



# Energy

## Peninsular Malaysia Market Appendix

to the Green-e® Renewable Electricity  
Standard for International Certification

### Version 1.0

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Instructions for how to comment are available at:

[Call for Comments: Peninsular Malaysia](#)



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## I. Introduction and Structure

The purpose of this Peninsular Malaysia Market Appendix of the Green-e® Renewable Electricity Standard for International Certification (“Peninsular Malaysia Market Appendix”) is to provide market-specific Green-e® certification criteria for renewable electricity and Renewable Energy Certificate (REC) transactions in Peninsular Malaysia. Green-e® certification of transactions in Peninsular Malaysia must meet the criteria contained in the International Standard as well as all criteria in Peninsular Malaysia Market Appendix, which may differ from corresponding sections of the International Standard.

The following sections of the International Standard are not updated by the Peninsular Malaysia Market Appendix and must be followed by users of the Peninsular Malaysia Market Appendix as they appear in the International Standard:

***I.A - I.D, III.B, III.E, III.F, III.G, IV.A.- IV.D, V.B, V.C, VI.A and VI.B.***

The remaining sections of the International Standard are updated by corresponding sections of this Peninsular Malaysia Market Appendix. Following the sequential order and numbering convention of the International Standard, these sections are:

***II.A - II.C, III.A, III.C, III.D, V.A.***

All Market Appendices to the International Standard are available on the Green-e® website at [www.green-e.org/marketappendix](http://www.green-e.org/marketappendix). Further details on Market Appendix availability and development are provided in Section VII of the International Standard, available at [www.green-e.org/international](http://www.green-e.org/international).

## II. Eligible Product, Customer and Market Types

### A. Renewable Energy Product Types

Only the following renewable energy products are eligible for Green-e® certification under the Peninsular Malaysia Market Appendix:

1. Energy Attribute Certificates (EACs)
2. Renewable Electricity

Additional details about this product type can be found in Section II.A of the International Standard.

### B. Renewable Energy Attribute Provider and Procurement Types

A Green-e® certified Renewable Energy Product can only be obtained through one of the following providers and procurement types:

1. Renewable electricity and EACs from an electricity service provider or a state-owned utility
2. Procurement of EACs separately from electricity service. Providers of such EACs may be electricity service providers also, or companies that provide EACs without electricity service.
3. Procurement of attributes directly from a generator that is not owned by the electricity user through a Power Purchase Agreement. For example, contracts for differences, sleeved PPAs, and virtual PPAs. Contracts can be directly between an electricity user and a generator or a generator operator or between an electricity user and a state-owned utility.
4. Self-use of renewable electricity produced by user-owned generation equipment on-site.
5. Self-use of renewable electricity produced by user-owned generation equipment off-site.

### **C. Customer Type and Location**

Only the following customer type is eligible to purchase a Green-e® certified Renewable Energy Product:

1. Non-residential retail EAC and/or electricity customers, including commercial, Industrial and/or Institutional entities.

. Electricity consumers may claim to be using Green-e® certified renewable electricity if they purchase a Green-e® certified Renewable Energy Product that is generated in Peninsular Malaysia. The Green-e® program does not endorse renewable electricity usage claims based on purchases of renewable energy products generated outside of Peninsular Malaysia. However, the Green-e® program does not specifically prohibit sales that are certified under this Peninsular Malaysia Market Appendix from being made to purchasers located outside of Peninsular Malaysia.

## **III. Eligible Sources of Supply**

### **A. Renewable Resource Types**

Only the following types of renewable resources are eligible to be used in Green-e® certified Renewable Energy Product:

1. Solar, including photovoltaic and solar thermal electric
2. Wind
3. Geothermal

The following resources are not eligible to be used in a Green-e® certified Renewable Energy Product:

4. Ocean-based energy captured through tidal, wave, or ocean thermal energy conversion technologies
5. Hydropower
6. Solid, liquid, and gaseous forms of biomass
7. Biodiesel (B100), biomethane, biogas, bioethanol, green diesel, or syngas
8. Fuel cells

More information about customer type and location can be found in section III.A of the International Standard.

**C. Generator Age and “New Date”**

For a generator to be used in a Green-e® Energy certified Renewable Energy Product in Peninsular Malaysia, it must be placed into operation on the grid, or meet other applicable criteria in section III.C.1 of the International Standard, no earlier than the year listed under the “Applicable New Date” in the table below. The “New Date” will advance by one year each year after 2032

Year Certified Renewable Energy Product is Sold	Applicable New Date
2025 - 2030	2016
2031	2017
2032	2018

Additional information regarding Generator Age and “New Date” can be found in section III.C of the International Standard.

**D. Location of Eligible Generators**

**1. Geographic Location**

Generators providing electricity or EACs for a Green-e® certified Renewable Energy Product must be located in Peninsular Malaysia.

Because of the distinct regulatory structures of Malaysia’s three independent power grids, this Market Appendix applies only to renewable electricity and its associated attributes generated within Peninsular Malaysia. Generators located in Sarawak or Sabah are not covered under this Appendix.

Additional information can be found in section III.D of the International Standard.

## **V. Additional Criteria**

### **A. *Third Party Verification***

Renewable Energy products sourced through Malaysia’s Corporate Renewable Energy Supply Scheme program (CRESS) and Corporate Green Power program (CGPP) may need to provide additional documents in order to be considered as an eligible Green-e® certified Renewable Energy Product under this Market Appendix.

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