

U.S. DOE Zero Energy Ready Home PV-Ready Checklist – Version 2.0 *DRAFT*



These PV Ready provisions of the DOE Zero Energy Ready Home program shall be met by any home or building certified under the program, unless one or more of the exceptions noted in the applicable program requirements applies. If one or more exceptions apply, a project may be certified under the DOE Zero Energy Ready Home program if all other applicable program requirements are met.

Application to Multifamily buildings: for multifamily buildings, the PV-Ready provisions listed below may be applied to the electric service for the building's common space instead of being applied to each dwelling unit.

These requirements were adapted from the U.S. EPA's Renewable Energy Ready Home Solar Photovoltaic Specification Guide. This guide can be accessed online at:

https://www.energystar.gov/sites/default/files/asset/document/Renewable_Energy_PV.pdf

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Item #	Requirement	Rater Verification
1	Designate a proposed array location and square footage on architectural diagram: PV _____ sq.ft.	<input type="checkbox"/>
2	Identify orientation (Azimuth) of proposed array location: PV _____ degrees.	<input type="checkbox"/>
3	Identify Inclination of proposed array location: PV _____ degrees.	<input type="checkbox"/>
4	Provide to owner code-compliant documentation of the maximum allowable dead load and live load ratings of the existing roof. (Recommended: allowable dead load rating can support an additional 6 lbs./sq. ft. for future solar system).	<input type="checkbox"/>
5	Provide to owner architectural drawing of solar PV system components. Alternative: As an alternative to providing an architectural drawing, the builder may instead provide to the owner the following information: <ul style="list-style-type: none"> • List of renewable-ready features • Available free roof area within +/- 45° of true south • Location of breaker or slot for future breaker in electrical service panel • Copy of the PV-Ready Checklist 	<input type="checkbox"/>
6	Install code compliant, 1" EMT conduit from the attic space beneath the designated array location or the roof area near the designated array location, to a location within 8 feet of the electric service panel. Cap and label both ends. <ul style="list-style-type: none"> • For ground-mounted PV systems, code-compliant conduit is run from the house to the location of the future array location 	<input type="checkbox"/>
7	Install or reserve space in the electrical service panel for the future installation of a dual pole circuit breaker for use by the PV system. Label the service panel.	<input type="checkbox"/>
8	Provide a copy of this checklist to building owner.	<input type="checkbox"/>

For projects designed for a future ground-mounted PV system, the following provisions apply:

- Only compliance with Items 1, 2, 3, 6, 7 and 8 in the table above is required.