

Cost per kWh	Basic Rate	5% RECS	10% RECS	50% RECS	100% RECS	Previous Basic Rate
	\$ 0.10385	\$0.10546	\$ 0.10708	\$ 0.11998	\$ 0.13610	\$0.10430

Residential Example

	Unit cost per kWh	Assumed Annual Usage (kWh)	Total Annual Cost	Average Monthly Cost	Previous Annual Cost	Previous Average Monthly Cost
Basic Rate	\$ 0.103850	7,000	\$ 726.95	\$ 60.58	\$ 730.10	\$ 60.84
Incremental Added REC					Existing monthly cost	Difference in Monthly Cost
5%	\$ 0.105460	7,000	\$ 738.22	\$ 61.52	\$ 60.58	\$ 0.94
10%	\$ 0.107080	7,000	\$ 749.56	\$ 62.46	\$ 60.58	\$ 1.88
50%	\$ 0.119980	7,000	\$ 839.86	\$ 69.99	\$ 60.58	\$ 9.41
100%	\$ 0.136100	7,000	\$ 952.70	\$ 79.39	\$ 60.58	\$ 18.81

Small Business Example

	Unit cost per kWh	Assumed Annual Usage (kWh)	Total Annual Cost	Average Monthly Cost	Previous Annual Cost	Previous Average Monthly Cost
Basic Rate	\$ 0.103850	25,000	\$ 2,596.25	\$ 216.35	\$ 2,607.50	\$ 217.29
Incremental Added REC					Existing monthly cost	Difference in Monthly Cost
5%	\$ 0.105460	25,000	\$ 2,636.50	\$ 219.71	\$ 217.29	\$ 2.42
10%	\$ 0.107080	25,000	\$ 2,677.00	\$ 223.08	\$ 217.29	\$ 5.79
50%	\$ 0.119980	25,000	\$ 2,999.50	\$ 249.96	\$ 217.29	\$ 32.67
100%	\$ 0.136100	25,000	\$ 3,402.50	\$ 283.54	\$ 217.29	\$ 66.25

On average, small businesses are companies that use between 15,000 and 25,000 kilowatt-hours (kWh) annually, with lighting, heating, and cooling making up the bulk of the usage.

Medium Business Example

	Unit cost per kWh	Assumed Annual Usage (kWh)	Total Annual Cost	Average Monthly Cost	Previous Annual Cost	Previous Average Monthly Cost
Basic Rate	\$ 0.103850	50,000	\$ 5,192.50	\$ 432.71	\$ 5,215.00	\$ 434.58
Incremental Added REC					Existing monthly cost	Difference in Monthly Cost
5%	\$ 0.105460	50,000	\$ 5,273.00	\$ 439.42	\$ 434.58	\$ 4.83
10%	\$ 0.107080	50,000	\$ 5,354.00	\$ 446.17	\$ 434.58	\$ 11.58
50%	\$ 0.119980	50,000	\$ 5,999.00	\$ 499.92	\$ 434.58	\$ 65.33
100%	\$ 0.136100	50,000	\$ 6,805.00	\$ 567.08	\$ 434.58	\$ 132.50

On average, medium businesses are companies that use between 30,000 and 50,000 kilowatt-hours (kWh) annually, with lighting, heating, and cooling making up the bulk of the usage.

Large Commercial or Industrial Example

	Unit cost per kWh	Assumed Annual Usage (kWh)	Total Annual Cost	Average Monthly Cost	Previous Annual Cost	Previous Average Monthly Cost
Basic Rate	\$ 0.10385	2,100,000	\$ 218,085.00	\$ 18,173.75	\$ 219,030.00	\$ 18,252.50
Incremental Added REC					Existing monthly cost	Difference in Monthly Cost
5%	\$ 0.105460	2,100,000	\$ 221,466.00	\$ 18,455.50	\$ 18,173.75	\$ 281.75
10%	\$ 0.107080	2,100,000	\$ 224,868.00	\$ 18,739.00	\$ 18,173.75	\$ 565.25
50%	\$ 0.119980	2,100,000	\$ 251,958.00	\$ 20,996.50	\$ 18,173.75	\$ 2,822.75
100%	\$ 0.136100	2,100,000	\$ 285,810.00	\$ 23,817.50	\$ 18,173.75	\$ 5,643.75

Grocery stores in the US use an average of 52.5 kilowatt-hours (kWh) of electricity and 38,000 Btu of natural gas per square foot annually. In a typical **grocery**, refrigeration and lighting represent about 65% of total use (figure 1), making these systems the best targets for energy savings.

While the **average size of a grocery store** clocked in around 40,000 square feet a few years ago, many modern outlets are under 20,000 square feet—with some, such as Trader Joe's and Aldi, regularly measuring closer to 12,000.

Peaceful Paws Grooming

	Unit cost per kWh	Assumed Annual Usage (kWh)	Total Annual Cost	Average Monthly Cost	Previous Annual Cost	Previous Average Monthly Cost
Basic Rate	\$ 0.103850	4,530	\$ 470.44	\$ 39.20	\$ 472.48	\$ 39.37
Incremental Added REC					Existing monthly cost	Difference in Monthly Cost
5%	\$ 0.105460	4,530	\$ 477.73	\$ 39.81	\$ 39.37	\$ 0.44
10%	\$ 0.107080	4,530	\$ 485.07	\$ 40.42	\$ 39.37	\$ 1.05
50%	\$ 0.119980	4,530	\$ 543.51	\$ 45.29	\$ 39.37	\$ 5.92
100%	\$ 0.136100	4,530	\$ 616.53	\$ 51.38	\$ 39.37	\$ 12.00