

Energy Benchmarks



A&W's has established energy benchmarks to help each restaurant understand how much energy they use compared to an energy efficient A&W.

Step 1: Find a gas bill from July or August and a electricity bill from January. Selecting these months makes sure that your heating and Air Conditioning costs are not skewing the calculation.

Step 2: Find the daily average usage on the bill. Most bills have this broken out but occasionally you will be required to take the total bill's KWH and divide it by the number of days in the billing period. The daily average consumption is the best measure of how energy efficient you building is.

Step 3: Compare your daily average consumption to the Benchmark charts on the following pages.

Step 4: Complete the 2010 Restaurant Energy Audit to find ways to save energy and money!

Gas Benchmarks



Daily Average GJ used in July or August

Daily Gross Sales	Gas Fryers, Gas Grill, Gas Hot water	Gas Fryers, Gas Grill, Electric Hot water	Electric Fryer, Gas Grill and Electric Hot Water	Electric Fryer, Gas Grill, Gas Hot water
\$2,000.00	1.43	1.24	0.88	1.07
\$3,000.00	1.55	1.36	0.95	1.14
\$4,000.00	1.67	1.48	1.02	1.21
\$5,000.00	1.79	1.60	1.09	1.28
\$6,000.00	1.91	1.72	1.16	1.35
\$7,000.00	2.03	1.84	1.23	1.42

Daily Average Cubic Meters used in July or August

Daily Gross Sales	Gas Fryers, Gas Grill, Gas Hot water	Gas Fryers, Gas Grill, Electric Hot water	Electric Fryer, Gas Grill and Electric Hot Water	Electric Fryer, Gas Grill, Gas Hot water
\$2,000.00	38.4	33.3	23.6	28.7
\$3,000.00	41.7	36.6	25.4	30.5
\$4,000.00	44.9	39.8	27.3	32.4
\$5,000.00	48.1	43.0	29.2	34.3
\$6,000.00	51.3	46.2	31.1	36.2
\$7,000.00	54.5	49.4	32.9	38.0

Each 0.1 GJ or 2.5 Cubic Meters is approximately \$350 annually

Electric Benchmarks



Target Electrical consumption in January			
Annual Net Sales below \$1500000			
Gas Fryers, Gas Grill and Gas Hot water	Gas Fryers, Gas Grill, Electric Hot water	Electric Fryers, Gas Grill and Electric Hot Water	Electric Fryer, Gas Grill, Gas Hot water
550 KWH per day	600 KWH per Day	670 KWH per Day	620 KWH per day

Target Electrical consumption in January			
Annual Net Sales above \$1500000			
Gas Fryers, Gas Grill, Gas Hot water	Gas Fryers, Gas Grill, Electric Hot water	Electric Fryers, Gas Grill and Electric Hot Water	Electric Fryer, Gas Grill, Gas Hot water
640 KWH per day	690 KWH per day	760 KWH per day	710 KWH per day

Each 25 KWH reduction is approximately \$700 in annual savings