

**STATE LEVEL
ENERGY CONSERVATION AWARDS**

UNDER

**ENERGY EFFICIENCY / CONSERVATION
PROGRAMME**

FOR

THE STATE OF PUNJAB



**PUNJAB ENERGY DEVELOPMENT AGENCY,
SOLAR PASSIVE COMPLEX
Plot No. 1-2, Sector 33-D, Chandigarh-160034
PHONE: 0172-2663328, 2663382 Fax: 0172-2662865
Website: www.peda.gov.in; Email: paramjitsingh@peda.gov.in**



PUNJAB ENERGY DEVELOPMENT AGENCY (PEDA) ANNOUNCES

“STATE LEVEL AWARD FOR EXCELLENCE IN ENERGY CONSERVATION AND MANAGEMENT”

OBJECTIVE OF AWARD SCHEME:

- To give "State Recognition" to facilities/units who have taken extra efforts for efficient utilization management and conservation of energy during the last two years 2015-16 & 2016-17 in the state of Punjab.
- Awards: Cash Prize, Trophy & Certificate.

PEDA is pleased to invite the application from organization from following sectors:

- Energy Intensive Industries (Designated Consumers)
- Manufacturing Enterprises
- Commercial buildings

Participants may get the questionnaire from the office of the under mentioned address.

Last date for submitting filled in Questionnaire:- 28th February, 2018

For further details Contact:-

Executive Director

Punjab Energy Development Agency

Solar Passive Complex,

Plot No. 1 & 2, Sector-33 D, Chandigarh

Phone: 0172-2663328, 2663382, FAX: 0172-2662865

Website: www.peda.gov.in; Email: paramjitsingh@peda.gov.in

PEDA: WORKING TOWARDS A SUSTAINABLE ENERGY FUTURE

PUNJAB ENERGY DEVELOPMENT AGENCY (PEDA)

STATE LEVEL ENERGY CONSERVATION AWARDS

“Award for Excellence in Energy Conservation and Management”

OBJECTIVE

To give “State Recognition” to facilities/units who have taken extra efforts for Efficient Utilization, Management and Conservation of Energy during the last two years 2015-16 & 2016-17 in the state of Punjab.

THE AWARDS

First and second prizes are proposed to be given in each sub category in the form of a Cash Prize & Trophies as well as Certificate of appreciation with appropriate citation as decided by PEDA. The performance of Units would be judged through the questionnaire (format enclosed) and subsequent presentation or visit to short listed units which would be evaluated on the mentioned evaluation criterion by the Award Judging Committee.

The Award Committee would take a final decision on the number of awards depending on the number and quality of entries received in each category.

ELIGIBILITY/ CATEGORIZATION

The scheme is open to the following categories operating in Punjab State only:

Category 1: Energy Intensive Industries (Designated consumers) in the following sub categories:

- a) Thermal Power Stations with an annual energy consumption of 30,000 MTOE / year
- b) Textile with an annual energy consumption of 3,000 MTOE / year
- c) Pulp and Paper with an annual energy consumption of 30,000 MTOE / year

Category 2: Manufacturing Enterprises in the following sub categories

- a) Large and Medium scale
- b) Small scale
- c) Micro scale

Category 3: Commercial Buildings having connected ≥ 100 kW in the following sub categories

- a) Offices – Government & Private Buildings
- b) Educational Institutions – Government & Private Buildings
- c) Hotel Buildings
- d) Hospital Buildings
- e) Malls & Shopping Complex Buildings

Important: The annual reports for these years are required to be attached along with the "Award Questionnaire".

Criteria for Judging Merit

- a) Evaluation of the nominations will be done based on the Evaluation and Weight age criteria as given in **Annexure-A**.
- b) Evaluation will be made on the basis of the information and the savings made along with the projects implemented, as required in Questionnaires.
- c) The Award Committee will decide the recipient of the awards on the basis of the outstanding achievements and contribution in the field of energy efficiency, conservation and management (subject to minimum of 3 units).
- d) The award committee will analyze the entries and the decision of the committee would be final.
- e) The Award may not necessarily be decided on the basis of quantitative achievements, but other factors such as innovative techniques and technologies adopted, commitment of the management, organizational set-up to promote energy efficiency and energy conservation in the unit, etc. would also be considered. (A copy of Questionnaire/ Application is enclosed).
- f) The members of the Award Committee or their nominees may visit participating units for verification of data supplied, if felt necessary and it will be obligatory on the part of the participating units to provide necessary co-operation to this committee.
- g) The committee may invite some of the selected units for presentation in Chandigarh before finalizing the list of Award winning units. The units have to bear all the expenditure in this connection.
- h) The Committee's decision would be final and no appeal would be entertained.

Instructions for Filling up the 'Award Questionnaire'

- a) The data required for the questionnaire pertains to the accounting years (2015-2016 and 2016-2017. If calendar year is the accounting year, then data should pertain to the years 2016 and 2017.)
- b) The enclosed questionnaire is only a format and thus information sought should be separately computer printed or neatly typed or to be downloaded from the PEDA's website: www.peda.gov.in
- c) PEDA will receive questionnaires from Energy Intensive Industries, Manufacturing Enterprises & Commercial Buildings. After scrutiny of the questionnaires by Award Committee. PEDA may invite the selected units for further scrutiny and presentation.
- d) The answers to the questions should be precise and specific and should be supplied in total compliance with the questionnaire format. The deviations may lead to improper evaluation or the rejection of the nomination.**



- e) The information sought under any head should be highlighted under the same and no separate annexure should be attached.
- f) Each and every query mentioned in the questionnaire needs to be answered. Even, if answer is 'NO' or 'NOT APPLICABLE' the same may be stated, instead of ignoring it.
- g) The questionnaire should be filled in by a competent and responsible person of the company. He/ she should be fully conversant with the energy terms and units, conversion / multiplying factors etc.
- h) The duly filled-in questionnaire should be signed by the Chief Executive of the company / industrial unit.

SUBMISSION OF NOMINATION

One neatly bound copy (preferably spiral bounded) of the questionnaire and a soft copy along with unit's annual financial audited reports (If available) for the years 2015-2016 and 2016-2017 should reach the office of:

Executive Director
Punjab Energy Development Agency
Solar Passive Complex,
Plot No. 1 & 2, Sector 33-D, Chandigarh
Phone: 0172-2663328, 2663382, Fax: 0172-2662865
Website: www.peda.gov.in; Email: paramjitsingh@peda.gov.in
Latest by 28.02.2018

Note:

1. Photocopies of the Questionnaire can be circulated to your sister concern units or other eligible participant to participate in the State Energy Conservation Award Scheme.
2. You may download the Questionnaire from www.peda.gov.in
3. PEDA will be authorized to use the information submitted through questionnaire for public use.
4. Canvassing in any form shall automatically disqualify the applicant.

PROPOSAL FOR STATE LEVEL ENERGY CONSERVATION AWARDS

S. No.	Category	Sub Category	Type of Award for each sub category
1	Energy Intensive Industries (Designated Consumer)	<ul style="list-style-type: none"> • Thermal Power Plant • Textile • Pulp & Paper 	1 st Prize = Rs. 0.50 Lac, Trophy & certificate 2 nd Prize = Rs. 0.30 Lac, Trophy & certificate
2	Manufacturing Enterprises	<ul style="list-style-type: none"> • Large and Medium scale • Small Scale • Micro Scale 	1 st Prize = Rs. 0.50 Lac, Trophy & certificate 2 nd Prize = Rs. 0.30 Lac, Trophy & certificate
3	Commercial Buildings	<ul style="list-style-type: none"> • Offices – Government & Private Buildings • Educational Institutions – Government & Private Buildings • Hotel Buildings • Hospital Buildings • Malls & Shopping Complex Buildings 	1 st Prize = Rs. 0.50 Lac, Trophy & certificate each 2 nd Prize = Rs. 0.30 Lac, Trophy & certificate each

Annexure A

Evaluation and weightage criterion

Category 1: Energy Intensive Industries (Designated consumers- Textile and Pulp & Paper)

Sr. No.	Item	Max 50 Marks
1	ENERGY SAVINGS – Electrical and Thermal	20
(i)	Electrical Energy savings in 2015-16 & 2016-17	
	% Saving in Electrical Energy over the previous year 2015-16 & 2016-17	
(ii)	Thermal Energy savings in 2015-16 & 2016-17	
	% Saving in Thermal Energy over the previous year 2015-16 & 2016-17	
2	SPECIFIC ENERGY CONSUMPTION REDUCTION	20
(i)	% Specific Energy Consumption Reduction during 2015-16	
(ii)	% Specific Energy Consumption Reduction during 2016-17	
3	Specific Energy Consumption Comparisons with the best reported values among the participating units	8
4	ISO 50001 EnMs certified units	2

Category 1: Energy Intensive Industries (Designated consumers- Thermal Power Plants)

Sr. No.	Item	Max 50 Marks
1	ENERGY SAVINGS – Electrical and Thermal	20
(i)	Electrical Energy savings in 2015-16 & 2016-17	
	% Saving in Electrical Energy over the previous year 2015-16 & 2016-17	
(ii)	Thermal Energy savings in 2015-16 & 2016-17	
	% Saving in Thermal Energy over the previous year 2015-16 & 2016-17	
2	STATION GROSS HEAT RATE IMPROVEMENT	15
(i)	% improvement in Station Gross Heat Rate during 2015-16	
(ii)	% improvement in Station Gross Heat Rate during 2016-17	
3	% AUXILLARY CONSUMPTION REDUCTION	8
(i)	% Reduction in Auxiliary Consumption during 2015-16	
(ii)	% Reduction in Auxiliary Consumption during 2016-17	
4	ISO 50001 EnMs certified units	2
5	Comparison of % deviation of Operating Station GHR from the Design GHR Parameters with the best reported deviation values among the participating TPS	5

Category 2: Manufacturing Enterprises

Sr. No.	Item	Max 50 Marks
1	ENERGY SAVINGS – Electrical and Thermal	20
(i)	Electrical Energy savings in 2015-16 & 2016-17	
	% Saving in Electrical Energy over the previous year 2015-16 & 2016-17	
(ii)	Thermal Energy savings in 2015-16 & 2016-17	
	% Saving in Thermal Energy over the previous year 2015-16 & 2016-17	
2	SPECIFIC ENERGY CONSUMPTION REDUCTION	20
(i)	% Specific Energy Consumption Reduction during 2015-16	

(ii)	% Specific Energy Consumption Reduction during 2016-17	
3	Specific Energy Consumption Comparisons with the best reported values among the participating units	8
4	ISO 50001 EnMs certified units	2

Category 3: Commercial Buildings having connected ≥ 100 kW

Sr. No.	Item	Max 50 Marks
1	ENERGY SAVINGS – ELECTRICAL	
	Electrical Energy savings in 2015-16 & 2016-17	
	% Saving in EE over the previous year 2015-16 & 2016-17	30
2	SPECIFIC ENERGY CONSUMPTION REDUCTION	
	% reduction in Electric energy consumption/Total built-up area during 2015-16 & 2016-17	15
3	ISO 50001 EnMs Certification	5

- The above evaluation and weightage criterion is common for all the participating units. If due to some peculiar characteristics of the participating units, the application of the above criteria may not be feasible. In such a case, Award Committee reserves the right to modify the criteria, which shall be uniformly applied to all the participating units.
- The units having negative specific energy consumption reduction shall not be considered for the award.
- For all the evaluation criteria, if the difference between the first and second unit in the particular criteria is more than 10% in the percentage score, then the second best unit will be awarded 10% less marks than that of the first unit and prorate will start from that building onward. Similarly, if the difference between second and third building is also found to be more than 10% the above methodology will be followed till the completion of the evaluation criteria of all the units.
- In case of category 1 and category 2, if it is found that for a particular unit in a particular category, the % SEC reduction, GHR improvement / Auxiliary Consumption reduction (Thermal Power Plants) is exceptionally high mainly due to increased capacity utilization or changes in the manufactured product combination and is affecting the weight age of other units, Award Judging Committee reserves the right to modify the Evaluation & Weight age criteria for that category.
- The Weightage criteria for the two years 2015-16 and 2016-17 would be in the ratio of 50:50.