

Solar Water Heater Loan Program Installation Checklist

After the solar water heater is successfully installed, have your installer complete this checklist to verify that the installation requirements have been met. Then send it to the Kentucky Solar Partnership (2235 Gregory Woods Rd., Frankfort, KY 40601), along with:

- copies of all bills from the installer (or subcontractors, if any);
- copies of warranties for new and used equipment, major system components and system installation.

These documents must be submitted within 120 days after the loan is issued for the final payment to be made. KSP will have a check for the balance of the loan sent to the installation contractor within 30 days after receiving this documentation.

Customer _____ **Address** _____

Installer _____ **Address** _____

Items to Verify (check yes or no for each item as appropriate)

Yes	No	Item
		Collectors SRCC rated
		Collectors facing within 45 degrees east or west of true south (please provide an explanation if facing a different direction)
		Collector tilt angle within 20 to 60 degrees of horizontal
		No shading between 10AM and 2PM
		All piping in solar loop is copper and fittings are copper/brass
		Pipe insulation is appropriate
		Piping is supported every 6 feet
		Is system closed loop antifreeze?
		For closed loop antifreeze systems, a back check valve is installed in the appropriate location
		For closed loop antifreeze systems, pressure relief valve, expansion tank, and pressure gauge are in the closed loop
		Is system drainback?
		For drainback systems, there is a minimum fall of 1/4-inch per 4 feet in supply/return piping and the collectors, sloping back to the drainback reservoir.
		Collectors are installed according to requirements
		Appropriate solar fluid is used
		There is a back-up water heating system
		Customer has been given product and system literature and maintenance instructions
		Appropriate temperature drop was verified across the heat exchanger

Comments:

I certify that the above information is true and accurate to the best of my knowledge.	
Installation Contractor Signature	Date