

ComEd NTGRs PY1-PY7																			
Sector	Program	PY1	PY2	PY3	PY4	PY5 SAG Consensus	PY5 Research			PY5 Report Status	PY6 SAG Consensus	EPY7 EM&V Recommendations				PY7 FR Source	PY7 SO Source	PY7 Notes	SAG Call
							Free Ridership	Spillover	NTG			Free Ridership	Participant Spillover	Nonparticip ant Spillover	PY7 EM&V NTGR Recommended Value				
C&I	Business Standard	0.67	0.74	0.72	0.70													No program-level PY5 estimates	
C&I	Business Standard - Lighting			0.74	0.70	0.74	0.26	0.05	0.79	draft	0.70	0.26	0.07		0.81	self-report participant	Participant and TA researched - TA used		
C&I	Business Standard - Non-Lighting			0.62	0.63	0.62	0.31	0.06	0.75		0.63	0.31	0.08		0.77	self-report participant	Participant and TA researched - TA used		
C&I	Business Custom	0.72	0.76	0.56	0.61	0.56	0.36	0.00	0.64	draft	0.61	0.36	0.00	0.00	0.64	PY5 self-report participant	PY5 self-report participant	Participants spillover researched and small, but not negligible	
C&I	Data Centers	NA	NA	NA	0.43	0.56	0.52	0.00	0.48	draft		0.52	0.00	0.00	0.48	PY5 self-report participant	PY5 self-report participant	Participants spillover researched and small, but not negligible	Discussed
C&I	Industrial Systems (FKA Compressed Air)	NA	NA	NA	0.67	0.67	0.33	0.01	0.68		0.67	0.33	0.01	0.00	0.68	PY5 self-report participant	PY5 self-report participant	Participants spillover researched and small, but not negligible	
C&I	Business Retrocommissioning	0.80	0.92	0.71	1.04	0.71	No research	No research	No research	draft	1.04	0.10	0.14	0.00	1.04	EPY4 research	EPY4 research	No new research in PY5. Spillover is a mixture of participant and nonparticipant (from trade allies).	
C&I	Business New Construction - Program	NA	0.59	0.65	0.57	0.65	No research	No research	No research	draft	0.52	0.46			0.54+0.05=0.59	PY4 participant surveys	EM&V Estimate	PY7 recommendation is the NTG for comprehensive projects; program expects to have mostly comprehensive projects in PY7	Discussed
C&I	Business New Construction - Comprehensive Projects	NA	NA	NA	0.54	NA	No research	No research	No research			0.46			0.54+0.05=0.59				Discussed
C&I	Business New Construction - Systems Projects	NA	NA	NA	0.59	NA	No research	No research	No research			0.41			0.59+0.05=0.64				Discussed
C&I	BILD - Mid Stream Incentives	NA	NA	0.74	0.63	0.74	0.42	0.05	0.63	draft	0.63								
C&I	BILD - CFLs						0.41	0.07	0.66			0.41	0.07	0.00	0.64	Participant surveys	Participant surveys		
C&I	BILD - LEDs						0.38	0.08	0.70			0.38	0.08	0.00	0.70	Participant surveys	Participant surveys		
C&I	BILD - Linear Fluorescents						0.47	0.03	0.56			0.47	0.03	0.00	0.56	Participant surveys	Participant surveys	EPY5 CFL NTG=0.66. 2-year average = 0.64 and recommended in PY5 final report.	
C&I	BILD - other						0.40	0.07	0.67			0.40	0.07	0.00	0.67	Participant surveys	Participant surveys		
C&I	Small Business	NA	NA	NA	0.95	0.90	No research	No research	No research	draft	0.95	0.05	0.00	0.00	0.95	EPY4 Participant and	EPY4 Participant and	PY4 SO rounded to 0 (negligible)	
Residential	Residential Lighting Program	0.68	0.58	0.71	0.54		0.48	0.02	0.54	draft									Discussed
Residential	Residential Lighting Program -Standard CFL				0.55	0.72	0.47	0.02	0.55		0.54		0.01	0.003	0.60	PY5 in-store intercept surveys		Standard and Specialty CFL recommendation = 3-year weighted average. Specialty CFL PY3 NTG estimated using ratio of Standard/Specialty from PY4 and PY5. Value for Total spillover = 0.02	Discussed - no consensus
Residential	Residential Lighting Program - Specialty CFL				0.44	0.80	0.53	0.02	0.48		0.80		0.01	0.003	0.51	PY5 in-store intercept surveys			Discussed, EM&V recommendation changed for NTG from 0.55 to 0.51
Residential	Residential Lighting Program - CFL Fixtures				0.54	0.79	0.48	0.02	0.54		0.54				0.75	New bulb type to the program. EM&V Est			Discussed
Residential	Residential Lighting Program - LED Bulbs				0.54	NA	0.53	0.02	0.48						0.75	New bulb type to the program. EM&V Est			Discussed
Residential	Residential Lighting Program - LED Fixtures				0.54	NA	0.48	0.02	0.54						0.75	New bulb type to the program. EM&V Est			Discussed
Residential	Residential Lighting Program - Coupon				0.55	NA	0.47	0.02	0.55						As above				Discussed
Residential	Fridge Freezer Recycling Rebate (Appliance Recycling)	0.73	0.75	0.68	NA					draft									Discussed
Residential	Fridge Freezer Recycling Rebate - Refrigerators				0.77	0.67	0.44	0.00	0.56		0.73					PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Freezers				0.77	0.75	0.48	0.00	0.52		0.82					PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Room AC units				0.58	0.70	0.50	0.00	0.50		0.72					PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Refrigerator - Retailers						0.83	0.00	0.17			0.83	0.00	0.00	0.17	PY5 participant and	None	Based upon secondary research and field knowledge, the indication is SO is negligible. Deeming NTG at the retailer/non-retailer level gives the program the opportunity to improve final net savings by adjusting program operations.	Discussed
Residential	Fridge Freezer Recycling Rebate - Refrigerator - Non-Retailers						0.21	0.00	0.79			0.21	0.00	0.00	0.79	PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Freezer - Retailers						0.79	0.00	0.21			0.79	0.00	0.00	0.21	PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Freezer - Non-Retailers						0.41	0.00	0.59			0.41	0.00	0.00	0.59	PY5 participant and	None		Discussed
Residential	Fridge Freezer Recycling Rebate - Room AC - Non-Retailers						0.50	0.00	0.50			0.50	0.00	0.00	0.50	PY5 participant and	None		Discussed
Residential	Multi-Family All Electric	0.80	0.80	0.90	0.98	0.81	No research	No research	No research	draft						EPY4 participant survey	PY4 building manage	PY4 research; all CFL measures	
Residential	Multi-Family with Gas	NA	NA		0.94	0.93	No research	No research	No research	draft						EPY4 participant survey	PY4 building manage	PY4 research; all water efficiency measures	
Residential	Multi-Family - CFLs				0.98	0.81	No research	No research	No research		0.98	0.02	0.00	0.00	0.98	EPY4 participant survey	None		Discussed - no consensus
Residential	Multi-Family - Showerhead				0.92	0.93	No research	No research	No research		0.92	0.08	0.00	0.00	0.92	EPY4 participant survey	None		
Residential	Multi-Family - Bath Aerator				0.94	0.93	No research	No research	No research			0.06	0.00	0.00	0.94	EPY4 participant survey	None		
Residential	Multi-Family - Kitchen Aerator				1.00	0.93	No research	No research	No research			0.00	0.00	0.00	1.00	EPY4 participant survey	None		
Residential	Multi-Family - Other Measures, Direct Installed in Units						No research	No research	No research				0.00	0.00	0.95	EM&V Estimate	None	Not enough responses to calculate measure-level NTG. (Programmable thermostats, pipe wrap, which are direct install.)	Discussed
Residential	Multi-Family - Other Measures, Direct Installed in Common Areas						No research	No research	No research				0.00	0.00	0.95	EM&V Estimate	None	Not enough responses to calculate measure-level NTG. (Programmable thermostats, pipe wrap, which are direct install.)	Discussed
Residential	Multi-Family Comprehensive projects						Not offered until PY6	No research	No research	No research	draft	0.80				EM&V Estimate	EM&V Estimate	New program NTGR element in EPY6	Discussed - no consensus
Residential	Single Family with Gas - Direct Install Measures	NA	NA	0.79	NA	0.89	0.23	0.03	0.80	draft		0.23	0.03		0.80	EPY4 and EPY5 participants surveys			
Residential	Single Family All Electric	NA	0.88	0.92	NA	0.89	0.20	0.09	0.89	draft									
Residential	Single Family with Gas - Lighting				0.79	0.89	0.24	0.04	0.80		0.79					Use DI #			
Residential	Single Family with Gas - Showerhead				0.75	0.94	0.07	0.02	0.95		0.75					Use DI #			
Residential	Single Family with Gas - Kitchen Aerator				NA	0.94	0.01	0.07	1.06							Use DI #			
Residential	Single Family with Gas - Bath Aerator				NA	0.94	0.01	0.00	0.99							Use DI #			
Residential	Single Family with Gas - Water Heater Temp Setback				NA	0.94	0.12	0.00	0.88							Use DI #			
Residential	Single Family with Gas - Pipe Insulation				NA	0.94	0.12	0.00	0.88							Use DI #			
Residential	Single Family with Gas - Programmable Thermostat				NA	NA	NA	NA	NA							Use DI #			
Residential	Single Family with Gas - Programmable Thermostat Education				NA	NA	NA	NA	NA							Use DI #			
Residential	Single Family with Gas - Weatherization Measures				0.80	0.80	0.10	0.11	1.02	draft	0.80	0.10	0.11		1.02	EPY4 and EPY5 participants surveys, EP			
Residential	Single Family with Gas - Attic Insulation				NA	0.80	0.21	0.00	0.79							Use Weatherization #			
Residential	Single Family with Gas - Wall Insulation				NA	0.80	0.22	0.00	0.78							Use Weatherization #			
Residential	Single Family with Gas - Floor Insulation (other)				NA	0.80	0.16	0.00	0.84							Use Weatherization #			
Residential	Single Family with Gas - Duct Sealing				NA	0.80	NA	NA	NA							Use Weatherization #			
Residential	Single Family with Gas - Air Sealing				NA	0.80	0.14	0.00	0.86							Use Weatherization #			
Residential	Complete System Replacement with Gas - Participant	NA	NA	NA	0.59	R	No research	No research	No research	Draft		0.41							
Residential	Complete System Replacement with Gas - Trade Ally	NA	NA	NA	NA	R	0.25	0 + 0.12 + 0.20	0.99		0.59	0.25	0.12	0.20	0.99	EPY4 participant survey	EPY5 participating trade ally	PY5 NTG = (0.41 (PY4 participant survey) + 0.25 (EPY5 trade allies))/2 + 0.12 (participating trade ally spillover) + 0.20 (non-participating trade ally spillover)	Discussed - no consensus
Residential	Residential New Construction	NA	NA	NA	NA	R	No research	No research	No research	draft	0.80				0.80	Planning value	None	No evaluation research has been done; 0.8 is NTG planning value	
Residential	Elementary Energy Education	NA	NA	NA	0.76	0.76	No research	No research	No research	final	0.76	varies	varies	0.00	0.76	PY4 participant survey	PY4 participant survey	PY4 total NTG was weighted based upon all measures (e.g., aerators, CFLs, etc.)	