



Republic of the Philippines
National Electrification Administration

26 July 2006

NEA MEMORANDUM No. 2006-019

MEMORANDUM TO ALL ELECTRIC COOPERATIVES

FROM : **PABLO M. PAN III**
Deputy Administrator for
Electric Distribution Utilities Services

SUBJECT : **GREEN ENERGY AWARDS PROGRAM**

The **GREEN-E AWARDS PROGRAM** aims to recognize and commend outstanding projects and programs that demonstrated superior and exemplary achievements in the development, utilization and promotion of renewable energy resources and technology and contributed to the economic, social and environmental development of the country. The Award Categories are:

- *Renewable Energy for On-Grid Electricity Generation*
- *Renewable Energy for Off-Grid Electricity Generation*
- *Renewable Energy for Non-power Applications*
- *Award for Innovativeness*

For further information, we are furnishing you a copy of the Awards Criteria, Guidelines and the Application Form. Submission of a complete application package will be on or before **October 31, 2006**. You may apply for more than one award category if the projects meet the eligibility requirements. In such cases, a complete application package must be submitted for each project.

You are advised to send your completed applications via Philippine Postal Service or hand-delivered to:

The Awards Committee
Green Energy Awards Program
c/o The CBRED Project
Department of Energy
2nd Floor, NPTL Building, Energy Centre
Fort Bonifacio, Taguig City, Philippines

Award winners will be recognized at the *Green-E Awards Ceremony* during the **Annual National Energy Week** celebrations in December 2006.

For your information and guidance.


PABLO M. PAN III

2006 Green-E Awards Application

(Outstanding Achievement in Renewable Energy)

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Program Objectives

The Green E Rating Program (GERP) is designed to promote and encourage greater utilization of renewable energy (RE).

It is an incentive mechanism to: (1) recognize the efforts and best practices of project developers, end-users, other organizations and individuals, who help foster the growth of RE in the country, (2) encourage stakeholders to implement RE projects and energy consumers to adopt RE technologies and (3) encourage innovations in local RE technologies to be more responsive to market needs. It also provides an opportunity for the RE industry to share information on the implementation and successful performance strategies.

GERP consists of an Awards Program and a Rating Protocol that are applied in the evaluation of qualified RE technologies and selection of RE projects that deserve recognition and worthy of emulation.

Award Categories

- Renewable Energy for On-Grid Electricity Generation
- Renewable Energy for Off-Grid Electricity Generation
- Renewable Energy for Non-power Applications
- Award for Innovativeness

Criteria

The selection of awards winners will be based on their positive contribution and capability to promote renewable energy as an investment. The following criteria will be used by the Panel of Judges in the selection process.

CRITERIA for Award Categories: On Grid, Off Grid, and Non Power Applications	(%)
Innovativeness	20
Replicability	20
Sustainability	25
Socio-Economic Impact	25
Environmental Impact	10
TOTAL SCORE	100

CRITERIA for Award for Innovativeness:	(%)
Project is highly innovative in nature	40
Project involves degree of originality	30
Project's innovativeness can be utilized by other developers	15
Project's usefulness to end-users	15
TOTAL SCORE	100

General Instructions

All organizations/individuals involved in renewable energy are encouraged to nominate RE projects or initiatives for the 2006 Green-E Award. To be considered, a project or initiative must meet the specific eligibility requirements in the award application.

Organizations and/or individuals must **submit a complete application package on or before October 31, 2006**. They may apply for more than one award category if their projects meet the eligibility requirements. In such cases, a complete application package must be submitted for each project.

Eligibility:

The Green-E Award is open to all RE projects. The project or activity may be nominated by the implementing organization or by other organizations/individuals. Also, they may be nominated in one or more categories.

Eligible projects are those that demonstrate uses of RE technologies, examples of which are:

- Photovoltaic
- Solar thermal water heating
- Wind power
- Geothermal heating and cooling
- Small hydro power
- Biomass systems
- Hybrid projects

Initiatives that offer support to RE development (e.g. financial mechanisms spearheaded by private sectors, LGUs, NGOs that helped small communities to access RET systems) are also eligible projects.

Nominated projects should have been completed on the date of application and should be in actual operation for at least six (6) months. All renewable energy features of the project must be installed and operational at the date of application. Projects which have won previous awards from local or international competition are still eligible to participate.

Application Instructions

Complete and submit an application package for each awards category that you are applying for. Make sure that you respond to the entire award criteria specified in the application.

Whenever possible, quantify the activities and the results and enclose documentation that supports claims made in the application.

Also, provide a brief overview of the organization and the project accomplishments. In the event that you are chosen to receive an award, this brief will be the basis in preparing a summary of the project's achievements.

Application Submissions

- Four (4) copies of nomination/application form which provides appropriate information on how the project or activity meets the criteria for the category chosen, and why an award is deserved.
- List of collaborators and support received.
- Certificate of practical completion and achievements.
- Four (4) colored photographic prints of the project images, preferably 8R standard prints (254 mm x 203 mm) properly captioned, or four (4) high quality

(300+dpi) digital images on a PC readable CD, clearly labelled with entry particulars, which must be accompanied by a set of good quality properly captioned 8R prints.

- A typewritten note on single sides of A4 sized paper using Arial 12 font with double spacing, which provide a narrative with details on the project or activity. The technical information should address in narrative form the requirements outlined in the Application Form and must be submitted in loose sheets in an envelope and not in any form of binder.

All applications/nominations must be **postmarked no later than October 31, 2006**. The Awards Committee will not accept any applications or materials date marked / postmarked after this date. Due to the anticipated volume of materials that will be received, the Committee is not obliged to return any document or promotional materials.

It is highly recommended to allow at least one week delivery time to avoid potential delays due to security screening process of standard mail to the Committee. Do not fax application packages or sample materials, as these will not be accepted. Send completed applications via Philippine Postal Service or hand-delivered to the address below:

The Awards Committee
Green Energy Awards Program
c/o The CBRED Project
Department of Energy
2nd Floor, NPTL Building, Energy Centre
Fort Bonifacio, Taguig City, Philippines

Confirmation of Receipt: The Committee will confirm receipt of applications either by e-mail or fax addressed to the applicant contact person. If confirmation is not received within two weeks from the time the application was sent, please contact the Green-E Awards Committee at (632) 840-21-75 or 840-14-01 local 268 or at franzbenito@yahoo.com or at fbenito@doe.gov.ph.

Notification: You will be notified by November 2006 on the status of your application.

Application Form

Part I: General Information

A. **Contact Information:** *Please provide the following required information.*

Name of Nominating Individual or Organization

Street Address

City

Province

Zip Code

Primary Contact Name

Title

E-Mail Address

Phone (including area code and extension)

Fax

B. **Project Address:** *Please provide if different from above.*

Official Name of Project or Activity *(Exactly as it should appear on the award)*

Street Address

City

Province

Zip Code

Primary Contact Name

Title

E-Mail Address

Phone (including area code and extension)

Fax

Web Site Address

C. **Implementing Organization and Address:** *Please provide if different from above.*

Official Name of the Organization (<i>Exactly as it should appear on the award</i>)		
Street Address		
City	Province	Zip Code
Web Site Address		
Primary Contact Name	Title	E-Mail Address
Phone (including area code and extension)	Fax	
D. Certification Statement:		
"I certify that the information provided in this application is true and accurate to the best of my knowledge.		
Printed Name/Signature	Title	Date

Part II: Project Information

In a typewritten note (the length of which is sufficient for appraisers evaluation) on single sides of A4 sized paper using Arial 12 font with double spacing, provide a narrative with as much detail as possible on the project or activity.

1. *Description of the project*
 - a. discussion of the project's goal and objectives or rationale
 - b. description of the complete system from renewable and non-renewable energy input and inclusive of energy, by-product, and effluent outputs must be provided
 - c. description of type of renewable energy source, its availability (include storage and handling of the source), and modes of delivery
 - d. power and energy required to operate the system
 - e. information on the system addressing utility system interconnection requirements, power purchase arrangements, and output energy storage systems.

Part II: Project Information

2. *System performance*

- a. description of expected power and energy production of the proposed system as rated and as expected in actual field conditions
- b. system performance on a daily, monthly, annual, and long-term basis
- c. identification of other products of the system operation with quantity and composition produced
- d. list of known effluents such as air and water, solids, and other residues
- e. identification of non-energy products with potential commercial value, such as fertilizers, soil amendments and hydrogen

3. *System design life*

- a. historical or engineering information that supports expected design life of the system and timing of major component replacements or rebuilds should be provided in this section.

4. *Use of power and energy supplied by the system*

- a. description of the uses of electricity, heat, torque, and energy stored by the renewable energy system.
- b. a discussion on how renewable energy system downtime will impact on any of the uses of the renewable energy supplied by the system and how and if such energy must or can be supplied by other means.

5. *Project cost and timeline*

- a. identification and itemization of project major costs
- b. a timeline and milestones for key activities, including project design, siting and permitting, system purchase, site preparation, system installation, operational testing, and decommissioning, if applicable.

Please submit a copy of certificate of practical completion and a maximum of four (4) colored photographic prints of the project images, preferably 8R standard prints (254 mm x 203 mm) properly captioned. In lieu of photographic prints, a maximum of four (4) high quality (300+dpi) digital image on a PC readable CD, clearly labelled with entry particulars together with a set of good quality properly captioned 8R prints.

Responses to the following criteria will be used by the Panel of Judges in the evaluation process.

1. *Environmental Impact*

- Estimate of performance of the supply system in terms of quantity of non-renewable energy replaced, CO₂ displaced or quantity of the improvement in indoor air quality, water quality, and land quality.

2. *Replicability*

- Site attractiveness for renewables in terms of its suitability, necessity and affordability

Part II: Project Information

of the technology and strategy used to implement the energy supply. Evidence must be provided to demonstrate that the project has been replicated by other development partners to address technology promotion in other viable areas.

3. *Contribution to the local economy*

The project or activity must have demonstrated community support and involvement and have made significant contribution to the growth of the local economy, validated by one or more of the following:

- Local government revenue (taxes, business permits, service fees, etc.) collection
- Jobs created in RE-powered social amenities and specific livelihood opportunities
- Social services that positively impact the community, such as, public calling offices, supply of potable water, multi-purpose telecenters, etc.
- Trainings provided to the community that contributes to the upgrading of skills of local manpower

4. *Innovativeness*

The innovation aspect of a project refers to the degree to which such concept, design and/or services are not currently found in other similar projects or activities. The project includes a reasonable method of assessing and reporting on the impact of such innovation, relative to the project purposes and goals.

Novel concepts, approaches or methods employed will be considered, such as:

- Investment requirement and financing – the innovative aspect of the project design must be clearly described especially innovative application of schemes to the particular situation
- Technology/complexity of set-up – the uniqueness of the application is the basis of judgement. It should be indicated how the innovations are keys to overall system performance.

5. *Sustainability*

Evidence must be provided to demonstrate that the project is successful and will be sustained by operating the same thru private resources.

- On-going business
- Commercial operation
- Number of years in operation