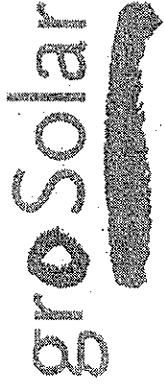


FRIENDS OF THE SUN

159 Depot St.
Manchester, VT 05255
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Solar Hot Water Planning Worksheet

Date: _____ / _____ / _____

Please provide photographs of the following:

- Proposed collector mounting location
- Storage Tank Location
- Existing Hot Water system (Tank and / or boiler)
- Access to proposed collector mounting location

Customer Information:

Name:
Address:
Telephone / Fax:
Email:

Solar Domestic Hot Water (SDHW)

Solar Array Mounting

- Asphalt Shingle Roof Clay Tile Roof Flat Roof
 - Standing Metal Seam Roof Ground Mounting Wall Mounting
 - Corrugated Metal Roof (indicate if roof has flat sections or is "wavy")
- Orientation (use a compass)**
- South +/- 10° South-East South-West West East
 - Other Direction: _____

Shading none partial Solar Pathfinder Analysis yes no

Roof Inclination (info not required if wall or ground mounted)

- approx. 25° (6/12) approx. 30° (7/12) approx. 45° (12/12)
- other angles: _____

of Stories: _____ Rafter Spacing (OC): _____ Rafter size (2x?): _____

Attic Space (Finished / Unfinished / Accessible / Inaccessible): _____

Room for Collectors

How much room is available in the desired mounting location?
(Most SDHW installations require at least an area of 8' x 8')

Please provide a sketch with measurements.

Total length of supply & return piping (to & from collector): _____ ft

Can pipes be run from the tank location to the collector location?
Will pipes be internal or external to the house?
Is there an existing pipe chase or possibly an unused chimney?

DHW Load

Number of people in household: (full time) _____
Full time or part time residence _____
Hot water consumption / person / day: _____ gallons (typically 20 gal/person/day)

Existing Domestic Hot Water System Information

Back-Up DHW Appliance: gas oil electric heat pump
Cost of Back-Up Fuel: _____

Existing Storage Tank: yes no Volume: _____ gal

Direct or Indirect Tank: _____
Model/Make of Existing Tank _____
Age of Existing Tank _____ years

DHW piping insulated currently? yes no

Anti-scald valve existing on DHW system? yes no

Distance from SDHW tank to DHW tank (ft) _____

Space available for Solar DHW tank? yes no

How can we get a SDHW tank into basement ?

Distance from SDHW tank to available 120V outlet (ft)? _____

Does your home have Hot Water recirculation? yes no

Is your DHW currently adequate for family's needs? yes no

Size of existing cold water supply pipe: 1/2" 3/4" 1" 1-1/4"

groSolar's scope of work (check one)

- I want the groSolar to sell me equipment only, I will install it
- I want groSolar to sell me equipment only and put the collectors on my roof. I will find a plumber or do it myself
- I want the groSolar to install my whole system from start to finish