

# ASW Engineering Consultants

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# Sample Supermarket Program Report

## Supermarket Program: Preliminary Energy Assessment Report

PROJECT: Sample Supermarket DATE: FEB-22-2001								
System No.	System	DAT	Linear Ft. or Area	Tons	Comp's Max. kW	Comp's kWh/Yr.	Cond. kWh/Yr.	System kWh/Yr.
1	Meats	28	60	7.4	11.0	67,730	5,248	72,978
2	Meats	25	24	3.1	4.6	27,930	2,164	30,094
3	Juices	40	16	1.4	2.1	13,022	1,009	14,031
4	Yogurt	42	42	4.3	6.4	38,974	3,020	41,994
5	Milk	35	22	2.5	3.8	23,051	1,786	24,837
6	Cheese & H-Dogs	35	44	5.3	7.9	48,528	3,760	52,288
7	Bagged Produce	40	24	2.4	3.6	22,271	1,726	23,997
8	Produce	45	48	4.7	7.0	42,760	3,313	46,074
9	Tofu	32	32	3.3	4.8	29,695	2,301	31,996
10	Apples	37	37	3.6	5.3	32,618	2,527	35,145
11	Persimmons	35	35	3.5	5.1	31,504	2,441	33,945
12	Grapes	38	38	3.7	5.5	33,499	2,596	36,095
13	Cold Drinks	42	42	3.7	5.6	34,182	2,649	36,831
14	Cold Beer & Wine	34	34	3.5	5.1	31,551	2,445	33,995
15	Frozen Food	-	210	22.0	53.9	330,326	25,595	355,921
16	Deli	42	16	19.5	29.1	178,168	13,805	191,973
17	Meat Freezer	28	144	6.0	8.9	54,765	4,243	59,008
18	Meat Prep Cooler	25	80	4.0	6.0	36,510	2,829	39,339
19	Grocery Cooler	40	240	10.0	14.9	91,275	7,072	98,347
20	Produce Cooler	42	120	5.0	7.4	45,637	3,536	49,174
21	Produce Prep C.	35	80	4.0	6.0	36,510	2,829	39,339
			<b>TOTALS =</b>	<b>122.8</b>	<b>203.9</b>	<b>1,250,507</b>	<b>96,893</b>	<b>kWh/Year 1,347,400</b>