

### Project Information

Project #: 1121 Notes:  
 Name: 1121  
 Location: Gardnerville, NV

### Outdoor Conditions

Location: Minden (micro), Nevada  
 Elevation: 4720 ft  
 Latitude: 39  
**Heating** 4.0 °F  
**Cooling** 92.0 °F  
 Daily Range: Medium  
 Wet Bulb: 59.0 °F

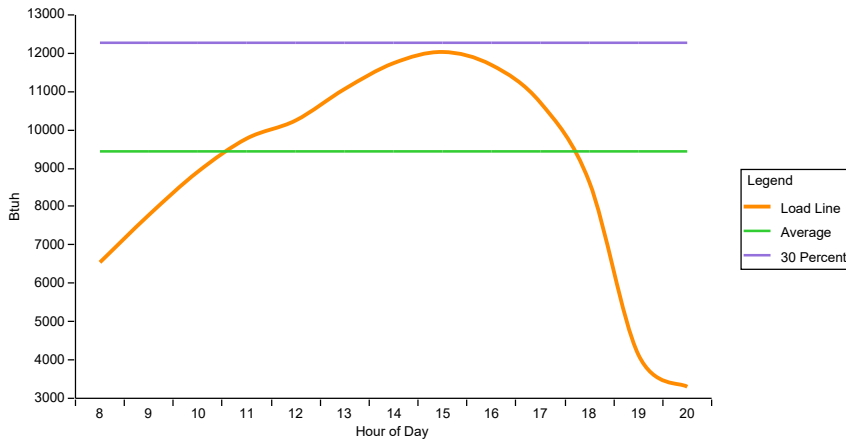
### Indoor Conditions

	<b>Heating</b>	<b>Cooling</b>
Room Temp:	65 - 70 °F	75 °F
Design Temp Diff:	66.0 °F	17.0 °F
Humidity:	35	50
Moisture Diff (Grains):		-41.0

### Floorplan/Levels

Main Floor	1,924 ft <sup>2</sup>
Total Heated Area:	1,924 ft <sup>2</sup>
Total Cooled Area:	1,622 ft <sup>2</sup>

Fenestration Load vs Hour of Day (Summer)

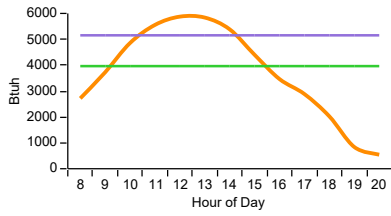


**Average Load: 9,441 Btu/hr**  
**Excursion Limit: 12,274 Btu/hr**

**Peak Load: 12,033 Btu/hr**  
**AED Load: 0 Btu/hr**

### Cooling Rooms

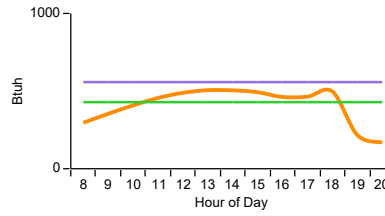
**Kitchen-Dining (October)**



**Average Load: 3,965 Btu/hr**  
**Excursion Limit: 5,155 Btu/hr**

**Peak Load: 5,878 Btu/h**  
**AED Load: 724 Btu/hr**

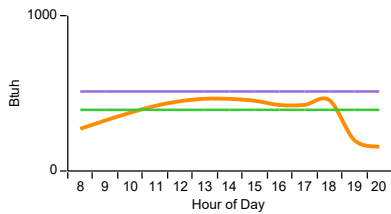
**Office (Summer)**



**Average Load: 429 Btu/hr**  
**Excursion Limit: 558 Btu/hr**

**Peak Load: 506 Btu/hr**  
**AED Load: 0 Btu/hr**

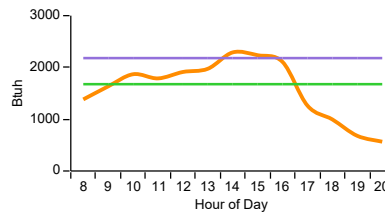
**Entrance Way (Summer)**



**Average Load: 394 Btu/hr**  
**Excursion Limit: 512 Btu/hr**

**Peak Load: 465 Btu/hr**  
**AED Load: 0 Btu/hr**

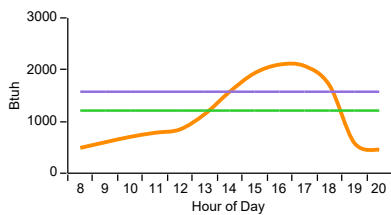
**Great Room (Summer)**



**Average Load: 1,678 Btu/hr**  
**Excursion Limit: 2,181 Btu/hr**

**Peak Load: 2,291 Btu/hr**  
**AED Load: 110 Btu/hr**

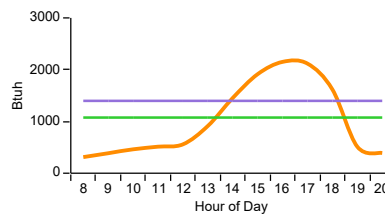
**Ben's Bedroom (Summer)**



**Average Load: 1,211 Btu/hr**  
**Excursion Limit: 1,575 Btu/hr**

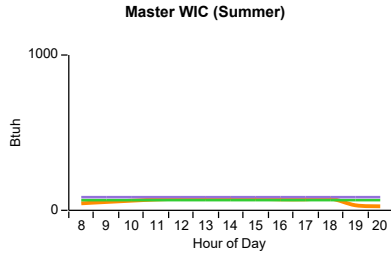
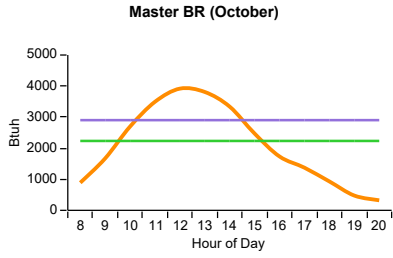
**Peak Load: 2,099 Btu/h**  
**AED Load: 525 Btu/hr**

**Guest Bedroom (Summer)**



**Average Load: 1,076 Btu/hr**  
**Excursion Limit: 1,399 Btu/hr**

**Peak Load: 2,152 Btu/hr**  
**AED Load: 753 Btu/hr**



**Average Load: 2,234 Btu/hr**  
**Excursion Limit: 2,904 Btu/hr**

**Peak Load: 3,919 Btu/h**  
**AED Load: 1,014 Btu/h**

**Average Load: 66 Btu/hr**  
**Excursion Limit: 85 Btu/hr**

**Peak Load: 77 Btu/hr**  
**AED Load: 0 Btu/hr**

## Warnings

The sensible load for some rooms peak during late fall or early winter. This behavior is caused by glass that faces South East, South or South West. Room temperature may be difficult to control if zoning is not provided.

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