available
N/A	Most recent Illinois specific value available
Project specific NTG (see Rationale)	The evaluation team will determine project specific NTGRs upfront and these values will remain in place for the life of the project.
N/A	Most recent AIC specific value available
N/A	Most recent AIC specific value available
see Rationale	Savings determined through billing analysis
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
N/A	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
Deemed Value	Reasonable planning assumption
N/A	Most recent AIC specific value available
N/A	Most recent AIC specific value available
N/A	Most recent AIC specific value available
N/A	Most recent AIC specific value available

N/A	Most recent AIC specific value available
AIC and ICC staff consensus	Program design
N/A	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
PY6 Evaluation - Part Self-Report	Most recent AIC specific value available
Based upon averaging NIPSCO, Nicor Rider 29, and Nicor Gas GPY1	Given a lack of Ameren specific data, we recommend this value, which is based on the average of results from three similar programs and
Based upon averaging NIPSCO, Nicor Rider 29, and Nicor Gas GPY1	
Based upon averaging NIPSCO, Nicor Rider 29, and Nicor Gas GPY1	
Secondary research	We recommend this value since this measure has no cost, and therefore there is no reason why they