



Solar Max Limited Warranty Addendum

Your Timberline Solar™ System shall be included in the definition of "GAF Products" covered by your *GAF Enhanced Warranty*. All of the terms and conditions of your *GAF Enhanced Warranty* shall be deemed to be incorporated into this *GAF Solar Max Limited Warranty Addendum*.

Timberline Solar™ System	Manufacturing Defect Coverage	Wind Warranty Coverage	Solar Power Output Coverage**	Solar Power Generation Coverage***	Misapplication Coverage	Electrical Workmanship****
Timberline Solar™ Shingle System Components Include: (1) the Timberline Solar™ ES Roofing Shingles; (2) electrical transition box and flashing; (3) QuickStart jumper module; and (4) wire bracket	See <i>GAF Enhanced Warranty</i>	See <i>GAF Enhanced Warranty</i>	25 Years	25 Years	See <i>GAF Enhanced Warranty</i>	10 Years
Rooftop Power Electronics*****	10 Years	N/A	N/A	25 Years	N/A	N/A
Inverter*****	10 Years	N/A	N/A	25 Years	N/A	N/A

* *GAF Enhanced Warranty* shall refer to your *Golden Pledge® Limited Warranty*, *Silver Pledge™ Limited Warranty*, or *System Plus Limited Warranty* as applicable. Please note that the *System Plus Limited Warranty* does not include Misapplication Coverage. IT IS YOUR CONTRACTOR'S RESPONSIBILITY TO REGISTER YOUR WARRANTY WITHIN 45 DAYS OF INSTALLATION. IF YOU HAVE NOT RECEIVED YOUR WARRANTY FROM GAF WITHIN 60 DAYS, YOU SHOULD CALL GAF AT: 1-888-532-5767, OPTION 5.

** **Solar Power Output** is defined as the amount of power, expressed in watts (W), that the Timberline Solar™ ES Shingles are capable of producing in ideal testing conditions. This Solar Power Output Warranty shall not be construed as any warranty or guarantee of any specific amount of Solar Power Generation, expressed in kilowatt-hours (kWh).

*** **Solar Power Generation**, expressed in Kilowatt-Hours (kWh), is the amount of energy delivered to the home by the Timberline Solar™ System Components, Inverter, and Rooftop Power Electronics working together. The amount of Solar Power Generation covered by this limited warranty is set forth in the Solar System Performance Table contained within your contract documents.

**** **Electrical Workmanship** Coverage applies **ONLY** if your GAF Energy Solar Certified Contractor purchased Electrical Installation Services from GAF Energy.

***** Only Rooftop Power Electronics and Inverters which are sold with your Timberline Solar™ System shall be covered by this Limited Warranty.

ROOFTOP POWER ELECTRONICS AND INVERTER: WHAT IS COVERED / SOLE AND EXCLUSIVE WARRANTY

GAF warrants that your Rooftop Power Electronics and Inverter will remain free from manufacturing defects that adversely affect their performance during the applicable warranty term listed above. Normal wear and tear and cosmetic shortcomings such as damage to the exterior or casing of a Rooftop Power Electronic or Inverter which does not adversely affect the product's performance shall not be considered a defect and is not covered under this limited warranty. If your Rooftop Power Electronic or Inverter does exhibit manufacturing defects which adversely affect their performance during the limited warranty term, GAF, at its sole option, will arrange for the defective product(s) to be repaired or replaced, or reimburse you for the reasonable costs of such repair or replacement. Any replacement products shall be warranted only for the remainder of the original warranty term.

SOLAR POWER OUTPUT WARRANTY: WHAT IS COVERED / SOLE AND EXCLUSIVE WARRANTY

GAF warrants to you that in the first year after installation of the Timberline Solar™ System, the actual power output in the aggregate will be no less than 98% of the original rated power output specified on the nameplate(s) of the Timberline Solar™ ES Shingles installed on your roof due to a manufacturing defect in the Timberline Solar™ System Components. For each subsequent year after installation of the Timberline Solar™ System, the actual power output in the aggregate will not decline by more than 0.55% annually for the remainder of the warranty term.

Year	Warranted Output	Year	Warranted Output
2	97.45	14	90.85
3	96.9	15	90.3
4	96.35	16	89.75
5	95.8	17	89.2
6	95.25	18	88.65
7	94.7	19	88.1
8	94.15	20	87.55
9	93.6	21	87
10	93.05	22	86.45
11	92.5	23	85.9
12	91.95	24	85.35
13	91.4	25	84.8

If the average aggregate power output is less than the Warranted Output stated above as a result of a manufacturing defect in the Timberline Solar™ System or its misapplication, as determined by GAF, GAF will, at its sole option, either (a) pay you the full reasonable cost of labor to repair or replace any defective Timberline Solar™ System components and will provide replacement Timberline Solar™ System components or the reasonable cost of obtaining replacement Timberline Solar™ System components or an appropriate alternative; (b) provide you with additional Timberline Solar™ System components, and the reasonable cost of labor to install the additional Timberline Solar System components, to make up for such loss in power generation; or (c) refund that portion of the original cost to install the Timberline Solar™ System components that corresponds to the difference between the Warranted Output and the actual output at the time of settlement (Actual Output). For example, if you make a claim in Year 1 and the actual output is 57% of the original rated power output specified, GAF will refund 41% [Warranted Output (98%) less Actual Output (57%)] of the original cost to install the Timberline Solar™ System components. GAF's maximum liability shall not exceed the original cost to install the Timberline Solar™ System components only, before any reduction for use.

SOLAR POWER GENERATION WARRANTY

This limited warranty is specifically conditioned on (a) your Timberline Solar™ ES Roofing Shingles being appropriately placed for optimal solar exposure – unless you purchased design services from GAF Energy and followed GAF Energy's recommendation for placement, in which case this condition does not apply and (b) your agreement to allow GAF Energy to view and access your home's electricity consumption and Timberline Solar™ System production data to the extent necessary to evaluate any claim hereunder. GAF warrants that on each five (5) year anniversary of the date the utility first grants permission to operate your Timberline Solar™ System (each an "Evaluation Date"), the Timberline Solar™ System will have produced the Warranted Cumulative Production as defined on the Solar System Performance Table contained within your contract documents. If the Actual Cumulative Production on each Evaluation Date is less than the Warranted Cumulative Production for that Evaluation Date as a result of a manufacturing defect in or misapplication of the Timberline Solar™ System, GAF will, at its sole option, either (a) pay you the full reasonable cost of labor to repair or replace any defective Timberline Solar™ System Component and will provide replacement Timberline Solar™ System components or the reasonable cost of obtaining replacement Timberline Solar™ System components; (b) provide you with additional Timberline Solar™ System components, and the reasonable cost of labor to install the additional Timberline Solar™ System components, to make up for such loss in power generation; or (c) refund that portion of the original cost to install the Timberline Solar™ System components that corresponds to the difference between the Warranted Cumulative Production and the Actual Cumulative Production at the time of settlement. For example, if you make a claim in Year 5 and the actual output is 80% of the Warranted Cumulative Production, GAF will refund 20% of the original cost to install the Timberline Solar™ System.

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We protect what matters most™



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ELECTRICAL WORKMANSHIP WARRANTY

If your GAF Solar Certified Contractor purchased electrical services from or through GAF Energy, and it is discovered that those electrical services resulted in improper wiring or electrical work which is adversely affecting the performance of your Timberline Solar™ System, GAF will arrange for a repair contractor to correct the improper wiring or electrical work at no cost to you for the duration of the Electrical Workmanship Warranty Term listed above.

WHAT IS NOT COVERED

In addition to the exclusions from coverage contained in your *GAF Enhanced Warranty*, the following Exclusions from Coverage shall apply:

1. Damage to or malfunction of your Timberline Solar™ System or degradation of electrical output resulting from:
 - a. installation in a corrosive environment, as determined by GAF, including but not limited to exposure to smoke, salt, chemicals, or other corrosive substances.
 - b. power surges or lack of utility power.
 - c. unapproved installation of equipment on the roof area adjacent to the Timberline Solar™ System, including without limitation, signs or air conditioning units.
 - d. any shade-causing circumstances or conditions with respect to your property that come into existence after the installation of the Timberline Solar™ System.
 - e. GAF's inability to view and access your home's electricity consumption and Timberline Solar™ System production data due to interruption in your internet connectivity or failures of monitoring equipment or related components.
2. Damage caused by improper wiring or electrical work, except as specifically provided for in the "Electrical Workmanship Warranty" section above.
3. Damages related to loss of power or production, including but not limited to rebates, refunds, credits, revenues, or any other benefit associated with solar generated electrical power, except as specifically provided for in the "Solar Power Generation Warranty" section above.
4. Damages related to loss of power or production related to:
 - a. loss of function of any rooftop power electronic or inverter, except as specifically provided for in the "Solar Power Generation Warranty" section above.
 - b. failure to maintain continuous active electrical service to your property for a period of 30 days or more.

All terms and conditions of your *GAF Enhanced Warranty* remain in full force and effect except as specifically modified herein.

By: _____
Authorized Signature

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