AIC PY7 NTGR Recommendations

		Electric NTGR						Gas NTG					
Sector	Program	Measure Description	Overall E Value	E FR	E Part SO	E Non-Part SO	Electric Source	G Overall Value	G FR	G Part SO	G Non-Part SO	Gas Source	Rationale
Business	C&I Standard	Lighting	78%	26%	3%	1%	PY5 Report Table 53	N/A				PY4 Report Table 46	We recommend using this value as it is the most recent value available for the program based on primary data. For NPSO, this value is based on primary research with non-participating Ameren business customers (n=496, random sample). The method used to quantify spillover and apply the findings to the population were thoroughly vetted by the team's external QA/QC consultant. We chose to remove one large Ameren customer from the analysis given our determination that they were would be eligible for DCEO programs only.
Business	C&I Standard	Motor	81%	20%	0.3%	1%	PY4 Report Table 46	N/A				PY4 Report Table 46	We recommend this value as it is the most recent value available for the program based on primary research. Further, we do not expect significant changes to these program offerings. See above for NPSO rationale.
Business	C&I Standard	HVAC	44%	57%	0.3%	1%	PY4 Report Table 46	80%	40%	20%		PY4 Report Table 46	We recommend this value as it is the most recent value available for the program based on primary research. Further, we do not expect significant changes to these program offerings. See above for NPSO rationale.
Business	C&I Standard	Steam Trap	N/A				N/A	90%	10%			PY5 Report Table 53	We recommend using this value as it is the most recent value available for the program based on primary data.
Business	C&I Standard	Specialty	83%	18%	0.3%	1%	Combination of values from PY4 Report Table 46	90%	30%	20%		Combination of values from PY4 Report Table 46	We recommend using this value as it is the most recent value available for the program based on primary data. See above for NPSO rationale.
Business	C&I Custom	All projects	75%	26%	0.1%	1%	PY5 Report Table 27	74%	26%	0.1%		PY5 Report Table 27	specific primary data collection. For gas, the team plans to conduct additional research in PY6, but did not find a comparable secondary data source. As a result, we suggest application of the PY5 electric NTGR for the gas program in PY7. See above for NPSO rationale.
Res	Lighting	Standard CFLs	47%	53%	0%		PY5 Lighting Report Table 29	N/A					At present, we have only one NTG measurement for the residential lighting program. As such, we put forward the PY5 value for use in PY7.
Res	Behavioral Modification	N/A	N/A				N/A	N/A					We will perform billing analysis, which will provide net results.
Business	Large C&I	All projects	72%	28%	0%		PY3 and PY5 NTG data from the C&I Custom Program.	72%	28%		0%	PY3 and PY5 NTG data from the C&I Custom Program.	We recommend this value based on past interviews with large program participants given that research has not been conducted for this program to date.
Business	C&I RCx	All projects	96%	15%	10%	1%	PY4 Report Table 9	95%	15%	10%	0%	PY4 Report Table 9	We recommend this value as it is the most recent value available for the program based on primary research. Further, we do not expect significant changes to the program in the lead-up to PY7. See above for NPSO rationale.
Res	Multifamily In-Unit	CFLs	81%	19%	0%		EPY3 ComEd Multifamily Evaluation	N/A				N/A	Given that there are no AIC specific values and the ComEd program includes this measure, we recommend use of their EPY3 NTGR, which is based on primary data. Further, based on AIC's program design we feel that the data from tenants is the most appropraite choice for this program. PY6 research is also planned with tenants.
Res	Multifamily In-Unit	Faucet Aerators	94%	6%	0%		EPY3 ComEd Multifamily Evaluation	94%	6%	0%		EPY3 ComEd Multifamily Evaluation	Given that there are no AIC specific values and the ComEd program includes this measure, we recommend use of their EPY3 NTGR, which is based on primary data. Further, based on AIC's program design we feel that the data from tenants is the most appropraite choice for this program. PY6 research is also planned with tenants.
Res	Multifamily In-Unit	Showerheads	93%	7%	0%		EPY3 ComEd Multifamily Evaluation	93%	7%	0%		EPY3 ComEd Multifamily Evaluation	Given that there are no AIC specific values and the ComEd program includes this measure, we recommend use of their EPY3 NTGR, which is based on primary data. Further, based on AIC's program design we feel that the data from tenants is the most appropraite choice for this program. PY6 research is also planned with tenants.
Res	Multifamily In-Unit	Water Temp Setback	100%	0%	0%		PY2 Ameren value	100%	0%	0%		PY2 Ameren value	Given that there are no AIC specific values and the ComEd program does not include these measures, we recommend continued use of 1 as the NTGR. PY6 research is planned.
Res	Multifamily In-Unit	Programmable Thermostat	100%	0%	0%		PY2 Ameren value	100%	0%	0%		PY2 Ameren value	Given that there are no AIC specific values and the ComEd program does not include these measures, we recommend continued use of 1 as the NTGR. PY6 research is planned.
Res	HVAC	<SEER 16 CAC/HP (RB)	65%	57%	0.1%	22%	PY5 HVAC Report Table 26; NPSO is from a contractor survey	N/A					We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	SEER 16+ CAC/HP (RB)	72%	50%	0.1%	22%	PY5 HVAC Report Table 26; NPSO is from a contractor survey	N/A					We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	<SEER 16 CAC/HP (ER)	53%	69%	0.1%	22%	PY5 HVAC Report Table 26; NPSO is from a contractor survey	N/A					We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	SEER 16+ CAC/HP (ER)	78%	44%	0.1%	22%	PY5 HVAC Report Table 26; NPSO is from a contractor survey	N/A					We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	Brushless Motors	66%	56%	0.1%	22%	PY5 HVAC Report Table 26; NPSO is from a contractor survey	N/A					We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	95% Furnace or Boiler	N/A				N/A	64%	50%	0%	14%	PY5 HVAC Report Table 26	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HVAC	97% Furnace	N/A				N/A	51%	62%	0%	14%	PY5 HVAC Report Table 26	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	CFLs	97%	12%	9%		PY4 HEP Report Table 24	91%	12%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Faucet Aerators	86%	23%	9%		PY4 HEP Report Table 24	75%	28%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Low-flow showerheads	105%	4%	9%		PY4 HEP Report Table 24	82%	21%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Air sealing	88%	21%	9%		PY4 HEP Report Table 24	83%	20%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Attic insulation	88%	21%	9%		PY4 HEP Report Table 24	80%	23%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Wall insulation	88%	21%	9%		PY4 HEP Report Table 24	80%	23%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	HPwES	Programmable thermostats	N/A				N/A	90%	13%	2.5%		PY4 HEP Report Table 24	We recommend using these values as they are the most recent values available for the program based on primary data.
Res	Appliance Recycling	Refrigerators	56%	47%	3%		PY5 Appliance Recycling Report Table 22	N/A					We recommend using this value as it is the most recent value available for the program based on primary data. Note that the FR value includes induced replacement, which is 5%.
Res	Appliance Recycling	Freezers	62%	39%	1%		PY4 Appliance Recycling Report Table 13	N/A					We recommend using this value as it is the most recent value available for the program based on primary data. Note that the FR value includes induced replacement, which is 3%.
Res	Appliance Recycling	Window AC Units	50%	50%	0%		EPY5 ComEd ARP Evaluation	N/A					We recommend using this value as it is the most recent value available based on primary data. Further, ComEd and AIC values for ARP have generally been consistent.
Res	Moderate Income	All Measures	100%	0%	0%		AIC and ICC staff consensus	100%	0%		0%	AIC and ICC staff consensus	The program is targeted to participants who are within 200% and 300% of the federal poverty level guidelines for household size. As such, program participants are unlikely to have installed many of the measures offered through the program without assistance from the program. As a result, we used the EMV NTGR of 1.0 based upon discussions with AIC and ICC prior to the evaluation plan being finalized.
Res	ES New Homes	All Measures	80%	N/A	N/A	N/A	Deemed value	80%	N/A	N/A	N/A	Deemed value	We recommend the continued use of the deemed value given the low share of portfolio savings.
Res	School Kits	CFLs	85%	22%	7.1%		Secondary Research	N/A				Secondary Research	Given a lack of Ameren specific data, we recommend this value, which is based on a 2013 unpublished Midwest utility's evaluation of a very similar program.
Res	School Kits	Showerheads	94%	13%	7.1%		Secondary Research	95%	13%		7.6%	Secondary Research	Given a lack of Ameren specific data, we recommend this value, which is based on a 2013 unpublished Midwest utility's evaluation of a very similar program.
Res	School Kits	Faucet Aerators	100%	6.7%	7.1%		Secondary Research	100%	6.7%		7.6%	Secondary Research	Given a lack of Ameren specific data, we recommend this value, which is based on a 2013 unpublished Midwest utility's evaluation of a very similar program.
Res	School Kits	Water Heater Setback	100%	0%			Secondary Research	100%	0%		0%	Secondary Research	Given a lack of Ameren specific data, we recommend this value, which is based on a 2013 unpublished Midwest utility's evaluation of a very similar program.