



Solar Thermal Project Technical Documentation Worksheet

Please complete both pages of this form with all required information. Technical information is reviewed electronically, therefore we require that each worksheet as well as supplemental information (photos and one-line diagrams) be submitted either via email to partners@revermont.org or copied onto a CD-ROM and mailed via post to the address listed below.

Customer Name(s): _____ Phone: _____
 Location of Installation: _____ Date of Installation: _____

Collector Location: rooftop ground mount other (specify): _____

Collector Orientation: _____ degrees (magnetic or true) Collector Tilt: _____
 (0 degrees horizontal, 90 degrees vertical)

Total collector area: _____ (square ft) Estimated Annual Output: _____
 Calculated as kWh/yr or percent annual hot water consumption

Warranty Information:

Collectors: _____ years (minimum of 1 yr required)
 Balance of system (not including tank): _____ years (minimum of 1 yr required)
 Tank: _____ years (minimum of 1 yr required)
 Installation: _____ years (minimum of 1 yr required)

One-line diagram(s)* and/or schematic for system as installed – showing all major field-installed structural, mechanical, and electrical components including:

<p>a. Solar collectors, quantity and model</p> <p>b. Mounting racks</p> <p>c. Approximate plumbing line runs</p> <p>d. Pipe material and insulation type</p> <p>e. Hot water storage tanks, size and model</p> <p>f. Heat exchanger, type and manufacturer</p> <p>g. Temperature and/or pump controller</p>	<p>h. Heat transfer fluid type</p> <p>i. Expansion tank</p> <p>j. Circulating pump</p> <p>k. Pressure and temperature gauges</p> <p>l. Backup hot water heating source</p> <p>m. Tempering valve or water temp control valve</p>
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Note: The one-line diagram can be either hand drawn or computer generation, but must be submitted electronically.

****See page two for photo requirements.

Labeled digital photographs showing all major field-installed structural, mechanical and electrical components listed below. Photos must be submitted electronically. They can be sent as email attachments to partners@revermont.org or copied onto a CD-ROM and mailed via post to the address listed at the bottom on this page.

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| <p>a. Solar collectors</p> <p>b. Hot water storage tank(s) and heat exchanger</p> <p>c. Backup hot water source</p> <p>d. Controller, circulating pumps, gauges, tempering valve, expansion tank</p> | <p>e. Collector attachment points and all building penetration points</p> |
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