Attachment B
PON 2149 – SOLAR THERMAL PROGRAM

Eligible Installer_____ Installer No. _____ Phone Number _____

Eligible Installer Company _____ Eligible Installer E-mail _____

Customer Name _____ Customer Phone No. _____

Customer Installation Address_____ City _____ State _____ Zip_____

Customer Email _____ If Customer mailing address is different from installation address, please list:

_____ City _____ State _____ Zip_____

Utility Service Territory _____ Expected Date of Installation _____

Attach proof of payment by customer into Renewable Portfolio Standard (as shown on utility bill or letter from utility)

Building or Customer type (check all that apply):

___New Construction ___Existing ___ Governmental ___Multi family

___ Residential ___ Non Residential __Not for Profit

Equipment

Solar Thermal System: SRCC OG-300 Certified? (circle one) Yes No

Manufacturer _____System Model Number _____

Solar Thermal Collectors: SRCC OG-100 Certified? (circle one) Yes No

Manufacturer _____ Collector Model Number _____ Quantity_____

Location _____ Orientation_____ Tilt _____

Freeze Protection (if applicable) _____

Solar Water Tanks (Location)_____ Size (in gallons) _____

Manufacturer _____ Model Number _____ Quantity_____

Total Annual Electric Usage _____**kWh** Hot water heater portion of usage _____**kWh or BTUh for Non-RPS**

Displaced by ST (not to exceed 80% of hot water portion) _____kWh ST System Efficiency _____%

Submit calculations with application and check off below the method used to calculate displaced kWh: SRCC OG-300_____

RETscreen_____ Solar Pathfinder Thermal _____ **Other (requires NYSERDA pre-approval)** _____

For **Existing Building,** no. of people in household_____ or for **New Construction,** no. of bedrooms plus 1 _____

Existing Hot Water appliance

Manufacturer _____ Model Number _____ Quantity_____

Incentive

Total Cost before Incentive $_____ **Incentive Total: $**_____

Incentive Calculation _____

Clipboard Audit: The Company/Installer agrees to complete a clip board audit consisting of two main components: an interview of the home/building owners to ascertain energy use habits and the age of the building, and an inspection of the building to identify potential energy efficiency measures, especially low and no cost measures that could reduce the electricity load of the building. This would include an inspection of the hard-wired lighting systems and free–standing light fixtures, appliance ages and whether they are ENERGY STAR, the presence of advanced power strips for consumer electronics, existence of "vampire loads" related to consumer electronics and battery chargers, use of programmable thermostats or timers for air conditioners, age and condition of the doors and windows, and inquiries to the owner regarding any recent installation of insulation. The Solar Thermal installer would conclude the audit with a homeowner debriefing. The installer would leave a copy of the inspection form with the owner at the end of the inspection. The form will include a description of the home, recommendations of changes to reduce electric consumption, and easy fixes the homeowner can do. The installer will also leave a list of Home Performance Contractors that could install more complex energy efficiency measures, informational brochures informing the owner of the details of utility or NYSERDA energy efficiency programs available to home owner, and a brochure of low cost/no cost tips for reducing energy consumption. The inspection should last no more than 60 minutes. _____(initial to acknowledge requirement and adherence).

or

Non Residential Energy Assessment: The Company/ Installer will provide non-residential building owners with information on Energy Star's Portfolio Manager Benchmarking Tool or other equivalent tool and, if requested by the building owner, assist them to enter utility bill information into the Tool in order to produce an EUI (Energy use index) and, where applicable an Energy Star score. The installers should also provide informational brochures on NYSERDA and utility energy efficiency programs. Customers will not be required to benchmark or implement energy efficiency measures as a pre-requisite to receive a ST incentive. _____(initial to acknowledge requirement and adherence).

REQUIRED APPLICATION DOCUMENTATION
Each Incentive Application must include all documentation listed on the attached checklist.

CERTIFICATION STATEMENT – I certify that all information provided in this application, including worksheets, analysis, permits and approvals, is true and correct to the best of my knowledge.

Installer Signature_____ Date_____

Print Name_____

Company Signature_____ Date_____

Print Name_____

Customer Signature_____ Date_____

Print Name_____

For Internal Use Only

Date Received by NYSERDA _____

Completed Form and All Required Attachments: ___Yes ___No

___Approved ___Denied Date_____

Signature _____

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INCENTIVE APPLICATION CHECKLIST

	Attachment B - Incentive Application, completed
	ST system owner name, installation address and contact information
	ST Collector(s) information (Manufacturer, Model, Quantity)
	ST Hot Water Tank (Manufacturer, Model, Size, Quantity)
	Orientation (in degrees)
	Tilt (in degrees)
	Customer's Annual Electric Usage
	Annual kWh Displaced by Solar Thermal system
	ST System Efficiency
	Incentive amount must match Power Clerk
	System Calculation Method
	Acknowledgement and Adherence of Clipboard Audit (Residential) or Non Residential Energy Assessment (Commercial)
	Signed by Installer, Company, and Customer

	Signed copy of Installer-Customer Purchase Agreement which includes:
	Installation location, schedule, and date
	Description of system including:
	Make and model of major system components
	Estimate of annual ST kWh Displacement
	Total system and itemized costs broken down as follows:
	Cost of Collector(s) and Storage Tank(s) (listed separately)
	Balance of system **(piping, insulation,, racks, etc.)**
	Labor and overhead (labor, permitting, etc.)
	Applicable incentives
	An explanation and estimate of any costs the customer will incur that are not in the price quote
	Payment schedule

	Attachment D - Addendum to Customer Purchase Agreement
	Signed by the customer installer and authorized company on page 3

	Utility Bill that provides:
	Proof of customer's payment into Renewable Portfolio Standard (RPS) System Benefit Charge (SBC)
	Indicates **annual electric usage** (Past 12 months billing or projected calculations for new Construction)**
	The address on electric bill must match the installation address on the incentive application form and Customer Purchase Agreement.

	System Schematic drawing
	Identification and location of all major components including collectors, storage tank, heat exchanger(s)controls, pipe sizes and types, insulation, valves, etc. necessary to describe the complete system and its basic operation.

	Site Map
	Photos of Collector location
	Building Permit (to be submitted prior to Incentive Request)

** ConEd annual usage is not on utility bill but can be downloaded from ConEd's website