

Cost Effectiveness Results for Multifamily Electrification

Efficiency & PV Comparison							
Climate Zone	Average Annual Utility Bill Impact ¹			Lifetime Utility Bill Savings	Lifetime Equipment Cost Savings	On-bill BCR ²	TDV BCR
	Electricity	Natural Gas	Net Utility Cost				
01	-\$20	+\$197	+\$178	+\$5,327	-\$2,719	2.0	>1
02	-\$12	+\$165	+\$153	+\$4,594	-\$1,079	4.2	>1
03	-\$13	+\$145	+\$132	+\$3,948	-\$794	5.7	>1
04	-\$10	+\$146	+\$137	+\$3,948	-\$794	6.6	>1
05	-\$20	+\$143	+\$123	+\$3,659	-\$721	5.1	>1
06	+\$0	+\$155	+\$155	+\$4,659	-\$126	36.9	>1
07	-\$59	+\$135	+\$76	+\$2,943	-\$210	>1	>1
08	-\$0	+\$151	+\$151	+\$4,524	-\$169	>1	>1
09	+\$0	+\$153	+\$153	+\$4,577	-\$273	16.7	>1
10-SCE/SoCalGas	+\$0	+\$153	+\$153	+\$4,598	+\$46	>1	>1
10-SDGE	-\$79	+\$138	+\$59	+\$3,947	+\$46	>1	>1
11	-\$24	+\$149	+\$125	+\$3,947	-\$1,039	3.8	>1
12	-\$10	+\$149	+\$139	+\$4,363	-\$1,242	3.5	>1
13	-\$10	+\$149	+\$139	+\$3,735	-\$922	4.1	>1
14-SCE/SoCalGas	-\$0	+\$179	+\$179	+\$5,385	-\$829	6.5	>1
14-SDGE	-\$90	+\$173	+\$83	+\$2,488	-\$829	3.0	>1
15	-\$10	+\$136	+\$126	+\$4,091	+\$474	>1	>1
16	-\$20	+\$228	+\$208	+\$6,158	-\$1,752	3.5	>1

¹ Red values in parentheses indicate an increase in utility costs or an incremental first cost for the all-electric home.

² ">1" indicates cases where there are benefits (net cost savings and annual utility bill savings).