



# **EPS New Construction**

**Solar + Storage Installed**

**Residential Installation Requirements**

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## Purpose

Energy Trust of Oregon’s EPS New Construction offering encourages and supports residential builders to construct homes that are more energy efficient than current energy code by working with trade allies throughout the construction process. Energy Trust offers free technical assistance and training, access to a suite of marketing materials, as well as cash incentives to help builders prepare for future energy code advancements and to demonstrate to the rest of the industry what is feasible for new homes today.

Energy Trust offers solar + storage installed incentives to support builders who include an installed solar photovoltaic system with a battery storage system on a home or ADU. Solar + storage systems have been gaining traction in the past decade, and the ever-decreasing cost of solar and whole home batteries has made solar + storage systems much more accessible.

This document details incentives and requirements for a builder to receive solar + storage installed incentives on their EPS New Construction homes or ADU’s. Among these is a requirement to host an early design assistance meeting (EDA) to make the most of the development’s solar potential and shell efficiency for energy resilience, and to consult with the solar contractor and electrician on how to configure the home’s electrical service panel(s) for energy resilience.

The table below shows builder and verifier incentives for Energy Trust of Oregon EPS New Construction solar + storage installed homes.

INCENTIVE TYPE	INCENTIVE AMOUNT AND DETAILS
EPS Whole Home	\$1,000 to \$3,350 per home builder incentive (based on efficiency above a typically built home)
Solar EDA	\$1,000 per development builder incentive \$250 per EDA verifier incentive.
Solar + Storage Installed Home	\$5,000 per home builder incentive \$200 per home verifier incentive
Solar + Storage Installed Model Home	\$7,000 per model home builder incentive \$200 per home verifier incentive
Energy Trust Solar + Storage Solar For Homes Solar Within Reach Battery Storage for Homes Battery Storage (Income Qualified)	Energy Trust offers income qualified and non-income qualified incentives for solar + storage installations that meet all program requirements. Solar + storage incentives are allocated in “steps” and gradually reduce over time to support the most projects with Energy Trust’s limited budget. For current incentive levels that projects can qualify to receive, contact your solar trade ally contractor or go to <a href="http://energytrust.org/solar">energytrust.org/solar</a> .
State and Federal Solar Incentives	Your solar installation may also be eligible for an Oregon state rebate and/or a Federal Tax Credit. Solar trade allies can provide information about all incentives the Builder and Buyer may be eligible to receive.

**If you have any questions about these incentives or requirements, please contact your verifier or EPS field account manager. Alternatively, you can call 1.866.365.3526, or email [eps@energytrust.org](mailto:eps@energytrust.org).**

## Requirements

The requirements below are the minimum criteria for a builder to receive solar + storage installed incentives on their EPS New Construction homes.

### General

- 1.1 Home or Accessory Dwelling Unit (ADU) must be grid-connected and installed on real property in Oregon that receives electrical service directly from Portland General Electric (PGE) or Pacific Power.
- 1.2 Home or ADU must participate in EPS New Construction and achieve at least 5% above baseline.
- 1.3 Homes or ADUs that include natural gas are eligible to participate, but must have gas savings at least 5% above baseline.
- 1.4 Builder must host a solar EDA for the development to develop a coordinated plan for the home or ADU to meet all EPS requirements and to optimize the solar + storage system design.
  - 1.4.1 EDA attendees must include (at minimum): builder, verifier, solar trade ally, electrician, and EPS account manager.
  - 1.4.2 Only one EDA per development that includes one or more net zero homes or ADUs is necessary.
  - 1.4.3 An EDA is not necessary for additional net zero developments provided all the builder's key sub-contractors that are relevant to solar installs (i.e. verifier, solar contractor, electrician) were present for the EDA at the prior net zero development.
- 1.5 Home must include a solar + storage system that meets Energy Trust solar installation requirements, [Energy Trust Battery Storage Incentive Eligibility Requirements](#), [Energy Trust Solar + Storage Design & Installation Requirements](#), and qualifies to receive Energy Trust incentives:
  - 1.5.1 Solar For Homes and Battery Storage for Homes, or
  - 1.5.2 Solar Within Reach and Battery Storage (Income Qualified).

### **Model Homes**

Energy Trust offers enhanced incentives to builders if the solar + storage system is installed on a model home. A model home is a new home in a particular subdivision that is purposely unsold and made available for walkthroughs to prospective buyers for a period of time.

Builders must also meet requirement 1.6 and 1.7, in addition to all other requirements, to receive solar + storage installed incentives for their model home:

- 1.6 Model home must be made available for walkthroughs to prospective buyers for at least 4 months from the time the home is submitted for incentives.
- 1.7 Must supply Energy Trust with proof that solar + storage installed is being offered as a buyer upgrade option in that development.

*NOTE: Builders should consider applying for a [Model Home Listing](#) with Energy Trust to enhance traffic and interest in the development.*

### **Accessory Dwelling Units**

Energy Trust offers performance-based incentives to builders of new energy-efficient ADUs that earn an EPS. Qualifying units must meet specific [Energy Trust requirements](#), and must be permitted as an ADU by the local jurisdiction. ADUs can also qualify for solar + storage installed incentives.

Builders must also meet requirements 1.8 and 1.9, in addition to all other requirements, to receive solar + storage installed incentives for their ADU:

- 1.8 ADU must be grid-connected and receive electrical service from Portland General Electric or Pacific Power – either directly or through a shared meter with the main residence.
- 1.9 Must include a solar + storage system that is designed and installed with its own meter on the ADU, and qualifies for and receives Energy Trust solar + storage incentives. The ADU can have a shared meter but it must be able to isolate from the main residence during an outage.