

Energy Conservation Measure implemented in 2010-11

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector		
Year to be filled by BEE			Technology		
Description of the energy conservation measure:					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Agency that executed the project (with complete address and email):					
Total investment, Rs.			Year of implementation:		
First year energy cost savings, Rs.					
First year other savings, Rs.					
On annual basis	kWh	Coal (Tonnes)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/ kWh/ Tonnes/ Nm ³ / kL ...					
Company complete address:				We authorize Bureau to use this information for dissemination	
Contact person who could be contacted for more information:				Signature	
				Date	

Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2009-2010 and a CD containing the above information may be enclosed.

STATE ENERGY CONSERVATION AWARD - 2011
UNIVERSITIES, ENGINEERING, MEDICAL AND DEGREE COLLEGES
"Award Questionnaire"

Note: Universities, Engineering, Medical and Degree Colleges having hostels connected load of 100KW/ 120 KVA and monthly average bill of Rs. 0.5 lakh.

Sl. No	General Description	
1	Name of the organization owning and maintaining the nominated Office Building	
2	Specific name of the nominated building	
3	Year of commencement of the official/ commercial activities in the building	
4	Complete address of building's location (including Chief Executive's name & designation) with telephone, fax nos. & E-Mail	
5	Name, designation, address, telephone, mobile, fax nos. & E-Mail of responsible person who could be contacted in connection with the application for Award	

6 Description of the Building and Connected Load (kW)

Building Status (Please tick appropriate box)

6 (a) Stand alone building Part of a building complex

6 (b) No. of floors _____

6 (c)	Building Area and Connected Load	2009-10	2010-11
(i)	Total Built up Area (in m ²)		
(ii)	Air-conditioned area (in m ²)		
(iii)	Non- Airconditioned area (in m ²)		
(iv)	Total Connected Load (in kW)		
6 (d)	Building contract demand with electric utility company (kVA)		
6 (e)	Average power factor for the period		
6 (f)	Building operating hours		
6 (g)	Generating set – Capacity & hours using		
6 (h)	Use of Renewable Energy Sources, if any		
6 (i)	Any steps taken to conserve water		

7 Electricity Energy Consumption in the Office Building

	Energy used	Units	2009-10	2010-11
7	Electrical Consumption			
(a)	Electricity Purchased	Lakh kWh		
(b)	Self generated	Lakh kWh		
(c)	Total Electricity Consumption (a+b)	Lakh kWh		
(d)	Total electricity consumption/ Total built-up area (in kWh/m ²) = $\frac{7(c)}{6(c)(i)} \times 10^5$	kWh/m ²		
8	Achievement of energy savings from implementation of new Energy Efficiency Projects for the current year			
	Year	Electricity (Lakh kWh)	Any Other	
	2010-11			

Summary

Please summarize the information and data provided in this questionnaire as per the format given below:

STATE ENERGY CONSERVATION AWARD –2011 **UNIVERSITIES, ENGINEERING, MEDICAL AND DEGREE COLLEGES**

SUMMARY SHEET

Unit Name

9a. Specific Energy Consumption (SEC) Reduction during the period 2009-10 & 2010-11 (S.No. 7 (d))		
Year	Total electricity consumption/ Total built-up area (kWh/m ²)	% Reduction over 2009-10
2009-10		--
2010-11		
9b. Absolute Savings		
Elect. Saving (Lakh kWh) in 2010-11 (i)	Elect. Consumption (Lakh kWh) in 2009-10 (ii)	% Elect. Saving (savings achieved/ electricity consumption of previous year) (i) / (ii) x 100

I, Solemnly declare that to the best of my knowledge the information given in the Award Questionnaire (National Energy Conservation Award-2011) thereto is correct and complete.

(Signature of the Competent Authority)

Name & designation

Mobile No.

Date:

Place:

Organization Seal

SECA - 2010 - Evaluation & Weightage criteria - Office Buildings		
Sr. No.	ITEM	Max 50 marks
1	ENERGY SAVINGS - Electrical and Thermal	
	Electrical Energy savings in 2010-11	
	% Saving in EE over the previous year 2009-10	(20 marks)
2	SPECIFIC ENERGY CONSUMPTION REDUCTION	
	% reduction in Electric energy consumption/Total built-up area during 2010-11 over 2009-10	(20 marks)
3	% reduction in Total energy/ Total built-up area comparison with the best reported values among the participating units	(10 marks)

Note: *The above evaluation and weightage criterion is common for all the Office Buildings. If due to some peculiar characteristics of the participating sectors, the application of the above criteria may not be feasible. Therefore, Award Committee reserves the right to modify the criteria, which shall be uniformly applied to all the participating Office Buildings.*

ANNEXURE-C
STATE ENERGY CONSERVATION AWARD - 2011
(UNIVERSITIES, ENGINEERING, MEDICAL AND DEGREE COLLEGES)
"Award Questionnaire"

1	Name of the Unit						
2	The Sector* to which unit's nomination should be considered						
3	Complete address of Unit's location (including Chief Executive's name & designation) with mobile, telephone, fax nos. & e-mail						
4	Name, designation, address, mobile, telephone, fax nos. & e-mail of responsible person who could be contacted in connection with the application for Award						
5	Please provide details in the following format on major energy efficiency improvement projects/ measures including in-house R&D efforts, technology innovation, energy substitution and renewable energy systems commissioned during the year 2010-11 giving energy savings achieved. (Please also fill-up the Annexure-D for the Energy Conservation Measures implemented during the year 2010-11).						
Year of Commissioning of the projects	Project description	Achievement of energy savings per year basis					Investment incurred on the project Rs. Lakhs)
		Electricity	Fuels*			Total savings in (Rs. Lakhs)	
		(Lakhs kWh)			Gas (lakhs Nm ³)		
(i) Please list the projects title names which were implemented during the year (ii) Please mention the achievement of energy saving against each projects in the suitable columns.							
2010-11							

* Delete or add fuels as the case may be

I, Solemnly declare that to the best of my knowledge the information given in the Award Questionnaire (National Energy Conservation Award-2011) thereto is correct and complete.

(Signature of the Competent Authority)

Date:

Place:

Name & designation

Mobile No.

.....

Organization Seal

***DOCUMENTS
ATTACHED:***

1. Copies of Certificate pertaining to statutory requirements such as safety and pollution control for the period 2009-10 are enclosed.
2. A brief write up of the unit (not more than 3-4 pages) along with photographs depicting equipment / locations where energy efficiency activities have been undertaken and a CD containing the same is attached.

STATE ENERGY CONSERVATION AWARD – 2011

UNIVERSITIES, RESIDENTIAL ENGINEERING, MEDICAL AND DEGREE COLLEGES

Award for Excellence in Energy Conservation and Management

OBJECTIVE

The objective of the scheme is to give national recognition to the management of buildings in Universities, Residential Engineering, Medical and Degree Colleges who have made systematic and continuous efforts for efficient utilization and conservation of energy during the years 2009 -10 and 2010-11.

THE AWARDS

First and second prizes are proposed to be given to the management of nominated buildings in Universities, Residential Engineering, Medical and Degree Colleges in the form of a Silver Plaque with appropriate citation on such awards as may be decided by the Ministry of Power. The performance of the nominated office buildings would be judged through a questionnaire (format enclosed) which would be evaluated by an Award Committee.

Office buildings getting the First Position for the third year in a row will be eligible for a “Top Rank Award” for that year. The Office building eligible for Top Rank Award for 3rd year in a row would be given the highest prize, namely “**Excellence Award**” (Instead of Top Rank Award) in recognition of its consistent performance.

ELIGIBILITY

The scheme is open to all **Buildings in Universities, Residential Engineering, Medical and Degree Colleges**, which are **having hostels, connected load of 100KW/120KVA and monthly average bill of RS. 50,000/- and above.**

Criteria for Judging Merit

- a) Evaluation of the nominations will be done in two phases.
- b) In the first phase, evaluation will be made on the basis of the preliminary information, as required in Annexure – A and the best 10% of the participating office buildings (subject to minimum 5) would be short listed.
- c) These short listed office buildings would then have to submit the details of the savings made and the projects implemented, as required in Annexure-C.
- d) **The members of the Award Committee or their nominees may visit office buildings for verification of data supplied, if felt necessary, and it will be obligatory on the part of the management of nominated buildings to extend necessary co-operation.**
- e) The Committee's decision would be final and no appeal would be entertained.

Submission of nomination

The filled in questionnaire should reach the office of

Vice Chairman & Managing Director
Non-Conventional Energy Development Corporation of A.P. Ltd.
5-8-207/2, Pisgah Complex, Hotel Yatrik Compound, Nampally
Hyderabad – 500 001
Tel Nos: 040-23202391 / 23203638 / 23202262
Fax No: 040 – 23201666
E-mail: info@nedcap.gov.in / nedcap@ap.nic.in
Website: www.nedcap.gov.in

Last date for submission of documents: 31-10-2011.