

**Table A.5**  
Utilities' Efficiency Program Electric Energy Savings

Utility	Efficiency Program	Gross GWh										Net GWh				TOTAL
		2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022				
PG&E	California New Homes Multifamily		2.5	2.4	1.3	0.7	0.2	0.1	-0.2	-0.01	0.1	0.1	0.0	7		
PG&E	Local Government Energy Action Resources (LGEAR)	1.9	8.0	12.5	19.0	12.0	4.3	0.4	3.7	8.8	3.0	0.7	74			
SCE	Comprehensive Manufactured Homes		2.7	3.8	10.5	8.3	11.2	3.5	1.5	0.7	0.1	0.7	43			
SDG&E	SW-COM Direct Install	15.8	13.4	18.7	18.7	26.9	13.6	13.9	11.5	5.8	0.7	0.2	139			
SDG&E	SW-AG-Calculated Incentives-Calculated	0.5	0.0	0.2		0.0	0.0	0.0	0.2	0.03	0.0	0.0	1			
PG&E	Residential New Construction							0.5	0.2	0.1	0.0	-0.02	1			
PG&E	University of California/California State University							1.5	1.1	1.2	2.6	0.1	6			
SCE	Residential Direct Install Program							7.4	2.5	1.9	0.6	3.2	16			
PG&E	RES-Residential Energy Efficiency Program							1.8	1.8	0.4	0.1	0.4	5			
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							52.2	33.5	47.7	42.3	37.8	213			

Source: CPUC data.

Note: Totals may differ slightly due to rounding. During our audit period, from 2012 through 2017, the CPUC measured energy savings on a gross basis. This means measuring the amount of energy savings without considering the reasons for participation in the efficiency program. From 2018 through 2022, the CPUC shifted to measuring energy savings on a net basis. This means measuring the amount of energy savings directly caused by the efficiency program. Additionally, an efficiency program that results in positive natural gas energy savings may inadvertently lead to an increase in electric usage. Consequently, some efficiency programs report their electric energy savings as negative.

\* For 2012 through 2017, indicates the program did not operate in the corresponding year. For 2018 through 2022, our review focused on the performance of programs during this timeframe.

\* The 2016 efficiency program data represent utilities' claimed energy savings without independent verification. For the remaining years, the CPUC had an independent consulting firm evaluate utilities' claimed energy savings for accuracy but did not verify 100 percent of the data.

Utilities' Efficiency Program Total Resource Cost Value

Utility	Efficiency Program	2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022
PG&E	California New Homes Multifamily		2.14	2.52	2.42	0.72	0.72	0.46	0.35	0.25	0.26	NA
PG&E	Local Government Energy Action Resources (LGEAR)	0.28	0.75	0.91	0.76	0.68	0.38	0.13	0.55	0.29	0.22	NA
SCE	Comprehensive Manufactured Homes		0.40	0.76	0.88	1.47	1.26	0.96	0.30	0.36	0.09	1.08
SDG&E	SW-COM Direct Install	0.77	0.99	1.04	1.09	1.99	1.67	0.63	0.56	0.42	0.18	0.44
SDG&E	SW-AG-Calculated Incentives-Calculated	0.20	0.29	0.34		0.00	0.00	0.00	0.25	0.05	0.00	0.00
PG&E	Residential New Construction							0.51	0.39	0.17	0.24	NA
PG&E	University of California/California State University							0.39	0.13	0.12	0.18	0.03
SCE	Residential Direct Install Program							0.83	0.25	0.23	0.09	1.06
PG&E	RES-Residential Energy Efficiency Program							1.05	0.41	0.39	0.56	0.70
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							1.48	0.66	1.31	1.38	1.20

Source: CPUC data, decisions.

\* The 2016 efficiency program data represent utilities' claimed energy savings without independent verification. For the remaining years, the CPUC had an independent consulting firm evaluate utilities' claimed energy savings for accuracy but did not verify 100 percent of the data.

NA = Starting in 2022, the CPUC does not determine the cost-effectiveness of market support or equity programs.

= For 2012 through 2017, indicates the program did not operate in the corresponding year. For 2018 through 2022, our review focused on the performance of programs during this timeframe.

**Indicates that the utility's efficiency program was cost-effective in that year.**

= Equal to or greater than 1.0

= 0.81 through 0.99

= 0.51 through 0.80

= 0.34 through 0.50

= 0 through 0.33

**Indicates that the utility's efficiency program in that year was not cost-effective, as it fell short of achieving a TRC value of 1 or higher.**

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Utilities' Efficiency Program Greenhouse Reductions (metric tons of Carbon Dioxide (CO2) equivalent)

Utility	Efficiency Program	2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022	TOTAL
PG&E	California New Homes Multifamily		1,042	1,044	579	288	110	41	-114	-4	30	7	3,023
PG&E	Local Government Energy Action Resources (LGEAR)	701	2,529	4,056	5,366	4,400	1,236	207	1,661	3,106	707	163	24,133
SCE	Comprehensive Manufactured Homes		1,303	1,738	4,134	3,054	4,587	1,861	705	276	39	191	17,887
SDG&E	SW-COM Direct Install	6,539	4,695	6,435	6,692	7,873	4,097	6,089	4,618	1,665	141	54	48,898
SDG&E	SW-AG-Calculated Incentives-Calculated	140	0	65		0	0	0	83	9	0	0	296
PG&E	Residential New Construction							270	86	30	4	-7	383
PG&E	University of California/California State University							726	496	411	635	20	2,288
SCE	Residential Direct Install Program							3,904	1,156	724	168	908	6,859
PG&E	RES-Residential Energy Efficiency Program							1,131	1,077	184	27	109	2,528
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							25,548	15,624	17,934	10,162	9,482	78,750

Source: CPUC data.

Note: Totals may differ slightly due to rounding.

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■ = For 2012 through 2017, indicates the program did not operate in the corresponding year. For 2018 through 2022, our review focused on the performance of programs during this timeframe.

Utilities Efficiency Program Participant Total Annual Bill Savings

Utility	Efficiency Program	2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022	TOTAL
PG&E	California New Homes Multifamily		\$286,084	\$307,449	\$179,195	\$99,531	\$37,587	\$14,045	-\$45,313	-\$1,183	\$27,489	\$7,604	\$912,488
PG&E	Local Government Energy Action Resources (LGEAR)	\$197,158	780,940	1,437,219	1,952,802	1,611,155	485,502	83,793	771,735	1,961,091	689,470	182,377	10,153,242
SCE	Comprehensive Manufactured Homes		376,699	526,908	1,283,431	854,665	1,239,209	576,194	239,726	114,577	25,205	120,701	5,357,315
SDG&E	SW-COM Direct Install	1,447,028	1,249,141	2,967,019	3,016,454	4,063,384	2,314,771	3,298,722	2,830,135	1,391,094	178,262	72,670	22,828,678
SDG&E	SW-AG-Calculated Incentives-Calculated	31,810	0	28,573		0	0	0	44,871	6,035	0	0	111,290
PG&E	Residential New Construction							96,524	33,238	14,894	2	2	144,660
PG&E	University of California/California State University							289,219	230,344	261,316	605,023	21,779	1,407,681
SCE	Residential Direct Install Program							1,202,478	404,674	309,410	108,557	567,288	2,592,406
PG&E	RES-Residential Energy Efficiency Program							0	0	0	0	0	0
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							12,380,105	8,228,759	11,455,183	11,509,904	11,606,791	55,180,741

Source: CPUC data.

Note: Totals may differ slightly due to rounding. For each efficiency program, we multiplied the electric energy savings by the utility's reported average electric rate for that year. The amount represents an estimate of efficiency program participants' total annual bill savings.

\* The 2016 efficiency program data represent utilities' claimed energy savings without independent verification. For the remaining years, the CPUC had an independent consulting firm evaluate utilities' claimed energy savings for accuracy but did not verify 100 percent of the data.

■ = For 2012 through 2017, indicates the program did not operate in the corresponding year. For 2018 through 2022, our review focused on the performance of programs during this timeframe.