

Solar Domestic Hot Water Analysis & Questionnaire

For a free solar hot water system design and quote, complete this questionnaire and return it to us.

Vermont Solar Engineering 431 Pine Street, Suite 104 Burlington, Vermont 05401 802-863-1202 Fax: 802-863-7908

Name: _____ Phone : _____

Address: _____

South facing roof ? yes no Is the roof in full sun 9am to 3pm? yes no

If "yes" - angle / pitch ? shallow (0-30°, 0/12 to 7/12) medium (30-45°, 7/12 to 12/12) steep (45°+, 12/12+)

Is ground mounting of collectors possible? yes no

Water heater type: electric >>> winter on peak: \$ _____ / kwh summer off peak: \$ _____ / kwh

oil \$ _____ / gal. LP gas \$ _____ / gal natural gas \$ _____ / 100 ft.

Utility / fuel company name: _____

Size of hot water tank: _____ gallons Present hot water setting: _____ deg. F Age of hot water system: _____ years

House heating system: electric oil propane nat. gas wood other

Area of radiant floor-heating slab (if applicable) : _____ sq. ft.

Use: Hot water consumption	frequency / week		gal / use		gal / week
Bath (standard)	_____	x	15	=	_____
Bath (oversized / jacuzzi)	_____	x	25	=	_____
Shower (regular head)	_____	x	20	=	_____
Shower (low flow head)	_____	x	8	=	_____
Laundry (hot wash / warm rinse)	_____	x	25	=	_____
Laundry (hot wash / cold rinse)	_____	x	20	=	_____
Laundry (warm wash / cold rinse)	_____	x	15	=	_____
Dishwasher	_____	x	15	=	_____
Hand-wash dishes (few)	_____	x	2	=	_____
Hand-wash dishes (full sink)	_____	x	4	=	_____
Wash hands and face	_____	x	1	=	_____
Other _____	_____	x	_____	=	_____
				TOTAL	= _____
				÷ 7 = Gallons / day	= _____