

LEED COMPLIANCE DETAILS		(Part 4 of 5)	EAP-S
Project Name <i>Educational Version for Class Assignments Only</i>		Date <i>4/29/2011</i>	
1.4.4 – ASHRAE 90.1 Section 7: Service Water Heating			
Model Input Parameter / Energy Efficiency Measure	Baseline Case	Proposed Case	
SHW Equipment Type	<i>Gas Fired</i>	<i>Gas Fired</i>	
SHW Storage Tank Capacity	<i>50.0 gallons</i>	<i>50.0 gallons</i>	
SHW Heating Input Capacity	<i>40,000 Btu/hr</i>	<i>40,000 Btu/hr</i>	
Equipment Efficiency	<i>0.575 Energy Factor</i>	<i>0.575 Energy Factor</i>	
Temperature Controls			
SHW Energy Recovery	<i>None</i>	<i>None</i>	
Other			
1.4.5 - ASHRAE 90.1 Section 9: Lighting			
Model Input Parameter / Energy Efficiency Measure	Baseline Case	Proposed Case	
Automatic Lighting Shutoff Method			
Gross Lighted Floor Area	<i>5,280 ft²</i>	<i>5,280 ft²</i>	
Interior Lighting Power Calculation Method	<i>Space by Space</i>	<i>Space by Space</i>	
Interior Lighting Power Density (Average)	<i>1.073 w/ft²</i>	<i>0.910 w/ft²</i>	
Interior LPD per space (Space-by-Space)	<i>See EAp1 Part 1</i>	<i>See EAp1 Part 1</i>	
Additional Lighting Power Allowance	<i>Process LPD: 0.364 w/ft²</i>	<i>Process LPD: 0.364 w/ft²</i>	
Automatic Interior Space Shutoff Control in Required Spaces (Section 9.4.1.2)			
Interior Lighting Power Adjustments (Table G3.2)	<i>0.000 w/ft²</i>	<i>0.072 w/ft²</i>	
Daylighting Dimming Controls			
Automatic Exterior Lighting Control			
Total Exterior Lighting Control	<i>2,426 watts</i>	<i>1,200 watts</i>	
Tradable Surface Exterior Lighting Power	<i>2,426 watts</i>	<i>1,200 watts</i>	
Non-Tradable Surface Exterior Lighting Power	<i>0 watts</i>	<i>0 watts</i>	
Other			
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