



THE REPUBLIC OF UGANDA

**MINISTRY OF ENERGY AND MINERAL  
DEVELOPMENT**

**ENERGY EFFICIENCY AND CONSERVATION  
DEPARTMENT**

**ENERGY MANAGEMENT AWARDS**

**CONCEPT NOTE**

## **1. BACKGROUND**

- 1.1 Energy is one of the engines for social economic development. However the ever rising costs of energy pose an increasing challenge to organizations as they endeavour to become more competitive in a liberalized and globalized environment. The application of Energy Management among the organizations reduces energy consumption, saves money as well as helps in mitigating climate change while enhancing corporate reputation. Most organizations can save 10% to 20% on their energy cost by integration of energy management in their organization structure
- 1.2 The main challenges in energy management in Uganda include: low levels of awareness on energy management, lack of knowledge on best practices, lack of motivation among energy consumers to save energy and inadequate financing of energy efficiency projects.
- 1.3 In order to address the challenges mentioned above, Government intends to introduce the Energy Management Awards. These awards will be held annually at National level with the aim of recognizing companies that have cultivated a culture of energy efficiency and conservation in their facilities.
- 1.4 The Energy Management Award (EMA) is an award for all energy consumers geared at encouraging a culture of energy efficiency and conservation. EMA recognizes organizations that have made major and sustainable gains in energy efficiency through the application of modern energy management principles and practices, and in the process made significant energy and cost reductions.

## **2. OBJECTIVES**

- 2.1 The main objective of the Energy Management Award is to recognize energy consumers who have made systematic attempts for efficient utilization, conservation and management of energy and have achieved substantial results/benefits.
- 2.2 The award is expected to promote awareness of energy Management among energy consumers as an increasingly important element in competitiveness, understanding of the requirements for excellence in energy management and conservation, and sharing of information on successful energy saving measures and the benefits derived from implementation of such measures.
- 2.3 Furthermore, the awards showcase the successful implementation of innovative, cost effective and transferable energy efficiency measures across a range of categories. They cover the full range of energy users, including large and small companies and the public sector.

### 3. VALUE PROPOSITION

- EMA will provide a good networking platform for energy consumers to share the good practices in energy management.
- EMA will recognize enterprises that have excelled in energy management and is therefore a motivation to the industry to employ good practices.
- EMA through the awareness workshops will build capacity of the technical personnel in the industry.
- EMA will create a forum where the success stories will be shared to development partners, Government & other stakeholders.
- EMA through seeking for sponsorship will encourage partnership and synergies with other corporate institutions in the energy sector.
- EMA will encourage good record keeping habits which is an essential practice in companies.
- EMA can also be used as an avenue of supporting implementation of regulations.

### 4. Award Categories

4.1 These Awards shall be classified into two main sectors namely: *Industrial sector* and *Services sector*. The two sectors shall further be subdivided into three categories namely, Large Energy consumers, Medium Energy consumers and Small Energy Consumers. The categorization will be based on the end user tariff structure adopted by UMEME Uganda as below (Find attached in the Annex I);

- Large Energy consumers:  
The large industrial consumers fall under the UMEME end user tariff structure code 40 and code 30. These exceed 500kVA and are high voltage, that is, 11kV or 33kV.
- Medium Energy consumers:  
The consumers fall under the UMEME end user tariff structure code 20. These consumers are below 500kVA and are low voltage supplied at 415V.
- Small Energy Consumers  
The consumers fall under the commercial consumers UMEME end user tariff structure code 10.2. These consumers are three-phase low voltage supplied at 415V but do not exceed 100 Amperes.

4.2 There are the ten (10) proposed Awards for the aforementioned categories in 1. They include;

- a) Energy Award 2017, Best Energy Champion of the Year
- b) Energy Award 2017, Best Energy Management team
- c) Energy Award 2017, Electricity Savings Award (Industrial Large, Industrial Medium and Industrial Small)
- d) Energy Award 2017, Fuel Savings Award (Industrial Large, Industrial Medium and Industrial Small)
- e) Energy Award 2017, Service Sector Award (Hotels, Universities)

## **5. PROCESS OF THE AWARDS.**

- 5.1 Interested companies shall apply by filling in the EMA entry forms. Eligibility of the applicants will be assessed based on the set requirements of the awards.
- 5.2 Prospective applicants will be required to fill in the **Energy Management Award Assessment Tool** and provide Energy data for at least the last two complete years (2015 to date).
- 5.3 All relevant evidence documents are required to be submitted along with the EMA Assessment Tool. Site visits will be conducted to follow-up and monitor the progress of filling in the EMA Assessment Tool.
- 5.4 The technical team will then have verification visits to the participating facilities, analyze and evaluate all the data collected and score them for shortlist. Then the Advisory council will review the shortlist and give their recommendations.
- 5.5 The Gala Night will be held at a venue that will be communicated to participating facilities at a later time in the course of energy management award process.

## **6. STRUCTURE OF THE AWARDS**

- 6.1 The responsibility for the award will be assigned to Uganda Energy Management Awards Committee (UEMAC). The committee will comprise;
  - The Advisory Council comprising of the Director ERD, ERA CEO, ED UMEME, ED UMA, Lead Energy Consultant and Senior Engineer From Academia.

Team	Number
Advisory Council	12
Panel of Judges	8
Technical Committee	14

- Technical committee having experts drawn from Government, GIZ PREEEP and Energy Auditors.
- Panel of Judges will be constituted every year by the technical committee, Senior Engineers from UMEME, ESKOM, and ERA whose assessment will be reviewed by the Advisory council.

## 7. SPONSORSHIP FOR THE AWARD

7.1 The Ministry of Energy and Mineral Development (MEMD) is the main organizers for the Energy Management Awards. Confirmed sponsors include; SUNREF Programme and GIZ. Other anticipated sponsors will include; Government Agencies in the energy sector such; the Electricity Regulatory Authority (ERA), Energy service providers such as the Utility companies, Oil companies, Power producers, financial institutions, Development Partners etc.

## 8. CONCLUSION

8.1 The Energy management award is a good initiative that will incentivize large energy users to be more prudent in their energy management. Participating firms will benefit by reducing their energy consumption and lowering energy bills. The best firms in this competition will be given an Energy Management Award.

8.2 The Energy Management Award scheme has been formulated knowing that the improvement of energy management within the organization should be a result of a self-motivated effort influenced by the competitive advantage of the organization.

8.3 We invite energy consumers to join the competition by registering with the Ministry of Energy and Mineral Development and call upon the service providers in the energy sector to support the Energy Management Award programme by registering as co-sponsors. Further information can be obtained from Merab Birungi On email: [merab.birungi@giz.de](mailto:merab.birungi@giz.de) or office line: 0434125500 or mobile: 0779149365 and the Ministry web site on [www.energyandminerals.go.ug](http://www.energyandminerals.go.ug)

## ANNEX I: Proposed Timeline

No.	Activity	Expected Date
1	Call for Application of EMA Program	24 <sup>th</sup> Aug 2017
2	Invitation of Companies to Apply for the Awards and sending of the EMA Assessment Tool	Aug-Sept 2017
3	First Awareness Workshop-Kampala	31 <sup>st</sup> Aug 2017
4	Second Awareness Workshop-Jinja	5 <sup>th</sup> Sept 2017
5	Follow Up visits on filling in EMA Assessment Tool	Sept-Oct 2017
6	Deadline for receiving the completed EMA Assessment Tool	27 <sup>th</sup> Oct 2017
7	Verification Visits to Participating companies	Nov 2017 – Jan 2018
8	Technical Assessment and Nomination of Award winners from Participating companies	Jan - Feb 2018
9	Review and Assessment of Scores by the Advisory Council	March 2018
10	Gala Night	13 <sup>th</sup> April 2018

## ANNEX II: UMEME ELECTRICITY END USER TARIFFS AND CHARGES

### Electricity End-User Tariffs and Charges



As notified by the Electricity Regulatory Authority, Umeme Limited hereby informs its esteemed customers of the applicable retail base tariff rates for the year 2017;

Customer Category	Time of Use	Retail Base Tariffs for 2017
		Shs/ kWh
<b>Domestic Consumers- CODE 10.1</b> Low Voltage single phase supplied at 240 volts	First 15 kWh in a month	150.0
	<b>Above 15 kWh in a month</b>	<b>696.9</b>
<b>Commercial Consumers- CODE 10.2</b> Three phase low voltage load not exceeding 100 Amperes supplied at 415 volts	Peak	815.9
	Shoulder	628.1
	Off- Peak	391.5
	Average	629.0
<b>Medium Industrial Consumers- CODE 20</b> Low voltage supplied at 415 volts, with maximum demand up to 500kVA	Peak	747.9
	Shoulder	575.7
	Off- Peak	355.6
	Average	577.8
<b>Large Industrial Consumers- CODE 30</b> High voltage 11000 volts or 33,000 volts with maximum demand exceeding 500 kVA but up to 1,500 kVA	Peak	498.2
	Shoulder	383.5
	Off- Peak	244.5
	Average	376.3
<b>Extra Large Industrial Consumers- CODE 40</b> High voltage 11000 volts or 33,000 volts with maximum demand exceeding 1,500 kVA and dealing in manufacturing	Peak	493.1
	Shoulder	379.6
	Off- Peak	243.3
	Average	372.8
<b>Street Lighting- CODE 50</b>		679.7

#### Note:

1. The Electricity Regulatory Authority announced that the above schedule of Base Tariffs shall be effective in the January 2017 billing cycle. For prepaid customers, the tariffs shall apply to all electricity purchases effective 1st January 2017.
2. The first monthly 15 kWh for the domestic customers shall be charged at a life line tariff of shs 150 per kWh.
3. The Electricity Regulatory Authority has introduced the Extra Large Industrial customers tariff category, for industrial customer supplied at high voltage, with maximum demand above 1,500 kVA and engaged in manufacturing. The new customer category and applicable tariff rates shall take effect in January 2017 billing cycle.
4. The other charges such as fixed monthly charges, maximum demand charges, inspection fees, new connection charges, reconnection fees and penalties for power theft remain unchanged from the previous year.
5. The Base Tariff rates shall apply to the estimated unbilled consumption resulting from either power theft or any instance leading to unbilled consumption.