

Energy Cost Budget / PRM Summary

By MFIA Inc.

Project Name: VA SORCC 207	Date: September 15, 2016
City: White City	Weather Data: Medford, Oregon TM2

Note: The percentage displayed for the "Proposed/ Base %" column of the base case is actually the percentage of the total energy consumption.

* Denotes the base alternative for the ECB study.

		* Alt-2 ASHRAE Baseline 90.1-1			Alt-1 Proposed Building		
		Energy 10 ⁶ Btu/yr	Proposed / Base %	Peak kBtuh	Energy 10 ⁶ Btu/yr	Proposed / Base %	Peak kBtuh
Lighting - Conditioned	Electricity	276.9	22	57	233.9	84	48
Lighting - Unconditioned	Electricity	30.0	2	6	25.4	84	5
Space Heating	Electricity	0.0	0	0	0.3	0	0
	Purchased Steam	61.0	5	161	114.3	187	161
Space Cooling	Electricity	161.1	13	159	118.4	73	116
Pumps	Electricity	0.0	0	0	57.5	0	16
Heat Rejection	Electricity	12.9	1	12	22.6	176	20
Fans - Conditioned	Electricity	297.9	23	55	132.9	45	24
Receptacles - Conditioned	Electricity	307.7	24	64	307.7	100	64
Receptacles - Unconditioned	Electricity	33.4	3	7	33.4	100	7
Stand-alone Base Utilities	Electricity	43.3	3	9	30.5	70	6
	Purchased Steam	53.0	4	21	53.0	100	21
Total Building Consumption		1,277.3			1,129.9		

		* Alt-2 ASHRAE Baseline 90.1-1	Alt-1 Proposed Building
Total	Number of hours heating load not met	0	0
	Number of hours cooling load not met	5	0

	* Alt-2 ASHRAE Baseline 90.1-1		Alt-1 Proposed Building	
	Energy 10 ⁶ Btu/yr	Cost/yr \$/yr	Energy 10 ⁶ Btu/yr	Cost/yr \$/yr
Electricity	1,163.2	27,609	962.5	22,749
Purchased Steam	114.1	1,509	167.4	2,214
Total	1,277	29,118	1,130	24,963