

Performance Rating Details

By MFIA Inc.

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

Performance Rating Method Alternative: Alt-2 ASHRAE Baseline 90.1-10 Climate Zone 4C

		0° Rotation		90° Rotation		180° Rotation		270° Rotation		Average	
		Energy 10 ⁶ Btu/yr	Peak kBtuh	Energy 10 ⁶ Btu/yr	Peak kBtuh	Energy 10 ⁶ Btu/yr	Peak kBtuh	Energy 10 ⁶ Btu/yr	Peak kBtuh	Energy 10 ⁶ Btu/yr	Peak kBtuh
Lighting - Conditioned	Electricity	276.9	57	276.9	57	276.9	57	276.9	57	276.9	57
Lighting - Unconditioned	Electricity	30.0	6	30.0	6	30.0	6	30.0	6	30.0	6
Space Heating	Purchased Stea	59.7	162	61.0	159	63.0	162	60.5	160	61.0	161
Space Cooling	Electricity	162.8	165	158.0	155	162.7	163	161.0	154	161.1	159
Heat Rejection	Electricity	12.9	13	12.7	12	12.9	12	13.0	12	12.9	12
Fans - Conditioned	Electricity	298.6	55	297.8	54	293.4	54	301.7	55	297.9	55
Receptacles - Conditioned	Electricity	307.7	64	307.7	64	307.7	64	307.7	64	307.7	64
Receptacles - Unconditione	Electricity	33.4	7	33.4	7	33.4	7	33.4	7	33.4	7
Stand-alone Base Utilities	Electricity	43.3	9	43.3	9	43.3	9	43.3	9	43.3	9
	Purchased Stea	53.0	21	53.0	21	53.0	21	53.0	21	53.0	21
Total Building Consumption		1,278.4	559	1,273.8	544	1,276.4	555	1,280.5	545	1,277.3	551

	0° Rotation	90° Rotation	180° Rotation	270° Rotation	Average
Electric (\$)	\$27,740	\$27,486	\$27,587	\$27,621	\$27,609
Gas (\$)	\$36	\$36	\$36	\$36	\$36
Purchased Steam (\$)	\$1,491	\$1,508	\$1,534	\$1,502	\$1,509
Total Building Cost (\$)	\$29,268	\$29,030	\$29,158	\$29,159	\$29,154