



## GLOBAL LEAP OUTSTANDING OFF-GRID APPLIANCE AWARDS 2016-17 OFF-GRID TELEVISION COMPETITION

### Competition Overview

#### Introduction

The Global Lighting and Energy Access Partnership (“[Global LEAP](#)”) Outstanding Off-Grid Appliance Awards (“Global LEAP Awards”) seeks to transform the global market for off-grid energy products by recognizing and rewarding the most energy-efficient, highest quality off-grid appliances. As an initiative of the Clean Energy Ministerial led by the U.S. Department of Energy, and supported by Power Africa and other partners, Global LEAP seeks to advance global clean energy access goals by harnessing the power of marketplace competition to drive technical and market innovations in the off-grid appliance sector.

The third Global LEAP Awards television competition (“Competition”) will recognize **high-quality, energy-efficient, and affordable color televisions** that are appropriate for use with off-grid energy systems.

Televisions are in high demand in under- and un-electrified parts of the developing world, and cost-effective televisions often inspire households and businesses to purchase small clean energy systems to power them—these energy systems can deliver environmental and socioeconomic benefits. Energy-efficient televisions optimize those benefits by extending run times and leaving more electricity for other uses. Energy-efficient televisions also require smaller, more affordable power systems. In all of these ways, quality-assured, energy-efficient off-grid televisions can drive and optimize energy access outcomes.

Manufacturers or associated distributors of eligible televisions are encouraged to nominate their products for the Global LEAP Awards. Nomination is free. Terms and conditions apply. See Official Rules for details.

CLASP serves as the Operating Agent and Administrator (“Administrator”) of the Global LEAP Awards.

#### Awards Eligibility Requirements

Products eligible for the Competition must:

- Be intended for use on off-grid energy systems (e.g. low-voltage DC systems, AC or DC mini-grids)<sup>i</sup>; and

- Be a commercially available flat panel color television<sup>ii</sup> (TV) or flat panel color TV combination unit<sup>iii</sup> (collectively “TVs”)<sup>iv</sup>; and Be available for sale, either retail or wholesale, separately from an energy system; and
- Be available for warehouse sampling by 10 February 2017; and
- Fall into one of the following three (3) categories
  1. **Small TVs** with a viewable screen size 390 cm<sup>2</sup> or greater but less than 700 cm<sup>2</sup>; or
  2. **Medium TVs** with a viewable screen size 700 cm<sup>2</sup> or greater but less than 1400 cm<sup>2</sup>; or
  3. **Large TVs** with a viewable screen size of 1400 cm<sup>2</sup> or greater.

*Table 1: Global LEAP Awards TV Competition Size Categories for TV Products*

	<b>Small Category</b>	<b>Medium Category</b>	<b>Large Category</b>
<b>Viewable Screen Area</b>	390 cm <sup>2</sup> ≤ x < 700 cm <sup>2</sup>	700 cm <sup>2</sup> ≤ x < 1400 cm <sup>2</sup>	1400 cm <sup>2</sup> ≤ x
<b>Nominal Diagonal Screen Size<sup>1</sup></b>	12" ≤ x < 16"	16" ≤ x < 22.5"	22.5" ≤ x

Eligible products must either

- Include an On/Off switch *AND* adequate instruction as to its use *AND* have a standby mode power consumption not exceeding 0.5W when measured at its nominal voltage in accordance with the Global LEAP Off-grid TV Test Method;

*OR*

- Not include an On/Off switch *AND* have a standby mode power consumption not exceeding 0.1W when measured at its nominal voltage in accordance with the Global LEAP Off-grid TV Test Method.

Eligible products must also:

- Receive NTSC and PAL signals at and above -50 dBm; and
- Be available with an analog or analog/digital tuner; and
- Pass all safety, workmanship, durability, and environmental test protocols in accordance with the Global LEAP Off-grid TV Test Method; and
- Not exceed RoHS specifications for the following six (6) toxic substances: Lead (Pb); Mercury (Hg); Cadmium (Cd); Hexavalent Chromium (Cr VI); Polybrominated Biphenyls (PBB); Polybrominated Diphenyl Ethers (PBDE).

Eligible products should also include a minimum two-year manufacturer warranty to cover parts and workmanship defects, serviceable in Bangladesh and the East African Community, in order to participate in an affiliated Global LEAP program to promote and incentivize the procurement and distribution of Global LEAP Awards winners and finalists.

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<sup>1</sup> Nominal diagonal screen size is based on a 16:9 aspect ratio, is approximate, and is included for illustrative purposes only. Program categories are based on viewable screen size.

## Competition Procedures

### 1. Nomination

Organizations that wish to nominate eligible TVs (“Products”) for the Competition should do so using the online [Nomination Tool](#). Nomination is free.

Entries may be submitted by Product manufacturers or associated distributors (“Nominators”). In the case of nominations from distributors, a supporting letter from the manufacturer that confirms their support for the Product’s nomination must be included with the submitted materials.

Submit the entry form and supporting materials electronically online or by emailing it to [info@globalleap.org](mailto:info@globalleap.org).

Nominators unable to submit the form online or by email should contact the Administrator for an offline version. The Administrator can be contacted via email at [info@globalleap.org](mailto:info@globalleap.org), or via fax at +1 (202) 750-5601, or via phone at +1 (202) 750-5589, or via post at:

Global LEAP Awards  
c/o CLASP  
1401 K Street NW Suite M50  
Washington, DC 20005  
United States of America

The ***deadline for receipt*** of Competition nominations is 23:59:59 EST on 20 January 2017. Early submissions are strongly encouraged. Nominators may submit more than one Product type or model, but a separate application package must accompany each submission.

#### Conditions of Entry

- Participants in the Global LEAP Awards may be added to Global LEAP mailing lists and contact databases, and may receive information on Global LEAP activities.
- Global LEAP, the Clean Energy Ministerial, and the Administrator may use the winning and/or finalist Products for public information purposes and to promote the Global LEAP Awards via such media as websites, brochures, and events.
- Global LEAP, the Clean Energy Ministerial, and the Administrator reserve the right to make public any Product specification and performance data gathered through this Competition.
- All decisions rendered by the Global LEAP Awards Selection Committee regarding award winners and finalists are final.
- Winning and finalist Products will be eligible to participate in an affiliated Global LEAP program to promote and incentivize the procurement and distribution of Global LEAP Awards winners and finalists. Additional information about this program is available on the [Global LEAP website](#).
- The Administrator reserves the right to adjust, strike, or redefine any of the program terms and conditions at any time and for any reason.
- Should no nominated Product in a given Competition category satisfy the Award competition requirements, the Administrator reserves the right to not name a Winner in that category.
- Materials submitted for the Awards will not be returned.

## 2. Pre-Screening & Notification

A panel of expert judges will pre-screen nominations and select “Preliminary Finalists” for each category of the Competition. This review will be based upon Product data as provided in the in the nomination.

The Administrator will notify Nominators of Preliminary Finalist selection by email on or before 10 February 2017. In order to ensure readiness for the evaluation process, Nominators should expect to be deemed Preliminary Finalists and prepare product samples accordingly.

## 3. Verification Testing

Upon receipt of Preliminary Finalist notification, Nominators must make a minimum of fifty (50) nominated Products available for random warehouse sampling. The Administrator’s designated sampling agent will randomly select two (2) nominated Products for testing. The samples will be packaged by the Administrator’s sampling agent, and then delivered by the Nominator to their shipping agent of choice.

The cost of shipping samples for testing will be borne by the Nominator. Warehouse sampling must be completed and samples must be received by the Administrator no later than 16 March 2017.

A fee of \$2,700 USD to cover the cost of Product testing must be paid by the Nominator to the Administrator for each Product named a Preliminary Finalist. An invoice of total fees due will be emailed along with the Finalist notice. In order to maintain Preliminary Finalist status, all payments must be received by the Administrator no later than 3 March 2017.

## 4. Evaluation Criteria

Preliminary Finalist Products will be evaluated based on a combination of quantitative and qualitative factors, as follows:

- Quantitative Factors
  - *Power Consumption*
  - *Performance in Under- and Over-Voltage Conditions*
  - *Performance After Exposure to High Heat and Humidity*
  - *Total Cost of Ownership*
- Qualitative Factors
  - *Design and Usability*
  - *Picture Quality*
  - *Innovative Features/Functions*
  - *Options for Content Delivery*
  - *Warranty*

## 5. Winner Selection Process

Preliminary Finalists will be awarded up to 100 points by means of two parallel assessments.

- A. *Laboratory Testing*: Testing of Products’ On mode, Off mode, and Standby mode energy performance, and certain design and quality factors, will be conducted according to the [Global](#)

[LEAP Off-Grid TV Test Method](#), a method developed referencing internationally-accepted test standards.

- B. *Expert Assessment*: A panel of expert judges will evaluate design and usability factors (options and functionality, look and feel of Product, packaging and instructions), and picture quality.<sup>v</sup>

Winners will be identified in the following way: **Up to 70 points** will be awarded based on a formulaic assessment of “total cost of Product,” which is based on Laboratory Testing results of power consumption (On mode and Standby mode) and standardized Global LEAP Awards assumptions about retail price, \$/kWh, Product lifetime, and daily usage.<sup>2</sup> **Up to 30 points** will be awarded based on the Expert Assessment.

The Product in each category that earns the most points will be declared the Winner of its category. Preliminary Finalists may be removed from the competition and not named a “Winner” or “Finalist” due to sub-standard performance, low quality or other concerns as determined by the Expert Judges and/or Administrator.

Product test results will be delivered to the Product Nominator on a confidential basis. Test results may be used by Global LEAP for market intelligence reporting.

For more information please see the Official Rules.

## **6. Benefits to Winners**

The Administrator expects to announce Winners and Finalists in China in early Summer 2017 during a ceremony at the 8<sup>th</sup> Clean Energy Ministerial, which will involve high-level government officials, industry, and press. The manufacturers of winning and finalist Products will receive the right to use a Global LEAP Awards logo and phrase in marketing materials for the Product.<sup>3</sup>

Additionally, a Global LEAP-sponsored communications campaign will be launched in conjunction with the awards to publicize the Winners and Finalists and raise consumer awareness about high-quality and energy-efficient off-grid appliances. Among other efforts, Global LEAP will distribute information about Winners and Finalists to off-grid industry leaders and procurement officials.

Further, Global LEAP Awards Winners and Finalists will be eligible to benefit from an affiliated Global LEAP program focused on incentivizing the large-scale procurement and distribution of Global LEAP Awards Winners and Finalists. Further details about this program are forthcoming. For more information, please see an [overview of this program](#).

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<sup>2</sup> Indicative Total Cost of Ownership calculation: (Product energy consumption\*standardized lifetime usage assumptions[kWh]\*\$/kWh) + (wholesale price\*standardized retail price modifier) = \$XX

<sup>3</sup> The Administrator reserves the right to exclude from all Competition promotions any finalist Product that fails or performs poorly in the Laboratory Testing and/or Expert Assessment.

## 7. Global LEAP Outstanding Off-Grid Appliance Awards Television Competition Timeline

Stage	Item	Due Date and/or Timeline
Awards Nominations	Nominations Open	14 November 2016
	Product Nominations Due	20 January 2017
Awards Pre-Screening	Preliminary Finalists Selected by Expert Panel	by 10 February 2017
	Preliminary Finalists' Nominators Notified	by 10 February 2017
Testing & Verification of Awards Finalists	Invoice for Testing Costs to Preliminary Finalists' Nominators	by 10 February 2017
	Preliminary Finalist Products Available for Random Warehouse Sampling	by 10 February 2017
	Testing Costs Payment Due	3 March 2017
	Warehouse Sampling Complete, and Samples Received by Administrator	by 17 March 2017
	Testing Begins	by 24 March 2017
	Testing Ends & Winners and Finalists Identified	by 12 May 2017
Awards Ceremony and Promotions	Winners and Finalists Named and Recognized at High-Profile International Event	Summer 2017

## 8. Awards Program Contact Information

For both general and specific inquiries about the Global LEAP Awards contact the Administrator: [info@globalleap.org](mailto:info@globalleap.org).

<sup>i</sup> Eligible Products should be designed to function safely and effectively within the voltage swings that are common in solar-charged, battery-based distributed energy systems. The Administrator anticipates that most Products will be designed for a nominal 12V DC application, but other voltages are eligible. For the purposes of the Competition, "energy system" means a battery either charged in the home (by a Solar Home System or similar system) or charged elsewhere and returned to the home, such as a lead acid battery.

<sup>ii</sup> A commercially available electronic product designed primarily for the reception and display of audiovisual signals received from terrestrial, cable, satellite, Internet Protocol TV (IPTV), or other digital or analog sources. A TV consists of a tuner/receiver and a display encased in a single enclosure. Liquid crystal display (LCD) is an example of a common display technologies. (Source: ENERGY STAR)

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<sup>iii</sup> A television product in which the TV and one or more additional devices (e.g., DVD player, Blu-ray Disc player, Hard Disk Drive) are combined into a single enclosure and which meets all of the following criteria: a) it is not possible to measure the power of the individual components without removing the product housing; and b) the product connects to a [power source] via a single power cord. (Source: ENERGY STAR)

<sup>iv</sup> Otherwise eligible flat panel monitors/displays that are sold with an integrated audiovisual signal tuner are also eligible, but only if they are eligible for ENERGY STAR TVs version 6.0.

<sup>v</sup> A Finalist may earn two (2) points of “extra credit” for each year of its warranty beyond the required two years (see eligibility requirements), up to eight (8) total points. Nominators must provide a copy of the warranty in English. The warranty must be serviceable in Bangladesh and East Africa.