

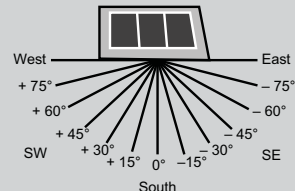
Solar Thermal Site Survey

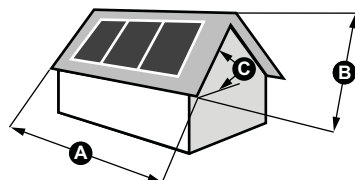


BOSCH

| Project Information | |
|------------------------------|--|
| Project Name | |
| Contact Person / Information | Name: _____ Tel.: _____ Fax: _____ Email: _____ |
| Project Location | |

| System Information | |
|---|---|
| System Type (Check all that apply) | <input type="checkbox"/> DHW <input type="checkbox"/> Space Heating <input type="checkbox"/> Pool |
| Application Type | <input type="checkbox"/> Residential Home <input type="checkbox"/> Apartment <input type="checkbox"/> Dormitory <input type="checkbox"/> School |
| | <input type="checkbox"/> Hotel/Motel/Inn <input type="checkbox"/> Office Building <input type="checkbox"/> Restaurant <input type="checkbox"/> Hospital |
| | <input type="checkbox"/> Prison <input type="checkbox"/> Fire Station <input type="checkbox"/> Industrial <input type="checkbox"/> Other: _____ |
| Application Details (# of rooms, total occupants, etc.) | |

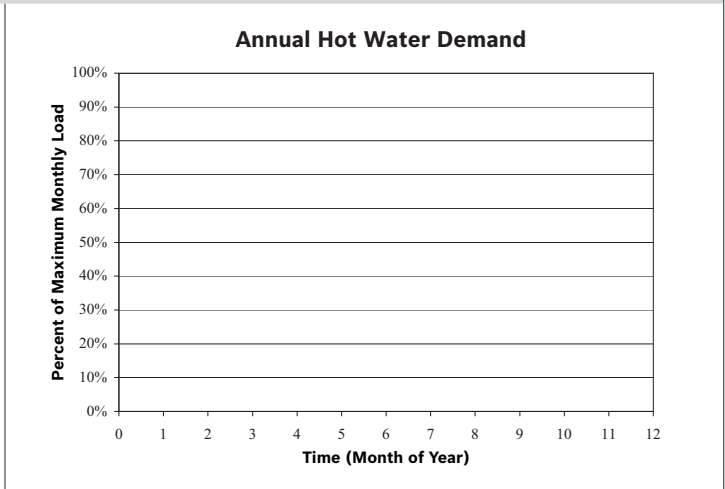
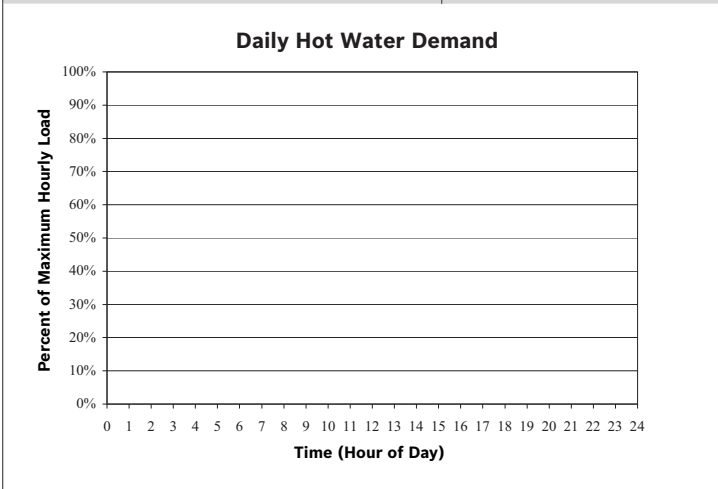
| Installation Information | |
|---|---|
| Installation Mounting Type | <input type="checkbox"/> Flat Roof <input type="checkbox"/> Wall Mounted <input type="checkbox"/> Sloped Roof <input type="checkbox"/> On Wall |
| Which Roof Type? | <input type="checkbox"/> Tile <input type="checkbox"/> Shingle <input type="checkbox"/> Slate <input type="checkbox"/> Metal <input type="checkbox"/> Other: _____ |
| Load Conditions | <input type="checkbox"/> Wind Load <input type="checkbox"/> Snow Load <input type="checkbox"/> Ice Load |
| Deviation from South | _____ (Degrees)  |
| Available Roof Space | A _____ (Ft) |
| Available Roof Space | B _____ (Ft) |
| Roof Pitch | C _____ (Degrees) |
| Shading? | <input type="checkbox"/> Yes <input type="checkbox"/> No _____ % Shading |
| Recirculation Loop? | <input type="checkbox"/> Yes <input type="checkbox"/> No _____ Length (Ft) |
| Line Set Run (One-way from collector to solar storage tank) | _____ (Ft) |
| Building Type | <input type="checkbox"/> New Construction <input type="checkbox"/> Retrofit |
| - If Retrofit, Current Equipment in Use | Back-up Heat Source Type _____ Output _____ (kbtu/hr) Storage Tanks _____ |
| Fuel Type / Cost | <input type="checkbox"/> Gas \$ _____ per Therm <input type="checkbox"/> Oil \$ _____ per Gal. <input type="checkbox"/> Electric \$ _____ per kW <input type="checkbox"/> LPG \$ _____ per Gal. |
| Comments: | |





Domestic Hot Water Information

| | | |
|--------------------------------|------------------------|-----------|
| DHW Load | ____ (Gallons per day) | |
| Operational Profiles | | |
| Hot Water Supply Temperature | (°F) | Comments: |
| Maximum Water Storage Capacity | (Gallons) | |
| Cold Water Inlet Temperature | (°F) | |
| Back-Up Heat Source Type | | |
| Back-Up Heat Source Output | (kbtu/hr) | |
| Fuel Type / Consumption | | |



To enter electronically, click on graph where applicable. Enter the hourly (monthly) DHW load as a percentage of the maximum hourly (monthly) value of a day (year). E.g., the hour of the day with the highest load would be set at 100%, and the hour of the day with half the value as the maximum load would be set at 50%.

Space Heating Information

| | |
|----------------------------|---|
| Heat Loss | (kbtu/hr) |
| Heated Area | (ft ²) |
| Type Of Heating | <input type="checkbox"/> Radiators <input type="checkbox"/> Baseboard <input type="checkbox"/> In-Floor Heating <input type="checkbox"/> Other: _____ |
| Heating Loop Temperatures | HT Supply: _____ (°F) Return: _____ (°F) |
| | LT Supply: _____ (°F) Return: _____ (°F) |
| Back-Up Heat Source Type | _____ <input type="checkbox"/> Same as DHW |
| Back-Up Heat Source Output | (kbtu/hr) |
| Fuel Type / Consumption | |
| Comments: | |

Pool Heating Information

| | |
|----------------------------|--|
| Pool Type | <input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor |
| Pool Dimensions | (ft) |
| Average Pool Depth | (ft) |
| Swim Season | (Jan - Dec) |
| Desired Pool Temperature | (°F) |
| Back-Up Heat Source Type | _____ <input type="checkbox"/> Same as DHW |
| Back-Up Heat Source Output | (kbtu/hr) |
| Pool Cover | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Fuel Type / Consumption | |
| Comments: | |

