

Proposed Energy Conversion Factors

1 kWh	-	860 kilocalories (kCal)
1 kg Coal/Coke	-	Gross Calorific Value as per supplier's (coal company's) latest certificate
1 kg Charcoal	-	6,900 kCal or as per supplier's latest certificate
1 kg Furnace Oil/ RFO / LSHS / NAPHTHA	-	10,050 kCal (density = 0.9337 kg/liter) or as per supplier's latest certificate
1 kg HSD	-	11,840 kCal (density = 0.8263 kg/liter) or as per supplier's latest certificate
1 kg Petrol	-	11,200 kCal (density = 0.7087 kg/liter) or as per supplier's latest certificate
1 kg Kerosene	-	11,110 kCal (density of SKO = 0.7782 kg/liter) or as per supplier's latest certificate
1 kg LPG	-	12,500 kCal or as per supplier's latest certificate
1 m ³ Natural Gas	-	8,000-10,500 kCal (Actual calorific value as per supplier's latest certificate may be considered.) In case of non-issue of certificate by the supplier, average of the range 8000 -10,500 kCal/m ³ may be considered)

STATE ENERGY CONSERVATION AWARD - 2011

MUNICIPALITY/CORPORATION

"Award Questionnaire"

Not e:	All Municipal Corporations/Urban Local Bodies are eligible to apply			
Sl. No	General Description			
1	Name of the Municipal Corporation			
2	Year of Formation of Municipal Body			
3	Complete address for Correspondence (including Chief Executive's name & designation) with telephone, fax nos., E-Mail and Mobile nos.			
4	Name, designation, address, telephone, mobile, fax nos. & E-Mail of responsible person who could be contacted in connection with the application for Award			
5	Description of the Municipality and Connected Load (kW)			
	General Description	2009-10	2010-11	
i	Total Area of Coverage (in Sq. kilometers)			
ii	Population (in Lakhs)			
iii	Quantity of drinking water pumped in Million m ³ /year			
iv	Quantity of Sewage Pumped in Million m ³ / year			
6	Electricity Energy Consumption in the Municipality			
	Energy used	Units	2009-10	2010-11
	Electrical Consumption			
(a)	Electricity Purchased	Lakh kWh		
(b)	Self generated	Lakh kWh		
(c)	Total Electricity Consumption (a + b)	Lakh kWh		
(d)	Electricity consumption for street lighting	Lakh kWh		
(e)	Electricity consumption for drinking water pumping	Lakh kWh		
(f)	Electricity consumption for sewage pumping	Lakh kWh		
(g)	Electrical Energy Consumption in Street lightening/total area covered [6 (d) / 5 (i)]	Lakh kWh/km ²		
(h)	Electrical Energy Consumption in drinking water pumping / Quantity of water supplied /area of coverage [{6 (e) / 5 (iii)} / 5 (i)]	Lakh kWh / million m ³ /km ²		
(i)	Electrical Energy Consumption in Sewage pumping / Quantity of sewage pumped /area of coverage [{6 (f) / 5 (iv) } / 5 (i)]	Lakh kWh/million m ³ /km ²		
7	Achievement of energy savings from implementation of new Energy Efficiency Projects for the current year			
	Year	Electricity (Lakh kWh)	Any Other	
	2009-10			

8 Summary

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

STATE ENERGY CONSERVATION AWARD –2011 **MUNICIPALITY/CORPORATION**

SUMMARY SHEET

Unit Name

8a. Specific Energy Consumption (SEC) Reduction during the period 2009 – 10 & 2010-11 (S.No. 6)						
Year	Electrical Energy Consumption in Sewage pumping / Quantity of sewage pumped /area of coverage (Lakh kWh/million m ³ /km ²)	% Reduction over 2009 -10	Electrical Energy Consumption in Street lightening/total area covered (lakh kWh/km ²)	% Reduction over 2009 - 10	Electrical Energy Consumption in drinking water pumping / Quantity of water supplied /area of coverage (Lakh kWh/million m ³ /km ²)	% Reduction over 2009 -10
2009 - 10		--		--		--
2010-11						
8b. 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-2010) thereto is correct and complete.

(Signature of the Competent Authority)

Name & designation

Mobile No.

Date:

Place:

Organization Seal

STATE ENERGY CONSERVATION AWARD - 2011		
Evaluation criteria –MUNICIPALITY/CORPORATION		
S. No.	ITEM	Max 50 marks
1	ENERGY SAVINGS	
i	Electrical Energy savings in lakh kWh for 2010-11	
	% savings in EE over the previous year (2009-10)	(10 marks)
2	SPECIFIC ENERGY CONSUMPTION REDUCTION	
i	Specific Electrical Energy Consumption in street lighting (kWh/km street lighted)	
	% SEC reduction during 2010-11 over 2009-10	(10 marks)
ii	Specific Electrical Energy Consumption in drinking water pumping (kWh/million m ³ / km)	
	% SEC reduction during 2010-11 over 2009-10	(10 marks)
iii	Specific Electrical Energy Consumption in sewage pumping (kWh/million m ³ / km)	
	% SEC reduction during 2010-11 over 2009-10	(10 marks)
3	Specific Energy Consumption Comparisons with the best reported values among the participating units	(10 marks)

NOTE: *The above evaluation and weightage criterion is common for all the municipalities/corporations. 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 municipalities/corporations.*

* *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 (State 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 2010-11 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
MUNICIPALITY/CORPORATION
Award for Excellence in Energy Conservation and Management

OBJECTIVE

The objective of the scheme is to give national recognition to the management of municipalities who have made systematic and serious attempts 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 municipality/corporation in the form of a Silver Plaque with appropriate citation on such awards as may be decided. The performance of the nominated municipality/corporation would be judged through a questionnaire (format enclosed) which would be evaluated by an Award Committee.

The Municipality/Corporation getting the First Position for the third year in a row will be eligible for a “Top Rank Award” for that year. The Municipality 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 Municipalities/Corporation.

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 municipalities (subject to minimum 5) would be short listed.
- c) These short listed municipalities/corporation 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 nominated municipalities for verification of data supplied, if felt necessary, and it will be obligatory on the part of the management of nominated buildings to provide necessary co-operation.**
- d) The Committee's decision would be final and no appeal would be entertained

Submission of nomination

The filled in format should reach the office of

Vice Chairman & Managing Director

Non-Conventional Energy Development Corporation of A.P. Ltd.

5-8-207/2, Pishgah Complex, Hotel Yatrik Compound, Nampally

Hyderabad – 500 001

Tel Nos: 040-23202391 / 23203638 / 23202262

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Website: www.nedcap.gov.in

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

