

Table A.6
Utilities' Efficiency Program Natural Gas Energy Savings

Utility	Efficiency Program	Gross MMT _{therm}										Net MMT _{therm}					TOTAL	
		2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022						
PG&E	Local Government Energy Action Resources (LGEAR)	-0.004	-0.01	-0.05	-0.11	-0.07	-0.005	0.00	-0.01	-0.02	-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.004	-0.30
PG&E	Commercial Deemed Incentives	0.80	1.90	2.33	2.05	1.90	2.31	1.69	1.40	1.82	1.40	1.69	1.82	1.27	1.82	1.27	0.23	17.67
PG&E	Industrial Calculated Incentives	6.60	5.25	2.06	2.49	2.51	3.89	0.28	0.67	0.02	0.67	0.28	0.02	5.01	0.02	5.01	0.00	28.78
SDG&E	SW-AG-Deemed Incentives			0.18	0.19	0.12	0.06	-0.001	0.02	0.01	0.02	-0.001	0.01	0.00	0.01	0.00	0.00	0.57
SDG&E	SW-IND-Deemed Incentives	0.01	-0.002	0.01	0.02	0.05	-0.002	-0.004	-0.01	0.01	-0.01	-0.004	0.01	-0.004	0.01	-0.004	0.01	0.08
PG&E	Residential Energy Efficiency							0.22	0.03	0.02	0.03	0.06	0.02	0.10	0.02	0.10	0.10	0.45
SCE	Residential Direct Install Program							0.06	0.02	0.02	0.02	0.06	0.02	0.06	0.02	0.06	0.09	0.25
SoCalGas	RES-Residential Energy Efficiency Program							3.05	0.68	0.96	0.68	3.05	0.96	1.52	0.96	1.52	1.86	8.07
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							1.20	0.91	1.18	0.91	1.20	1.18	0.68	1.18	0.68	0.53	4.50
SDG&E	SW-COM-Calculated Incentives-Calculated							0.18	0.01	0.04	0.01	0.18	0.04	0.06	0.04	0.06	0.00	0.29

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 electric energy savings may inadvertently lead to an increase in natural gas usage. Consequently, some efficiency programs report their natural gas energy savings as negative.

* 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.

Utilities' Efficiency Program Total Resource Cost Value

Utility	Efficiency Program	2012	2013	2014	2015	2016*	2017	2018	2019	2020	2021	2022
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
PG&E	Commercial Deemed Incentives	1.25	2.69	3.14	1.17	0.82	1.03	1.17	1.14	0.78	0.78	0.29
PG&E	Industrial Calculated Incentives	1.5	1.25	1.40	0.74	2.12	2.21	0.48	0.75	0.18	3.39	0.00
SDG&E	SW-AG-Deemed Incentives			0.99	1.26	1.10	0.34	0.06	0.32	0.21	0.00	0.00
SDG&E	SW-IND-Deemed Incentives	1.34	1.08	1.01	0.6	0.74	0.29	0.40	0.53	0.92	0.14	0.95
PG&E	Residential Energy Efficiency							0.60	0.18	0.21	0.46	0.70
SCE	Residential Direct Install Program							0.83	0.25	0.23	0.09	1.06
SoCalGas	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
SDG&E	SW-COM-Calculated Incentives-Calculated							0.58	0.34	0.36	0.15	-0.12†

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.

† This efficiency program has negative electric benefits and zero natural gas benefits. We calculated the total of natural gas and electric benefits, then divided by the costs. As a result, the efficiency program reports a negative cost-effectiveness value.

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

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.

■ = 0.81 through 0.99

■ = 0.51 through 0.80

■ = 0.34 through 0.50

■ = 0 through 0.33

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	Local Government Energy Action Resources (LGEAR)	-16	-32	-182	-361	-295	-15	0	-73	-141	-55	-22	-1,192
PG&E	Commercial Deemed Incentives	2,965	6,840	8,747	7,965	7,196	7,916	9,864	8,163	10,664	7,418	1,321	79,059
PG&E	Industrial Calculated Incentives	21,501	18,433	6,755	8,438	10,138	13,426	1,624	3,935	137	29,299	0	113,684
SDG&E	SW-AG-Deemed Incentives			652	681	458	256	-6	101	35	0	0	2,177
SDG&E	SW-IND-Deemed Incentives	16	-8	26	73	184	-5	-22	-42	43	-2	49	311
PG&E	Residential Energy Efficiency							1,259	159	96	558	580	2,653
SCE	Residential Direct Install Program							355	111	105	353	555	1,480
SoCalGas	RES-Residential Energy Efficiency Program							17,870	3,981	5,602	8,919	10,858	47,231
SDG&E	Local-IDSM-ME&O-Behavioral Programs (EE)							6,995	5,337	6,902	3,995	3,105	26,335
SDG&E	SW-COM-Calculated Incentives-Calculated							1,068	48	231	342	0	1,689

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.

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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	Local Government Energy Action Resources (LGEAR)	-\$3,336	-\$6,485	-\$45,703	-\$96,827	-\$77,529	-\$4,576	\$0	-\$20,199	-\$40,616	-\$17,394	-\$8,922	-\$321,586
PG&E	Commercial Deemed Incentives	631,929	1,527,640	1,863,716	104,914	1,827,006	2,089,320	2,571,521	2,252,855	3,082,666	2,357,140	534,260	18,842,968
PG&E	Industrial Calculated Incentives	4,583,151	3,919,854	1,441,012	1,915,293	2,574,109	3,543,450	423,258	1,085,922	39,467	9,310,431	0	28,835,948
SDG&E	SW-AG-Deemed Incentives			65,429	68,290	45,999	19,567	-292	24,318	5,918	0	0	229,227
SDG&E	SW-IND-Deemed Incentives	2,346	-1,024	2,582	1,740,305	18,477	-609	-1,117	-10,042	7,194	-489	12,944	1,770,569
PG&E	Residential Energy Efficiency							328,323	5,746	3,640	22,291	27,793	387,793
SCE	Residential Direct Install Program							0	0	0	0	0	0
SoCalGas	RES-Residential Energy Efficiency Program							3,360,260	803,941	1,245,934	2,550,873	3,481,567	11,442,576
SDG&E	Local-IDSME&O-Behavioral Programs (EE)							358,528	1,288,254	1,161,019	814,210	826,500	4,448,511
SDG&E	SW-COM-Calculated Incentives-Calculated							54,711	11,640	38,861	69,786	0	174,999

Source: CPUC data.

Note: Totals may differ slightly due to rounding. For each efficiency program, we multiplied the natural gas energy savings by the utility's reported average natural gas 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.