



Solar Neighbourhoods

138 Hamilton St. • Toronto ON M4M 2E1 • 416-392-6795

Form E: System Commissioning Report

Contractor Contact Information		
Participant #:	Date:	
Customer Name:	Contractor:	
Project Address:	Contractor TSNI Number:	

This project has applied for: TSNI grant TSNI loan

Homeowner Total System Price (after all grants and rebates not including the TSNI Grant):	\$	<i>Note: If this amount is not the same as line 10 in the program application form please provide details below. Upon successful commissioning and inspection, TSNI will issue incentive directly to Contractor.</i>
Amount Owing from TSNI to Contractor: (\$1000 for Grant Option, \$500 for Loan Option)	\$	
Pump Run Odometer Reading (hrs)		Date and Time of Reading

System Commissioning

"Contractor" column to be completed by Contractor. An Independent Inspector will conduct spot-checks on some systems; if this project is selected for a spot check, the Inspector will complete the "Inspector" column. This form is for TSNI purposes only; it is not to replace or fulfill commissioning requirements set forth by system manufacturers.

Contractor

Commissioning

1. Flow Verification Test – completed & passed
2. Pressure Leakage Test – completed & passed
3. Freeze Protection Test – completed & passed
4. Controller Test – completed & passed

System Visual Inspection

5. All plumbing connections to collectors, pumps, heat exchangers and other components have been connected properly
6. All safety equipment such as temperature and pressure relief valves are present and installed in the correct manner
7. All pipes are adequately sloped to ensure complete draining of the system
8. The correct amount of pipe insulation is installed and is adequately secured and protected against water damage
9. All roof and wall penetrations are adequately sealed
10. All wiring (AC and control) meets the Ontario Electrical Code and is properly fastened to protect it against mechanical damage
11. All instrumentation and test points are installed properly
12. Relief valves are plumbed to drains or catch basins
13. System controller is properly located and in the automatic position

Monitoring Equipment

14. Monitoring equipment is present and operational
 - pump run meter
 - solar tank thermometer

System Manual

15. Manual is complete
16. Operation instructions are complete

Customer Affirmation

- The Contractor has reviewed with me maintenance and operational procedures and has supplied me with written documentation on how to maintain my system.
- The Contractor has reviewed the system and component warranties with me and has supplied me with written copies of all warranties.
- The system has been installed to my satisfaction.

Name:	Signature:
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Contractor Affirmation

- I have installed the system according to CSA F383: Installation Code for Solar Domestic Hot Water Systems and the manufacturer's requirements.
- I have tested the systems operation and affirm that it is operating such that it should deliver the energy output as stated in the program application form.

Name:	Signature:
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- Building Permit # : _____
- Submit a copy of the Roof Report (if not submitted to Solar Neighbourhoods previously)
- Submit Schedule E

FOR TSNI USE ONLY

Building Permit Inspection Done Yes Comments if not done yet: _____

Copy of the Roof Report on file Yes Comments if not _____

TSNI inspection required? Yes No Date of Scheduled Inspection : _____

TSNI inspection report complete and submitted to contractor? Yes No Date sent : _____

Remedial actions required? Yes No

Project Violation notice sent to Contractor on __d__/_m__/_20__ (attach supporting documents)

Remedial actions successfully completed? Yes No N/A (attach supporting documents)

Date of Review: _____ Reviewed By: _____

Payment approval TSNI Grant to Contractor - payment of \$_____ issued to Contractor on __d__/_m__/_20__

Loan – final payment of \$_____ - EnWise advised to release loan funds on __d__/_m__/_20__

Loan payment by Enwise confirmed made to contractor on __d__/_m__/_20__