

Application No.: A.19-11-003, et al.
Exhibit No.: SCE-05A2
Witnesses: _____



SOUTHERN CALIFORNIA
EDISON[®]

An *EDISON INTERNATIONAL*[®] Company

(U 338-E)

***Second Amended Testimony Supporting
Southern California Edison Company's Policy
for the Energy Savings Assistance (ESA) and
California Alternative Rates for Energy
(CARE) Programs***

Before the

Public Utilities Commission of the State of California

Rosemead, California
August 13, 2020

Attachment B

Excel Spreadsheets

Table A-5 Savings and Participation
 PY 2021-2026 Energy Savings Assistance Portfolio Goals and Target Populations
 Southern California Edison Company

	Electric Savings					Demand Savings				Gas Savings [6]					GHG Savings [6][8]				Combined (Electric and Gas) Savings [6]				
	Aggregate Values			Annual Values [3]		Aggregate Values			Annual Values [3]	Aggregate Values			Annual Values[3]		Aggregate Values			Annual Values [3]	Aggregate Values			Annual Values [3]	
	Total Opportunity (MWh)	Total Goal (MWh)	Total Participation Goal (HH)	Average Annual Electric Savings per Household (kWh/HH/yr)	Average Annual Electric Bill Savings per Household (\$/HH/yr) [4]	Total Opportunity (kW)	Total Goal (kW)	Total Participation Goal (HH)	Average Annual Demand Savings per Household (kW/HH/yr)	Total Opportunity (therms)	Total Goal (therms)	Total Participation Goal (HH)	Average Annual Gas Savings per Household (therms/HH)	Average Annual Gas Bill Savings per Household (\$/HH/yr) [4]	Total Opportunity (GHG Metric Tons)	Total Goal (GHG Metric Tons)	Total Participation Goal (HH)	Average Annual GHG Savings per Household (Metric Tons)/HH	Total Opportunity (BTU)	Total Goal (BTU)	Total Participation Goal (HH)	Average Annual BTU Savings per Household (BTU/HH)	
Target Populations																							
Housing Type																							
2021																							
Single Family	13,399	13,399	32,399	414	\$ 66	1,976	1,976	32,399	0.06	(86,648)	(86,648)	32,399	(2.67)	N/A	630	630	32,399	0.019	37,052,801,308	37,052,801,308	32,399	1,143,640	
Multifamily [1]	7,691	7,691	11,864	648	\$ 104	733	733	11,864	0.06	(72,303)	(72,303)	11,864	(6.09)	N/A	344	344	11,864	0.029	19,012,602,580	19,012,602,580	11,864	1,602,546	
Mobile Homes	1,971	1,971	1,369	1,440	\$ 230	249	249	1,369	0.18	(1,686)	(1,686)	1,369	(1.23)	N/A	165	165	1,369	0.120	6,558,094,373	6,558,094,373	1,369	4,790,427	
Subtotal	23,062	23,061	45,632	505	\$ 81	2,959	2,958	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	1,139	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
Single Family	111,156	111,156	204,480	544	\$ 87	46,912	46,912	204,480	0.23	1,143,378	1,143,378	204,480	5.59	N/A	16,651	16,651	204,480	0.081	493,602,333,356	493,602,333,356	204,480	2,413,939	
Multifamily[1]	38,271	38,271	59,036	648	\$ 104	11,811	11,811	59,036	0.20	202,690	202,690	59,036	3.43	N/A	4,359	4,359	59,036	0.074	150,849,977,092	150,849,977,092	59,036	2,555,220	
Mobile Homes	3,510	3,510	22,720	154	\$ 25	1,688	1,688	22,720	0.07	46,485	46,485	22,720	2.05	N/A	526	526	22,720	0.023	16,625,338,402	16,625,338,402	22,720	731,749	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Housing Total	175,999	175,998	331,868	530	\$ 85	63,370	63,369	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	
Customer Type [5]																							
2022-2026																							
Disadvantaged Communities [2]	62,704	62,704	117,357	534	\$ 85	24,768	24,768	117,357	0.21	570,948	570,948	117,357	4.87	N/A	8,830	8,830	117,357	0.075	271,042,390,322	271,042,390,322	117,357	2,309,555	
Tribal Communities	1,496	1,495	2,799	534	\$ 85	591	591	2,799	0.21	13,617	13,617	2,799	4.87	N/A	211	211	2,799	0.075	6,464,443,114	6,464,443,114	2,799	2,309,555	
Other ESA-eligible Communities	88,737	88,738	166,080	534	\$ 85	35,052	35,052	166,080	0.21	807,988	807,988	166,080	4.87	N/A	12,496	12,496	166,080	0.075	383,570,815,415	383,570,815,415	166,080	2,309,555	
Customer Total	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Climate Zone*																							
2021																							
6	2,900	2,900	7,337	395	\$ 63	364	364	7,337	0.05	(24,725)	(24,725)	7,337	(3.37)	N/A	138	138	7,337	0.019	7,421,478,495	7,421,478,495	7,337	1,011,514	
8	4,522	4,522	11,005	411	\$ 66	573	573	11,005	0.05	(33,254)	(33,254)	11,005	(3.02)	N/A	245	245	11,005	0.022	12,104,425,260	12,104,425,260	11,005	1,099,902	
9	3,439	3,439	8,254	417	\$ 67	439	439	8,254	0.05	(27,084)	(27,084)	8,254	(3.28)	N/A	176	176	8,254	0.021	9,025,340,289	9,025,340,289	8,254	1,093,450	
10	5,561	5,561	9,630	577	\$ 92	755	755	9,630	0.08	(37,246)	(37,246)	9,630	(3.87)	N/A	262	262	9,630	0.027	15,248,219,777	15,248,219,777	9,630	1,583,408	
13	1,664	1,664	2,293	726	\$ 116	238	238	2,293	0.10	(11,979)	(11,979)	2,293	(5.22)	N/A	70	70	2,293	0.030	4,480,817,739	4,480,817,739	2,293	1,954,129	
14	3,085	3,085	4,362	707	\$ 113	369	369	4,362	0.08	(18,331)	(18,331)	4,362	(4.20)	N/A	141	141	4,362	0.032	8,692,775,523	8,692,775,523	4,362	1,992,842	
15	1,404	1,404	1,834	766	\$ 123	154	154	1,834	0.08	(3,618)	(3,618)	1,834	(1.97)	N/A	91	91	1,834	0.049	4,430,008,649	4,430,008,649	1,834	2,415,490	
16	487	487	917	531	\$ 85	67	67	917	0.07	(4,400)	(4,400)	917	(4.80)	N/A	17	17	917	0.018	1,220,432,528	1,220,432,528	917	1,330,897	
Subtotal	23,062	23,062	45,632	505	\$ 81	2,959	2,959	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	1,139	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
6	17,414	17,414	45,798	380	\$ 61	5,625	5,625	45,798	0.12	(134,797)	(134,797)	45,798	(2.94)	N/A	888	888	45,798	0.019	45,937,279,788	45,937,279,788	45,798	1,003,041	
8	29,470	29,470	68,697	429	\$ 69	8,828	8,828	68,697	0.13	(180,385)	(180,385)	68,697	(2.63)	N/A	1,645	1,645	68,697	0.024	82,513,517,647	82,513,517,647	68,697	1,201,123	
9	23,301	23,301	51,522	452	\$ 72	7,617	7,617	51,522	0.15	(152,755)	(152,755)	51,522	(2.96)	N/A	1,280	1,280	51,522	0.025	64,228,075,920	64,228,075,920	51,522	1,246,615	
10	39,310	39,310	60,110	654	\$ 105	13,053	13,053	60,110	0.22	(136,940)	(136,940)	60,110	(2.28)	N/A	2,587	2,587	60,110	0.043	120,430,558,056	120,430,558,056	60,110	2,003,503	
13	7,188	7,188	14,312	502	\$ 80	4,518	4,518	14,312	0.32	714,534	714,534	14,312	49.93	N/A	4,730	4,730	14,312	0.330	95,978,740,708	95,978,740,708	14,312	6,706,172	
14	19,906	19,906	28,623	695	\$ 111	14,817	14,817	28,623	0.52	1,084,798	1,084,798	28,623	37.90	N/A	7,952	7,952	28,623	0.278	176,399,380,725	176,399,380,725	28,623	6,162,854	
15	13,558	13,558	11,449	1,184	\$ 189	4,663	4,663	11,449	0.41	268,901	268,901	11,449	23.49	N/A	2,627	2,627	11,449	0.229	73,148,666,150	73,148,666,150	11,449	6,389,088	
16	2,791	2,791	5,725	487	\$ 78	1,290	1,290	5,725	0.23	(70,803)	(70,803)	5,725	(12.37)	N/A	(173)	(173)	5,725	(0.030)	2,441,429,855	2,441,429,855	5,725	426,451	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Climate Zone Total	175,999	175,999	331,868	530	\$ 85	63,370	63,370	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	
Other Category*																							
2021	23,062	23,061	45,632	505	\$ 81	2,959	2,959	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	2,078	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
Tier 1	98,283	98,313	69,100	1,422	\$ 228	30,052	30,086	69,100	0.43	(940,684)	(940,689)	69,100	(13.61)	N/A	2,226	7,731	69,100	0.032	241,272,036,358	241,374,148,803	69,100	3,491,636	
Tier 2	15,537	15,507	154,970	100	\$ 16	17,456	17,421	154,970	0.11	2,075,528	2,171,830	154,970	13.39	N/A	13,104	354	154,970	0.085	260,565,875,627	270,093,464,723	154,970	1,681,396	
Multifamily	38,271	38,271	59,036	648	\$ 104	11,811	11,811	59,036	0.20	202,690	202,690	59,036	3.43	N/A	4,359	4,359	59,036	0.074	150,849,977,092	150,849,977,092	59,036	2,555,220	
Pilot	846	846	3,130	270	\$ 43	1,093	1,093	3,130	0.35	55,019	55,019	3,130	17.58	N/A	1,847	1,847	3,130	0.590	8,389,759,773	8,389,759,773	3,130	2,680,434	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Customer Total	175,999	175,998	331,868	530	\$ 85	63,370	63,369	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	

*Optional categories to fill-in. Housing Type and Customer Type are mandatory.
 [1] For the purposes of this Application, consider a multifamily building has at a minimum five or more units.
 [2] As designated by CalEPA using their CalEnviroScreen Tool.
 [3] Include both Resource and Equity measures in calculation.
 [4] Sixteen cents average cost per kWh source: 2021-2026 ESA CET.
 [5] Average savings of all program offerings used to calculate savings per household. Data pertains to 2022-2026 only, when new program cycle goals for these customer segments will be in effect.
 [6] Therms, GHG, and BTU impacts include negative interactive effects for electric measures, plus impacts due to substitution of electricity for gas base cases. Only GHG impacts are claimed for measures with propane base cases.
 [7] Insignificant differences in some values shown are due to rounding in underlying calculations.
 [8] Decision 19-06-022, Appendix B, Table A-5 did not provide a specific methodology for the calculation of GHG savings. SCE applied CO2 impacts output for electric and gas from the CEDARS CET tool. GHG impacts from displacing propane usage for certain measures were calculated separately and added into totals shown.

Table A-6a Housing Type MF

**Energy Savings Assistance Program Detail by Housing Type (Multifamily only)*
Southern California Edison**

	PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026
	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated
Gas and Electric Customers						
Owners - Total						
Properties	30	60	90	180	150	120
Multifamily Tenant Units	11,564	5,904	8,855	17,711	14,759	11,807
Units Treated	N/A	N/A	N/A	N/A	N/A	N/A
Electric Customers (only)						
Owners - Total						
Properties	30	60	90	180	150	120
Multifamily Tenant Units	11,564	5,904	8,855	17,711	14,759	11,807
Units Treated	N/A	N/A	N/A	N/A	N/A	N/A
Gas Customers (only)						
Owners - Total						
Properties						
Multifamily Tenant Units						
Units Treated						

NOTES

- 1 Multifamily buildings are defined as 5 or more units.
 - 2 Property is a collection of one or more buildings that constitute a multifamily property.
 - 3 Multifamily tenant units are provided here to give a sense of the number of low-income households impacted through treatment of a whole building treatment or common area measures.
 - 4 "Units Treated" should only be completed for units not captured in A-6 as part of a whole building treatment where measures are installed in common areas and in units.
- * Numbers stated for MF are estimates and will be further refined once 3rd party implementer is awarded

Table A-7 Cost Effectiveness
 Summary of Energy Savings Assistance Program Cost Effectiveness
 Southern California Edison

		Ratio of Program Benefits over Program Costs	
		Energy Savings Assistance Cost Effectiveness Test (ESACET) [1]	Resource Measure Total Resources Cost (Resource TRC) [1]
	PY 2016 [2]	N/A	N/A
	PY 2017	0.72	0.71
	PY 2018	1.02	1.12
	PY 2019 [3]	0.62	0.48
	PY 2020 [3]	0.56	0.41
Estimated	PY 2021 [4]	0.59	0.74
	PY 2022 [4]	0.57	0.80
	PY 2023 [4]	0.61	0.78
	PY 2024 [4]	0.70	0.79
	PY 2025 [4]	0.72	0.79
	PY 2026 [4]	0.77	0.82

[1] All program measures "resource and non-resource measures" are included in the ESACET.
 [2] Ordering Paragraph 43 of D. 14-08-030 directs the 2015-2017 ESA Application to use the two
 [3] SCE's Advice Letter 3824-E-A.
 [4] No Non-Energy Benefits are allocated to the Multi Family common area measures.

Table A-8 Weather
Energy Savings Assistance Program Cost-Effectiveness- Weather Sensitive Measures
Southern California Edison

Energy Savings Assistance Program Cost-Effectiveness - Weather Sensitive Measures

Measure*	R=Resource E= Equity or Non Resource	Measure Group	Type of Home (SF, MH, MF)	Electric or Gas (E, G)	Climate Zone** (Number)	2021		2022		2023		2024		2025		2026	
						ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin
						Air Filter Replacement	Resource	Maintenance	MH	E	6	N/A	N/A	0.34	0.07	0.40	0.07
Air Filter Replacement	Resource	Maintenance	MH	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	MH	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	MH	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	MH	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	MH	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	MH	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	MH	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Air Filter Replacement	Resource	Maintenance	MF	E	6	N/A	N/A	0.34	0.07	0.40	0.07	0.47	0.07	0.49	0.07	0.57	0.07
Air Filter Replacement	Resource	Maintenance	MF	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	MF	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	MF	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	MF	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	MF	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	MF	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	MF	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Air Filter Replacement	Resource	Maintenance	SF	E	6	N/A	N/A	0.34	0.07	0.40	0.07	0.47	0.07	0.49	0.07	0.57	0.07
Air Filter Replacement	Resource	Maintenance	SF	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	SF	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	SF	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	SF	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	SF	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	SF	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	SF	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	10	N/A	N/A	0.46	0.53	0.51	0.54	0.58	0.56	0.60	0.58	0.62	0.60
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	13	N/A	N/A	0.40	0.40	0.44	0.42	0.50	0.43	0.52	0.44	0.55	0.46
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	14	N/A	N/A	0.41	0.43	0.46	0.44	0.52	0.46	0.54	0.47	0.57	0.49
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	15	N/A	N/A	0.41	0.43	0.46	0.44	0.52	0.46	0.54	0.47	0.57	0.49
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	16	N/A	N/A	0.37	0.35	0.41	0.36	0.47	0.37	0.48	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	10	N/A	N/A	0.40	0.40	0.44	0.41	0.50	0.42	0.52	0.44	0.55	0.45
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	13	N/A	N/A	0.38	0.36	0.42	0.37	0.47	0.38	0.49	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	14	N/A	N/A	0.44	0.49	0.49	0.50	0.56	0.52	0.57	0.53	0.60	0.55
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	15	N/A	N/A	0.38	0.36	0.42	0.37	0.47	0.38	0.49	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	16	N/A	N/A	0.40	0.40	0.45	0.42	0.51	0.43	0.52	0.45	0.55	0.47
Central HP - CAC Gas	Non Resource	HVAC	MH	E	13	N/A	N/A	0.42	0.46	0.47	0.48	0.54	0.50	0.56	0.52	0.59	0.54
Central HP - CAC Gas	Non Resource	HVAC	MH	E	14	N/A	N/A	0.41	0.40	0.45	0.42	0.52	0.44	0.54	0.46	0.57	0.48
Central HP - CAC Gas	Resource	HVAC	MH	E	15	N/A	N/A	0.43	0.44	0.47	0.46	0.54	0.47	0.56	0.49	0.59	0.51
Central HP - CAC Gas	Non Resource	HVAC	MF	E	13	N/A	N/A	0.45	0.49	0.50	0.51	0.57	0.54	0.60	0.56	0.62	0.58
Central HP - CAC Gas	Non Resource	HVAC	MF	E	14	N/A	N/A	0.41	0.41	0.46	0.43	0.52	0.44	0.54	0.46	0.57	0.48
Central HP - CAC Gas	Resource	HVAC	MF	E	15	N/A	N/A	0.37	0.33	0.41	0.34	0.47	0.35	0.48	0.37	0.52	0.38
Central HP - CAC Gas	Non Resource	HVAC	SF	E	13	N/A	N/A	0.35	0.35	0.39	0.37	0.45	0.38	0.47	0.40	0.50	0.42
Central HP - CAC Gas	Non Resource	HVAC	SF	E	14	N/A	N/A	0.35	0.33	0.40	0.35	0.45	0.36	0.47	0.38	0.51	0.39
Central HP - CAC Gas	Resource	HVAC	SF	E	15	N/A	N/A	0.34	0.28	0.38	0.29	0.43	0.30	0.45	0.31	0.48	0.32
Central HP - CAC Propane	Non Resource	HVAC	MH	E	13	N/A	N/A	0.14	-	0.17	0.01	0.21	0.01	0.22	0.02	0.27	0.02
Central HP - CAC Propane	Non Resource	HVAC	MH	E	14	N/A	N/A	0.15	0.02	0.18	0.02	0.22	0.03	0.23	0.03	0.28	0.04
Central HP - CAC Propane	Resource	HVAC	MH	E	15	N/A	N/A	0.31	0.23	0.35	0.24	0.40	0.25	0.41	0.26	0.45	0.27
Central HP - CAC Propane	Non Resource	HVAC	MF	E	13	N/A	N/A	0.17	0.04	0.20	0.04	0.24	0.05	0.26	0.06	0.31	0.06
Central HP - CAC Propane	Non Resource	HVAC	MF	E	14	N/A	N/A	0.16	0.03	0.19	0.03	0.23	0.03	0.24	0.04	0.29	0.04
Central HP - CAC Propane	Resource	HVAC	MF	E	15	N/A	N/A	0.23	0.12	0.26	0.12	0.31	0.13	0.32	0.13	0.36	0.14
Central HP - CAC Propane	Non Resource	HVAC	SF	E	13	N/A	N/A	0.03	(0.10)	0.06	(0.10)	0.09	(0.10)	0.10	(0.10)	0.15	(0.10)
Central HP - CAC Propane	Non Resource	HVAC	SF	E	14	N/A	N/A	0.08	(0.05)	0.11	(0.05)	0.15	(0.05)	0.16	(0.05)	0.20	(0.04)
Central HP - CAC Propane	Resource	HVAC	SF	E	15	N/A	N/A	0.19	0.07	0.22	0.07	0.26	0.07	0.27	0.08	0.32	0.08
Condensor Coil Cleaning	Resource	Maintenance	MH	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	MH	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.50	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	MH	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	MH	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	MH	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27
Condensor Coil Cleaning	Resource	Maintenance	MH	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39
Condensor Coil Cleaning	Resource	Maintenance	MH	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	MH	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Condensor Coil Cleaning	Resource	Maintenance	MF	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	MF	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.50	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	MF	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	MF	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	MF	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27
Condensor Coil Cleaning	Resource	Maintenance	MF	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39

Table A-8 Weather
Energy Savings Assistance Program Cost-Effectiveness- Weather Sensitive Measures
Southern California Edison

Condensor Coil Cleaning	Resource	Maintenance	MF	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	MF	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Condensor Coil Cleaning	Resource	Maintenance	SF	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	SF	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.50	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	SF	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	SF	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	SF	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27
Condensor Coil Cleaning	Resource	Maintenance	SF	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39
Condensor Coil Cleaning	Resource	Maintenance	SF	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	SF	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Efficient Fan Control	Resource	HVAC	MH	E	13	0.62	1.04	0.74	1.05	0.82	1.05	0.95	1.06	0.98	1.06	1.00	1.08
Efficient Fan Control	Resource	HVAC	MH	E	14	0.79	1.97	0.89	1.98	1.01	2.00	1.20	2.01	1.24	2.03	1.21	2.07
Efficient Fan Control	Resource	HVAC	MH	E	15	N/A	N/A	N/A	N/A	N/A	N/A	1.46	4.00	1.52	4.02	N/A	N/A
Efficient Fan Control	Resource	HVAC	MF	E	13	0.50	0.69	0.64	0.69	0.71	0.70	0.82	0.70	0.84	0.70	0.88	0.71
Efficient Fan Control	Resource	HVAC	MF	E	14	0.68	1.31	0.79	1.32	0.89	1.33	1.04	1.34	1.07	1.35	1.07	1.37
Efficient Fan Control	Resource	HVAC	MF	E	15	0.91	3.18	1.00	3.20	1.15	3.21	1.38	3.23	1.43	3.25	1.36	3.30
Efficient Fan Control	Resource	HVAC	SF	E	13	0.63	1.08	0.75	1.09	0.83	1.09	0.97	1.10	1.00	1.11	1.01	1.12
Efficient Fan Control	Resource	HVAC	SF	E	14	0.62	1.08	0.75	1.09	0.83	1.10	0.97	1.10	1.00	1.11	1.01	1.13
Efficient Fan Control	Resource	HVAC	SF	E	15	0.95	3.98	1.04	4.01	1.21	4.02	1.47	4.04	1.52	4.07	1.42	4.13
Evap Maint Functioning	Resource	Maintenance	MH	E	10	N/A	N/A	0.11	0.08	0.13	0.08	0.15	0.07	0.15	0.06	0.16	0.06
Evap Maint Functioning	Resource	Maintenance	MH	E	13	N/A	N/A	0.17	0.16	0.19	0.16	0.21	0.15	0.20	0.14	0.21	0.13
Evap Maint Functioning	Resource	Maintenance	MH	E	14	N/A	N/A	0.23	0.28	0.25	0.27	0.27	0.25	0.26	0.23	0.26	0.22
Evap Maint Functioning	Resource	Maintenance	MH	E	15	N/A	N/A	0.41	0.56	0.45	0.56	0.49	0.55	0.50	0.55	0.50	0.56
Evap Maint Functioning	Non Resource	Maintenance	MH	E	16	N/A	N/A	(0.56)	(0.61)	(0.56)	(0.64)	(0.58)	(0.67)	(0.62)	(0.71)	(0.64)	(0.76)
Evap Maint Functioning	Resource	Maintenance	SF	E	10	N/A	N/A	0.18	0.17	0.21	0.17	0.23	0.16	0.23	0.16	0.24	0.16
Evap Maint Functioning	Resource	Maintenance	SF	E	13	N/A	N/A	0.27	0.30	0.29	0.29	0.32	0.29	0.32	0.28	0.33	0.28
Evap Maint Functioning	Resource	Maintenance	SF	E	14	N/A	N/A	0.35	0.47	0.38	0.46	0.42	0.45	0.42	0.45	0.42	0.45
Evap Maint Functioning	Resource	Maintenance	SF	E	15	N/A	N/A	0.50	0.77	0.55	0.77	0.61	0.76	0.62	0.76	0.62	0.77
Evap Maint Functioning	Resource	Maintenance	SF	E	16	N/A	N/A	(0.34)	(0.41)	(0.34)	(0.43)	(0.35)	(0.45)	(0.38)	(0.49)	(0.40)	(0.52)
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	10	N/A	N/A	0.13	0.11	0.15	0.10	0.16	0.09	0.16	0.08	0.17	0.07
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	13	N/A	N/A	N/A	N/A	0.22	0.21	0.24	0.20	0.23	0.18	0.24	0.17
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	14	N/A	N/A	N/A	N/A	0.29	0.36	0.31	0.34	0.30	0.31	0.30	0.30
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	15	N/A	N/A	N/A	N/A	0.53	0.74	0.58	0.74	0.59	0.73	0.58	0.74
Evap Maint NonFunctioning	Non Resource	Maintenance	MH	E	16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(0.86)	(0.95)	N/A	N/A
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	10	N/A	N/A	0.22	0.22	0.25	0.22	0.27	0.21	0.27	0.21	0.28	0.21
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	13	N/A	N/A	0.32	0.40	0.35	0.39	0.38	0.38	0.38	0.38	0.38	0.37
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	14	N/A	N/A	0.41	0.63	0.45	0.62	0.49	0.61	0.49	0.59	0.49	0.60
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	15	N/A	N/A	0.59	1.03	0.65	1.02	0.72	1.02	0.74	1.02	0.72	1.03
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	16	N/A	N/A	(0.47)	(0.54)	(0.48)	(0.57)	(0.50)	(0.61)	(0.54)	(0.65)	(0.56)	(0.70)
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Fan Control	Resource	Maintenance	MH	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10
Fan Control	Resource	Maintenance	MH	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	MH	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	MH	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	MH	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	MH	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	MH	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	MH	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08
Fan Control	Resource	Maintenance	MF	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10

Table A-8 Weather
 Energy Savins Assitance Program Cost-Effectiveness- Weather Sensitive Measures
 Southern California Edison

Fan Control	Resource	Maintenance	MF	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	MF	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	MF	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	MF	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	MF	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	MF	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	MF	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08
Fan Control	Resource	Maintenance	SF	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10
Fan Control	Resource	Maintenance	SF	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	SF	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	SF	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	SF	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	SF	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	SF	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	SF	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.87	0.68	N/A	N/A
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	8	N/A	N/A	0.63	0.63	0.72	0.64	0.84	0.66	0.86	0.68	0.92	0.70
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	9	N/A	N/A	N/A	N/A	N/A	N/A	0.84	0.66	N/A	N/A	N/A	N/A
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	10	N/A	N/A	N/A	N/A	N/A	N/A	0.83	0.65	0.86	0.67	N/A	N/A
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	6	N/A	N/A	0.40	0.41	0.49	0.44	0.60	0.48	0.64	0.52	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	8	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.48	0.64	0.52	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	9	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.48	0.64	0.51	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	10	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.47	0.64	0.51	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	13	N/A	N/A	0.40	0.39	0.48	0.42	0.60	0.46	0.63	0.49	0.67	0.52
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	14	N/A	N/A	0.39	0.38	0.47	0.41	0.59	0.45	0.62	0.48	0.66	0.51
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	15	N/A	N/A	0.43	0.39	0.51	0.42	0.63	0.45	0.66	0.48	0.70	0.50
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	16	N/A	N/A	0.30	0.27	0.38	0.30	0.49	0.33	0.52	0.37	0.56	0.39
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	6	N/A	N/A	(0.03)	(0.34)	0.06	(0.31)	0.17	(0.29)	0.21	(0.26)	0.33	(0.24)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	8	N/A	N/A	(0.01)	(0.31)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	9	N/A	N/A	(0.01)	(0.32)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	10	N/A	N/A	(0.01)	(0.31)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	13	N/A	N/A	(0.03)	(0.33)	0.06	(0.31)	0.17	(0.29)	0.21	(0.26)	0.33	(0.24)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	14	N/A	N/A	(0.05)	(0.35)	0.04	(0.33)	0.15	(0.31)	0.19	(0.28)	0.31	(0.26)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	15	N/A	N/A	0.09	(0.22)	0.17	(0.20)	0.28	(0.18)	0.32	(0.15)	0.44	(0.13)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	16	N/A	N/A	(0.27)	(0.58)	(0.19)	(0.56)	(0.08)	(0.54)	(0.04)	(0.51)	0.08	(0.49)
LED Diffuse A-Lamp	Resource	Lighting	MH	E	6	0.99	2.91	1.20	2.98	1.46	3.05	1.85	3.12	1.93	3.20	1.92	3.30
LED Diffuse A-Lamp	Resource	Lighting	MH	E	8	1.02	3.26	1.21	3.34	1.47	3.41	1.86	3.49	1.95	3.58	1.92	3.70
LED Diffuse A-Lamp	Resource	Lighting	MH	E	9	1.01	3.25	1.20	3.33	1.46	3.41	1.85	3.49	1.94	3.58	1.90	3.69
LED Diffuse A-Lamp	Resource	Lighting	MH	E	10	1.01	3.25	1.20	3.33	1.46	3.41	1.85	3.49	1.93	3.58	1.90	3.69
LED Diffuse A-Lamp	Resource	Lighting	MH	E	13	1.00	3.37	1.18	3.45	1.43	3.53	1.82	3.61	1.90	3.70	1.87	3.82
LED Diffuse A-Lamp	Resource	Lighting	MH	E	14	1.00	3.25	1.18	3.33	1.43	3.40	1.82	3.48	1.90	3.56	1.87	3.68
LED Diffuse A-Lamp	Resource	Lighting	MH	E	15	1.08	3.84	1.25	3.94	1.52	4.03	1.92	4.13	2.01	4.24	1.96	4.38
LED Diffuse A-Lamp	Resource	Lighting	MH	E	16	0.94	3.09	1.14	3.16	1.38	3.23	1.75	3.29	1.83	3.37	1.81	3.47
LED Diffuse A-Lamp	Resource	Lighting	MF	E	6	0.97	2.82	1.19	2.89	1.44	2.96	1.82	3.02	1.91	3.10	1.90	3.20
LED Diffuse A-Lamp	Resource	Lighting	MF	E	8	1.00	2.99	1.21	3.06	1.46	3.13	1.85	3.20	1.94	3.29	1.92	3.39
LED Diffuse A-Lamp	Resource	Lighting	MF	E	9	1.00	3.14	1.20	3.22	1.45	3.29	1.84	3.37	1.93	3.45	1.90	3.56
LED Diffuse A-Lamp	Resource	Lighting	MF	E	10	0.99	3.08	1.19	3.16	1.44	3.23	1.83	3.30	1.91	3.39	1.89	3.50
LED Diffuse A-Lamp	Resource	Lighting	MF	E	13	0.99	3.17	1.18	3.25	1.43	3.32	1.81	3.40	1.90	3.48	1.87	3.59
LED Diffuse A-Lamp	Resource	Lighting	MF	E	14	0.99	3.13	1.18	3.20	1.43	3.27	1.82	3.35	1.90	3.43	1.87	3.54
LED Diffuse A-Lamp	Resource	Lighting	MF	E	15	1.07	3.70	1.25	3.79	1.51	3.88	1.91	3.97	2.00	4.08	1.95	4.21
LED Diffuse A-Lamp	Resource	Lighting	MF	E	16	0.94	3.01	1.15	3.08	1.39	3.14	1.77	3.21	1.85	3.28	1.83	3.38
LED Diffuse A-Lamp	Resource	Lighting	SF	E	6	0.95	2.75	1.16	2.81	1.40	2.87	1.78	2.93	1.86	3.00	1.85	3.10
LED Diffuse A-Lamp	Resource	Lighting	SF	E	8	0.97	2.89	1.17	2.96	1.42	3.03	1.80	3.09	1.88	3.17	1.86	3.27
LED Diffuse A-Lamp	Resource	Lighting	SF	E	9	0.97	2.98	1.16	3.04	1.41	3.11	1.79	3.18	1.87	3.26	1.85	3.36
LED Diffuse A-Lamp	Resource	Lighting	SF	E	10	0.95	2.86	1.13	2.92	1.38	2.99	1.75	3.05	1.83	3.12	1.81	3.22
LED Diffuse A-Lamp	Resource	Lighting	SF	E	13	0.96	3.08	1.13	3.15	1.37	3.22	1.74	3.29	1.82	3.37	1.80	3.47
LED Diffuse A-Lamp	Resource	Lighting	SF	E	14	0.95	2.99	1.12	3.05	1.36	3.12	1.73	3.18	1.81	3.25	1.78	3.36
LED Diffuse A-Lamp	Resource	Lighting	SF	E	15	1.04	3.59	1.22	3.68	1.48	3.76	1.87	3.85	1.96	3.95	1.92	4.08
LED Diffuse A-Lamp	Resource	Lighting	SF	E	16	0.91	2.92	1.11	2.98	1.35	3.04	1.71	3.10	1.79	3.17	1.77	3.27
LED Reflector Lamp	Resource	Lighting	MH	E	6	N/A	N/A	1.08	2.09	1.29	2.14	1.60	2.19	1.67	2.24	1.68	2.31
LED Reflector Lamp	Resource	Lighting	MH	E	8	0.93	2.28	1.09	2.34	1.31	2.39	1.62	2.45	1.70	2.51	1.69	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	9	N/A	N/A	1.09	2.34	1.30	2.39	1.62	2.44	1.69	2.51	1.68	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	10	0.93	2.28	1.08	2.33	1.30	2.39	1.61	2.44	1.68	2.51	1.68	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.67	2.59	N/A	N/A
LED Reflector Lamp	Resource	Lighting	MH	E	14	N/A	N/A	1.07	2.33	1.28	2.39	1.59	2.44	1.66	2.50	1.66	2.58
LED Reflector Lamp	Resource	Lighting	MH	E	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Reflector Lamp	Resource	Lighting	MF	E	6	0.88	1.98	1.06	2.03	1.27	2.07	1.58	2.12	1.65	2.17	1.66	2.24
LED Reflector Lamp	Resource	Lighting	MF	E	8	0.91	2.10	1.08	2.15	1.29	2.20	1.61	2.25	1.68	2.30	1.68	2.38
LED Reflector Lamp	Resource	Lighting	MF	E	9	0.92	2.20	1.08	2.26	1.29	2.31	1.61	2.36	1.68	2.42	1.68	2.50
LED Reflector Lamp	Resource	Lighting	MF	E	10	0.91	2.16	1.07	2.21	1.28	2.26	1.59	2.32	1.66	2.37	1.66	2.45
LED Reflector Lamp	Resource	Lighting	MF	E	13	0.90	2.22	1.06	2.28	1.27	2.33	1.58	2.38	1.65	2.44	1.65	2.52
LED Reflector Lamp	Resource	Lighting	MF	E	14	0.91	2.19	1.06	2.24	1.27	2.30	1.58	2.35	1.65	2.40	1.65	2.48

Table A-8 Weather
 Energy Savings Assistance Program Cost-Effectiveness- Weather Sensitive Measures
 Southern California Edison

MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	9	N/A	N/A	0.10	0.11	0.10	0.11	0.11	0.11	0.11	0.12	0.11	0.12
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	10	N/A	N/A	0.11	0.13	0.12	0.13	0.13	0.13	0.13	0.14	0.13	0.14
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	13	N/A	N/A	0.17	0.19	0.18	0.20	0.19	0.20	0.19	0.21	0.20	0.22
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	14	N/A	N/A	0.27	0.35	0.29	0.36	0.31	0.37	0.32	0.38	0.33	0.40
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	15	N/A	N/A	0.17	0.19	0.18	0.20	0.18	0.20	0.19	0.21	0.19	0.22
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	16	N/A	N/A	0.16	0.18	0.17	0.19	0.17	0.19	0.18	0.20	0.18	0.20
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	6	0.10	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	8	0.19	0.19	0.16	0.19	0.17	0.19	0.18	0.19	0.18	0.20	0.18	0.20
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	9	0.21	0.20	0.18	0.21	0.18	0.21	0.19	0.21	0.19	0.21	0.20	0.22
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	10	0.18	0.17	0.15	0.17	0.15	0.17	0.16	0.17	0.16	0.17	0.16	0.18
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	13	0.48	0.65	0.43	0.65	0.46	0.66	0.50	0.67	0.51	0.68	0.50	0.69
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	14	0.56	0.88	0.53	0.90	0.57	0.91	0.63	0.92	0.65	0.94	0.63	0.96
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	15	0.62	1.06	0.58	1.07	0.64	1.08	0.71	1.10	0.73	1.12	0.70	1.14
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	16	0.25	0.22	0.19	0.22	0.20	0.23	0.20	0.23	0.21	0.23	0.21	0.24
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	6	N/A	N/A	0.11	0.05	0.13	0.05	0.15	0.05	0.16	0.05	0.17	0.06
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	8	N/A	N/A	0.11	0.05	0.13	0.05	0.15	0.05	0.15	0.05	0.17	0.06
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	9	N/A	N/A	0.15	0.10	0.18	0.10	0.20	0.11	0.20	0.11	0.22	0.11
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	10	N/A	N/A	0.24	0.21	0.27	0.22	0.30	0.23	0.31	0.23	0.32	0.24
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	13	N/A	N/A	0.21	0.17	0.23	0.18	0.26	0.18	0.27	0.19	0.29	0.19
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	14	N/A	N/A	0.29	0.29	0.32	0.30	0.35	0.31	0.36	0.31	0.38	0.33
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	15	N/A	N/A	0.21	0.17	0.23	0.17	0.26	0.18	0.27	0.18	0.28	0.19
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	16	N/A	N/A	0.12	0.06	0.14	0.06	0.16	0.07	0.17	0.07	0.18	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	6	N/A	N/A	0.12	0.06	0.14	0.07	0.16	0.07	0.17	0.07	0.19	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	8	N/A	N/A	0.12	0.06	0.14	0.06	0.16	0.07	0.17	0.07	0.19	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	9	N/A	N/A	0.17	0.12	0.19	0.12	0.22	0.13	0.22	0.13	0.24	0.14
MSHP - RAC Gas	Non Resource	HVAC	SF	E	10	N/A	N/A	0.25	0.25	0.28	0.26	0.32	0.27	0.33	0.28	0.35	0.29
MSHP - RAC Gas	Non Resource	HVAC	SF	E	13	N/A	N/A	0.23	0.20	0.25	0.21	0.29	0.22	0.30	0.23	0.31	0.24
MSHP - RAC Gas	Non Resource	HVAC	SF	E	14	N/A	N/A	0.30	0.33	0.34	0.35	0.38	0.36	0.39	0.38	0.41	0.39
MSHP - RAC Gas	Non Resource	HVAC	SF	E	16	N/A	N/A	0.13	0.08	0.16	0.09	0.18	0.09	0.19	0.10	0.20	0.10
MSHP - RAC Gas	Resource	HVAC	SF	E	15	N/A	N/A	0.22	0.18	0.25	0.19	0.28	0.20	0.28	0.21	0.30	0.21
MSHP - RAC Propane	Non Resource	HVAC	SF	E	6	N/A	N/A	0.08	0.01	0.10	0.01	0.12	0.01	0.12	0.02	0.14	0.02
MSHP - RAC Propane	Non Resource	HVAC	SF	E	8	N/A	N/A	0.08	0.01	0.10	0.02	0.12	0.02	0.13	0.02	0.15	0.02
MSHP - RAC Propane	Non Resource	HVAC	SF	E	9	N/A	N/A	0.10	0.03	0.12	0.03	0.14	0.04	0.15	0.04	0.17	0.05
MSHP - RAC Propane	Non Resource	HVAC	SF	E	10	N/A	N/A	0.10	0.04	0.13	0.05	0.16	0.06	0.17	0.07	0.20	0.08
MSHP - RAC Propane	Non Resource	HVAC	SF	E	13	N/A	N/A	0.10	0.03	0.12	0.04	0.15	0.05	0.16	0.06	0.19	0.07
MSHP - RAC Propane	Non Resource	HVAC	SF	E	14	N/A	N/A	0.11	0.04	0.14	0.05	0.17	0.06	0.18	0.08	0.22	0.09
MSHP - RAC Propane	Non Resource	HVAC	SF	E	16	N/A	N/A	0.06	(0.01)	0.08	(0.01)	0.10	-	0.11	-	0.13	-
MSHP - RAC Propane	Resource	HVAC	SF	E	15	N/A	N/A	0.15	0.09	0.18	0.10	0.20	0.10	0.21	0.11	0.23	0.12
Portable AC	Non Resource	HVAC	MH	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	MH	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	MH	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Portable AC	Non Resource	HVAC	MF	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	MF	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	MF	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Portable AC	Non Resource	HVAC	SF	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	SF	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	SF	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	16	N/A	N/A	0.81	1.44	0.92	1.42	1.06	1.39	1.09	1.38	1.09	1.41
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	16	N/A	N/A	0.81	1.44	0.92	1.42	1.06	1.39	1.09	1.38	1.09	1.41
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	6	0.76	1.16	0.86	1.16	1.00	1.17	1.20	1.17	1.24	1.18	1.29	1.20

Table A-8 Weather
 Energy Savins Assitance Program Cost-Effectiveness- Weather Sensitive Measures
 Southern California Edison

Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	8	0.80	1.30	0.88	1.31	1.03	1.32	1.24	1.32	1.28	1.33	1.31	1.36
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	9	0.80	1.26	0.88	1.27	1.02	1.28	1.22	1.28	1.27	1.29	1.30	1.32
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	10	0.80	1.31	0.88	1.32	1.03	1.32	1.23	1.33	1.27	1.33	1.31	1.36
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	13	0.79	1.29	0.87	1.30	1.01	1.30	1.21	1.31	1.26	1.31	1.29	1.34
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	14	0.79	1.29	0.87	1.30	1.01	1.31	1.21	1.31	1.26	1.31	1.29	1.34
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	15	0.86	1.52	0.93	1.53	1.09	1.54	1.31	1.55	1.36	1.56	1.38	1.60
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	16	0.72	1.03	0.80	1.03	0.93	1.03	1.12	1.03	1.16	1.02	1.20	1.04
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	6	0.75	1.12	0.85	1.13	0.99	1.13	1.18	1.13	1.22	1.14	1.27	1.16
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	8	0.77	1.19	0.87	1.20	1.01	1.21	1.21	1.21	1.25	1.22	1.29	1.24
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	9	0.78	1.22	0.87	1.23	1.01	1.23	1.21	1.24	1.25	1.24	1.29	1.27
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	10	0.78	1.24	0.86	1.25	1.01	1.25	1.21	1.26	1.25	1.26	1.29	1.28
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	13	0.77	1.22	0.85	1.22	1.00	1.23	1.19	1.23	1.24	1.23	1.27	1.26
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	14	0.78	1.24	0.86	1.25	1.00	1.26	1.20	1.26	1.25	1.26	1.28	1.29
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	15	0.85	1.46	0.92	1.47	1.08	1.48	1.29	1.49	1.34	1.50	1.36	1.54
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	16	0.72	1.00	0.80	1.01	0.94	1.01	1.12	1.00	1.16	1.00	1.21	1.02
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	6	0.73	1.09	0.83	1.10	0.96	1.10	1.16	1.10	1.19	1.10	1.24	1.12
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	8	0.75	1.16	0.84	1.16	0.98	1.16	1.18	1.17	1.22	1.17	1.26	1.19
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	9	0.76	1.16	0.84	1.16	0.98	1.16	1.17	1.16	1.21	1.16	1.25	1.19
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	10	0.74	1.15	0.83	1.16	0.96	1.16	1.15	1.15	1.19	1.15	1.23	1.17
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	13	0.75	1.18	0.82	1.18	0.96	1.18	1.15	1.18	1.19	1.18	1.23	1.20
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	14	0.75	1.19	0.82	1.19	0.96	1.19	1.15	1.19	1.19	1.19	1.22	1.21
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	15	0.83	1.42	0.90	1.43	1.05	1.44	1.26	1.44	1.31	1.45	1.34	1.48
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	16	0.70	0.97	0.78	0.97	0.90	0.96	1.08	0.96	1.12	0.95	1.17	0.96
Smart Thermostat	Resource	HVAC	MH	E	6	0.49	0.69	0.63	0.70	0.71	0.70	0.80	0.71	0.84	0.72	0.88	0.74
Smart Thermostat	Resource	HVAC	MH	E	8	0.62	1.03	0.73	1.04	0.82	1.05	0.94	1.06	0.98	1.08	1.00	1.11
Smart Thermostat	Resource	HVAC	MH	E	9	0.57	0.85	0.68	0.86	0.77	0.87	0.87	0.88	0.91	0.90	0.94	0.92
Smart Thermostat	Resource	HVAC	MH	E	10	0.73	1.51	0.82	1.52	0.93	1.53	1.08	1.55	1.13	1.57	1.12	1.60
Smart Thermostat	Resource	HVAC	MH	E	13	0.80	1.99	0.89	2.01	1.02	2.03	1.19	2.06	1.25	2.09	1.22	2.14
Smart Thermostat	Resource	HVAC	MH	E	14	0.76	1.74	0.86	1.76	0.98	1.79	1.14	1.81	1.20	1.84	1.18	1.89
Smart Thermostat	Resource	HVAC	MH	E	15	0.95	3.84	1.03	3.88	1.20	3.92	1.45	3.97	1.51	4.04	1.42	4.13
Smart Thermostat	Resource	HVAC	MH	E	16	0.32	0.31	0.48	0.31	0.53	0.31	0.59	0.31	0.63	0.32	0.70	0.33
Smart Thermostat	Resource	HVAC	MF	E	6	0.11	0.09	0.35	0.10	0.40	0.10	0.45	0.10	0.48	0.10	0.57	0.10
Smart Thermostat	Resource	HVAC	MF	E	8	0.20	0.20	0.42	0.20	0.47	0.20	0.52	0.20	0.56	0.21	0.64	0.21
Smart Thermostat	Resource	HVAC	MF	E	9	0.22	0.21	0.43	0.22	0.48	0.22	0.53	0.22	0.57	0.22	0.65	0.23
Smart Thermostat	Resource	HVAC	MF	E	10	0.18	0.17	0.41	0.18	0.45	0.18	0.51	0.18	0.54	0.18	0.62	0.19
Smart Thermostat	Resource	HVAC	MF	E	13	0.49	0.68	0.63	0.69	0.71	0.69	0.79	0.70	0.84	0.71	0.88	0.73
Smart Thermostat	Resource	HVAC	MF	E	14	0.58	0.93	0.70	0.94	0.79	0.95	0.90	0.97	0.95	0.98	0.97	1.01
Smart Thermostat	Resource	HVAC	MF	E	15	0.63	1.12	0.75	1.13	0.85	1.14	0.97	1.15	1.01	1.17	1.03	1.20
Smart Thermostat	Resource	HVAC	MF	E	16	0.26	0.24	0.44	0.24	0.49	0.24	0.55	0.24	0.58	0.24	0.66	0.25
Smart Thermostat	Resource	HVAC	SF	E	6	0.32	0.36	0.51	0.37	0.56	0.37	0.63	0.37	0.67	0.38	0.73	0.39
Smart Thermostat	Resource	HVAC	SF	E	8	0.56	0.85	0.68	0.86	0.77	0.87	0.87	0.88	0.91	0.89	0.94	0.92
Smart Thermostat	Resource	HVAC	SF	E	9	0.51	0.68	0.63	0.69	0.71	0.70	0.80	0.71	0.84	0.72	0.88	0.73
Smart Thermostat	Resource	HVAC	SF	E	10	0.59	0.95	0.71	0.96	0.80	0.96	0.90	0.97	0.95	0.99	0.97	1.01
Smart Thermostat	Resource	HVAC	SF	E	13	0.67	1.23	0.77	1.24	0.87	1.25	1.00	1.27	1.05	1.29	1.06	1.32
Smart Thermostat	Resource	HVAC	SF	E	14	0.85	2.50	0.94	2.53	1.09	2.56	1.29	2.59	1.35	2.64	1.29	2.70
Smart Thermostat	Resource	HVAC	SF	E	15	0.90	3.00	0.98	3.03	1.14	3.07	1.36	3.10	1.42	3.15	1.35	3.22
Smart Thermostat	Resource	HVAC	SF	E	16	0.12	0.09	0.35	0.10	0.40	0.10	0.45	0.10	0.48	0.10	0.57	0.10
TSV	Resource	Domestic Hot Water	MH	E	8	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.10	1.23	1.12	N/A	N/A
TSV	Resource	Domestic Hot Water	MH	E	10	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.09	1.23	1.11	N/A	N/A
TSV	Resource	Domestic Hot Water	MF	E	6	0.88	1.08	0.86	1.10	1.00	1.13	1.20	1.15	1.24	1.18	1.31	1.22
TSV	Resource	Domestic Hot Water	MF	E	8	0.86	1.03	0.85	1.05	0.99	1.07	1.19	1.10	1.23	1.12	1.30	1.17
TSV	Resource	Domestic Hot Water	MF	E	9	0.86	1.03	0.85	1.05	0.99	1.07	1.19	1.10	1.23	1.12	1.30	1.16
TSV	Resource	Domestic Hot Water	MF	E	10	0.85	1.02	0.85	1.04	0.99	1.06	1.19	1.09	1.23	1.11	1.30	1.15
TSV	Resource	Domestic Hot Water	MF	E	13	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.09	1.23	1.12	1.30	1.16
TSV	Resource	Domestic Hot Water	MF	E	14	0.87	1.06	0.86	1.08	1.00	1.10	1.20	1.13	1.24	1.15	1.30	1.19
TSV	Resource	Domestic Hot Water	MF	E	15	N/A	N/A	N/A	N/A	N/A	N/A	1.10	0.79	1.14	0.81	1.23	0.84
TSV	Resource	Domestic Hot Water	SF	E	6	0.85	1.01	0.85	1.03	0.99	1.06	1.18	1.08	1.23	1.11	1.30	1.15
TSV	Resource	Domestic Hot Water	SF	E	8	0.83	0.97	0.84	0.99	0.98	1.01	1.17	1.03	1.21	1.06	1.29	1.09
TSV	Resource	Domestic Hot Water	SF	E	9	0.83	0.96	0.84	0.98	0.98	1.01	1.17	1.03	1.21	1.05	1.29	1.09
TSV	Resource	Domestic Hot Water	SF	E	10	0.83	0.96	0.84	0.98	0.98	1.00	1.17	1.02	1.21	1.04	1.28	1.08
TSV	Resource	Domestic Hot Water	SF	E	13	0.83	0.96	0.84	0.98	0.98	1.00	1.17	1.02	1.21	1.05	1.28	1.08
TSV	Resource	Domestic Hot Water	SF	E	14	0.84	0.99	0.85	1.01	0.98	1.03	1.18	1.06	1.22	1.08	1.29	1.12
TSV	Resource	Domestic Hot Water	SF	E	15	0.70	0.70	0.78	0.71	0.91	0.73	1.09	0.75	1.12	0.76	1.22	0.79
TSV	Resource	Domestic Hot Water	SF	E	16	0.93	1.24	0.89	1.27	1.03	1.29	1.24	1.32	1.29	1.36	1.34	1.40
TSV/Showerhead Combined	Resource	Domestic Hot Water	MH	E	8	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.45	1.01	0.46	N/A	N/A
TSV/Showerhead Combined	Resource	Domestic Hot Water	MH	E	10	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.44	1.00	0.45	N/A	N/A
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	6	0.52	0.44	0.71	0.45	0.82	0.46	0.98	0.47	1.01	0.48	1.15	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	8	0.51	0.42	0.70	0.43	0.81	0.44	0.97	0.45	1.01	0.46	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	9	0.51	0.42	0.70	0.43	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	10	0.50	0.41	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	13	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	14	0.52	0.43	0.70	0.44	0.82	0.45	0.98	0.46	1.01	0.47	1.14	0.49

Table A-8 Weather
 Energy Savins Assitance Program Cost-Effectiveness- Weather Sensitive Measures
 Southern California Edison

TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	15	N/A	N/A	N/A	N/A	N/A	N/A	0.92	0.32	0.95	0.33	1.10	0.34
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	6	0.52	0.44	0.71	0.45	0.82	0.46	0.98	0.47	1.01	0.48	1.15	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	8	0.51	0.42	0.70	0.43	0.81	0.44	0.97	0.45	1.01	0.46	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	9	0.51	0.42	0.70	0.43	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	10	0.50	0.41	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	13	0.50	0.42	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	14	0.52	0.43	0.70	0.44	0.82	0.45	0.98	0.46	1.01	0.47	1.14	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	15	0.40	0.30	0.66	0.31	0.77	0.31	0.92	0.32	0.95	0.33	1.10	0.34
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	16	0.60	0.54	0.74	0.55	0.86	0.56	1.02	0.57	1.06	0.59	1.18	0.61

* Include chart pertaining to each proposed measure, with information included on type of home (ie. Single Family, Multi Family, Mobile Home) and electric or gas (if applicable).

** Charts to include information on each climate zone in utility service area.

[1] No Non-Energy Benefits are allocated to the Multi Family common area measures

**Table A-9 Non Weather
Energy Savings Assistance Program Cost-Effectiveness - Non Weather Sensitive Measures
Southern California Edison**

Measure*	R=Resource E= Equity	Measure Group	Type of Home (SF,MH,MF)	Electric or Gas (E,G)	2021		2022		2023		2024		2025		2026	
					ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin
Attic Insulation	Resource	Enclosure	MF	E	N/A	N/A	N/A	N/A	N/A	N/A	0.42	0.30	0.43	0.30	N/A	N/A
Attic Insulation	Resource	Enclosure	SF	E	N/A	N/A	0.28	0.19	0.31	0.20	0.35	0.20	0.36	0.21	0.40	0.21
Central AC Replacement	Resource	HVAC	MH	E	0.17	0.15	0.18	0.15	0.19	0.15	0.20	0.15	0.21	0.16	0.22	0.16
Central AC Replacement	Resource	HVAC	MF	E	0.06	0.01	0.18	0.15	0.19	0.15	0.20	0.15	0.21	0.16	0.22	0.16
Central AC Replacement	Resource	HVAC	SF	E	0.17	0.15	0.06	0.01	0.07	0.01	0.08	0.02	0.09	0.02	0.10	0.02
Central AC Tune Up	Resource	Maintenance	MH	E	N/A	N/A	0.39	0.14	0.44	0.14	0.51	0.14	0.53	0.13	0.61	0.14
Central AC Tune Up	Non Resource	Maintenance	MF	E	N/A	N/A	0.29	N/A	0.34	-	0.41	N/A	0.43	N/A	0.52	N/A
Central AC Tune Up	Resource	Maintenance	SF	E	N/A	N/A	0.39	0.14	0.44	0.14	0.51	0.14	0.53	0.13	0.61	0.14
Central HP Replacement	Resource	HVAC	MH	E	N/A	N/A	N/A	N/A	N/A	N/A	0.39	0.24	0.40	0.25	0.44	0.26
Central HP Replacement	Resource	HVAC	MF	E	0.01	-	0.14	-	0.16	-	0.20	-	0.20	-	0.25	-
Central HP Replacement	Resource	HVAC	SF	E	0.36	0.22	0.31	0.23	0.34	0.24	0.39	0.24	0.40	0.25	0.44	0.26
Clothes Washer	Resource	Appliance	MH	E	0.12	0.09	0.30	0.09	0.32	0.09	0.39	0.10	0.39	0.10	0.48	0.10
Clothes Washer	Resource	Appliance	MF	E	0.16	0.13	0.32	0.13	0.35	0.13	0.42	0.13	0.42	0.14	0.51	0.14
Clothes Washer	Resource	Appliance	SF	E	0.13	0.10	0.30	0.10	0.33	0.10	0.39	0.10	0.40	0.11	0.49	0.11
Dishwasher	Resource	Appliance	MH	E	N/A	N/A	0.28	0.07	0.31	0.07	0.37	0.07	0.38	0.08	0.46	0.08
Dishwasher	Resource	Appliance	MF	E	N/A	N/A	0.27	0.05	0.29	0.05	0.36	0.06	0.36	0.06	0.45	0.06
Dishwasher	Resource	Appliance	SF	E	N/A	N/A	0.29	0.08	0.31	0.08	0.38	0.08	0.38	0.08	0.47	0.09
Envelope Air Sealing	Resource	Enclosure	MH	E	0.47	0.49	0.45	0.50	0.49	0.51	0.55	0.52	0.57	0.53	0.60	0.54
Envelope Air Sealing	Non Resource	Enclosure	MF	E	N/A	N/A	0.12	N/A	0.15	N/A	0.18	N/A	0.19	N/A	0.23	N/A
Envelope Air Sealing	Resource	Enclosure	SF	E	0.47	0.49	0.45	0.50	0.49	0.51	0.55	0.52	0.57	0.53	0.60	0.54
Evaporative Cooler Install	Resource	HVAC	MH	E	0.53	0.62	0.57	0.62	0.64	0.63	0.74	0.64	0.76	0.66	0.80	0.67
Evaporative Cooler Install	Resource	HVAC	SF	E	0.53	0.62	0.57	0.62	0.64	0.63	0.74	0.64	0.76	0.66	0.80	0.67
Freezer	Resource	Appliance	MH	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
Freezer	Resource	Appliance	MF	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
Freezer	Resource	Appliance	SF	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
HP Clothes Dryer Elect	Resource	Appliance	SF	E	N/A	N/A	0.31	0.11	0.34	0.11	0.40	0.11	0.41	0.12	0.49	0.12
HP Clothes Dryer Gas	Non Resource	Appliance	SF	E	N/A	N/A	0.17	(0.04)	0.20	(0.04)	0.26	(0.03)	0.27	(0.03)	0.35	(0.03)
HP Clothes Dryer Propane	Non Resource	Appliance	SF	E	N/A	N/A	0.10	(0.13)	0.12	(0.13)	0.19	(0.12)	0.19	(0.12)	0.28	(0.12)
Inductive Range-Electric Range	Resource	Appliance	SF	E	N/A	N/A	0.23	0.01	0.26	0.01	0.32	0.01	0.32	0.01	0.41	0.01
Inductive Range-Gas Range	Non Resource	Appliance	SF	E	N/A	N/A	0.21	(0.01)	0.23	(0.01)	0.29	(0.01)	0.30	(0.01)	0.39	(0.01)
Inductive Range-Propane Range	Non Resource	Appliance	SF	E	N/A	N/A	0.19	(0.04)	0.21	(0.04)	0.27	(0.04)	0.28	(0.04)	0.37	(0.04)
Inductive Range-Wood Stove	Non Resource	Appliance	SF	E	N/A	N/A	0.24	0.03	0.26	0.03	0.33	0.03	0.34	0.04	0.42	0.04
LED Exterior Fixture	Resource	Lighting	SF	E	0.26	0.22	0.27	0.23	0.30	0.24	0.33	0.24	0.34	0.25	0.37	0.26
LED T8 UL Type A	Resource	Lighting	MF	E	N/A	N/A	0.28	0.24	0.31	0.24	0.34	0.24	0.35	0.24	0.38	0.25
MF-CAM Attic Insulation	Resource	Enclosure	MF	E	0.30	0.28	0.23	0.28	0.24	0.29	0.26	0.30	0.27	0.30	0.27	0.31
MF-CAM Central AC Replacement	Resource	HVAC	MF	E	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
MF-CAM Central HP Replacement	Resource	HVAC	MF	E	-	-	-	-	-	-	-	-	-	-	-	-
MF-CAM Evaporative Cooler Install	Resource	HVAC	MF	E	0.50	0.59	0.41	0.59	0.43	0.60	0.47	0.61	0.48	0.62	0.47	0.64
MF-CAM Freezer	Resource	Appliance	MF	E	0.65	0.79	0.49	0.80	0.54	0.82	0.59	0.84	0.61	0.86	0.60	0.89
MF-CAM LED Ext Fixt 11-25W	Resource	Lighting	MF	E	0.59	0.71	0.46	0.73	0.50	0.75	0.55	0.76	0.57	0.78	0.56	0.81
MF-CAM LED Ext Fixt 26-41W	Resource	Lighting	MF	E	0.86	1.51	0.70	1.55	0.78	1.59	0.89	1.62	0.93	1.67	0.89	1.72
MF-CAM LED Ext Fixt 3.5-10W	Resource	Lighting	MF	E	0.27	0.23	0.20	0.23	0.21	0.24	0.22	0.24	0.22	0.25	0.23	0.26
MF-CAM LED PL Type Lamp	Resource	Lighting	MF	E	0.86	1.85	0.71	1.88	0.79	1.87	0.90	1.86	0.92	1.86	0.87	1.91
MF-CAM LED T8 UL Type A	Resource	Lighting	MF	E	0.89	1.92	0.72	1.94	0.81	1.95	0.93	1.96	0.96	1.98	0.90	2.04
MF-CAM LED T8 UL Type A Prkg	Resource	Lighting	MF	E	0.76	1.16	0.61	1.17	0.67	1.19	0.75	1.20	0.77	1.22	0.75	1.26
MF-CAM Pool Pump	Resource	Miscellaneous	MF	E	0.52	0.42	0.32	0.43	0.34	0.43	0.36	0.44	0.37	0.44	0.36	0.46
MF-CAM Refrigerator	Resource	Appliance	MF	E	0.59	0.65	0.44	0.66	0.47	0.68	0.51	0.69	0.53	0.71	0.52	0.74
MF-CAM Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	0.75	1.19	0.58	1.20	0.64	1.20	0.72	1.21	0.73	1.22	0.70	1.25
Other Hot Water	Non Resource	Domestic Hot Water	MH	E	N/A	N/A	0.31	N/A	0.37	N/A	0.46	N/A	0.47	N/A	0.57	N/A
Other Hot Water	Resource	Domestic Hot Water	MF	E	N/A	N/A	0.70	0.87	0.80	0.89	0.94	0.91	0.97	0.94	1.01	0.97
Other Hot Water	Non Resource	Domestic Hot Water	SF	E	0.79	0.86	0.31	N/A	0.37	N/A	0.46	N/A	0.47	N/A	0.57	N/A
Pool Pump	Resource	Miscellaneous	SF	E	0.59	0.52	0.63	0.52	0.72	0.53	0.84	0.53	0.87	0.54	0.95	0.55
Refrigerator	Resource	Appliance	MH	E	0.58	0.65	0.59	0.67	0.65	0.68	0.75	0.70	0.77	0.71	0.81	0.74
Refrigerator	Resource	Appliance	MF	E	0.59	0.68	0.60	0.70	0.66	0.71	0.76	0.73	0.78	0.75	0.83	0.77
Refrigerator	Resource	Appliance	SF	E	0.58	0.65	0.59	0.67	0.65	0.68	0.75	0.70	0.77	0.71	0.81	0.74
Room AC Replacement	Non Resource	HVAC	MH	E	(0.14)	(0.18)	(0.12)	(0.18)	(0.10)	(0.19)	(0.08)	(0.19)	(0.08)	(0.19)	(0.07)	(0.19)
Room AC Replacement	Non Resource	HVAC	MF	E	0.05	-	0.07	N/A	0.08	N/A	0.10	N/A	0.11	N/A	0.12	N/A
Room AC Replacement	Non Resource	HVAC	SF	E	(0.14)	(0.18)	(0.12)	(0.18)	(0.10)	(0.19)	(0.08)	(0.19)	(0.08)	(0.19)	(0.07)	(0.19)
Tank and Pipe Insulation	Non Resource	Domestic Hot Water	MH	E	N/A	N/A	0.09	N/A	0.14	N/A	0.23	N/A	0.19	N/A	0.23	N/A

Tank and Pipe Insulation	Resource	Domestic Hot Water	MF	E	0.71	0.72	0.52	0.73	0.60	0.74	0.71	0.75	0.70	0.76	0.71	0.79
Tank and Pipe Insulation	Non Resource	Domestic Hot Water	SF	E	N/A	N/A	0.09	N/A	0.14	N/A	0.23	N/A	0.19	N/A	0.23	N/A

[1] No Non-Energy Benefits are allocated to the Multi Family common area measures

Application No.: A.19-11-003, et al.
Exhibit No.: SCE-05A2
Witnesses: _____



SOUTHERN CALIFORNIA
EDISON[®]

An *EDISON INTERNATIONAL*[®] Company

(U 338-E)

***Second Amended Testimony Supporting
Southern California Edison Company's Policy
for the Energy Savings Assistance (ESA) and
California Alternative Rates for Energy
(CARE) Programs***

Before the

Public Utilities Commission of the State of California

Rosemead, California
August 13, 2020

Attachment B

Excel Spreadsheets

Table A-5 Savings and Participation
 PY 2021-2026 Energy Savings Assistance Portfolio Goals and Target Populations
 Southern California Edison Company

	Electric Savings					Demand Savings				Gas Savings [6]					GHG Savings [6][8]				Combined (Electric and Gas) Savings [6]				
	Aggregate Values			Annual Values [3]		Aggregate Values			Annual Values [3]	Aggregate Values			Annual Values[3]		Aggregate Values			Annual Values [3]	Aggregate Values			Annual Values [3]	
	Total Opportunity (MWh)	Total Goal (MWh)	Total Participation Goal (HH)	Average Annual Electric Savings per Household (kWh/HH/yr)	Average Annual Electric Bill Savings per Household (\$/HH/yr) [4]	Total Opportunity (kW)	Total Goal (kW)	Total Participation Goal (HH)	Average Annual Demand Savings per Household (kW/HH/yr)	Total Opportunity (therms)	Total Goal (therms)	Total Participation Goal (HH)	Average Annual Gas Savings per Household (therms/HH)	Average Annual Gas Bill Savings per Household (\$/HH/yr) [4]	Total Opportunity (GHG (Metric Tons))	Total Goal (GHG (Metric Tons))	Total Participation Goal (HH)	Average Annual GHG Savings per Household (Metric Tons)/HH	Total Opportunity (BTU)	Total Goal (BTU)	Total Participation Goal (HH)	Average Annual BTU Savings per Household (BTU/HH)	
Target Populations																							
Housing Type																							
2021																							
Single Family	13,399	13,399	32,399	414	\$ 66	1,976	1,976	32,399	0.06	(86,648)	(86,648)	32,399	(2.67)	N/A	630	630	32,399	0.019	37,052,801,308	37,052,801,308	32,399	1,143,640	
Multifamily [1]	7,691	7,691	11,864	648	\$ 104	733	733	11,864	0.06	(72,303)	(72,303)	11,864	(6.09)	N/A	344	344	11,864	0.029	19,012,602,580	19,012,602,580	11,864	1,602,546	
Mobile Homes	1,971	1,971	1,369	1,440	\$ 230	249	249	1,369	0.18	(1,686)	(1,686)	1,369	(1.23)	N/A	165	165	1,369	0.120	6,558,094,373	6,558,094,373	1,369	4,790,427	
Subtotal	23,062	23,061	45,632	505	\$ 81	2,959	2,958	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	1,139	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
Single Family	111,156	111,156	204,480	544	\$ 87	46,912	46,912	204,480	0.23	1,143,378	1,143,378	204,480	5.59	N/A	16,651	16,651	204,480	0.081	493,602,333,356	493,602,333,356	204,480	2,413,939	
Multifamily[1]	38,271	38,271	59,036	648	\$ 104	11,811	11,811	59,036	0.20	202,690	202,690	59,036	3.43	N/A	4,359	4,359	59,036	0.074	150,849,977,092	150,849,977,092	59,036	2,555,220	
Mobile Homes	3,510	3,510	22,720	154	\$ 25	1,688	1,688	22,720	0.07	46,485	46,485	22,720	2.05	N/A	526	526	22,720	0.023	16,625,338,402	16,625,338,402	22,720	731,749	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Housing Total	175,999	175,998	331,868	530	\$ 85	63,370	63,369	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	
Customer Type [5]																							
2022-2026																							
Disadvantaged Communities [2]	62,704	62,704	117,357	534	\$ 85	24,768	24,768	117,357	0.21	570,948	570,948	117,357	4.87	N/A	8,830	8,830	117,357	0.075	271,042,390,322	271,042,390,322	117,357	2,309,555	
Tribal Communities	1,496	1,495	2,799	534	\$ 85	591	591	2,799	0.21	13,617	13,617	2,799	4.87	N/A	211	211	2,799	0.075	6,464,443,114	6,464,443,114	2,799	2,309,555	
Other ESA-eligible Communities	88,737	88,738	166,080	534	\$ 85	35,052	35,052	166,080	0.21	807,988	807,988	166,080	4.87	N/A	12,496	12,496	166,080	0.075	383,570,815,415	383,570,815,415	166,080	2,309,555	
Customer Total	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Climate Zone*																							
2021																							
6	2,900	2,900	7,337	395	\$ 63	364	364	7,337	0.05	(24,725)	(24,725)	7,337	(3.37)	N/A	138	138	7,337	0.019	7,421,478,495	7,421,478,495	7,337	1,011,514	
8	4,522	4,522	11,005	411	\$ 66	573	573	11,005	0.05	(33,254)	(33,254)	11,005	(3.02)	N/A	245	245	11,005	0.022	12,104,425,260	12,104,425,260	11,005	1,099,902	
9	3,439	3,439	8,254	417	\$ 67	439	439	8,254	0.05	(27,084)	(27,084)	8,254	(3.28)	N/A	176	176	8,254	0.021	9,025,340,289	9,025,340,289	8,254	1,093,450	
10	5,561	5,561	9,630	577	\$ 92	755	755	9,630	0.08	(37,246)	(37,246)	9,630	(3.87)	N/A	262	262	9,630	0.027	15,248,219,777	15,248,219,777	9,630	1,583,408	
13	1,664	1,664	2,293	726	\$ 116	238	238	2,293	0.10	(11,979)	(11,979)	2,293	(5.22)	N/A	70	70	2,293	0.030	4,480,817,739	4,480,817,739	2,293	1,954,129	
14	3,085	3,085	4,362	707	\$ 113	369	369	4,362	0.08	(18,331)	(18,331)	4,362	(4.20)	N/A	141	141	4,362	0.032	8,692,775,523	8,692,775,523	4,362	1,992,842	
15	1,404	1,404	1,834	766	\$ 123	154	154	1,834	0.08	(3,618)	(3,618)	1,834	(1.97)	N/A	91	91	1,834	0.049	4,430,008,649	4,430,008,649	1,834	2,415,490	
16	487	487	917	531	\$ 85	67	67	917	0.07	(4,400)	(4,400)	917	(4.80)	N/A	17	17	917	0.018	1,220,432,528	1,220,432,528	917	1,330,897	
Subtotal	23,062	23,062	45,632	505	\$ 81	2,959	2,959	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	1,139	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
6	17,414	17,414	45,798	380	\$ 61	5,625	5,625	45,798	0.12	(134,797)	(134,797)	45,798	(2.94)	N/A	888	888	45,798	0.019	45,937,279,788	45,937,279,788	45,798	1,003,041	
8	29,470	29,470	68,697	429	\$ 69	8,828	8,828	68,697	0.13	(180,385)	(180,385)	68,697	(2.63)	N/A	1,645	1,645	68,697	0.024	82,513,517,647	82,513,517,647	68,697	1,201,123	
9	23,301	23,301	51,522	452	\$ 72	7,617	7,617	51,522	0.15	(152,755)	(152,755)	51,522	(2.96)	N/A	1,280	1,280	51,522	0.025	64,228,075,920	64,228,075,920	51,522	1,246,615	
10	39,310	39,310	60,110	654	\$ 105	13,053	13,053	60,110	0.22	(136,940)	(136,940)	60,110	(2.28)	N/A	2,587	2,587	60,110	0.043	120,430,558,056	120,430,558,056	60,110	2,003,503	
13	7,188	7,188	14,312	502	\$ 80	4,518	4,518	14,312	0.32	714,534	714,534	14,312	49.93	N/A	4,730	4,730	14,312	0.330	95,978,740,708	95,978,740,708	14,312	6,706,172	
14	19,906	19,906	28,623	695	\$ 111	14,817	14,817	28,623	0.52	1,084,798	1,084,798	28,623	37.90	N/A	7,952	7,952	28,623	0.278	176,399,380,725	176,399,380,725	28,623	6,162,854	
15	13,558	13,558	11,449	1,184	\$ 189	4,663	4,663	11,449	0.41	268,901	268,901	11,449	23.49	N/A	2,627	2,627	11,449	0.229	73,148,666,150	73,148,666,150	11,449	6,389,088	
16	2,791	2,791	5,725	487	\$ 78	1,290	1,290	5,725	0.23	(70,803)	(70,803)	5,725	(12.37)	N/A	(173)	(173)	5,725	(0.030)	2,441,429,855	2,441,429,855	5,725	426,451	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Climate Zone Total	175,999	175,999	331,868	530	\$ 85	63,370	63,370	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	
Other Category*																							
2021	23,062	23,061	45,632	505	\$ 81	2,959	2,959	45,632	0.06	(160,637)	(160,637)	45,632	(3.52)	N/A	1,139	2,078	45,632	0.025	62,623,498,261	62,623,498,261	45,632	1,372,359	
2022-2026																							
Tier 1	98,283	98,313	69,100	1,422	\$ 228	30,052	30,086	69,100	0.43	(940,684)	(940,689)	69,100	(13.61)	N/A	2,226	7,731	69,100	0.032	241,272,036,358	241,374,148,803	69,100	3,491,636	
Tier 2	15,537	15,507	154,970	100	\$ 16	17,456	17,421	154,970	0.11	2,075,528	2,171,830	154,970	13.39	N/A	13,104	354	154,970	0.085	260,565,875,627	270,093,464,723	154,970	1,681,396	
Multifamily	38,271	38,271	59,036	648	\$ 104	11,811	11,811	59,036	0.20	202,690	202,690	59,036	3.43	N/A	4,359	4,359	59,036	0.074	150,849,977,092	150,849,977,092	59,036	2,555,220	
Pilot	846	846	3,130	270	\$ 43	1,093	1,093	3,130	0.35	55,019	55,019	3,130	17.58	N/A	1,847	1,847	3,130	0.590	8,389,759,773	8,389,759,773	3,130	2,680,434	
Subtotal	152,937	152,937	286,236	534	\$ 85	60,411	60,411	286,236	0.21	1,392,553	1,392,553	286,236	4.87	N/A	21,536	21,536	286,236	0.075	661,077,648,850	661,077,648,850	286,236	2,309,555	
Customer Total	175,999	175,998	331,868	530	\$ 85	63,370	63,369	331,868	0.19	1,231,916	1,231,916	331,868	3.71	N/A	22,675	22,675	331,868	0.068	723,701,147,111	723,701,147,111	331,868	2,180,690	

*Optional categories to fill-in. Housing Type and Customer Type are mandatory.
 [1] For the purposes of this Application, consider a multifamily building has at a minimum five or more units.
 [2] As designated by CalEPA using their CalEnviroScreen Tool.
 [3] Include both Resource and Equity measures in calculation.
 [4] Sixteen cents average cost per kWh source: 2021-2026 ESA CET.
 [5] Average savings of all program offerings used to calculate savings per household. Data pertains to 2022-2026 only, when new program cycle goals for these customer segments will be in effect.
 [6] Therms, GHG, and BTU impacts include negative interactive effects for electric measures, plus impacts due to substitution of electricity for gas base cases. Only GHG impacts are claimed for measures with propane base cases.
 [7] Insignificant differences in some values shown are due to rounding in underlying calculations.
 [8] Decision 19-06-022, Appendix B, Table A-5 did not provide a specific methodology for the calculation of GHG savings. SCE applied CO2 impacts output for electric and gas from the CEDARS CET tool. GHG impacts from displacing propane usage for certain measures were calculated separately and

Table-6a Housing Type MF

**Energy Savings Assistance Program Detail by Housing Type (Multifamily only)*
Southern California Edison**

	PY 2021	PY 2022	PY 2023	PY 2024	PY 2025	PY 2026
	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated	Projected Customers Treated
Gas and Electric Customers						
Owners - Total						
Properties	30	60	90	180	150	120
Multifamily Tenant Units	11,564	5,904	8,855	17,711	14,759	11,807
Units Treated	N/A	N/A	N/A	N/A	N/A	N/A
Electric Customers (only)						
Owners - Total						
Properties	30	60	90	180	150	120
Multifamily Tenant Units	11,564	5,904	8,855	17,711	14,759	11,807
Units Treated	N/A	N/A	N/A	N/A	N/A	N/A
Gas Customers (only)						
Owners - Total						
Properties						
Multifamily Tenant Units						
Units Treated						

NOTES

- 1 Multifamily buildings are defined as 5 or more units.
 - 2 Property is a collection of one or more buildings that constitute a multifamily property.
 - 3 Multifamily tenant units are provided here to give a sense of the number of low-income households impacted through treatment of a whole building treatment or common area measures.
 - 4 "Units Treated" should only be completed for units not captured in A-6 as part of a whole building treatment where measures are installed in common areas and in units.
- * Numbers stated for MF are estimates and will be further refined once 3rd party implementer is awarded

Table A-7 Cost Effectiveness
 Summary of Energy Savings Assistance Program Cost Effectiveness
 Southern California Edison

		Ratio of Program Benefits over Program Costs	
		Energy Savings Assistance Cost Effectiveness Test (ESACET) [1]	Resource Measure Total Resources Cost (Resource TRC) [1]
	PY 2016 [2]	N/A	N/A
	PY 2017	0.72	0.71
	PY 2018	1.02	1.12
	PY 2019 [3]	0.62	0.48
	PY 2020 [3]	0.56	0.41
Estimated	PY 2021 [4]	0.59	0.74
	PY 2022 [4]	0.57	0.80
	PY 2023 [4]	0.61	0.78
	PY 2024 [4]	0.70	0.79
	PY 2025 [4]	0.72	0.79
	PY 2026 [4]	0.77	0.82

[1] All program measures "resource and non-resource measures" are included in the ESACET.
 [2] Ordering Paragraph 43 of D. 14-08-030 directs the 2015-2017 ESA Application to use the two
 [3] SCE's Advice Letter 3824-E-A.
 [4] No Non-Energy Benefits are allocated to the Multi Family common area measures.

Table A-8 Weather
Energy Savings Assistance Program Cost-Effectiveness - Weather Sensitive Measures

Measure*	R=Resource E= Equity or Non Resource	Measure Group	Type of Home (SF, MH, MF)	Electric or Gas (E, G)	Climate Zone** (Number)	2021		2022		2023		2024		2025		2026	
						ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin
						Air Filter Replacement	Resource	Maintenance	MH	E	6	N/A	N/A	0.34	0.07	0.47	0.07
Air Filter Replacement	Resource	Maintenance	MH	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	MH	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	MH	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	MH	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	MH	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	MH	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	MH	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Air Filter Replacement	Resource	Maintenance	MF	E	6	N/A	N/A	0.34	0.07	0.40	0.07	0.47	0.07	0.49	0.07	0.57	0.07
Air Filter Replacement	Resource	Maintenance	MF	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	MF	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	MF	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	MF	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	MF	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	MF	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	MF	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Air Filter Replacement	Resource	Maintenance	SF	E	6	N/A	N/A	0.34	0.07	0.40	0.07	0.47	0.07	0.49	0.07	0.57	0.07
Air Filter Replacement	Resource	Maintenance	SF	E	8	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.58	0.09
Air Filter Replacement	Resource	Maintenance	SF	E	9	N/A	N/A	0.36	0.09	0.41	0.09	0.48	0.09	0.50	0.09	0.59	0.09
Air Filter Replacement	Resource	Maintenance	SF	E	10	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Air Filter Replacement	Resource	Maintenance	SF	E	13	N/A	N/A	0.39	0.15	0.45	0.15	0.53	0.15	0.54	0.15	0.62	0.15
Air Filter Replacement	Resource	Maintenance	SF	E	14	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Air Filter Replacement	Resource	Maintenance	SF	E	15	N/A	N/A	0.51	0.36	0.57	0.37	0.66	0.37	0.68	0.36	0.74	0.37
Air Filter Replacement	Resource	Maintenance	SF	E	16	N/A	N/A	0.31	0.03	0.37	0.03	0.44	0.03	0.45	0.03	0.54	0.03
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	10	N/A	N/A	0.46	0.53	0.51	0.54	0.56	0.60	0.58	0.62	0.60	
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	13	N/A	N/A	0.40	0.40	0.44	0.44	0.50	0.43	0.52	0.44	0.55	0.46
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	14	N/A	N/A	0.41	0.43	0.46	0.44	0.52	0.46	0.54	0.47	0.57	0.49
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	15	N/A	N/A	0.41	0.43	0.46	0.44	0.51	0.45	0.53	0.46	0.56	0.47
Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	16	N/A	N/A	0.37	0.35	0.41	0.36	0.47	0.37	0.48	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	10	N/A	N/A	0.40	0.40	0.44	0.41	0.50	0.42	0.52	0.44	0.55	0.45
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	13	N/A	N/A	0.38	0.36	0.42	0.37	0.47	0.38	0.49	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	14	N/A	N/A	0.44	0.49	0.49	0.50	0.56	0.52	0.57	0.53	0.60	0.55
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	15	N/A	N/A	0.38	0.36	0.42	0.37	0.47	0.38	0.49	0.39	0.52	0.40
Attic Insul CAC NonElect Heat	Resource	Enclosure	SF	E	16	N/A	N/A	0.40	0.40	0.45	0.42	0.51	0.43	0.52	0.45	0.55	0.47
Central HP - CAC Gas	Non Resource	HVAC	MH	E	13	N/A	N/A	0.42	0.46	0.47	0.48	0.54	0.50	0.56	0.52	0.59	0.54
Central HP - CAC Gas	Non Resource	HVAC	MH	E	14	N/A	N/A	0.41	0.40	0.45	0.42	0.52	0.44	0.54	0.46	0.57	0.48
Central HP - CAC Gas	Resource	HVAC	MH	E	15	N/A	N/A	0.43	0.44	0.47	0.46	0.54	0.47	0.56	0.49	0.59	0.51
Central HP - CAC Gas	Non Resource	HVAC	MF	E	13	N/A	N/A	0.45	0.49	0.50	0.51	0.57	0.54	0.60	0.56	0.62	0.58
Central HP - CAC Gas	Non Resource	HVAC	MF	E	14	N/A	N/A	0.41	0.41	0.46	0.43	0.52	0.44	0.54	0.46	0.57	0.48
Central HP - CAC Gas	Resource	HVAC	MF	E	15	N/A	N/A	0.37	0.33	0.41	0.34	0.47	0.35	0.48	0.37	0.52	0.38
Central HP - CAC Gas	Non Resource	HVAC	SF	E	13	N/A	N/A	0.35	0.35	0.39	0.37	0.45	0.38	0.47	0.40	0.50	0.42
Central HP - CAC Gas	Non Resource	HVAC	SF	E	14	N/A	N/A	0.35	0.33	0.40	0.35	0.45	0.36	0.47	0.38	0.51	0.39
Central HP - CAC Gas	Resource	HVAC	SF	E	15	N/A	N/A	0.34	0.28	0.38	0.29	0.43	0.30	0.45	0.31	0.48	0.32
Central HP - CAC Propane	Non Resource	HVAC	MH	E	13	N/A	N/A	0.14	-	0.17	0.01	0.21	0.01	0.22	0.02	0.27	0.02
Central HP - CAC Propane	Non Resource	HVAC	MH	E	14	N/A	N/A	0.15	0.02	0.18	0.02	0.22	0.03	0.23	0.03	0.28	0.04
Central HP - CAC Propane	Resource	HVAC	MH	E	15	N/A	N/A	0.31	0.23	0.35	0.24	0.40	0.25	0.41	0.26	0.45	0.27
Central HP - CAC Propane	Non Resource	HVAC	MF	E	13	N/A	N/A	0.17	0.04	0.20	0.04	0.24	0.05	0.26	0.06	0.31	0.06
Central HP - CAC Propane	Non Resource	HVAC	MF	E	14	N/A	N/A	0.16	0.03	0.19	0.03	0.23	0.03	0.24	0.04	0.29	0.04
Central HP - CAC Propane	Resource	HVAC	MF	E	15	N/A	N/A	0.23	0.12	0.26	0.12	0.31	0.13	0.32	0.13	0.36	0.14
Central HP - CAC Propane	Non Resource	HVAC	SF	E	13	N/A	N/A	0.03	(0.10)	0.06	(0.10)	0.09	(0.10)	0.10	(0.10)	0.15	(0.10)
Central HP - CAC Propane	Non Resource	HVAC	SF	E	14	N/A	N/A	0.08	(0.05)	0.11	(0.05)	0.15	(0.05)	0.16	(0.05)	0.20	(0.04)
Central HP - CAC Propane	Resource	HVAC	SF	E	15	N/A	N/A	0.19	0.07	0.22	0.07	0.26	0.07	0.27	0.08	0.32	0.08
Condensor Coil Cleaning	Resource	Maintenance	MH	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	MH	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.51	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	MH	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	MH	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	MH	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27
Condensor Coil Cleaning	Resource	Maintenance	MH	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39
Condensor Coil Cleaning	Resource	Maintenance	MH	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	MH	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Condensor Coil Cleaning	Resource	Maintenance	MF	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	MF	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.50	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	MF	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	MF	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	MF	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27

Condensor Coil Cleaning	Resource	Maintenance	MF	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39
Condensor Coil Cleaning	Resource	Maintenance	MF	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	MF	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Condensor Coil Cleaning	Resource	Maintenance	SF	E	6	N/A	N/A	0.34	0.07	0.39	0.07	0.47	0.07	0.48	0.07	0.57	0.07
Condensor Coil Cleaning	Resource	Maintenance	SF	E	8	N/A	N/A	0.37	0.11	0.42	0.11	0.50	0.11	0.51	0.11	0.60	0.11
Condensor Coil Cleaning	Resource	Maintenance	SF	E	9	N/A	N/A	0.39	0.14	0.44	0.14	0.52	0.14	0.53	0.14	0.62	0.14
Condensor Coil Cleaning	Resource	Maintenance	SF	E	10	N/A	N/A	0.41	0.18	0.47	0.18	0.55	0.18	0.56	0.18	0.64	0.18
Condensor Coil Cleaning	Resource	Maintenance	SF	E	13	N/A	N/A	0.46	0.27	0.53	0.28	0.61	0.28	0.62	0.27	0.69	0.27
Condensor Coil Cleaning	Resource	Maintenance	SF	E	14	N/A	N/A	0.52	0.38	0.58	0.39	0.67	0.38	0.69	0.38	0.75	0.39
Condensor Coil Cleaning	Resource	Maintenance	SF	E	15	N/A	N/A	0.59	0.55	0.66	0.56	0.76	0.56	0.78	0.55	0.83	0.56
Condensor Coil Cleaning	Resource	Maintenance	SF	E	16	N/A	N/A	0.33	0.06	0.39	0.06	0.46	0.06	0.48	0.06	0.57	0.06
Efficient Fan Control	Resource	HVAC	MH	E	13	0.62	1.04	0.74	1.05	0.82	1.05	0.95	1.06	0.98	1.06	1.00	1.08
Efficient Fan Control	Resource	HVAC	MH	E	14	0.79	1.97	0.89	1.98	1.01	2.00	1.20	2.01	1.24	2.03	1.21	2.07
Efficient Fan Control	Resource	HVAC	MH	E	15	N/A	N/A	N/A	N/A	N/A	N/A	1.46	4.00	1.52	4.02	N/A	N/A
Efficient Fan Control	Resource	HVAC	MF	E	13	0.50	0.69	0.64	0.69	0.71	0.70	0.82	0.70	0.84	0.70	0.88	0.71
Efficient Fan Control	Resource	HVAC	MF	E	14	0.68	1.31	0.79	1.32	0.89	1.33	1.04	1.34	1.07	1.35	1.07	1.37
Efficient Fan Control	Resource	HVAC	MF	E	15	0.91	3.18	1.00	3.20	1.15	3.21	1.38	3.23	1.43	3.25	1.36	3.30
Efficient Fan Control	Resource	HVAC	SF	E	13	0.63	1.08	0.75	1.09	0.83	1.09	0.97	1.10	1.00	1.11	1.01	1.12
Efficient Fan Control	Resource	HVAC	SF	E	14	0.62	1.08	0.75	1.09	0.83	1.10	0.97	1.10	1.00	1.11	1.01	1.13
Efficient Fan Control	Resource	HVAC	SF	E	15	0.95	3.98	1.04	4.01	1.21	4.02	1.47	4.04	1.52	4.07	1.42	4.13
Evap Maint Functioning	Resource	Maintenance	MH	E	10	N/A	N/A	0.11	0.08	0.13	0.08	0.15	0.07	0.15	0.06	0.16	0.06
Evap Maint Functioning	Resource	Maintenance	MH	E	13	N/A	N/A	0.17	0.16	0.19	0.16	0.21	0.15	0.20	0.14	0.21	0.13
Evap Maint Functioning	Resource	Maintenance	MH	E	14	N/A	N/A	0.23	0.28	0.25	0.27	0.27	0.25	0.26	0.23	0.26	0.22
Evap Maint Functioning	Resource	Maintenance	MH	E	15	N/A	N/A	0.41	0.56	0.45	0.56	0.49	0.55	0.50	0.55	0.50	0.56
Evap Maint Functioning	Non Resource	Maintenance	MH	E	16	N/A	N/A	(0.56)	(0.61)	(0.56)	(0.64)	(0.58)	(0.67)	(0.62)	(0.71)	(0.64)	(0.76)
Evap Maint Functioning	Resource	Maintenance	SF	E	10	N/A	N/A	0.18	0.17	0.21	0.17	0.23	0.16	0.23	0.16	0.24	0.16
Evap Maint Functioning	Resource	Maintenance	SF	E	13	N/A	N/A	0.27	0.30	0.29	0.29	0.32	0.29	0.32	0.28	0.33	0.28
Evap Maint Functioning	Resource	Maintenance	SF	E	14	N/A	N/A	0.35	0.47	0.38	0.46	0.42	0.45	0.42	0.45	0.42	0.45
Evap Maint Functioning	Resource	Maintenance	SF	E	15	N/A	N/A	0.50	0.77	0.55	0.77	0.61	0.76	0.62	0.76	0.62	0.77
Evap Maint Functioning	Resource	Maintenance	SF	E	16	N/A	N/A	(0.34)	(0.41)	(0.34)	(0.43)	(0.35)	(0.45)	(0.38)	(0.49)	(0.40)	(0.52)
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	10	N/A	N/A	0.13	0.11	0.15	0.10	0.16	0.09	0.16	0.08	0.17	0.07
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	13	N/A	N/A	N/A	N/A	0.22	0.21	0.24	0.20	0.23	0.18	0.24	0.17
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	14	N/A	N/A	N/A	N/A	0.29	0.36	0.31	0.34	0.30	0.31	0.30	0.30
Evap Maint NonFunctioning	Resource	Maintenance	MH	E	15	N/A	N/A	N/A	N/A	0.53	0.74	0.58	0.74	0.59	0.73	0.58	0.74
Evap Maint NonFunctioning	Non Resource	Maintenance	MH	E	16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(0.86)	(0.95)	N/A	N/A
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	10	N/A	N/A	0.22	0.22	0.25	0.22	0.27	0.21	0.27	0.21	0.28	0.21
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	13	N/A	N/A	0.32	0.40	0.35	0.39	0.38	0.38	0.38	0.38	0.38	0.37
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	14	N/A	N/A	0.41	0.63	0.45	0.62	0.49	0.61	0.49	0.59	0.49	0.60
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	15	N/A	N/A	0.59	1.03	0.65	1.02	0.72	1.02	0.74	1.02	0.72	1.03
Evap Maint NonFunctioning	Resource	Maintenance	SF	E	16	N/A	N/A	(0.47)	(0.54)	(0.48)	(0.57)	(0.50)	(0.61)	(0.54)	(0.65)	(0.56)	(0.70)
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	MH	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	MF	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	6	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.13	0.03	0.15	0.03
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	8	N/A	N/A	0.10	0.05	0.12	0.05	0.14	0.05	0.15	0.05	0.16	0.05
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	9	N/A	N/A	0.11	0.07	0.14	0.07	0.16	0.07	0.16	0.07	0.18	0.07
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	10	N/A	N/A	0.13	0.09	0.16	0.09	0.17	0.09	0.18	0.09	0.20	0.09
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	13	N/A	N/A	0.17	0.14	0.19	0.14	0.21	0.14	0.22	0.14	0.24	0.14
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	14	N/A	N/A	0.21	0.19	0.24	0.19	0.26	0.19	0.26	0.19	0.28	0.19
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	15	N/A	N/A	0.27	0.28	0.30	0.28	0.32	0.28	0.33	0.27	0.34	0.28
Evaporator Coil Cleaning	Resource	Maintenance	SF	E	16	N/A	N/A	0.08	0.03	0.10	0.03	0.12	0.03	0.12	0.03	0.14	0.03
Fan Control	Resource	Maintenance	MH	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10
Fan Control	Resource	Maintenance	MH	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	MH	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	MH	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	MH	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	MH	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	MH	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	MH	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08

Fan Control	Resource	Maintenance	MF	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10
Fan Control	Resource	Maintenance	MF	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	MF	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	MF	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	MF	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	MF	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	MF	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	MF	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08
Fan Control	Resource	Maintenance	SF	E	6	N/A	N/A	0.36	0.10	0.41	0.10	0.49	0.10	0.50	0.10	0.59	0.10
Fan Control	Resource	Maintenance	SF	E	8	N/A	N/A	0.39	0.15	0.45	0.15	0.52	0.15	0.54	0.15	0.62	0.15
Fan Control	Resource	Maintenance	SF	E	9	N/A	N/A	0.42	0.20	0.48	0.20	0.56	0.20	0.57	0.20	0.65	0.20
Fan Control	Resource	Maintenance	SF	E	10	N/A	N/A	0.45	0.26	0.51	0.26	0.59	0.25	0.61	0.25	0.68	0.26
Fan Control	Resource	Maintenance	SF	E	13	N/A	N/A	0.52	0.39	0.58	0.39	0.67	0.39	0.69	0.39	0.75	0.39
Fan Control	Resource	Maintenance	SF	E	14	N/A	N/A	0.58	0.54	0.65	0.54	0.75	0.54	0.77	0.54	0.83	0.55
Fan Control	Resource	Maintenance	SF	E	15	N/A	N/A	0.66	0.79	0.75	0.78	0.86	0.78	0.88	0.78	0.92	0.80
Fan Control	Resource	Maintenance	SF	E	16	N/A	N/A	0.35	0.09	0.41	0.09	0.48	0.08	0.50	0.08	0.58	0.08
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.87	0.68	N/A	N/A
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	8	N/A	N/A	0.63	0.63	0.72	0.64	0.84	0.66	0.86	0.68	0.92	0.70
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	9	N/A	N/A	N/A	N/A	N/A	N/A	0.84	0.66	N/A	N/A	N/A	N/A
Heat Pump Water Heater Electric	Resource	Domestic Hot Water	SF	E	10	N/A	N/A	N/A	N/A	N/A	N/A	0.83	0.65	0.86	0.67	N/A	N/A
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	6	N/A	N/A	0.40	0.41	0.49	0.44	0.60	0.48	0.64	0.52	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	8	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.48	0.64	0.52	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	9	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.48	0.64	0.51	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	10	N/A	N/A	0.41	0.41	0.49	0.44	0.61	0.47	0.64	0.51	0.68	0.54
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	13	N/A	N/A	0.40	0.39	0.48	0.42	0.60	0.46	0.63	0.49	0.67	0.52
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	14	N/A	N/A	0.39	0.38	0.47	0.41	0.59	0.45	0.62	0.48	0.66	0.51
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	15	N/A	N/A	0.43	0.39	0.51	0.42	0.63	0.45	0.66	0.48	0.70	0.50
Heat Pump Water Heater Gas	Non Resource	Domestic Hot Water	SF	E	16	N/A	N/A	0.30	0.27	0.38	0.30	0.49	0.33	0.52	0.37	0.56	0.39
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	6	N/A	N/A	(0.03)	(0.34)	0.06	(0.31)	0.17	(0.29)	0.21	(0.26)	0.33	(0.24)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	8	N/A	N/A	(0.01)	(0.31)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	9	N/A	N/A	(0.01)	(0.32)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	10	N/A	N/A	(0.01)	(0.31)	0.08	(0.29)	0.19	(0.27)	0.23	(0.24)	0.35	(0.22)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	13	N/A	N/A	(0.03)	(0.33)	0.06	(0.31)	0.17	(0.29)	0.21	(0.26)	0.33	(0.24)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	14	N/A	N/A	(0.05)	(0.35)	0.04	(0.33)	0.15	(0.31)	0.19	(0.28)	0.31	(0.26)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	15	N/A	N/A	0.09	(0.22)	0.17	(0.20)	0.28	(0.18)	0.32	(0.15)	0.44	(0.13)
Heat Pump Water Heater Propane	Non Resource	Domestic Hot Water	SF	E	16	N/A	N/A	(0.27)	(0.58)	(0.19)	(0.56)	(0.08)	(0.54)	(0.04)	(0.51)	0.08	(0.49)
LED Diffuse A-Lamp	Resource	Lighting	MH	E	6	0.99	2.91	1.20	2.98	1.46	3.05	1.85	3.12	1.93	3.20	1.92	3.30
LED Diffuse A-Lamp	Resource	Lighting	MH	E	8	1.02	3.26	1.21	3.34	1.47	3.41	1.86	3.49	1.95	3.58	1.92	3.70
LED Diffuse A-Lamp	Resource	Lighting	MH	E	9	1.01	3.25	1.20	3.33	1.46	3.41	1.85	3.49	1.94	3.58	1.90	3.69
LED Diffuse A-Lamp	Resource	Lighting	MH	E	10	1.01	3.25	1.20	3.33	1.46	3.41	1.85	3.49	1.93	3.58	1.90	3.69
LED Diffuse A-Lamp	Resource	Lighting	MH	E	13	1.00	3.37	1.18	3.45	1.43	3.53	1.82	3.61	1.90	3.70	1.87	3.82
LED Diffuse A-Lamp	Resource	Lighting	MH	E	14	1.00	3.25	1.18	3.33	1.43	3.40	1.82	3.48	1.90	3.56	1.87	3.68
LED Diffuse A-Lamp	Resource	Lighting	MH	E	15	1.08	3.84	1.25	3.94	1.52	4.03	1.92	4.13	2.01	4.24	1.96	4.38
LED Diffuse A-Lamp	Resource	Lighting	MH	E	16	0.94	3.09	1.14	3.16	1.38	3.23	1.75	3.29	1.83	3.37	1.81	3.47
LED Diffuse A-Lamp	Resource	Lighting	MF	E	6	0.97	2.82	1.19	2.89	1.44	2.96	1.82	3.02	1.91	3.10	1.90	3.20
LED Diffuse A-Lamp	Resource	Lighting	MF	E	8	1.00	2.99	1.21	3.06	1.46	3.13	1.85	3.20	1.94	3.29	1.92	3.39
LED Diffuse A-Lamp	Resource	Lighting	MF	E	9	1.00	3.14	1.20	3.22	1.45	3.29	1.84	3.37	1.93	3.45	1.90	3.56
LED Diffuse A-Lamp	Resource	Lighting	MF	E	10	0.99	3.08	1.19	3.16	1.44	3.23	1.83	3.30	1.91	3.39	1.89	3.50
LED Diffuse A-Lamp	Resource	Lighting	MF	E	13	0.99	3.77	1.18	3.25	1.43	3.32	1.81	3.40	1.90	3.48	1.87	3.59
LED Diffuse A-Lamp	Resource	Lighting	MF	E	14	0.99	3.13	1.18	3.20	1.43	3.27	1.82	3.35	1.90	3.43	1.87	3.54
LED Diffuse A-Lamp	Resource	Lighting	MF	E	15	1.07	3.70	1.25	3.79	1.51	3.88	1.91	3.97	2.00	4.08	1.95	4.21
LED Diffuse A-Lamp	Resource	Lighting	MF	E	16	0.94	3.01	1.15	3.08	1.39	3.14	1.77	3.21	1.85	3.28	1.83	3.38
LED Diffuse A-Lamp	Resource	Lighting	SF	E	6	0.95	2.75	1.16	2.81	1.40	2.87	1.78	2.93	1.86	3.00	1.85	3.10
LED Diffuse A-Lamp	Resource	Lighting	SF	E	8	0.97	2.89	1.17	2.96	1.42	3.03	1.80	3.09	1.88	3.17	1.86	3.27
LED Diffuse A-Lamp	Resource	Lighting	SF	E	9	0.97	2.98	1.16	3.04	1.41	3.11	1.79	3.18	1.87	3.26	1.85	3.36
LED Diffuse A-Lamp	Resource	Lighting	SF	E	10	0.95	2.86	1.13	2.92	1.38	2.99	1.75	3.05	1.83	3.12	1.81	3.22
LED Diffuse A-Lamp	Resource	Lighting	SF	E	13	0.96	3.08	1.13	3.15	1.37	3.22	1.74	3.29	1.82	3.37	1.80	3.47
LED Diffuse A-Lamp	Resource	Lighting	SF	E	14	0.95	2.99	1.12	3.05	1.36	3.12	1.73	3.18	1.81	3.25	1.78	3.36
LED Diffuse A-Lamp	Resource	Lighting	SF	E	15	1.04	3.59	1.22	3.68	1.48	3.76	1.87	3.85	1.96	3.95	1.92	4.08
LED Diffuse A-Lamp	Resource	Lighting	SF	E	16	0.91	2.92	1.11	2.98	1.35	3.04	1.71	3.10	1.79	3.17	1.77	3.27
LED Reflector Lamp	Resource	Lighting	MH	E	6	N/A	N/A	1.08	2.09	1.29	2.14	1.60	2.19	1.67	2.24	1.68	2.31
LED Reflector Lamp	Resource	Lighting	MH	E	8	0.93	2.28	1.09	2.34	1.31	2.39	1.62	2.45	1.70	2.51	1.69	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	9	N/A	N/A	1.09	2.34	1.30	2.39	1.62	2.44	1.69	2.51	1.68	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	10	0.93	2.28	1.08	2.33	1.30	2.39	1.61	2.44	1.68	2.51	1.68	2.59
LED Reflector Lamp	Resource	Lighting	MH	E	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.67	2.59	N/A	N/A
LED Reflector Lamp	Resource	Lighting	MH	E	14	N/A	N/A	1.07	2.33	1.28	2.39	1.59	2.44	1.66	2.50	1.66	2.58
LED Reflector Lamp	Resource	Lighting	MH	E	15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.67	2.59	N/A	N/A
LED Reflector Lamp	Resource	Lighting	MF	E	6	0.88	1.98	1.06	2.03	1.27	2.07	1.58	2.12	1.65	2.17	1.66	2.24
LED Reflector Lamp	Resource	Lighting	MF	E	8	0.91	2.10	1.08	2.15	1.29	2.20	1.61	2.25	1.68	2.30	1.68	2.38
LED Reflector Lamp	Resource	Lighting	MF	E	9	0.92	2.20	1.08	2.26	1.29	2.31	1.61	2.36	1.68	2.42	1.68	2.50
LED Reflector Lamp	Resource	Lighting	MF	E	10	0.91	2.16	1.07	2.21	1.28	2.26	1.59	2.32	1.66	2.37	1.66	2.45
LED Reflector Lamp	Resource	Lighting	MF	E	13	0.90	2.22	1.06	2.28	1.27	2.33	1.58	2.38	1.65	2.44	1.65	2.52

LED Reflector Lamp	Resource	Lighting	MF	E	14	0.91	2.19	1.06	2.24	1.27	2.30	1.58	2.35	1.65	2.40	1.65	2.48
LED Reflector Lamp	Resource	Lighting	MF	E	15	0.98	2.59	1.13	2.66	1.35	2.72	1.68	2.78	1.76	2.86	1.74	2.95
LED Reflector Lamp	Resource	Lighting	MF	E	16	0.86	2.11	1.03	2.16	1.24	2.20	1.54	2.25	1.61	2.30	1.61	2.37
LED Reflector Lamp	Resource	Lighting	SF	E	6	0.86	1.92	1.03	1.97	1.24	2.01	1.54	2.06	1.61	2.11	1.62	2.17
LED Reflector Lamp	Resource	Lighting	SF	E	8	0.88	2.03	1.05	2.07	1.26	2.12	1.56	2.17	1.63	2.22	1.64	2.29
LED Reflector Lamp	Resource	Lighting	SF	E	9	0.89	2.09	1.04	2.13	1.25	2.18	1.56	2.23	1.63	2.28	1.63	2.36
LED Reflector Lamp	Resource	Lighting	SF	E	10	0.87	2.00	1.02	2.05	1.22	2.09	1.52	2.14	1.59	2.19	1.60	2.26
LED Reflector Lamp	Resource	Lighting	SF	E	13	0.88	2.16	1.02	2.21	1.22	2.26	1.53	2.30	1.59	2.36	1.59	2.43
LED Reflector Lamp	Resource	Lighting	SF	E	14	0.87	2.09	1.01	2.14	1.21	2.18	1.51	2.23	1.58	2.28	1.58	2.35
LED Reflector Lamp	Resource	Lighting	SF	E	15	0.96	2.52	1.11	2.58	1.32	2.64	1.65	2.70	1.72	2.77	1.70	2.86
LED Reflector Lamp	Resource	Lighting	SF	E	16	0.84	2.05	1.00	2.09	1.20	2.13	1.50	2.18	1.56	2.22	1.56	2.29
LED Torchiere	Resource	Lighting	MH	E	6	0.79	1.36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	8	0.80	1.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	9	0.80	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	10	0.79	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	13	0.79	1.58	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	14	0.78	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	15	0.83	1.80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MH	E	16	0.75	1.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	6	0.85	1.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	8	0.83	1.56	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	9	0.85	1.64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	10	0.85	1.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	13	0.86	1.70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	14	0.85	1.67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	15	0.86	1.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	MF	E	16	0.85	1.67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	6	0.76	1.29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	8	0.77	1.36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	9	0.75	1.39	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	10	0.74	1.34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	13	0.74	1.44	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	14	0.73	1.40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	15	0.80	1.68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LED Torchiere	Resource	Lighting	SF	E	16	0.72	1.37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MF-CAM Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	10	N/A	N/A	0.25	0.31	0.27	0.32	0.29	0.33	0.30	0.35	0.30	0.36
MF-CAM Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	13	N/A	N/A	N/A	N/A	N/A	N/A	0.27	0.31	0.28	0.32	0.28	0.33
MF-CAM Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	14	N/A	N/A	0.27	0.34	0.29	0.35	0.31	0.36	0.32	0.38	0.32	0.39
MF-CAM Attic Insul CAC NonElect Heat	Resource	Enclosure	MF	E	15	N/A	N/A	N/A	N/A	N/A	N/A	0.27	0.31	0.28	0.32	N/A	N/A
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	6	N/A	N/A	0.37	0.52	0.40	0.53	0.43	0.54	0.44	0.56	0.44	0.58
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	8	N/A	N/A	0.37	0.52	N/A	N/A	0.42	0.54	0.44	0.55	0.44	0.57
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	9	N/A	N/A	N/A	N/A	0.39	0.52	0.42	0.54	0.43	0.55	0.43	0.57
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	10	N/A	N/A	0.36	0.51	0.39	0.52	0.42	0.53	0.43	0.55	0.43	0.56
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	13	N/A	N/A	0.36	0.50	0.38	0.51	0.41	0.52	0.42	0.53	0.42	0.55
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	14	N/A	N/A	0.36	0.50	0.38	0.51	0.41	0.52	0.42	0.53	0.42	0.55
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	15	N/A	N/A	0.34	0.46	0.36	0.47	0.39	0.48	0.40	0.49	N/A	N/A
MF-CAM Heat Pump Water Heater Electric	Resource	Domestic Hot Water	MF	E	16	N/A	N/A	0.33	0.45	0.35	0.46	N/A	N/A	N/A	N/A	N/A	N/A
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	6	1.08	5.85	0.95	5.95	1.11	5.93	1.35	5.89	1.39	5.89	1.26	6.05
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	8	1.11	6.19	0.98	6.28	1.14	6.27	1.39	6.23	1.43	6.24	1.30	6.41
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	9	1.11	6.52	0.98	6.62	1.15	6.61	1.40	6.57	1.45	6.59	1.31	6.77
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	10	1.10	6.36	0.97	6.47	1.13	6.45	1.38	6.41	1.42	6.42	1.28	6.60
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	13	1.09	6.56	0.96	6.66	1.13	6.65	1.37	6.61	1.42	6.61	1.28	6.79
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	14	1.09	6.50	0.96	6.60	1.13	6.58	1.37	6.53	1.42	6.53	1.28	6.70
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	15	1.18	7.61	1.05	7.74	1.24	7.74	1.51	7.72	1.57	7.76	1.42	7.99
MF-CAM LED Diffuse A-Lamp	Resource	Lighting	MF	E	16	1.05	6.48	0.94	6.57	1.10	6.55	1.34	6.50	1.38	6.49	1.24	6.64
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	6	1.09	4.76	0.91	4.87	1.07	4.98	1.30	5.10	1.35	5.22	1.23	5.39
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	8	1.11	5.04	0.94	5.16	1.10	5.28	1.34	5.40	1.40	5.54	1.27	5.71
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	9	1.12	5.30	0.94	5.42	1.11	5.55	1.35	5.68	1.41	5.82	1.28	6.01
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	10	1.11	5.20	0.93	5.32	1.09	5.44	1.33	5.57	1.39	5.71	1.26	5.89
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	13	1.10	5.35	0.92	5.47	1.09	5.60	1.33	5.72	1.38	5.86	1.26	6.05
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	14	1.10	5.28	0.92	5.40	1.09	5.52	1.33	5.64	1.38	5.78	1.26	5.96
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	15	1.18	6.23	1.01	6.38	1.20	6.54	1.47	6.70	1.53	6.87	1.39	7.09
MF-CAM LED Exit Sign	Resource	Lighting	MF	E	16	1.02	5.08	0.89	5.19	1.04	5.30	1.27	5.41	1.32	5.54	1.20	5.70
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	6	1.00	3.31	0.85	3.37	0.97	3.36	1.15	3.34	1.18	3.34	1.08	3.43
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	8	1.02	3.51	0.87	3.57	1.00	3.56	1.19	3.54	1.22	3.54	1.12	3.64
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	9	1.03	3.68	0.88	3.74	1.01	3.74	1.20	3.72	1.24	3.72	1.14	3.82
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	10	1.02	3.61	0.87	3.67	1.00	3.66	1.18	3.64	1.22	3.64	1.12	3.74
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	13	1.01	3.71	0.87	3.78	1.00	3.77	1.19	3.74	1.22	3.75	1.12	3.85
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	14	1.02	3.68	0.87	3.74	1.00	3.73	1.18	3.70	1.22	3.70	1.12	3.79
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	15	1.09	4.31	0.95	4.38	1.10	4.38	1.32	4.37	1.36	4.40	1.25	4.53
MF-CAM LED Reflector Lamp	Resource	Lighting	MF	E	16	0.97	3.68	0.85	3.73	0.98	3.72	1.16	3.69	1.19	3.69	1.09	3.77
MF-CAM MSHHP - RAC Elect Heat	Resource	HVAC	MF	E	6	N/A	N/A	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06

MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	8	N/A	N/A	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	9	N/A	N/A	0.10	0.11	0.10	0.11	0.11	0.11	0.11	0.12	0.11	0.12
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	10	N/A	N/A	0.11	0.13	0.12	0.13	0.13	0.13	0.13	0.14	0.13	0.14
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	13	N/A	N/A	0.17	0.19	0.18	0.20	0.19	0.20	0.19	0.21	0.20	0.22
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	14	N/A	N/A	0.27	0.35	0.29	0.36	0.31	0.37	0.32	0.38	0.33	0.40
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	15	N/A	N/A	0.17	0.19	0.18	0.20	N/A	0.18	0.20	0.19	0.21	0.19
MF-CAM MSHP - RAC Elect Heat	Resource	HVAC	MF	E	16	N/A	N/A	0.16	0.18	0.17	0.19	0.19	0.17	0.19	0.20	0.18	0.20
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	6	0.10	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	8	0.19	0.19	0.16	0.19	0.17	0.19	0.18	0.19	0.18	0.20	0.18	0.20
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	9	0.21	0.20	0.18	0.21	0.18	0.21	0.19	0.21	0.19	0.21	0.20	0.22
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	10	0.18	0.17	0.15	0.17	0.15	0.17	0.16	0.17	0.16	0.17	0.16	0.18
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	13	0.48	0.65	0.43	0.65	0.46	0.66	0.50	0.67	0.51	0.68	0.50	0.69
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	14	0.56	0.88	0.53	0.90	0.57	0.91	0.63	0.92	0.65	0.94	0.63	0.96
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	15	0.62	1.06	0.58	1.07	0.64	1.08	0.71	1.10	0.73	1.12	0.70	1.14
MF-CAM Smart Thermostat	Resource	HVAC	MF	E	16	0.25	0.22	0.19	0.22	0.20	0.23	0.20	0.23	0.21	0.23	0.21	0.24
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	6	N/A	N/A	0.11	0.05	0.13	0.05	0.15	0.05	0.16	0.05	0.17	0.06
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	8	N/A	N/A	0.11	0.05	0.13	0.05	0.15	0.05	0.15	0.05	0.17	0.06
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	9	N/A	N/A	0.15	0.10	0.18	0.10	0.20	0.11	0.20	0.11	0.22	0.11
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	10	N/A	N/A	0.24	0.21	0.27	0.22	0.30	0.23	0.31	0.23	0.32	0.24
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	13	N/A	N/A	0.21	0.17	0.23	0.18	0.26	0.18	0.27	0.19	0.29	0.19
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	14	N/A	N/A	0.29	0.29	0.32	0.30	0.35	0.31	0.36	0.31	0.38	0.33
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	15	N/A	N/A	0.21	0.17	0.23	0.17	0.26	0.18	0.27	0.18	0.28	0.19
MSHP - RAC Elect Heat	Resource	HVAC	SF	E	16	N/A	N/A	0.12	0.06	0.14	0.06	0.16	0.07	0.17	0.07	0.18	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	6	N/A	N/A	0.12	0.06	0.14	0.07	0.16	0.07	0.17	0.07	0.19	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	8	N/A	N/A	0.12	0.06	0.14	0.06	0.16	0.07	0.17	0.07	0.19	0.07
MSHP - RAC Gas	Non Resource	HVAC	SF	E	9	N/A	N/A	0.17	0.12	0.19	0.12	0.22	0.13	0.22	0.13	0.24	0.14
MSHP - RAC Gas	Non Resource	HVAC	SF	E	10	N/A	N/A	0.25	0.25	0.28	0.26	0.32	0.27	0.33	0.28	0.35	0.29
MSHP - RAC Gas	Non Resource	HVAC	SF	E	13	N/A	N/A	0.23	0.20	0.25	0.21	0.29	0.22	0.30	0.23	0.31	0.24
MSHP - RAC Gas	Non Resource	HVAC	SF	E	14	N/A	N/A	0.30	0.33	0.34	0.35	0.38	0.36	0.39	0.38	0.41	0.39
MSHP - RAC Gas	Non Resource	HVAC	SF	E	16	N/A	N/A	0.13	0.08	0.16	0.09	0.18	0.09	0.19	0.10	0.20	0.10
MSHP - RAC Gas	Resource	HVAC	SF	E	15	N/A	N/A	0.22	0.18	0.25	0.19	0.28	0.20	0.28	0.21	0.30	0.21
MSHP - RAC Propane	Non Resource	HVAC	SF	E	6	N/A	N/A	0.08	0.01	0.10	0.01	0.12	0.01	0.12	0.02	0.14	0.02
MSHP - RAC Propane	Non Resource	HVAC	SF	E	8	N/A	N/A	0.08	0.01	0.10	0.02	0.12	0.02	0.13	0.02	0.15	0.02
MSHP - RAC Propane	Non Resource	HVAC	SF	E	9	N/A	N/A	0.10	0.03	0.12	0.03	0.14	0.04	0.15	0.04	0.17	0.05
MSHP - RAC Propane	Non Resource	HVAC	SF	E	10	N/A	N/A	0.10	0.04	0.13	0.05	0.16	0.06	0.17	0.07	0.20	0.08
MSHP - RAC Propane	Non Resource	HVAC	SF	E	13	N/A	N/A	0.10	0.03	0.12	0.04	0.15	0.05	0.16	0.06	0.19	0.07
MSHP - RAC Propane	Non Resource	HVAC	SF	E	14	N/A	N/A	0.11	0.04	0.14	0.05	0.17	0.06	0.18	0.08	0.22	0.09
MSHP - RAC Propane	Non Resource	HVAC	SF	E	16	N/A	N/A	0.06	(0.01)	0.08	(0.01)	0.10	-	0.11	-	0.13	-
MSHP - RAC Propane	Resource	HVAC	SF	E	15	N/A	N/A	0.15	0.09	0.18	0.10	0.20	0.10	0.21	0.11	0.23	0.12
Portable AC	Non Resource	HVAC	MH	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	MH	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	MH	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Portable AC	Non Resource	HVAC	MF	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	MF	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	MF	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Portable AC	Non Resource	HVAC	SF	E	13	N/A	N/A	(1.68)	(1.75)	(1.68)	(1.77)	(1.69)	(1.79)	(1.71)	(1.82)	(1.74)	(1.86)
Portable AC	Non Resource	HVAC	SF	E	14	N/A	N/A	(2.48)	(2.54)	(2.49)	(2.58)	(2.51)	(2.61)	(2.55)	(2.66)	(2.60)	(2.72)
Portable AC	Non Resource	HVAC	SF	E	15	N/A	N/A	(2.33)	(2.40)	(2.34)	(2.42)	(2.35)	(2.45)	(2.38)	(2.49)	(2.42)	(2.55)
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	MH	E	16	N/A	N/A	0.81	1.44	0.92	1.42	1.06	1.39	1.09	1.38	1.09	1.41
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	MF	E	16	N/A	N/A	0.81	1.44	0.92	1.42	1.06	1.39	1.09	1.38	1.09	1.41
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	6	N/A	N/A	0.85	1.72	0.97	1.71	1.14	1.70	1.17	1.71	1.16	1.73
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	8	N/A	N/A	1.00	3.27	1.16	3.26	1.39	3.24	1.44	3.25	1.36	3.31
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	9	N/A	N/A	1.01	3.46	1.17	3.44	1.41	3.42	1.46	3.43	1.38	3.49
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	10	N/A	N/A	1.10	6.05	1.30	6.01	1.59	5.96	1.65	5.95	1.52	6.04
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	13	N/A	N/A	1.15	9.25	1.37	9.22	1.71	9.18	1.78	9.21	1.61	9.36
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	14	N/A	N/A	1.18	13.03	1.42	13.03	1.78	13.02	1.86	13.09	1.67	13.35
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	15	N/A	N/A	1.20	16.61	1.44	16.57	1.82	16.52	1.90	16.57	1.70	16.85
Refrigerant Charge Adjustment	Resource	Maintenance	SF	E	16	N/A	N/A	0.81	1.44	0.92	1.42	1.06	1.39	1.09	1.38	1.09	1.41

Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	6	0.76	1.16	0.86	1.16	1.00	1.17	1.20	1.17	1.24	1.18	1.29	1.20
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	8	0.80	1.30	0.88	1.31	1.03	1.32	1.24	1.32	1.28	1.33	1.31	1.36
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	9	0.80	1.26	0.88	1.27	1.02	1.28	1.22	1.28	1.27	1.29	1.30	1.32
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	10	0.80	1.31	0.88	1.32	1.03	1.32	1.23	1.33	1.27	1.33	1.31	1.36
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	13	0.79	1.29	0.87	1.30	1.01	1.30	1.21	1.31	1.26	1.31	1.29	1.34
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	14	0.79	1.29	0.87	1.30	1.01	1.31	1.21	1.31	1.26	1.31	1.29	1.34
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	15	0.86	1.52	0.93	1.53	1.09	1.54	1.31	1.55	1.36	1.56	1.38	1.60
Smart Power Strip Tier 2	Resource	Miscellaneous	MH	E	16	0.72	1.03	0.80	1.03	0.93	1.03	1.12	1.03	1.16	1.02	1.20	1.04
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	6	0.75	1.12	0.85	1.13	0.99	1.13	1.18	1.13	1.22	1.14	1.27	1.16
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	8	0.77	1.19	0.87	1.20	1.01	1.21	1.21	1.21	1.25	1.22	1.29	1.24
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	9	0.78	1.22	0.87	1.23	1.01	1.23	1.21	1.24	1.25	1.24	1.29	1.27
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	10	0.78	1.24	0.86	1.25	1.01	1.25	1.21	1.26	1.25	1.26	1.29	1.28
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	13	0.77	1.22	0.85	1.22	1.00	1.23	1.19	1.23	1.24	1.23	1.27	1.26
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	14	0.78	1.24	0.86	1.25	1.00	1.26	1.20	1.26	1.25	1.26	1.28	1.29
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	15	0.85	1.46	0.92	1.47	1.08	1.48	1.29	1.49	1.34	1.50	1.36	1.54
Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	16	0.72	1.00	0.80	1.01	0.94	1.01	1.12	1.00	1.16	1.00	1.21	1.02
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	6	0.73	1.09	0.83	1.10	0.96	1.10	1.16	1.10	1.19	1.10	1.24	1.12
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	8	0.75	1.16	0.84	1.16	0.98	1.16	1.18	1.17	1.22	1.17	1.26	1.19
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	9	0.76	1.16	0.84	1.16	0.98	1.16	1.17	1.16	1.21	1.16	1.25	1.19
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	10	0.74	1.15	0.83	1.16	0.96	1.16	1.15	1.15	1.19	1.15	1.23	1.17
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	13	0.75	1.18	0.82	1.18	0.96	1.18	1.15	1.18	1.19	1.18	1.23	1.20
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	14	0.75	1.19	0.82	1.19	0.96	1.19	1.15	1.19	1.19	1.19	1.22	1.21
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	15	0.83	1.42	0.90	1.43	1.05	1.44	1.26	1.44	1.31	1.45	1.34	1.48
Smart Power Strip Tier 2	Resource	Miscellaneous	SF	E	16	0.70	0.97	0.78	0.97	0.90	0.96	1.08	0.96	1.12	0.95	1.17	0.96
Smart Thermostat	Resource	HVAC	MH	E	6	0.49	0.69	0.63	0.70	0.71	0.70	0.80	0.71	0.84	0.72	0.88	0.74
Smart Thermostat	Resource	HVAC	MH	E	8	0.62	1.03	0.73	1.04	0.82	1.05	0.94	1.06	0.98	1.08	1.00	1.11
Smart Thermostat	Resource	HVAC	MH	E	9	0.57	0.85	0.68	0.86	0.77	0.87	0.87	0.88	0.91	0.90	0.94	0.92
Smart Thermostat	Resource	HVAC	MH	E	10	0.73	1.51	0.82	1.52	0.93	1.53	1.08	1.55	1.13	1.57	1.12	1.60
Smart Thermostat	Resource	HVAC	MH	E	13	0.80	1.99	0.89	2.01	1.02	2.03	1.19	2.06	1.25	2.09	1.22	2.14
Smart Thermostat	Resource	HVAC	MH	E	14	0.76	1.74	0.86	1.76	0.98	1.79	1.14	1.81	1.20	1.84	1.18	1.89
Smart Thermostat	Resource	HVAC	MH	E	15	0.95	3.84	1.03	3.88	1.20	3.92	1.45	3.97	1.51	4.04	1.42	4.13
Smart Thermostat	Resource	HVAC	MH	E	16	0.32	0.31	0.48	0.31	0.53	0.31	0.59	0.31	0.63	0.32	0.70	0.33
Smart Thermostat	Resource	HVAC	MF	E	6	0.11	0.09	0.35	0.10	0.40	0.10	0.45	0.10	0.48	0.10	0.57	0.10
Smart Thermostat	Resource	HVAC	MF	E	8	0.20	0.20	0.42	0.20	0.47	0.20	0.52	0.20	0.56	0.21	0.64	0.21
Smart Thermostat	Resource	HVAC	MF	E	9	0.22	0.21	0.43	0.22	0.48	0.22	0.53	0.22	0.57	0.22	0.65	0.23
Smart Thermostat	Resource	HVAC	MF	E	10	0.18	0.17	0.41	0.18	0.45	0.18	0.51	0.18	0.54	0.18	0.62	0.19
Smart Thermostat	Resource	HVAC	MF	E	13	0.49	0.68	0.63	0.69	0.71	0.69	0.79	0.70	0.84	0.71	0.88	0.73
Smart Thermostat	Resource	HVAC	MF	E	14	0.58	0.93	0.70	0.94	0.79	0.95	0.90	0.97	0.95	0.98	0.97	1.01
Smart Thermostat	Resource	HVAC	MF	E	15	0.63	1.12	0.75	1.13	0.85	1.14	0.97	1.15	1.01	1.17	1.03	1.20
Smart Thermostat	Resource	HVAC	MF	E	16	0.26	0.24	0.44	0.24	0.49	0.24	0.55	0.24	0.58	0.24	0.66	0.25
Smart Thermostat	Resource	HVAC	SF	E	6	0.32	0.36	0.51	0.37	0.56	0.37	0.63	0.37	0.67	0.38	0.73	0.39
Smart Thermostat	Resource	HVAC	SF	E	8	0.56	0.85	0.68	0.86	0.77	0.87	0.87	0.88	0.91	0.89	0.94	0.92
Smart Thermostat	Resource	HVAC	SF	E	9	0.51	0.68	0.63	0.69	0.71	0.70	0.80	0.71	0.84	0.72	0.88	0.73
Smart Thermostat	Resource	HVAC	SF	E	10	0.59	0.95	0.71	0.96	0.80	0.96	0.90	0.97	0.95	0.99	0.97	1.01
Smart Thermostat	Resource	HVAC	SF	E	13	0.67	1.23	0.77	1.24	0.87	1.25	1.00	1.27	1.05	1.29	1.06	1.32
Smart Thermostat	Resource	HVAC	SF	E	14	0.85	2.50	0.94	2.53	1.09	2.56	1.29	2.59	1.35	2.64	1.29	2.70
Smart Thermostat	Resource	HVAC	SF	E	15	0.90	3.00	0.98	3.03	1.14	3.07	1.36	3.10	1.42	3.15	1.35	3.22
Smart Thermostat	Resource	HVAC	SF	E	16	0.12	0.09	0.35	0.10	0.40	0.10	0.45	0.10	0.48	0.10	0.57	0.10
TSV	Resource	Domestic Hot Water	MH	E	8	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.10	1.23	1.12	N/A	N/A
TSV	Resource	Domestic Hot Water	MH	E	10	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.09	1.23	1.11	N/A	N/A
TSV	Resource	Domestic Hot Water	MF	E	6	0.88	1.08	0.86	1.10	1.00	1.13	1.20	1.15	1.24	1.18	1.31	1.22
TSV	Resource	Domestic Hot Water	MF	E	8	0.86	1.03	0.85	1.05	0.99	1.07	1.19	1.10	1.23	1.12	1.30	1.17
TSV	Resource	Domestic Hot Water	MF	E	9	0.86	1.03	0.85	1.05	0.99	1.07	1.19	1.10	1.23	1.12	1.30	1.16
TSV	Resource	Domestic Hot Water	MF	E	10	0.85	1.02	0.85	1.04	0.99	1.06	1.19	1.09	1.23	1.11	1.30	1.15
TSV	Resource	Domestic Hot Water	MF	E	13	N/A	N/A	N/A	N/A	N/A	N/A	1.19	1.09	1.23	1.12	1.30	1.16
TSV	Resource	Domestic Hot Water	MF	E	14	0.87	1.06	0.86	1.08	1.00	1.10	1.20	1.13	1.24	1.15	1.30	1.19
TSV	Resource	Domestic Hot Water	MF	E	15	N/A	N/A	N/A	N/A	N/A	N/A	1.10	0.79	1.14	0.81	1.23	0.84
TSV	Resource	Domestic Hot Water	SF	E	6	0.85	1.01	0.85	1.03	0.99	1.06	1.18	1.08	1.23	1.11	1.30	1.15
TSV	Resource	Domestic Hot Water	SF	E	8	0.83	0.97	0.84	0.98	0.98	1.01	1.17	1.03	1.21	1.06	1.29	1.09
TSV	Resource	Domestic Hot Water	SF	E	9	0.83	0.96	0.84	0.98	0.98	1.01	1.17	1.03	1.21	1.05	1.29	1.09
TSV	Resource	Domestic Hot Water	SF	E	10	0.83	0.96	0.84	0.98	0.98	1.00	1.17	1.02	1.21	1.04	1.28	1.08
TSV	Resource	Domestic Hot Water	SF	E	13	0.83	0.96	0.84	0.98	0.98	1.00	1.17	1.02	1.21	1.05	1.28	1.08
TSV	Resource	Domestic Hot Water	SF	E	14	0.84	0.99	0.85	1.01	0.98	1.03	1.18	1.06	1.22	1.08	1.29	1.12
TSV	Resource	Domestic Hot Water	SF	E	15	0.70	0.70	0.78	0.71	0.91	0.73	1.09	0.75	1.12	0.76	1.22	0.79
TSV	Resource	Domestic Hot Water	SF	E	16	0.93	1.24	0.89	1.27	1.03	1.29	1.24	1.32	1.29	1.36	1.34	1.40
TSV/Showerhead Combined	Resource	Domestic Hot Water	MH	E	8	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.45	1.01	0.46	N/A	N/A
TSV/Showerhead Combined	Resource	Domestic Hot Water	MH	E	10	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.44	1.00	0.45	N/A	N/A
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	6	0.52	0.44	0.71	0.45	0.82	0.46	0.98	0.47	1.01	0.48	1.15	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	8	0.51	0.42	0.70	0.43	0.81	0.44	0.97	0.45	1.01	0.46	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	9	0.51	0.42	0.70	0.43	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	10	0.50	0.41	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	13	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.44	1.00	0.45	1.14	0.47

TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	14	0.52	0.43	0.70	0.44	0.82	0.45	0.98	0.46	1.01	0.47	1.14	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	MF	E	15	N/A	N/A	N/A	N/A	N/A	N/A	0.92	0.32	0.95	0.33	1.10	0.34
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	6	0.52	0.44	0.71	0.45	0.82	0.46	0.98	0.47	1.01	0.48	1.15	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	8	0.51	0.42	0.70	0.43	0.81	0.44	0.97	0.45	1.01	0.46	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	9	0.51	0.42	0.70	0.43	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	10	0.50	0.41	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	13	0.50	0.42	0.70	0.42	0.81	0.43	0.97	0.44	1.00	0.45	1.14	0.47
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	14	0.52	0.43	0.70	0.44	0.82	0.45	0.98	0.46	1.01	0.47	1.14	0.49
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	15	0.40	0.30	0.66	0.31	0.77	0.31	0.92	0.32	0.95	0.33	1.10	0.34
TSV/Showerhead Combined	Resource	Domestic Hot Water	SF	E	16	0.60	0.54	0.74	0.55	0.86	0.56	1.02	0.57	1.06	0.59	1.18	0.61

* Include chart pertaining to each proposed measure, with information included on type of home (ie. Single Family, Multi Family, Mobile Home) and electric or gas (if applicable).

** Charts to include information on each climate zone in utility service area.

[1] No Non-Energy Benefits are allocated to the Multi Family common area measures

**Table A-9 Non Weather
Energy Savings Assistance Program Cost-Effectiveness - Non Weather Sensitive Measures
Southern California Edison**

Measure*	R=Resource E= Equity	Measure Group	Type of Home (SF,MH,MF)	Electric or Gas (E,G)	2021		2022		2023		2024		2025		2026	
					ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin	ESACET [1]	Resource Test w/o Admin
Attic Insulation	Resource	Enclosure	MF	E	N/A	N/A	N/A	N/A	N/A	N/A	0.42	0.30	0.43	0.30	N/A	N/A
Attic Insulation	Resource	Enclosure	SF	E	N/A	N/A	0.28	0.19	0.31	0.20	0.35	0.20	0.36	0.21	0.40	0.21
Central AC Replacement	Resource	HVAC	MH	E	0.17	0.15	0.18	0.15	0.19	0.15	0.20	0.15	0.21	0.16	0.22	0.16
Central AC Replacement	Resource	HVAC	MF	E	0.06	0.01	0.18	0.15	0.19	0.15	0.20	0.15	0.21	0.16	0.22	0.16
Central AC Replacement	Resource	HVAC	SF	E	0.17	0.15	0.06	0.01	0.07	0.01	0.08	0.02	0.09	0.02	0.10	0.02
Central AC Tune Up	Resource	Maintenance	MH	E	N/A	N/A	0.39	0.14	0.44	0.14	0.51	0.14	0.53	0.13	0.61	0.14
Central AC Tune Up	Non Resource	Maintenance	MF	E	N/A	N/A	0.29	N/A	0.34	-	0.41	N/A	0.43	N/A	0.52	N/A
Central AC Tune Up	Resource	Maintenance	SF	E	N/A	N/A	0.39	0.14	0.44	0.14	0.51	0.14	0.53	0.13	0.61	0.14
Central HP Replacement	Resource	HVAC	MH	E	N/A	N/A	N/A	N/A	N/A	N/A	0.39	0.24	0.40	0.25	0.44	0.26
Central HP Replacement	Resource	HVAC	MF	E	0.01	-	0.14	-	0.16	-	0.20	-	0.20	-	0.25	-
Central HP Replacement	Resource	HVAC	SF	E	0.36	0.22	0.31	0.23	0.34	0.24	0.39	0.24	0.40	0.25	0.44	0.26
Clothes Washer	Resource	Appliance	MH	E	0.12	0.09	0.30	0.09	0.32	0.09	0.39	0.10	0.39	0.10	0.48	0.10
Clothes Washer	Resource	Appliance	MF	E	0.16	0.13	0.32	0.13	0.35	0.13	0.42	0.13	0.42	0.14	0.51	0.14
Clothes Washer	Resource	Appliance	SF	E	0.13	0.10	0.30	0.10	0.33	0.10	0.39	0.10	0.40	0.11	0.49	0.11
Dishwasher	Resource	Appliance	MH	E	N/A	N/A	0.28	0.07	0.31	0.07	0.37	0.07	0.38	0.08	0.46	0.08
Dishwasher	Resource	Appliance	MF	E	N/A	N/A	0.27	0.05	0.29	0.05	0.36	0.06	0.36	0.06	0.45	0.06
Dishwasher	Resource	Appliance	SF	E	N/A	N/A	0.29	0.08	0.31	0.08	0.38	0.08	0.38	0.08	0.47	0.09
Envelope Air Sealing	Resource	Enclosure	MH	E	0.47	0.49	0.45	0.50	0.49	0.51	0.55	0.52	0.57	0.53	0.60	0.54
Envelope Air Sealing	Non Resource	Enclosure	MF	E	N/A	N/A	0.12	N/A	0.15	N/A	0.18	N/A	0.19	N/A	0.23	N/A
Envelope Air Sealing	Resource	Enclosure	SF	E	0.47	0.49	0.45	0.50	0.49	0.51	0.55	0.52	0.57	0.53	0.60	0.54
Evaporative Cooler Install	Resource	HVAC	MH	E	0.53	0.62	0.57	0.62	0.64	0.63	0.74	0.64	0.76	0.66	0.80	0.67
Evaporative Cooler Install	Resource	HVAC	SF	E	0.53	0.62	0.57	0.62	0.64	0.63	0.74	0.64	0.76	0.66	0.80	0.67
Freezer	Resource	Appliance	MH	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
Freezer	Resource	Appliance	MF	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
Freezer	Resource	Appliance	SF	E	0.65	0.79	0.63	0.80	0.70	0.82	0.81	0.84	0.83	0.86	0.87	0.89
HP Clothes Dryer Elect	Resource	Appliance	SF	E	N/A	N/A	0.31	0.11	0.34	0.11	0.40	0.11	0.41	0.12	0.49	0.12
HP Clothes Dryer Gas	Non Resource	Appliance	SF	E	N/A	N/A	0.17	(0.04)	0.20	(0.04)	0.26	(0.03)	0.27	(0.03)	0.35	(0.03)
HP Clothes Dryer Propane	Non Resource	Appliance	SF	E	N/A	N/A	0.10	(0.13)	0.12	(0.13)	0.19	(0.12)	0.19	(0.12)	0.28	(0.12)
Inductive Range-Electric Range	Resource	Appliance	SF	E	N/A	N/A	0.23	0.01	0.26	0.01	0.32	0.01	0.32	0.01	0.41	0.01
Inductive Range-Gas Range	Non Resource	Appliance	SF	E	N/A	N/A	0.21	(0.01)	0.23	(0.01)	0.29	(0.01)	0.30	(0.01)	0.39	(0.01)
Inductive Range-Propane Range	Non Resource	Appliance	SF	E	N/A	N/A	0.19	(0.04)	0.21	(0.04)	0.27	(0.04)	0.28	(0.04)	0.37	(0.04)
Inductive Range-Wood Stove	Non Resource	Appliance	SF	E	N/A	N/A	0.24	0.03	0.26	0.03	0.33	0.03	0.34	0.04	0.42	0.04
LED Exterior Fixture	Resource	Lighting	SF	E	0.26	0.22	0.27	0.23	0.30	0.24	0.33	0.24	0.34	0.25	0.37	0.26
LED T8 UL Type A	Resource	Lighting	MF	E	N/A	N/A	0.28	0.24	0.31	0.24	0.34	0.24	0.35	0.24	0.38	0.25
MF-CAM Attic Insulation	Resource	Enclosure	MF	E	0.30	0.28	0.23	0.28	0.24	0.29	0.26	0.30	0.27	0.30	0.27	0.31
MF-CAM Central AC Replacement	Resource	HVAC	MF	E	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
MF-CAM Central HP Replacement	Resource	HVAC	MF	E	-	-	-	-	-	-	-	-	-	-	-	-
MF-CAM Evaporative Cooler Install	Resource	HVAC	MF	E	0.50	0.59	0.41	0.59	0.43	0.60	0.47	0.61	0.48	0.62	0.47	0.64
MF-CAM Freezer	Resource	Appliance	MF	E	0.65	0.79	0.49	0.80	0.54	0.82	0.59	0.84	0.61	0.86	0.60	0.89
MF-CAM LED Ext Fixt 11-25W	Resource	Lighting	MF	E	0.59	0.71	0.46	0.73	0.50	0.75	0.55	0.76	0.57	0.78	0.56	0.81
MF-CAM LED Ext Fixt 26-41W	Resource	Lighting	MF	E	0.86	1.51	0.70	1.55	0.78	1.59	0.89	1.62	0.93	1.67	0.89	1.72
MF-CAM LED Ext Fixt 3.5-10W	Resource	Lighting	MF	E	0.27	0.23	0.20	0.23	0.21	0.24	0.22	0.24	0.22	0.25	0.23	0.26
MF-CAM LED PL Type Lamp	Resource	Lighting	MF	E	0.86	1.85	0.71	1.88	0.79	1.87	0.90	1.86	0.92	1.86	0.87	1.91
MF-CAM LED T8 UL Type A	Resource	Lighting	MF	E	0.89	1.92	0.72	1.94	0.81	1.95	0.93	1.96	0.96	1.98	0.90	2.04
MF-CAM LED T8 UL Type A Prkg	Resource	Lighting	MF	E	0.76	1.16	0.61	1.17	0.67	1.19	0.75	1.20	0.77	1.22	0.75	1.26
MF-CAM Pool Pump	Resource	Miscellaneous	MF	E	0.52	0.42	0.32	0.43	0.34	0.43	0.36	0.44	0.37	0.44	0.36	0.46
MF-CAM Refrigerator	Resource	Appliance	MF	E	0.59	0.65	0.44	0.66	0.47	0.68	0.51	0.69	0.53	0.71	0.52	0.74
MF-CAM Smart Power Strip Tier 2	Resource	Miscellaneous	MF	E	0.75	1.19	0.58	1.20	0.64	1.20	0.72	1.21	0.73	1.22	0.70	1.25
Other Hot Water	Non Resource	Domestic Hot Water	MH	E	N/A	N/A	0.31	N/A	0.37	N/A	0.46	N/A	0.47	N/A	0.57	N/A
Other Hot Water	Resource	Domestic Hot Water	MF	E	N/A	N/A	0.70	0.87	0.80	0.89	0.94	0.91	0.97	0.94	1.01	0.97
Other Hot Water	Non Resource	Domestic Hot Water	SF	E	0.79	0.86	0.31	N/A	0.37	N/A	0.46	N/A	0.47	N/A	0.57	N/A
Pool Pump	Resource	Miscellaneous	SF	E	0.59	0.52	0.63	0.52	0.72	0.53	0.84	0.53	0.87	0.54	0.95	0.55
Refrigerator	Resource	Appliance	MH	E	0.58	0.65	0.59	0.67	0.65	0.68	0.75	0.70	0.77	0.71	0.81	0.74
Refrigerator	Resource	Appliance	MF	E	0.59	0.68	0.60	0.70	0.66	0.71	0.76	0.73	0.78	0.75	0.83	0.77
Refrigerator	Resource	Appliance	SF	E	0.58	0.65	0.59	0.67	0.65	0.68	0.75	0.70	0.77	0.71	0.81	0.74
Room AC Replacement	Non Resource	HVAC	MH	E	(0.14)	(0.18)	(0.12)	(0.18)	(0.10)	(0.19)	(0.08)	(0.19)	(0.08)	(0.19)	(0.07)	(0.19)
Room AC Replacement	Non Resource	HVAC	MF	E	0.05	-	0.07	N/A	0.08	N/A	0.10	N/A	0.11	N/A	0.12	N/A
Room AC Replacement	Non Resource	HVAC	SF	E	(0.14)	(0.18)	(0.12)	(0.18)	(0.10)	(0.19)	(0.08)	(0.19)	(0.08)	(0.19)	(0.07)	(0.19)
Tank and Pipe Insulation	Non Resource	Domestic Hot Water	MH	E	N/A	N/A	0.09	N/A	0.14	N/A	0.23	N/A	0.19	N/A	0.23	N/A

Tank and Pipe Insulation	Resource	Domestic Hot Water	MF	E	0.71	0.72	0.52	0.73	0.60	0.74	0.71	0.75	0.70	0.76	0.71	0.79
Tank and Pipe Insulation	Non Resource	Domestic Hot Water	SF	E	N/A	N/A	0.09	N/A	0.14	N/A	0.23	N/A	0.19	N/A	0.23	N/A

[1] No Non-Energy Benefits are allocated to the Multi Family common area measures