



**Form 223C**  
**Solar Water Heating Incentive Application—Commercial**  
**Solar Water Heating Program**



*To be completed by Trade Ally Contractor*

**Solar Trade Ally Contractor Information**

Company Name		
Contact Name	Phone Number	<input type="checkbox"/> office <input type="checkbox"/> mobile

**Plumbing Contractor Information**

Company Name	Plumbing License #
Contact Name	Phone Number <input type="checkbox"/> office <input type="checkbox"/> mobile

**Electrical Contractor Information**

Company Name	Electrical License #
Contact Name	Phone Number <input type="checkbox"/> office <input type="checkbox"/> mobile

**System Information**

Azimuthal Orientation	___° (between 90 and 270 degrees: 180 degrees is true south)	Tilt	___° degrees from horizontal	Type of Mount	<input type="checkbox"/> Roof <input type="checkbox"/> Ground
<b>System</b>	<input type="checkbox"/> Antifreeze <input type="checkbox"/> Drainback <input type="checkbox"/> Thermosiphon				
<b>Collector</b>	Manufacturer	Model	Quantity	Total collector area ft <sup>2</sup>	
<b>Solar Storage</b>	Volume gallons	<b>Heat Exchanger</b>	<input type="checkbox"/> Internal (immersion) <input type="checkbox"/> External (e.g., shell and tube) <input type="checkbox"/> Wrap around <input type="checkbox"/> None		
<b>Backup Heat</b>	<input type="checkbox"/> Boiler <input type="checkbox"/> Tankless <input type="checkbox"/> Standard Tank <input type="checkbox"/> Combined Tank (backup and storage)				

**Solar Resource Information**

Determine how the annual solar resource available to this system will be reduced by external shading and suboptimal tilt/orientation of the array. Please use the Energy Trust of Oregon sun charts available on our website at <http://energytrust.org/TA/solar/charts.html>.

<b>100</b> %	Solar resource available after <u>shading</u> losses	100 % - ___ % <i>annual shading. Calculate using the applicable Energy Trust sun chart.</i>
x	___ % <u>Tilt and Orientation Factor (TOF)</u> Solar resource available after tilt and orientation losses.	<i>From sun chart: percent of annual electricity produced relative to an optimal system.</i>
=	___ % <u>Total solar resource fraction (TSRF)</u> Annual solar resource available after shading, tilt and orientation losses.	<i>Must be greater than 75% to qualify for Energy Trust incentive.</i>

**Performance Estimate**

Please attach energy calculations including estimate of hot water load. Savings should be shown in kWh when displacing electric usage or therms when displacing gas usage. Savings should be derated for shading and tilt/orientation losses.

\_\_\_ kWh/yr **or** \_\_\_ therms/yr      Calculated Annual Savings      *From Contractor Energy Calculations.*

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**Incentive Calculator**

Multiply **Calculated Annual Savings** (from Performance Estimate section, above) by the incentive amount offered in corresponding service territory.

Calculated Annual Savings	Incentive Rate				
_____	<input type="checkbox"/> kWh <input type="checkbox"/> therms	x	\$	_____	= \$

<b>Total Estimated Energy Trust Incentive</b>	<b>\$</b>
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Incentive not to exceed 35% of total system cost for commercial systems.

<b>System Cost</b>	<b>\$</b>
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Total Installed System Price (*before Energy Trust incentive*)

<b>Net System Cost</b>	<b>\$</b>
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Net System Price (*after Energy Trust incentive*)

**Terms and Conditions**

1. **PROPERTY RIGHTS:** Participant represents that it has the right to install the energy saving equipment on the property where the equipment will be installed and that any necessary consents have been obtained.
2. **INCENTIVE RESERVATION:** Funding for Energy Trust incentives is limited and available on a first-come first-served basis. Energy Trust will reserve the estimated incentive amount set forth in this **Form 223C** for System Owner for a period of one (1) year from the date Energy Trust notifies System Owner and Trade Ally Contractor that this application has been approved by Energy Trust (the "Reservation Period"). If the System is not installed, inspected and approved by Energy Trust within the Reservation Period, the reserved incentives will immediately be withdrawn. In addition, if System Owner and the Trade Ally Contractor decide to make a material change to the System from the design submitted in the approved **Form 223C** during the Reservation Period, a new application must be submitted to the Energy Trust.
3. **INCENTIVE PAYMENT:** System Owner agrees that the Energy Trust incentives provided may vary from amounts listed in this **Form 223C**. Energy Trust will pay incentive amounts directly to System Owner within thirty (30) days after the installation is approved by Energy Trust unless System Owner and Contractor both sign the section entitled "*Option to Assign Payment to Contractor*" located at the end of this **Form 223C**. System Owner is advised to retain a copy of this application and any accompanying documentation submitted to Energy Trust. Energy Trust will not be responsible for any lost documentation related to this application.
4. **ENERGY INFORMATION RELEASE:** System Owner authorizes Energy Trust to access energy usage data for the System's specified electric and natural gas accounts at the physical address of the project. System Owner agrees to provide other reasonable assistance to Energy Trust to obtain such information.
5. **INFORMATION RELEASE:** System Owner agrees that Energy Trust may include System Owner's name, Energy Trust services and resulting energy savings in reports or other documentation submitted to the Energy Trust Board of Directors, the Oregon Public Utility Commission, the Oregon Department of Energy, Oregon Housing and Community Services, or the Oregon Legislature. Energy Trust will treat all other information gathered in evaluations as confidential and report it only in the aggregate.
6. **TAX LIABILITY:** Energy Trust is not responsible for any tax liability which may be imposed as a result of payment of any incentives. Energy Trust is not providing tax advice, and any communication by Energy Trust is not intended or written to be used, and cannot be used, for the purpose of avoiding penalties under the Internal Revenue Code.
7. **ACCESS AND EVALUATION:** Energy Trust may request access to the property where the System is installed in order to: (i) inspect and review the project during and after completion, and/or (ii) evaluate the operation of the System. System Owner agrees to provide reasonable access to the property for the purposes as described herein.
8. **DISCLAIMER OF WARRANTIES:** System Owner hereby acknowledges that Energy Trust has not made any representations and has specifically **DISCLAIMED** any and all warranties, express or implied, with respect to the System to be installed or the Trade Ally Contractor, including but not limited to those concerning Trade Ally Contractor's experience, qualification, or background, the amount of any energy savings, if any, to be realized by System Owner from use of the System, the quality of specific materials, components, or workmanship utilized in the installation, the nature of or whether building permit(s) or governmental approval(s) may be required.
9. **LIMITATION OF LIABILITY:** Energy Trust's liability to System Owner is limited to recovery of amounts due for the incentive payment described and under no circumstances will Energy Trust be liable for any further amount whatsoever.
10. **FACSIMILE/SCANNED SIGNATURES:** Facsimile transmission of any signed original document, and the retransmission of any signed facsimile transmission, shall be the same as delivery of the original signed document. Scanned original documents transmitted to Energy Trust as an attachment via electronic mail shall be the same as delivery of the original signed document. At the request of Energy Trust, a Party shall confirm documents with a facsimile transmitted signature or a scanned signature by providing an original document.

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**Signatures**

By my signature below, I certify that I have the authority to sign this **Form 223C** and that I have read, understand and agree to the terms and conditions on pages three (3) and four (4) of the agreement.

System Owner (printed name)	Title
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Signature	Date
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By my signature below, I certify that I have the authority to sign this **Form 223C** and that the information contained in this **Form 223C** is true to the best of my knowledge.

Solar Water Heating Trade Ally Contractor (printed name)	Title
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Signature	Date
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**Option to Assign Payment to Trade Ally Contractor**

Do you want Solar Water Heating Trade Ally Contractor to take direct payment of the incentives in partial payment of its invoice? If so, both System Owner and Solar Water Heating Trade Ally Contractor must sign below.

Both System Owner and Solar Water Heating Trade Ally Contractor understand and agree that if this option is selected the incentive check will be issued directly to the Trade Ally Contractor listed on this **Form 223C** within thirty (30) days after the installation is approved by Energy Trust and Energy Trust is not responsible for any tax liabilities that may associated with the incentive payment. If Solar Water Heating Trade Ally Contractor accepts assignment of System Owner's incentive payment in partial payment of its invoice, Solar Water Heating Trade Ally Contractor agrees to waive its right to perfect or foreclose any lien or encumbrance against System Owner's property (including without limitation claims of construction lien under Oregon's Construction Lien Law) for the amount of the incentive payment due or alleged to be due by Energy Trust.

System Owner (printed name)	Title
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Signature	Date
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Solar Water Heating Trade Ally Contractor (printed name)	Title
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Signature	Date
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