

Chapter 8 - Appendix A

Supplemental Information

This appendix includes additional detail on the individual uncertainties, associated favorable and unfavorable ranges, and subjective weights used to develop the overall uncertainty ranges for both load and budget impacts, as presented in Section 8.4.1.

RAP - Energy Efficiency	Load Impacts					
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	-5%	8%	32%	8%	-1.50%	0.67%
Avoided Cost (b)	-10%	1%	5%	15%	-0.49%	0.22%
Prolonged Economic Downturn	-14%	0%	33%	0%	-4.72%	0.00%
Volatile Weather	0%	12%	0%	22%	0.00%	2.50%
High Touch Marketing	0%	13%	0%	15%	0.00%	1.99%
Large Customer Opt-Outs	-51%	20%	5%	10%	-2.54%	1.99%
NTG Uncertainty (Attribution Case)	-9%	4%	25%	5%	-2.30%	0.20%
Residential LED Lighting	0%	16%	0%	0%	0.00%	0.00%
TOU Rate Scenario	0%	3%	0%	10%	0.00%	0.29%
Improved Technology	0%	2%	0%	15%	0.00%	0.32%
			100.00%	100.00%	-11.60%	8.20%

MAP – Energy Efficiency	Load Impacts					
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	-5%	8%	32%	8%	-1.47%	0.67%
Avoided Cost (b)	-12%	1%	5%	15%	-0.60%	0.22%
Prolonged Economic Downturn	-14%	0%	33%	0%	-4.65%	0.00%
Volatile Weather	0%	11%	0%	22%	0.00%	2.33%
High Touch Marketing	0%	0%	0%	15%	0.00%	0.00%
Large Customer Opt-Outs	-15%	13%	5%	10%	-0.74%	1.28%
NTG Uncertainty (Attribution Case)	-35%	4%	25%	5%	-8.80%	0.20%
Residential LED Lighting	0%	13%	0%	0%	0.00%	0.00%
TOU Rate Scenario	0%	2%	0%	10%	0.00%	0.17%
Improved Technology	0%	3%	0%	15%	0.00%	0.44%
			100.00%	100.00%	-16.30%	5.30%

RAP - Budget Impacts	Budget Impact					
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	-48%	15%	32%	8%	-15.20%	1.24%
Avoided Cost (b)	-1%	2%	5%	15%	-0.05%	0.28%
Prolonged Economic Downturn	-14%	0%	33%	0%	-4.61%	0.00%
Volatile Weather	0%	9%	0%	22%	0.00%	1.92%
High Touch Marketing	0%	15%	0%	15%	0.00%	2.31%
Large Customer Opt-Outs	-6%	13%	5%	10%	-0.30%	1.28%
NTG Uncertainty (Attribution Case)	3%	-2%	25%	5%	0.80%	-0.09%
Residential LED Lighting	0%	2%	0%	0%	0.00%	0.00%
TOU Rate Scenario	0%	-2%	0%	10%	0.00%	-0.23%
Improved Technology	0%	11%	0%	15%	0.00%	1.67%
			100.00%	100.00%	-19.30%	8.40%

MAP - Budget Impacts	Budget Impact					
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	-5%	8%	32%	8%	-1.47%	0.67%
Avoided Cost (b)	-12%	1%	5%	15%	-0.60%	0.22%
Prolonged Economic Downturn	-14%	0%	33%	0%	-4.65%	0.00%
Volatile Weather	0%	11%	0%	22%	0.00%	2.33%
High Touch Marketing	0%	0%	0%	15%	0.00%	0.00%
Large Customer Opt-Outs	-15%	13%	5%	10%	-0.74%	1.28%
NTG Uncertainty (Attribution Case)	-35%	4%	25%	5%	-8.80%	0.20%
Residential LED Lighting	0%	13%	0%	0%	0.00%	0.00%
TOU Rate Scenario	0%	2%	0%	10%	0.00%	0.17%
Improved Technology	0%	3%	0%	15%	0.00%	0.44%
			100.00%	100.00%	-16.30%	5.30%

RAP/MAP - Demand Response Load Impacts						
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	0%	0%	42%	8%	0.08%	0.02%
Avoided Cost (b)	0%	1%	7%	15%	0.01%	0.08%
Prolonged Economic Downturn	-1%	0%	44%	0%	-0.27%	0.00%
High Touch Marketing	0%	23%	0%	15%	0.00%	3.48%
Large Customer Opt-Outs	-18%	13%	7%	10%	-1.21%	1.33%
Additional Demand Response Rate Options	0%	21%	0%	52%	0.00%	10.90%
			100.00%	100.00%	-1.50%	15.70%

RAP/MAP- Demand Response Budget Impacts						
Sensitivity	unfavorable (low)	favorable (high)	weight (unfavorable)	weight (favorable)	unfavorable (low)	favorable (high)
Avoided Cost (a)	0%	0%	42%	8%	0.08%	0.02%
Avoided Cost (b)	0%	1%	7%	15%	0.01%	0.08%
Prolonged Economic Downturn	-1%	0%	44%	0%	-0.27%	0.00%
High Touch Marketing	0%	23%	0%	15%	0.00%	3.48%
Large Customer Opt-Outs	-18%	13%	7%	10%	-1.21%	1.33%
Additional Demand Response Rate Options	0%	21%	0%	52%	0.00%	10.90%
			100.00%	100.00%	-1.50%	15.70%