



To be completed by Participant

**System Description**

<b>Photovoltaic</b>	Manufacturer	Model	Quantity	x	Watts <sub>DC</sub> per Module	=	<b>Total Installed Capacity</b>
				x	Watts <sub>DC</sub>	=	Watts <sub>DC</sub>
<b>Inverters</b>	Manufacturer	Model	Quantity		Minimum Input Voltage		Maximum Input Voltage
<b>Batteries</b>	Manufacturer	Model	<b>Trackers</b>		<input type="checkbox"/> Single axis		<input type="checkbox"/> Dual axis

*Include details of batteries and/or trackers on required schematic.*

**Solar Resource Information**

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

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

**Performance Estimate**

	kWh/Watt*yr	Local Production Capacity	From sun chart: Annual production capacity per Watt <sub>DC</sub> of an optimally oriented system
x	Watts <sub>DC</sub>	<b>Total Installed Capacity</b>	From System Description, converted from Watts <sub>DC</sub> to kW <sub>DC</sub>
x	%	Total Solar Resource Fraction	From Solar Resource Information section above
=	<b>kWh/yr</b>	Annual Delivered Energy	Expected annual energy production for this system

**Incentive Calculator**

Multiply **Total Installed Capacity** (Watts<sub>DC</sub>) by the incentive amount offered in corresponding service territory.

<b>Total Calculated Incentive</b>	Watts <sub>DC</sub>	x	\$ _____ per Watt <sub>DC</sub>	=	\$
<b>Total Estimated Energy Trust Incentive</b>					\$

Maximum incentive is \$10,000. Enter the calculated incentive or the maximum, whichever is the lesser amount.

<b>System Cost</b>	
Total Installed System Price ( <i>before Energy Trust incentive</i> )	
<b>Net System Cost to Participant</b>	\$
Total Installed System Price ( <i>after Energy Trust incentive</i> )	

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### Terms and Conditions

- ELIGIBILITY:** In order to be eligible for this incentive offering, Participant must either be (i) a current Energy Trust Solar Electric Program Trade Ally Contractor in good program standing, or (ii) an electrician licensed in the State of Oregon (not an apprentice) that has successfully completed a photovoltaic (PV) installation course at one of the qualifying training centers identified in this **Form 220E**. If photovoltaic training was completed elsewhere, an electrician may provide Energy Trust with detailed information about the training program that he or she attended and Energy Trust will review such documentation and may, in its sole discretion, determine to accept alternate PV installation training education. Participant 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.
- PROPERTY RIGHTS:** Energy Trust of Oregon, Inc. (Energy Trust includes Energy Trust's legal assigns and successors in interest), requires that the purchaser of the residential solar electric system (System) own the property where the System will be located. The purchaser of the System, Participant (includes Participant's legal assigns and successors in interest), hereby represents and warrants that he or she owns the property listed as the Installation Address in this **Form 220E**.
- SYSTEM INSTALLATION:** In order to be eligible to receive an incentive, this application must be pre-approved by Energy Trust and Participant's installed System must be installed directly by Participant, must meet Energy Trust's **Electrician Self-Install Program Guide** and **Solar Electric System Requirements** which are available on our website at [energytrust.org/TA/PV/Forms](http://energytrust.org/TA/PV/Forms), and must be inspected and approved by Energy Trust.
- INCENTIVE CALCULATION:** Energy Trust has calculated the incentive amount that your System will be eligible to receive based upon the assumption that the System will operate continuously for a period of twenty (20) years from the date the System is inspected and approved. Participant agrees that it will not remove the System from service or the property during this time period without the prior consent of Energy Trust, and such consent shall not be unreasonably withheld. In addition, if Participant determines to sell the property where the System is located during this time period, Participant will notify Energy Trust prior to the sale so that Energy Trust and Participant can work together to inform the new property owner about the System.
- 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 220E** for a period of one (1) year from the date Energy Trust notifies the Participant, via a **Form 230**, that this application has been approved by Energy Trust (the "Reservation Period"). Please note that 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 Participant decides to make a material change to the System from the design submitted in the approved **Form 220E** during the Reservation Period, Participant will be required to submit a new application.
- NOTIFICATION OF INSTALLATION COMPLETION; INSPECTION:** Once Participant has completed all necessary requirements for the installation, Participant must notify Energy Trust so that Energy Trust can arrange for an Energy Trust Inspector to review the System to determine whether or not it meets Energy Trust's program requirements. This is not a code inspection; and no warranty is implied.
- INCENTIVE PAYMENT:** Participant agrees that the Energy Trust incentives provided may vary from amounts listed in this **Form 220E** based on the actual installation; provided however, in no case shall Energy Trust pay more than the estimated amount reserved. Energy Trust will pay incentive amounts to Participant within thirty (30) days after the installation is approved by Energy Trust.
- ENERGY INFORMATION RELEASE:** Participant authorizes Energy Trust to access energy usage data for the project's specified electric and natural gas accounts at the physical address of the project. Participant agrees to provide other reasonable assistance to Energy Trust to obtain such information.
- INFORMATION RELEASE:** Participant agrees that Energy Trust may include Participant'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.
- TAX LIABILITY:** Participant agrees that 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.
- ACCESS AND EVALUATION:** Energy Trust may request access to the property where the System is installed in order to: (i) read or check on the operation of the meter(s), (ii) inspect and review the project during and after completion, and/or (iii) evaluate the operation of the System. Participant agrees to provide reasonable access to the property for the purposes as described herein. In addition, Energy Trust may contact Participant from time to time via a telephone call, mail or e-mail to request meter information directly from Participant and Participant agrees to provide Energy Trust meter information to Energy Trust.

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- 12. **DISCLAIMER OF WARRANTIES:** Participant 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, including but not limited to those concerning the amount of any energy savings, if any, to be realized by Participant from use of the System, the quality of specific materials, components, or workmanship utilized in the installation, or the nature of or whether building permit(s) or governmental approval(s) may be required.
- 13. **INDEMNIFICATION; LIMITATION OF LIABILITY:** Participant shall indemnify Energy Trust against and hold Energy Trust harmless from all claims, actions, proceedings, costs, damages and liabilities, including attorney's fees, arising out of, connected with, or resulting from the System or Participant's installation or operation of the System. Energy Trust is not responsible or liable for any direct, indirect, incidental or consequential damage to or losses resulting from the installation, operation or use of the System. Participant agrees that Energy Trust's liability to Participant is limited to recovery of amounts due for the incentive payment described and that under no circumstances will Energy Trust be liable to Participant for any further amount whatsoever.
- 14. **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.
- 15. **ENVIRONMENTAL ATTRIBUTES:** Environmental Attributes (as defined herein) may also be referred to as "green tags", "renewable energy certificates", "tradable renewable certificates" or otherwise. Environmental Attributes do not include any energy, capacity, reliability or other power attributes associated with the generation of electricity, or any liabilities associated with such generation, and do not include any tax credits which may accrue as a result of implementing the System. "Environmental Attributes" means the non-energy environmental and/or social characteristics, credits, benefits, reductions, offsets, and/or allowances, howsoever entitled, attributable to the System, including without limitation any avoided emissions of substances to air, soil, or water, such as nitrous oxide (NOx), carbon monoxide (CO), mercury (Hg), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), or other greenhouse gases (GHGs) designated by the United Nations Intergovernmental Panel on Climate Change, and any other pollutant that is now or may be in the future regulated and tradable, whether or not such legislation, regulation or trading program is ever implemented.
- 16. **OWNERSHIP OF ENVIRONMENTAL ATTRIBUTES:** Participant agrees that Participant's ownership rights of the Environmental Attributes associated with the System as calculated for the purposes of this agreement shall begin on the date Energy Trust receives approval of the System (the Start Date) and will run for a time period ending at 11:59:59pm PT on the day before the fifth anniversary of the Start Date (the Participant Ownership Period). Energy Trust's ownership rights of the Environmental Attributes associated with the System shall begin at 12:00:00am PT on the fifth anniversary of the Start Date and will run for a time period ending at 11:59:59pm PT on the day before the twentieth anniversary of the Start Date (the Energy Trust Ownership Period). Participant understands and agrees to the Environmental Attributes ownership arrangement as set forth herein and will fully comply with such ownership arrangement in consideration of the incentives provided to Participant pursuant to this agreement. Participant agrees that, during the Energy Trust Ownership Period, Participant will cooperate fully with Energy Trust to (i) register or otherwise perfect Energy Trust's rights in the Environmental Attributes, and (ii) report such rights. If Participant determines to sell the Environmental Attributes to a third party during the Participant Ownership Period, Participant will ensure that any third party purchaser of Participant's Environmental Attributes acknowledges the date when ownership of the Environmental Attributes transfers to Energy Trust in accordance with this agreement.

**Signature**

I, the undersigned, as Participant certify that (i) I am authorized to sign this agreement, (ii) the information on this **Form 220E** is true and correct, and (iii) I have read, understand, and agree to the terms and conditions of this agreement.

Participant <i>(printed name)</i>	Signature	Date
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**Notes:**