

Housing Type	Summer Impact (at Generator)	Winter Impact (at Generator)	Annual Incentive (\$/Participant)	AP Participation (% of Customers)
Single Family	1.80	1.99	\$54.87	26%
Multi Family	0.93	1.19	\$54.87	28%
Mobile Home/Other	1.78	1.98	\$54.87	28%

Segment (Housing Type or Size)	Summer Measure Impact (at Generator)	Winter Measure Impact (at Generator)	Annual Incentive (\$/Participant)	Participation (% of Customers)
0-15,000 kWh	0.69	0.75	\$41.42	10%
15,001-25,000 kWh	1.45	2.07	\$63.70	7%
25,001-50,000 kWh	1.89	2.93	\$58.22	5%
50,001 kWh +	5.09	3.75	\$98.00	4%

Segment (Housing Type or Size)	Customer Summer Peak Demand (kW)	Customer Winter Peak Demand (kW)	Annual Incentive (\$/kW)	Participation (% of Load)
0-50 kW	15.95	12.79	\$59.86	6%
51-300 kW	92.72	68.07	\$59.86	6%
301-500 kW	346.97	266.34	\$59.86	17%
501 kW +	837.91	763.61	\$59.86	26%

Summary tables for all three sectors (Res/Com/Ind):

Table 1. Achievable Potential Savings for Residential and Non-Residential Sectors

	Residential	Non-Residential	Total
Summer Peak (MW)	4,998	3,227	8,225
Achievable Summer Peak Savings (MW)	42	119	161
% of Summer Peak	1%	4%	2%
Winter Peak (MW)	5,652	3,025	8,677
Achievable Winter Peak Savings (MW)	39	101	140
% of Winter Peak	1%	3%	2%

Technical Potential/Economic Potential

	Residential	Non-Residential	Total
Summer Peak (MW)	4,998	3,227	8,225
Technical Summer Peak Savings (MW)	1,434	1,857	3,292
% of Summer Peak	29%	58%	40%
Winter Peak (MW)	5,652	3,025	8,677
Technical Winter Peak Savings (MW)	2,627	1,446	4,073
% of Winter Peak	46%	48%	47%

Results Compare from ITRON 2013

	Residential	Non-Residential	Total
Summer Peak (MW)	4,713	2,277	6,990
Summer Peak Savings (MW)	735	270	1,005
% of Summer Peak	16%	12%	14%
Winter Peak (MW)	5,262	1,546	6,808
Winter Peak Savings (MW)	868	89	957
% of Winter Peak	16%	6%	14%

Table 2. Summer Peak Demand by Segment by Sector

Residential

Segment	MW	% of Sector Peak
Single Family	3,575	72%
Multi-Family	910	18%
Mobile Home/Other	513	10%
<b>Total</b>	<b>4,998</b>	<b>100%</b>

GS

Segment	MW	% of Sector Peak
0-15,000 kWh	153	47%
15,001-25,000 kWh	63	20%
25,001-50,000 kWh	56	17%
50,000 kWh+	51	16%
<b>Total</b>	<b>324</b>	<b>100%</b>

GSD

Segment	MW	% of Sector Peak
0-50 kW	677	23%
51-300 kW	957	33%
301-500 kW	350	12%
501 kW+	919	32%
<b>Total</b>	<b>2,903</b>	<b>100%</b>

Table 3. Winter Peak Demand by Segment by Sector

Residential

Segment	MW	% of Sector Peak
Single Family	4,063	72%
Multi-Family	959	17%
Mobile Home/Other	630	11%
<b>Total</b>	<b>5,652</b>	<b>100%</b>

GS

Segment	MW	% of Sector Peak
0-15,000 kWh	126	46%
15,001-25,000 kWh	57	21%
25,001-50,000 kWh	50	18%
50,000 kWh+	38	14%
<b>Total</b>	<b>271</b>	<b>100%</b>

GSD

Segment	MW	% of Sector Peak
0-50 kW	636	23%
51-300 kW	823	30%
301-500 kW	315	11%
501 kW+	980	36%
<b>Total</b>	<b>2,754</b>	<b>100%</b>

Table 4. Summer Peak Potential by End Use by Sector (UNADJUSTED)

Residential

End Use	MW	% of Sector Peak
Space Heating	0	0%
Space Cooling	676	14%
Water Heater	95	2%
Pool Pump	47	1%
<b>Total</b>	<b>817</b>	<b>16%</b>

GS

End Use	MW	% of Sector Peak
Space Heating	0	0%
Space Cooling	3	1%
<b>Total</b>	<b>3</b>	<b>1%</b>

GSD

End Use	MW	% of Sector Peak
All	396	14%
<b>Total</b>	<b>396</b>	<b>14%</b>

Table 5. Winter Peak Potential by End Use by Sector (UNADJUSTED)

Residential

End Use	MW	% of Sector Peak
Space Heating	768	14%
Space Cooling	0	0%
Water Heater	153	3%
Pool Pump	30	1%
<b>Total</b>	<b>952</b>	<b>17%</b>

GS

End Use	MW	% of Sector Peak
Space Heating	8	3%
Space Cooling	0	0%
<b>Total</b>	<b>8</b>	<b>3%</b>

GSD

End Use	MW	% of Sector Peak
All	348	13%
<b>Total</b>	<b>348</b>	<b>13%</b>

Table 6. Summer Peak Potential by End Use by Sector (ADJUSTED FOR EXISTING DR)

Residential

End Use	MW	% of Sector Peak
---------	----	------------------

GS

End Use	MW	% of Sector Peak
---------	----	------------------

GSD

End Use	MW	% of Sector Peak
---------	----	------------------

Space Heating	0	0%
Space Cooling	30	1%
Water Heater	0	0%
Pool Pump	12	0%
<b>Total</b>	<b>42</b>	<b>1%</b>

Space Heating	0	0%
Space Cooling	3	1%
<b>Total</b>	<b>3</b>	<b>1%</b>

All	115	4%
<b>Total</b>	<b>115</b>	<b>4%</b>

Table 7. Winter Peak Potential by End Use by Sector (ADJUSTED FOR EXISTING DR)

End Use	MW	% of Sector Peak
Space Heating	31	1%
Space Cooling	0	0%
Water Heater	0	0%
Pool Pump	8	0%
<b>Total</b>	<b>39</b>	<b>1%</b>

End Use	MW	% of Sector Peak
Space Heating	8	3%
Space Cooling	0	0%
<b>Total</b>	<b>8</b>	<b>3%</b>

End Use	MW	% of Sector Peak
All	92	3%
<b>Total</b>	<b>92</b>	<b>3%</b>

Data for Table 7-8

	Residential	SMB	Large C&I
Achievable Summer Peak Savings (MW)	42	3	115

	Residential	SMB	Large C&I
Achievable Winter Peak Savings (MW)	39	8	92

Figure 7-18

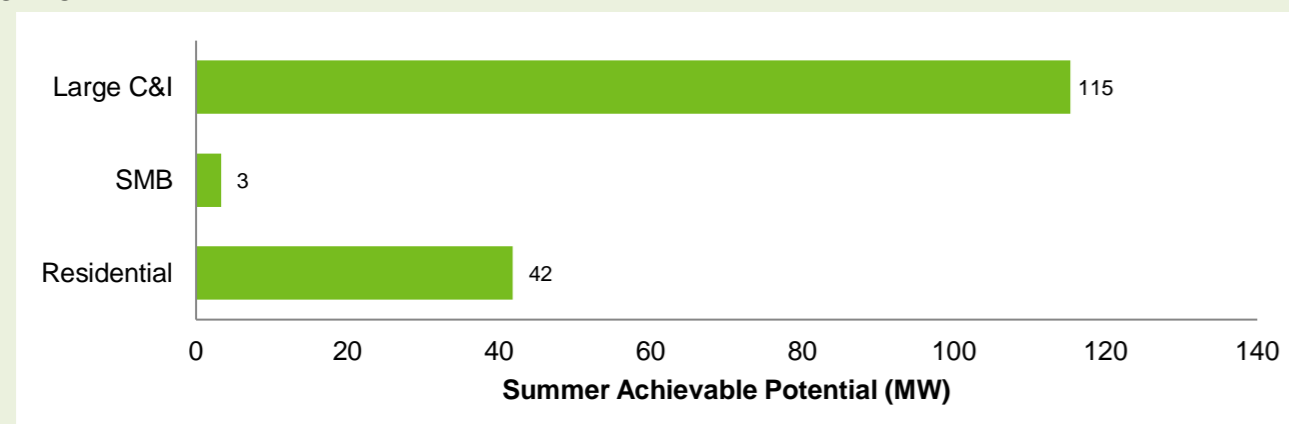
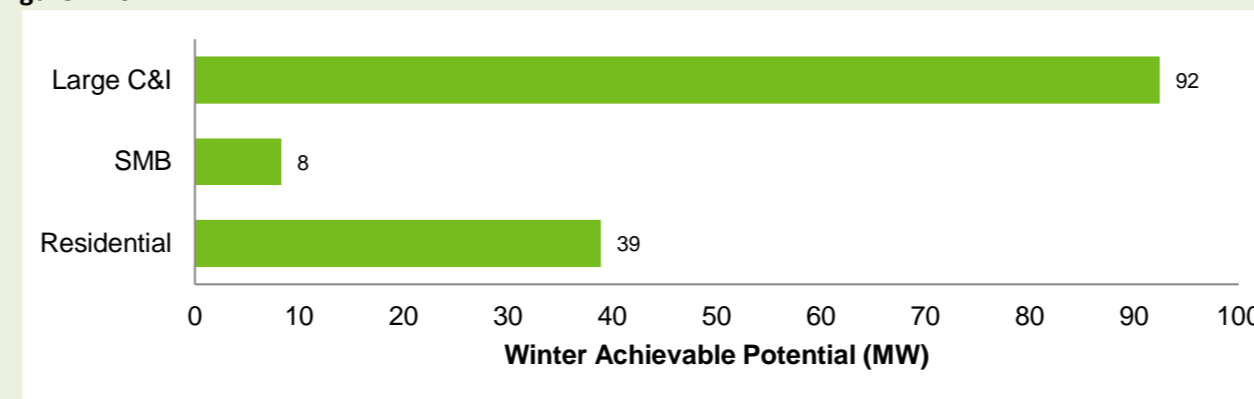


Figure 7-19

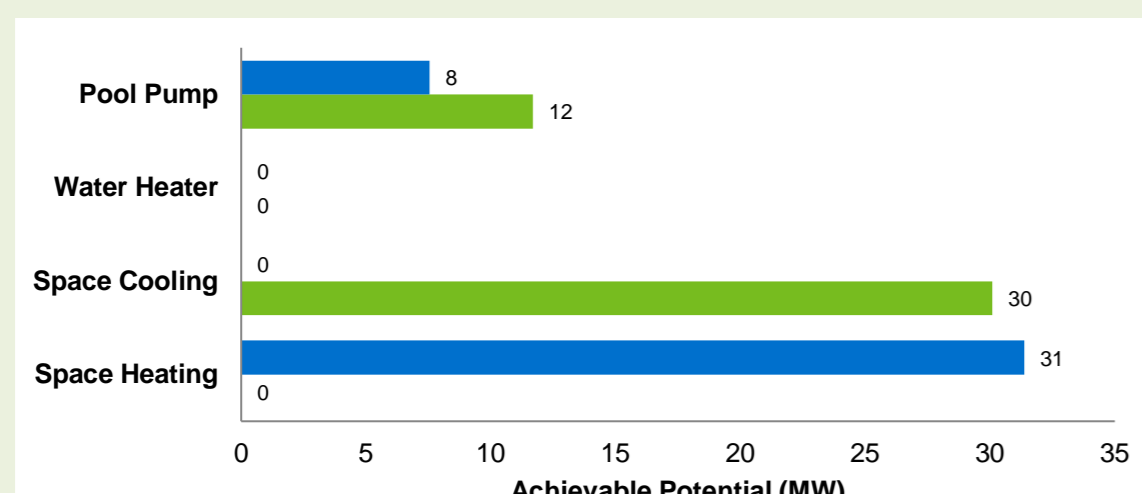


	Residential	Non-Residential	Total
Summer Peak (MW)	4,998	3,227	8,225
Achievable Summer Peak Savings (MW)	42	119	161
% of Summer Peak	1%	4%	2%
Winter Peak (MW)	5,652	3,025	8,677
Achievable Winter Peak Savings (MW)	39	101	140
% of Winter Peak	1%	3%	2%

	Summer Peak (MW)	Achievable Summer Peak	% of Summer Peak	Winter Peak (MW)	Achievable Winter Peak Savings (MW)	% of Winter Peak
Residential	4,998	42	1%	5,652	39	1%
Non-Residential	3,227	119	4%	3,025	101	3%
Total	8,225	161	2%	8,677	140	2%

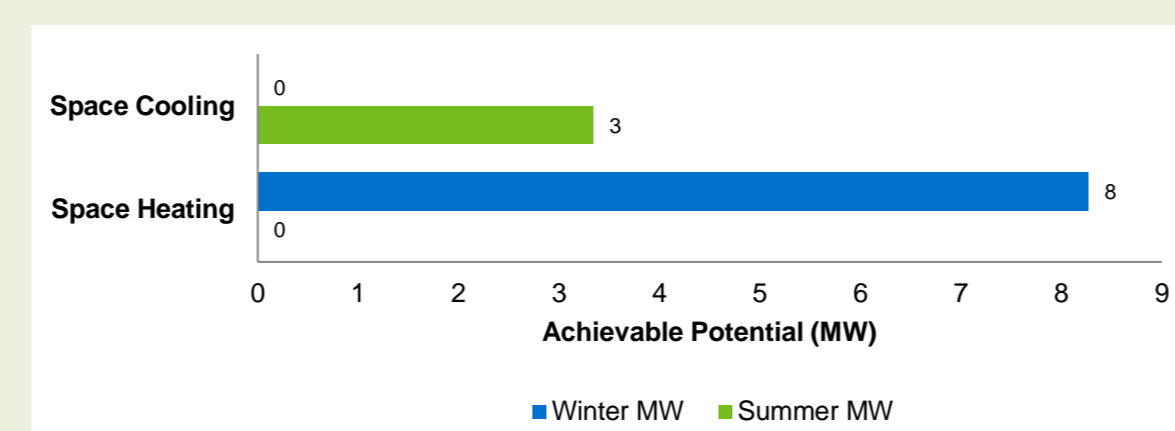
End Use	Summer MW	Winter MW
Space Heating	0	31
Space Cooling	30	0
Water Heater	0	0
Pool Pump	12	8
<b>Total</b>	<b>42</b>	<b>39</b>

FIGURE 7-20



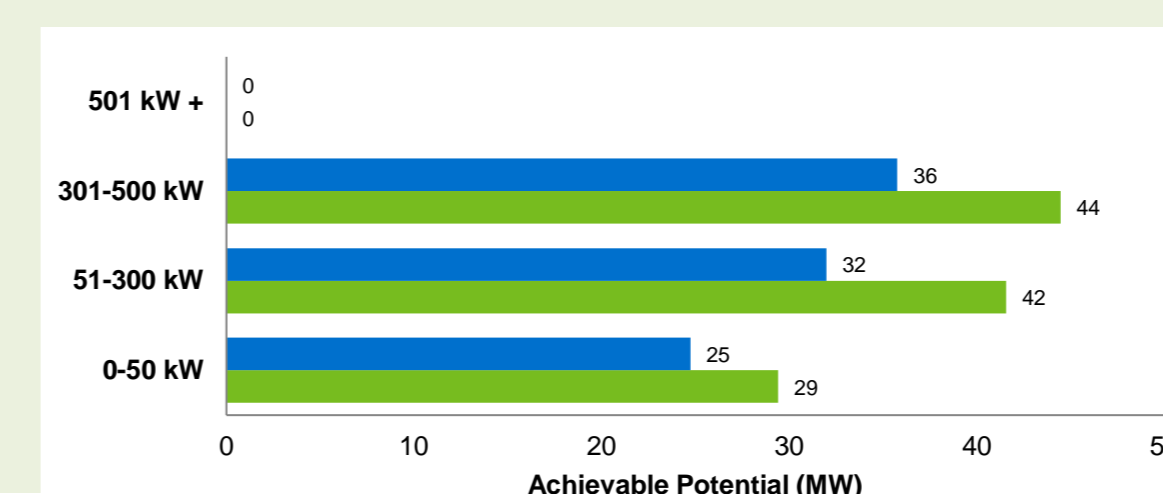
End Use	Summer MW	Winter MW
Space Heating	0	8
Space Cooling	3	0
<b>Total</b>	<b>3</b>	<b>8</b>

FIGURE 7-21



End Use	Summer MW	Winter MW
0-50 kW	29	25
51-300 kW	42	32
301-500 kW	44	36
501 kW +	0	0
<b>Total</b>	<b>115</b>	<b>92</b>

FIGURE 7-22



Renewable Potential (MW)  
■ Winter MW ■ Summer MW

Renewable Potential (MW)  
■ Winter MW ■ Summer MW

Utility	Measure	End Use Targeted	Current Program	Passes RIM?	Overall Participation with Max Incentive & Current CE (Including Existing DR)	Summer Measure Impact (at Generator)	Winter Measure Impact (at Generator)	Annual Incentive (\$/Participant)	Summer Max Additional MW from Measure	Winter Max Additional MW from Measure
DEF	HVAC - Load Shed	Central Heating/Cooling	EnergyWise	Yes	27%	1.55	1.76	\$54.87	26	31
DEF	HVAC - 50% Cycling	Central Heating/Cooling	EnergyWise	Yes	27%	0.77	0.88	\$54.87	13	16
DEF	Water heater switches	Water Heater	EnergyWise	Yes	27%	0.22	0.36	\$54.87	0	0
DEF	Pool pump switches	Pool Pump	EnergyWise	Yes	26%	0.80	0.52	\$54.87	12	8
DEF	Room AC control	Supplemental Heating/Cooling	None	Yes	10%	0.21	0.24	\$1.98	5	5
DEF	Smart thermostats - Utility Installation	Central Heating/Cooling	None	No	0%	0.77	0.37	\$0.00	0	0
DEF	Smart thermostats - BYOT	Central Heating/Cooling	None	Yes	25%	0.77	0.37	\$29.62	25	12
DEF	CPP + Tech	Central Heating/Cooling	None	No	0%	1.23	0.79	\$0.00	0	0

NOTE: Each measure's max achievable potential represents the potential if all remaining customers participated in that specific measure, measure with the greatest annual savings is what will be included in final results

GRAY MEASURES DID NOT PASS

Utility	Measure	End Use Targeted	Current Program	Passes RIM/TRC?	Overall Participation	Summer Measure Impact (at Generator)	Winter Measure Impact (at Generator)	Annual Incentive (\$/Participant)	Summer Max Additional MW from Measure	Winter Max Additional MW from Measure
DEF	HVAC - Load Shed	HVAC	None	Yes	10%	1.97	2.35	\$68.96	3	8
DEF	HVAC - 50% Cycling	HVAC	None	Yes	5%	0.62	0.80	\$43.07	2	3
DEF	Smart thermostats - Utility Installation	HVAC	None	Yes	0%	2.55	0.80	\$50.52	0	0
DEF	Smart thermostats - BYOT	HVAC	None	Yes	0%	0.62	0.34	\$27.64	0	0
DEF	CPP + Tech	HVAC	None	No	0%	0.62	0.34	\$27.64	0	0

Utility	Measure	End Use Targeted	Current Program	Passes RIM?	Overall Participation with Max Incentive & Current CE (Including Existing DR)	Summer Customer Peak Demand kW (at Generator)	Winter Customer Peak Demand kW (at Generator)	Annual Incentive (\$/kW)	Summer Max Additional MW from Measure	Winter Max Additional MW from Measure
DEF	Auto DR	All	Interruptible	Yes	14%	52.88	42.84	\$59.86	115	92
DEF	CPP	All	None	Yes	6%	21.15	17.14	\$44.54	26	18
DEF	Firm Service Level/Guaranteed Load Drop	All	Curtable	Yes	12%	52.88	42.84	\$44.86	70	80

Utility	Housing Type	Sector	End Use Targeted	Measure	Current Program	Passed RIM?	Summer Measure Impact (at Generator)	Winter Measure Impact (at Generator)	RIM Cost-Benefit Ratio	Annual Incentive (\$/Participant)	AP Participation (% of Customers)	AP Summer MW for Measure (No Adjustment)	Max AP Summer MW for Measure (All DR Participants Removed)	AP Winter MW for Measure (No Adjustment)	Max AP Winter MW for Measure (All DR Participants Removed)
DEF	Single Family	Residential	HVAC	HVAC - Load Shed	EnergyWise	Yes	1.80	1.99	1.00	\$54.87	26%	460	0	509	0
DEF	Multi Family	Residential	HVAC	HVAC - Load Shed	EnergyWise	Yes	0.93	1.19	1.00	\$54.87	28%	124	18	157	23
DEF	Mobile Home/Other	Residential	HVAC	HVAC - Load Shed	EnergyWise	Yes	1.78	1.98	1.00	\$54.87	28%	92	7	102	8
DEF	Single Family	Residential	HVAC	HVAC - Cycling	EnergyWise	Yes	0.90	1.00	1.00	\$54.87	26%	230	0	254	0
DEF	Multi Family	Residential	HVAC	HVAC - Cycling	EnergyWise	Yes	0.47	0.59	1.00	\$54.87	28%	62	9	79	12
DEF	Mobile Home/Other	Residential	HVAC	HVAC - Cycling	EnergyWise	Yes	0.89	0.98	1.00	\$54.87	28%	46	4	51	4
DEF	Single Family	Residential	Water Heater	Water heater switches	EnergyWise	Yes	0.22	0.36	1.00	\$54.87	26%	54	0	87	0
DEF	Multi Family	Residential	Water Heater	Water heater switches	EnergyWise	Yes	0.22	0.36	1.00	\$54.87	28%	29	0	48	0
DEF	Mobile Home/Other	Residential	Water Heater	Water heater switches	EnergyWise	Yes	0.22	0.36	1.00	\$54.87	28%	12	0	19	0
DEF	Single Family	Residential	Pool Pump	Pool pump switches	EnergyWise	Yes	0.80	0.52	1.00	\$54.87	26%	47	12	30	8
DEF	Multi Family	Residential	Pool Pump	Pool pump switches	EnergyWise	Yes	0.00	0.00	NA	\$54.87	0%	0	0	0	0
DEF	Mobile Home/Other	Residential	Pool Pump	Pool pump switches	EnergyWise	Yes	0.00	0.00	NA	\$54.87	0%	0	0	0	0
DEF	Single Family	Residential	Supplemental Heating/Cooling	Room AC control	None	Yes	0.22	0.25	1.00	\$2.64	10%	1	1	1	1
DEF	Multi Family	Residential	Supplemental Heating/Cooling	Room AC control	None	No	0.12	0.15	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Mobile Home/Other	Residential	Supplemental Heating/Cooling	Room AC control	None	Yes	0.22	0.24	1.00	\$2.09	11%	4	4	4	4
DEF	Single Family	Residential	HVAC	Smart thermostats - Utility Installation	None	No	0.90	0.42	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Multi Family	Residential	HVAC	Smart thermostats - Utility Installation	None	No	0.47	0.25	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Mobile Home/Other	Residential	HVAC	Smart thermostats - Utility Installation	None	No	0.89	0.42	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Single Family	Residential	HVAC	Smart thermostats - BYOT	None	Yes	0.90	0.42	1.00	\$36.50	25%	17	17	8	8
DEF	Multi Family	Residential	HVAC	Smart thermostats - BYOT	None	Yes	0.47	0.25	1.00	\$12.15	23%	4	4	2	2
DEF	Mobile Home/Other	Residential	HVAC	Smart thermostats - BYOT	None	Yes	0.89	0.42	1.00	\$38.26	27%	3	3	2	2
DEF	Single Family	Residential	HVAC	CPP + Tech	None	No	1.35	0.87	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Multi Family	Residential	HVAC	CPP + Tech	None	No	0.92	0.61	NA	\$0.00	NA	NA	NA	NA	NA
DEF	Mobile Home/Other	Residential	HVAC	CPP + Tech	None	No	1.34	0.87	NA	\$0.00	NA	NA	NA	NA	NA



Utility	Segment (Housing Type or Size)	Sector	End Use Targeted	Measure	Current Program	Passed RIM?	Summer Measure Impact (at Generator)	Winter Measure Impact (at Generator)	Cost-Benefit Ratio	Annual Incentive (\$/Participant)	AP Summer Participation (% of Customers)	AP Summer MW for Measure	AP Winter Participation (% of Customers)	AP Winter MW for Measure
DEF	0-15,000 kWh	Small Medium Business	HVAC	HVAC - Load Shed	None	Yes	0.69	0.75	1.00	\$41.42	9%	1	10%	6
DEF	15,001-25,000 kWh	Small Medium Business	HVAC	HVAC - Load Shed	None	Yes	1.45	2.07	1.00	\$63.70	7%	1	7%	1
DEF	25,001-50,000 kWh	Small Medium Business	HVAC	HVAC - Load Shed	None	Yes	1.89	2.93	1.00	\$58.22	3%	0	5%	1
DEF	50,001 kWh +	Small Medium Business	HVAC	HVAC - Load Shed	None	Yes	5.09	3.75	1.00	\$98.00	5%	1	4%	0
DEF	0-15,000 kWh	Small Medium Business	HVAC	HVAC - 50% cycling	None	Yes	0.35	0.37	1.00	\$22.96	11%	1	4%	1
DEF	15,001-25,000 kWh	Small Medium Business	HVAC	HVAC - 50% cycling	None	Yes	0.72	1.04	1.00	\$63.70	11%	0	11%	1
DEF	25,001-50,000 kWh	Small Medium Business	HVAC	HVAC - 50% cycling	None	Yes	0.95	1.47	1.00	\$58.22	6%	0	8%	1
DEF	50,001 kWh +	Small Medium Business	HVAC	HVAC - 50% cycling	None	Yes	2.55	1.87	1.00	\$79.11	0%	0	7%	0
DEF	0-15,000 kWh	Small Medium Business	HVAC	Smart thermostats - Utility Installation	None	No	0.35	0.16	0.58	\$0.00	NA	NA	NA	NA
DEF	15,001-25,000 kWh	Small Medium Business	HVAC	Smart thermostats - Utility Installation	None	No	0.72	0.44	0.63	\$0.00	NA	NA	NA	NA
DEF	25,001-50,000 kWh	Small Medium Business	HVAC	Smart thermostats - Utility Installation	None	No	0.95	0.62	0.56	\$0.00	NA	NA	NA	NA
DEF	50,001 kWh +	Small Medium Business	HVAC	Smart thermostats - Utility Installation	None	Yes	2.55	0.80	1.00	\$50.52	5%	0	0%	0
DEF	0-15,000 kWh	Small Medium Business	HVAC	Smart thermostats - BYOT	None	Yes	0.35	0.16	1.00	\$19.12	10%	0	0%	0
DEF	15,001-25,000 kWh	Small Medium Business	HVAC	Smart thermostats - BYOT	None	Yes	0.72	0.44	1.00	\$43.37	11%	0	0%	0
DEF	25,001-50,000 kWh	Small Medium Business	HVAC	Smart thermostats - BYOT	None	Yes	0.95	0.62	1.00	\$21.65	6%	0	0%	0
DEF	50,001 kWh +	Small Medium Business	HVAC	Smart thermostats - BYOT	None	No	2.55	0.80	1.00	\$0.00	NA	NA	NA	NA
DEF	0-15,000 kWh	Small Medium Business	HVAC	CPP + Tech	None	No	0.35	0.23	0.65	\$0.00	NA	NA	NA	NA
DEF	15,001-25,000 kWh	Small Medium Business	HVAC	CPP + Tech	None	No	0.72	0.65	0.73	\$0.00	NA	NA	NA	NA
DEF	25,001-50,000 kWh	Small Medium Business	HVAC	CPP + Tech	None	No	0.95	0.92	0.65	\$0.00	NA	NA	NA	NA
DEF	50,001 kWh +	Small Medium Business	HVAC	CPP + Tech	None	No	2.55	1.17	0.70	\$0.00	NA	NA	NA	NA

Utility	Segment (Housing Type or Size)	Sector	End Use Targeted	Measure	Current Program	Passed RIM/TRC?	Annual Incentive (\$/kW)	Customer Summer Peak Demand (kW)	Customer Winter Peak Demand (kW)	AP Summer Participation (% of Load)	AP Summer MW for Measure (No Adjustment)	Max AP Summer MW for Measure (Enrolled DR customers removed)	AP Winter Participation (No Adjustment)	AP Winter MW for Measure (No Adjustment)	Max AP Winter MW for Measure (Enrolled DR customers removed)
DEF	0-50 kW	Large C&I	ALL	Auto DR	None	Yes	\$59.86	15.95	12.79	6%	29	29	6%	25	25
DEF	51-300 kW	Large C&I	ALL	Auto DR	None	Yes	\$59.86	92.72	68.07	6%	42	42	6%	32	32
DEF	301-500 kW	Large C&I	ALL	Auto DR	None	Yes	\$59.86	346.97	266.34	17%	44	44	17%	36	36
DEF	501 kW +	Large C&I	ALL	Auto DR	Interruptible	Yes	\$59.86	837.91	763.61	26%	281	0	26%	256	0
DEF	0-50 kW	Large C&I	ALL	CPP	None	Yes	\$44.86	6.38	5.12	5%	6	6	5%	5	5
DEF	51-300 kW	Large C&I	ALL	CPP	None	Yes	\$44.86	37.09	27.23	5%	9	9	5%	6	6
DEF	301-500 kW	Large C&I	ALL	CPP	None	Yes	\$27.79	138.79	106.53	9%	6	6	9%	5	5
DEF	501 kW +	Large C&I	ALL	CPP	None	Yes	\$44.86	335.16	305.45	21%	5	5	21%	3	3
DEF	0-50 kW	Large C&I	ALL	Firm Service Level/Guaranteed Load Drop	None	Yes	\$44.86	15.95	12.79	5%	18	18	5%	21	21
DEF	51-300 kW	Large C&I	ALL	Firm Service Level/Guaranteed Load Drop	None	Yes	\$44.86	92.72	68.07	5%	25	25	5%	28	28
DEF	301-500 kW	Large C&I	ALL	Firm Service Level/Guaranteed Load Drop	None	Yes	\$44.86	346.97	266.34	14%	27	27	14%	31	31
DEF	501 kW +	Large C&I	ALL	Firm Service Level/Guaranteed Load Drop	Curtaillable	Yes	\$44.86	837.91	763.61	21%	230	0	21%	210	0