Guidelines for

Scheme on

STATE LEVEL ENERGY CONSERVATION AWARDS



DEPARTMENT OF NEW AND RENEWABLE ENERGY, HARYANA HARYANA RENEWABLE ENERGY DEVELOPMENT AGENCY (HAREDA)

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STATE LEVEL ENERGY CONSERVATION AWARDS

1. BACKGROUND

The Govt. of India has enacted Energy Conservation Act- 2001 with the objective to provide a regulatory framework for formulation and implementation of Energy Conservation strategy in the Country for efficient use of energy. This act has come into force with effect from 01.03.2002.

The Govt. Of Haryana has designated the Department of New and Renewable Energy / Haryana Renewable Energy Development Agency (HAREDA) as the State Designated Agency (SDA) to coordinate, regulate and enforce the provision of the Energy Conservation Act, 2001 in the State of Haryana. The Haryana Govt. has identified energy conservation as one of the thrust areas and many initiatives have been taken in this regard. One of the initiative is to give awards to those consumers of industrial, commercial, govt. buildings, educational institutions, hospitals, municipal committees / corporations and individuals who have excelled in adopting the various energy conservation measures in their buildings / units to save electricity / other fuels.

2. **OBJECTIVE OF THE SCHEME:**

- i. To create awareness among the Industrial, Commercial, Govt. Buildings and Educational Institutes sectors about the energy conservation.
- ii. To recognize the efforts of the Industrial, Commercial, Govt. Buildings and Educational Institutes sector consumers in conserving energy by way of giving them awards/certificates of merit.

3. CATEGORIES OF STATE LEVEL AWARDS:

To encourage and motivate, it is proposed to give State Level Award for Excellence in Energy Conservation and management every year for the following Categories of consumers:

Cat. No.	Category of Award	Award money
1	Industries and MSMEs	
1.A.	Industries	
	i. Connected Load 1 MW and aboveii. Connected Load below 1 MW	 i. Certificate and Shield only to First and Second winner. ii. Certificate and Shield only to First and Second winner
1.B.	MSMEs	
	Registered MSME(Micro, Small and Medium Enterprise) Industries of Haryana and IT Industries of Haryana under IT & ESDM Policy, 2017 having: i. Connected load of 1 MW or above	 i. First prize Rs 2.0 lac and certificate & Shield ii. Second Prize Rs 1.0 lac and certificate & Shield
	ii. Connected load of 100 kW or above and below 1 MW	 i. First prize Rs 1.0 lac and certificate & Shield ii. Second Prize Rs 0.50 lac and certificate & Shield
2	Commercial Buildings	
	Any type Commercial Buildings (Shopping Malls/ Plazas / Hotel/ Hospitals /Corporate/ Resorts/ ITs	

	etc)including GRIHA/ LEED/GEM/ or IGBC/ ECBC compliant buildings: i. Connected Load 1 MW and above ii. Connected Load of 100 kW or above and below 1 MW	 i. First prize Rs 2.0 lac and certificate & Shield ii. Second Prize Rs 1.0 lac and certificate & Shield i. First prize Rs 1.0 lac and certificate & Shield ii. Second Prize Rs 0.50 lac and certificate & Shield ii. Second Prize Rs 0.50 lac and certificate & Shield
3	Govt. Buildings	
	a. Govt./ CPSUs/ PSUs Buildings/ Offices including LEED/Green Building, GRIHA rated or ECBC Compliant building (having connected load above 500 kW)	 i. First Prize Rs 2.0 lac and certificate & Shield ii. 2nd Prize Rs 1.0 lac and certificate & Shield
	b. Govt./CPSUs/ PSUs Buildings/ Offices having connected load below 500 kW and above 30 kW	 i. First Prize Rs1.0 lac and certificate & Shield ii. 2nd Prize Rs 0.50 lac and certificate & Shield
4.	Institutions organization and soc	ieties
A.	Institutions & Organizations a. Govt. & Pvt.	i. First Prize Rs 2.0 lac and certificate & Shield
	Schools / Colleges /Instituti ons/ Universities (Having connected load of 500 kW or above)	ii. Second Prize Rs 1.0 lac and certificate & Shield
	b. Govt. & Pvt. Schools / Colleges /Institutions/ Universities (Having connected load below 500 kW and above 30 kW)	 i. First Prize Rs. 1.0 lac and certificate & Shield ii. 2nd Prize Rs. 0.50 lac and certificate & Shield
В.	Group Housing Societies/ Residential Buildings having connected load more than 100 kW	 i. First Prize Rs 1.0 lac and certificate & Shield ii. Second Prize Rs 0.50 lac and certificate & Shield
5	Innovation/ New Technologies / R&D Projects including innovative promotional Projects , Research & Innovation in energy conservation, energy efficiency, Waste to Energy and Renewable Energy Area, efficient natural resource management	 i. First Prize Rs 2.0 lac and certificate & Shield ii. 2nd Prize Rs 1.0 lac and certificate & Shield
6	Best Energy Auditing/ Green Buildings/ ECBC Implementing Firms/ Agencies	Certificate and Shield only to First and Second winner.
7	Energy Efficient substation of Power Utilities: i. 66kV or below ii. Above 66 kV	 i. First Prize Rs. 0.5 lac and certificate & Shield ii. 2nd Prize Rs. 0.25 lac and certificate & Shield i. First Prize Rs 1.0 lac and certificate & Shield ii. Second Prize Rs 0.50 lac and certificate & Shield
	Total Award Money	24.75 Lakh

4. **ELIGIBILITY CRITERIA**:

The State Govt. has made some energy conservation initiatives by making energy efficient lighting, Solar Rooftop Power Plant, Energy Audit, ECBC etc. mandatory for various categories through Govt. notifications as per detail given below:

- (i) Vide notification no. 22/52/2005-5Power dated 21.03.2016, Installation of Solar Rooftop Power Plants has been made mandatory for various categories of buildings.
- (ii) Vide notification no. 19/06/2016-5P dated 31.03.2016, implementation of Energy Conservation Building Code (ECBC) has been made mandatory for various categories of Buildings having connected load of 100 kW and above or contract demand of 120 kVA and above.
- (iii) Vide notification no. 22/52/05-5 Power dated 25.6.2008 and notification no. 22/52/05-5 Power dated 29.06.2016, the use of light emitting diode (LED) lamp/ Tube lights or energy efficient lighting (More efficient then LED) shall be made mandatory for all Central or State Government Offices and Public Sector Undertaking Institutions or establishments located in the State of Haryana; and Electricity Consumers in Industrial, Commercial and Institutional sectors having connected load of 30 kilowatt or above.
- (i) Vide notification no. 19/21/2016-5P dated 09.11.2016, Energy Audit and its implementation has been made mandatory for various categories of Buildings

The applicant categories falling in the above categories which have complied with above notification of the State Govt. shall be eligible for applying for State Level Energy Conservation Awards.

5. <u>METHODOLOGY FOR INVITING NOMINATIONS</u>

- Nominations for these awards shall be invited by the HAREDA/DNRE in the prescribed forms / online after giving due publicity through News Papers as well as uploading the advertisement on the website of HAREDA.
- Also, wide publicity shall be given by the respective Additional Deputy Commissioner through local news papers and local consumers/industrial associations. The applicant shall require to submit the application in the prescribed format along with relevant enclosures with the respective O/o the Additional Deputy Commissioner as per time schedule mentioned in the advertisement notice (In case online website is operational in due course of time, application shall be uploaded on online and prescribed online Performa shall be signed by Energy Manager / Energy Auditor / Accredited Energy Auditor.
- Applications shall be evaluated by the sub-committee of DNRE/HAREDA and after verifying the data, these shall b ` recommended for nomination for State Level awards.
- State Govt. has also constituted a committee under the Chairmanship of Administrative Secretary to Govt. Haryana, Energy consisting of following members to consider the recommendations of District Level Committees in this regard and finalize the best entries for giving away the State Level awards:

i.	Administrative Secretary, Energy Department	Chairman
ii.	Director General, NRE / HAREDA	Member
iii.	A representative of BEE, Ministry of Power, GOI	Member
iv.	A representative from Industries & Commerce	Member
	Department Haryana	
٧.	A representative from Petroleum Conservation	Member
	Research Association/ CII/NPC/ ASSOCHEM/PHDCCI	
vi.	Additional Director / Project Director ,	
	New & Renewable Energy Department Haryana	Member
vii	Project Director New & Renewable	

vii. Project Director, New & Renewable
Energy Department, Haryana / Scientific Engineer (A), Member Secretary
HAREDA

6. **EVALUATION CRITERIA**:

The evaluation criteria & guidelines for each category shall be different as per energy conservation measures required in above categories as per detail given below:

Industries

Sr. No	Parameters				Marks Allotted
1.	Energy Conservation Policy (3 Mark	s) and Mai	nagement Cell (2	2 Marks)	05
2.	Detailed Energy Audit conducted on	ce in last t	hree years by:	,	15
	a. BEE Accredited Energy Auditor firms / EmAEA (copy of the detailed energy audit needs to be enclosed with the application). (Maximum Marks				
	15) or				
	b. BEE Certified Energy Auditor Firms (Third Party (Maximum Marks 10)				
	c. BEE Certified Internal Energy			,	
3.	Energy Savings due to Implementat	ion of Ener	gy conservation	measures	20
	 Energy Saving due to differer 	nce in Prev	ious year consu	ımption: 1	
	mark for 1 % saving and Max.		_		
	(Example for 2020: (Ele	•	•		
	consumption of 2020)/ Ele	•	•	,	
	required electricity bills of 2				
	consumption like DG diesel		•		
	Energy Saving due to impler			•	
	Energy Consumption (SEC) (•	,	
	Documents Required: Vet				
	reduction and / or proc	-	uipment's insta	lled in case of	
	implementation of EC measu				00
1.	Investment made by the firm for imp	lementatio	n of recommend	lations mentioned	20
	in the detailed energy audit report.				
	Investment for	Marks (M	laximum Marks	40)	
	Implementation of Energy	AEA /	BEE Certified	BEE Certified	
	Audit report	EmAEA		Internal	
	recommendations		Auditor Firms	Energy	
			(Third Party)	Auditor	
	50% or more investment	20	15	10	
	made in that year: -				
	35% to <50% investment	15	10	5	
	made in that year:-				
	25% to <35% investment	10	5	3	
	made in that year:-				
5	Investment made on RE and EC Te	chnologies	installed in Unit	s other than	10
	Energy Audit report recommendation				
	 With investment of Rs 10.0 C 		= 10 marks		
	 With investment of Rs 1.0 Cr 	below 10.0	Cr = 5 marks		
	○ With investment of Rs 10.0 la	kh below 1	.0 Cr = 3 mark	S	
6	CSR Initiative in the area of RE and	EC and In	vestment Made:		5
	 With investment of Rs 10.00 I 	acs or abo	ve = 5 r	narks	
	 With investment of Rs 05.00 I 	acs below	10.0 lacs = 3 n	narks	
	 With investment of Rs 01.00 I 	acs below	05.0 lacs = 2 n	narks	
7	ISO 50001 certified units			5	
3	ISO 16000-40/ ISO 14001 or any otl	ner certifica	ation related to E	Energy /	5
	Environment/ Water Conservation/ N				
9	Whether any awareness campaign / training regarding EC measures organized			5	
	by the industry in collaboration				
	PCRA/NPC/Industries Association				
10	Live tree exists in unit premises (1 N	lark for E t	roco)		5

11	ETP (3) and Rain Water Harvesting system (2) installed in the unit	5
	Total	100

Buildings Categories (Categories 2,3 and 4)

Sr.	Parameters				Marks
No 1	Energy Conservation Policy (2 Marks)	and Manag	rement Cell (2 Ma	vrlco)	Allotted
1.	Energy Conservation Policy (3 Marks)			urs)	05 15
2.	Detailed Energy Audit conducted once		•	detailed	15
	a. BEE Accredited Energy Auditor firms / EmAEA (copy of the detailed energy audit needs to be enclosed with the application). (Maximum Marks				
	15) or				
	b. BEE Certified Energy Auditor Firms (Third Party) (Maximum Marks 10)				
	c. BEE Certified Internal Energy A	•	• , ,		
3.	Energy Savings due to Implementation	,		asures	25
	A. Energy Saving due to difference	in Previou			
	for 1 % saving): Max. <u>10 Marks</u> .				
	(Example for 2020: (Elect	•	•	•	
	consumption of 2020)/ Elect	•	•	,	
	required electricity bills of 20		020. For inclusion	n of other fuel	
	consumption valid doc proof red B. Energy Saving due to implemen	•	EC maggires / (1 mark for 2 %	
	saving and max 5 marks). Docu		•		
	or proof of Equipment's installed			••	
	c. p. co. or Equipmont of motioned	5455 01		00000100.	
	C. EPI based : 10 Marks				
	○ EPI (below 80 kWH/Sq ft per ye	ear) or GR	RIHA 4 Star or ab	ove or LEED /	
	IGBC Platinum or Super ECBC c	ompliant o	r eq. = 10 marks		
	o EPI (below 140 upto 80 kWH/So	d ft per ye	ar) or GRIHA 2-3	Star or LEED/	
	IGBC Gold/Silver or ECBC+ com	•	•		
	○ EPI (below 200 upto 140 kWH/S		,		
	IGBC Certified or ECBC complia	int or equiv	alent = 03 marks		
					20
4.	Investment made by the firm for implent in the detailed energy audit report.	nentation c	if recommendation	ns mentioned	20
	Investment for Implementation of Energy Audit report	Marks (M	laximum Marks 2	5)	
	recommendations	AEA /	BEE Certified	BEE	
	recommendations	EmAEA	Energy Auditor	Certified	
			Firms (Third	Internal	
			Party)	Energy	
				Auditor	
	50% or more investment made in	20	15	10	
	that year: - 35% to <50% investment made in	15	10	5	
	that year:-	10	10	3	
	25% to <35% investment made in	10	5	3	
	that year:-				
5.	Energy Saved by Investment made	on Ren	ı ewable Enerav	Technologies /	10
	Innovation / energy efficient build		• • • • • • • • • • • • • • • • • • • •	•	
	management.	0 (,		
	●With investment of Rs 100.00 lacs or above = 10 marks				
	 With investment of Rs 10.00 lacs below 100.0 lacs= 5 marks 				
	 With investment of Rs 01.00 la 	cs below 1	0.0 lacs = 3 mark	S	
6	CSR Initiative in the area of RE and EC and Investment Made:				5
	●With investment of Rs 10.00 lac	s or above	e = 5 marl	KS	
	With investment of Rs 05.00 lacs below 10.0 lacs = 3 marks				
	●With investment of Rs 01.00 lac	s below 05	5.0 lacs = 2 mark	(S	
6.	Whether any awareness campaign / tra	aining rega	rding EC measure	es organized by	5

	the industry in collaboration with District Office of HAREDA/ BEE/	
	PCRA/NPC/Industries Association	
7	Any Award to the Building from any govt. body/ reputed association/ NGO or Any	5
	ISO Certification or provision of water harvesting system or Building Management	
	System implemented	
10	Live tree exists in unit premises (1 Mark for 5 trees)	5
11	ETP (3) and Rain Water Harvesting system (2) installed in the unit	5
	Total	100

Evaluation Criteria for Category 5 and 6:

The Committee will decide the recipient of the awards on the basis of outstanding achievements and contribution in the field of energy conservation, energy efficiency, Waste to Energy and Renewable Energy Area energy conservation/ Waste to Energy / efficient natural resource management adopted by companies in the State. The Award may not necessarily be decided on the basis of only quantitative achievements but also taking into account the various other factors such as innovative techniques and technologies adopted, commitment of the management, environment friendliness organizational set-up to promote energy conservation in the unit, etc. A detailed presentation/ case study needs to be submitted for this purpose while applying for the award. The award to category 5 and 6 will be presented to the applicants only if they have registered/ operational office / unit in Haryana. Since there is no award money, applicant(s) with highest score / best performance will be selected for the award every year for category 6, in order to encourage the energy conservation activities in the State.

Detailed Evaluation Criteria for category 6 is as under:

Sr. No.	Parameters	Marks 100)	(Max.
1	Year of Experience in Energy Auditing/ Green Buildings (1 Marks for each Year of experience). or	10	
	Year of Experience in ECBC Compliance buildings (2 Marks for each Year of experience).		
2	No. of full time Energy Auditors / Certified Green Building Professional working in the company (3 Marks per professional) Or/and Accredited Energy Auditors (AEA) 5 marks / AEA Or No. of part time/ associated energy auditor / certified green building profession working in the company (1 Marks per professional) Or/and Accredited Energy Auditors (AEA) 2 marks / part time / associated AEA	11	
3	No. of Energy Audit Conducted during the Year or simulation/ evaluation of green building completed (within the State of Haryana): 2 marks each	14	
4	No. of detail audit carried out in Designated Consumers during the year Or no. of ECBC Compliance buildings completed (constructed within the State): 5 marks per unit	12	
5	Empanelment / Work order executed with SERC/CERC /SDA/BEE and other Quasi Judiciary bodies/ Government department/ Agencies for undertaking energy audit/ ECBC / green building simulation (2 marks per W.O./ Empanelment)	8	
6	List of instruments in possession required for Energy Audit, along with calibration Certificates from any NABL (one marks per major instrument)	5	
7	Whether the Agency is an ISO certified?	5	
8	Appreciations / Energy Conservation Awards/other Awards received/ Attended refresher course organized BEE or its Agency	5	
9	The variety of the sectors audited or green building plan formulated during the year (1 mark per sector)	5	

10	Registered office in Haryana	5
11	Innovative technologies and innovative projects implemented under firm guidance	5
12	Whether the Agency is registered MSME of Haryana.	5
13	No. of Energy Audit conducted for applicants applying for awards / No. Of applications submitted for SLECA Awards (1 mark per application)	10
	Total	100

Evaluation Criteria for Category 7:

Sr. No	Parameters	Proposed Mark allocation
-	Substation energy management Cell / Team	05
2.	Detailed Energy Audit conducted in last three years by: a. BEE Accredited Energy Auditor firms / EmAEA (copy of the detailed energy audit needs to be enclosed with the application). (Maximum Marks 20) or b. BEE Certified Energy Auditor Firms (Third Party) having minimum Three Year Working Experience with desired measuring equipment's (Maximum Marks 15) c. BEE Certified Internal Energy Auditor / Internal Energy Management Cell (Maximum Marks 10)	
3.	Energy Savings in building premises of substation due to Implementation of Energy conservation measures: a. Energy Saving in the substation building due to energy efficient appliances: 1 mark for 1 % energy saving (Max mark 5 marks) or EPI based: 5 Marks EPI (below 80 kWH/Sq ft per year) or GRIHA 4 Star or above or LEED / IGBC Platinum or Super ECBC compliant or eq. = 5 marks EPI (below 140 upto 80 kWH/Sq ft per year) or GRIHA 2-3 Star or LEED/ IGBC Gold/Silver or ECBC+ compliant or eq. = 04 marks EPI (below 200 upto 140 kWH/Sq ft per year) or GRIHA 1 Star or LEED/ IGBC Certified or ECBC compliant or equivalent = 03 marks	
4.	AT&C losses reduction (5 Marks for 1% reduction w.r.t. previous year)	15
4.	Investment made at substation for implementation of recommendations mentioned in the detailed energy audit report. Investment for Marks (Maximum Implementation of Marks 25) Energy Audit report A BEE BE recommendations EA /Certified E EmAEA Energy Certified Auditor Internal Firms (Third Energy	
	Party) Auditor 50% or more 2 15 1 investment made in 0 0	

	that year: -	
	35% to <50% 1 10 5 investment made in 5	
	that year:-	
	25% to <35% 1 5 3	
	investment made in 0 that year:-	
	criac year.	
	 Investment made on Renewable Energy Technologies / Innovation / energy efficient building design features/ natural resource management other than Energy audit report recommendations: With investment of Rs 100 .00 lacs or above = 10 marks With investment of Rs 10 .00 lacs below 100.0 lacs= 5 marks With investment of Rs 01.00 lacs below 10.0 lacs = 3 marks 	
6	Star rated Transformers installed in the Substation: Max marks 15	10
	i. Five Star: 3 marks * no of Transformer	
	ii. Four Star: 2 marks * no of Transformer	
	iii. Three Star: 1 Mark * no. of Transformer	
	iv. Two Star: 0.5 Mark* no of Transformer	
8	Whether any awareness campaign / training regarding EC	
	measures organized at substation in collaboration with District Office of HAREDA/ BEE/ PCRA/NPC/Industries Association etc or	
	any exhibition organised	F
ļ	,	5
	Any Award to the substation from any govt. body/ reputed association/ NGO or Any ISO Certification or Building Management System implemented	
	Live tree exists in Building premises (1 Mark for 5 trees)	3
	ETP / Rain Water Harvesting system installed in the substation	2
	Total	100

Brief guidelines:

- For claiming marks of energy savings mentioned in the evaluation criteria (Energy Saving), the firm has to submit the details of previous year electricity/energy consumption bill along with the detail of electricity/energy bills for the year for which application of award is being submitted. If the industry/ unit has installed any additional machinery due to which the energy consumption bill has increased even after implementation of energy audit report, the industry needs to give the reasons in detail with proper justification. The specific energy consumption of the product may be indicated and compared with that that of the previous year to give an authentic picture of energy savings.
- For claiming the marks for investment in implementation of detail energy audit report, the industry needs to submit the audited statement of expenditure.
- The application should not be submitted loose and it should be submitted on A-4 size sheets, properly indexed and should be neatly spiral bound with all annexure. Applications with incomplete information and supporting documents will be summarily rejected.
- The application for award is to be submitted in the prescribed application format enclosed.

7. **GENERAL GUIDELINES:**

- (i) The applications to be submitted by the applicant online, however applicants should get verify the relevant category annexure / application format from the BEE approved Energy Auditor/ Energy Manager with the certificate that "all the parameters/ information mentioned in the application has been verified and is correct as per the record submitted and verified by the Energy Manager/ Energy Auditor" and same shall be uploaded online.
- (ii) Applications shall be evaluated by the sub-committee of DNRE/HAREDA and after verifying the data, these shall be recommended for nomination for State Level awards.
- (iii) The applicants who have been given State Level Energy Conservation Award shall not be eligible to apply for award for next three years from year for which award is given except category 6. (e.g. the applicant who has been given award for 2017-18 can apply for the award in the year 2021-22 or thereafter).
- (iv) Only the applicants, who secure minimum 40 marks in the evaluation criterion, shall be eligible for the Award.
- (v) The decision of the State Level Committee shall be final & binding and no appeal would be entertained.

Annexure-I

STATE LEVEL ENERGY CONSERVATION AWARD "Award for Excellence in Energy Conservation and Management" "Award Questionnaire for 2022-23

1. BASIC INFORMATION ABOUT THE INDUSTRY

1	Name of the Unit/ Organization		
2	Category of Award for which your Nomination should be considered		
3	Complete address of unit/ Organization:- (i) Address: (ii) Telephone No.: (iii)Fax No.: (iv)E-mail Id: (v) Website if any:		
4	Detail of Concerned official to be contacted for any additional Information: (i) Name: (ii) Designation: (iii) Mobile No.: (iv)E-mail Id:		
5	Year of Establishment and / or MSME Registration No. / IT Industries under IT & ESDM Policy, 2017 details.		
6	Unit Connected Load (KW)/ Contract Demand		
7	Production and capacity utilization details (For Industries): a. Main Product b. Units c. Installed Capacity d. Actual Production e. % capacity Or	2021-22	2022-23
8	Whether your organization has been awarded Energy Conservation Award earlier. If yes: i. Category of Award: ii. Year: iii. Amount of Award:		
9	Best Practices, If any. May attach additional sheet if required.		

2. Organizational set up for Energy Conservation:

А	Whether any Energy Conservation Policy exists/ published/ notified or not?. If Yes, a copy of the Policy to be enclosed and marked as Annexure A
В	Whether any management cell exists or not?. If Yes, EC management Cell to be enclosed and marked as Annexure B .

3. **ENERGY CONSUMPTION AND COST:**

Sr. No	Component	Year	Year
1	Purchased Electricity (Attach 12 Month	2021-22	2022-23
1	electricity bills as:)		
	a. Units (Iakhs kwh/year)		
	b. Total Cost (Rs. Lakhs/year)		
2	Own Generation		
	i) Through DG sets		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	ii) Through steam / gas turbine route		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	iii) By any other means (In case of thermal power plants pls specify Auxiliary Consumption)		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs		
3	Total consumption of electricity (purchased		
	+own generated in the plant) (Iakhs		
	kwh/year) (1 a + 2 (i) a + 2 (ii) a+2 (iii) a)		
4	Total cost of electricity consumption In the		
	plant (Rs. lakhs/year)		
	(1b+2(i)b+2(ii)b+2(iii)b)		
5	RE/ Solar Generation (Iakhs kwh/year)		

4. SPECIFIC ENERGY CONSUMPTION (SEC) OF THE UNIT:

i)	SEC for Year 2021-22:
ii)	SEC for Year 2022-23:
•	

5. **ENERGY AUDIT DETAILS**

А	Whether any energy audit has been undertaken in your unit in last three years? If yes, please give the details on the following:	
	i) In which year the energy audit was carried out?	
	 ii) Whether a. It was detailed energy audit by BEE Accredited Energy Auditor Firm / EmAEA. b. Energy audit by BEE certified energy auditor Firm (third Party). c. Energy audit by Internal Energy Auditor. (Please provide the certified copy of the energy audit 	
	report)	
В	Did you engage with any EmAEA/ Accredited Energy Auditor Firm / Energy Service Company (ESCO)/ Third Party Energy Auditor Firm to implement Energy Conservation measures? If yes please the name of agency and other details (i.e. experience, Work Order copy etc.)	
С	Investment made by your Firm / Organization for implementation of recommendations mentioned in the detailed energy audit report? If yes give detail. About: i. No. of measures recommended in the audit report: ii. Tentative expenditure required to implementation these measures: iii. Percentage of Investment made against the investment proposed by Energy Auditor (%)	

6. ENERGY SAVING MEASURES AND INVESTMENT

a) Details of Investment made for <u>implementation of recommendations mentioned in</u> <u>the detailed Energy Audit Report</u> (Any report last three year will be considered).

Sr. No.	EC Measure as per Audit report	Investme nt proposed (Rs Lakh)	Energy Saving Potential recommend ed (kWh)	EC Measure Implemente d (Yes or Not)	Year of Implement ation	Investme nt Made (Rs Lakh)	Energy Saving Achieved (kWh)
				-			
	Total			-	-		

b) Details of Investment made on <u>Renewable Energy Technologies / Innovation/</u>
<u>R&D measures</u> in Units other than Energy Audit report recommendations

Year	Demonstration Project/ Technology innovation/ RE /	Savings ach	Investment made *	
	R&D under taken (please specify)	Energy value (kWh)	Rs. in lacs	(Rs. in lacs)
2021-22	1. 2.			
	3.			
	4.			
Total				
2022-23	1.			
	2.			
	3.			
	4.			
Total				

c) Details of Investment made on <u>Energy Efficiency measures</u> (<u>Other Than Energy Audit report</u> implementation)

Year	EE Measures Undertaken / Demonstration Project (please specify)		Savings ach	Investment made *	
	Measures	Quantity (nos.)	Energy value (kW)	Rs. lacs	(Rs. in lacs)
	1.				
	2.				
2021-22	3.				
	4.				
Total					

	1.		
	2.		
2022-23	3.		
	4.		
	5.		
Total			

d) Total Energy Saving in the year for which application has been submitted (a+b+c) above):

Year	No. of measures implemented (i)	Investment made (Rs. in Lacs) (ii)	Savings achieved (kWH) (iii)	_	Total Energy consumed (Rs./ Yr.) (v)	% savings of energy consumed (iii/v*100)
2021-22						
Total						
2022-23						
Total						

Add separate sheet, if required.

Note: *For investment made, Audited Statement of Expenditure should be enclosed with application.

7. <u>DETAILS OF CSR INITIATIVE IN THE AREA OF RE AND EC AND INVESTMENT MADE:</u>

Sr. No.	CSR Activity	Investment Made (Rs Lakh)	Year of completion	Benefits

- **8.** Any awareness campaign / training regarding EC measures organized by the industry in collaboration with District Office of HAREDA/ BEE/ PCRA/NPC/Industries Association/CII/ FICCI/ ASSOCHAM or any other. (Give Detail i.e. event detail, photographs No. of participants etc.) last two years.
 - i) Year 2021-22:
 - ii) Year 2022-23:

9. Details of ISO Certifications of the unit

Sr. No	ISO Certification	Certification Years	Valid upto Year
1	ISO 50001		
2	ISO 16000-40/ ISO 14001 or any		
	other certification related to Energy		
	/ Environment/ Water Conservation/		
	Natural resources etc		

10.	No of	Live tr	ee exists	in u	nit	premises:	
			00 0/11010			p. 0000.	

11. Details of ETP and Rain Water Harvesting Systems

Sr. No	Component	Year of Installation	Presently operational or not
1	ETP		
2	Rain Water Harvesting System		

12. Mandatory Provisions implementation:

As per Government instructions vide notification no. 22/52/05-5Power dated 21.3.2016 i. installation of rooftop power plants has been made mandatory for various categories of buildings. Accordingly please specify:

Capacity	Year of Installation

- ii. As per Government instruction vide notification no. 22/52/05-5Power dated 25.6.2008 and amendment dated 29.06.2016, the use of Energy efficient tubelight and/ or light emitting diode (LED) lamp shall be made mandatory for all Central or State Government Offices and Public Sector Undertaking Institutions or establishments located in the State of Haryana; and electricity consumers in industrial, commercial and institutional sector having connected load of 30 KW or above.
 - **a.** The present source of light in industry:

Type of light	Watt	Nos.

DOCUMENTS ATTACHED:

1.

2.

Date:

Place:

Signature of the Chief Executive / Authorized officer

Organization Seal

Certificate/ verification:

It is certified that all the parameters/ information mentioned in the application has been verified and is correct as per the record submitted and verified by the Energy manager/energy Auditor.

> Signature of the BEE certified Energy Auditor/ Energy Manager

Note: The duly filled application shall be submitted to the concerned Additional Deputy Commissioner-cum- Chief Project Officer of the district. The application sent directly to the department will not be considered and will be rejected.

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Addl. Deputy Commissioner-cum-Chief Project Officer, New and Renewable Energy Department,

STATE LEVEL ENERGY CONSERVATION AWARD "Award for Excellence in Energy Conservation and Management" "Award Questionnaire for 2022-23"

1. BASIC INFORMATION ABOUT THE INDUSTRY

1	Name of the Unit/ Organization		
2	Category of Award for which your Nomination should be considered		
3	Complete address of unit/ Organization:- (i) Address: (ii) Telephone No.: (iii)Fax No.: (iv)E-mail Id: (v) Website if any:		
4	Detail of Concerned official to be contacted for any additional Information: (i) Name: (ii) Designation: (iii) Mobile No.: (iv)E-mail Id:		
5	Year of Establishment and / or MSME Registration No		
6	Unit Connected Load (KW) and Contract Demand		
7	For Buildings a. Total Built up area ((air-conditioned or non air-conditioned). b. EPI (Energy Performance Index) (Last three years) c. Rating (GRIHA / IGBC/ LEED/ ECBC) (Attach Documentary Proof/ Certificate)	Built-up Area (Sqm) Air Conditioned Built-up Area (Sqm) Non-air Conditioned EPI 2020-21 2021-22 2022-23 Conditioned area Overall GRIHA/LEED/ IGBC Building Rated or not Rating Achieved	
8	Whether your organization has been awarded Energy Conservation Award earlier. If yes: i. Category of Award: ii. Year: iii. Amount of Award:		
9	Solar Power Plant Installed Capacity, if any.		
10	Best Practices, If any. May attach additional sheet if required.		

2. Organizational set up for Energy Conservation:

Α	Whether any Energy Conservation Policy exists/	
	published/ notified or not?.	
	If Yes, a copy of the Policy to be enclosed and	
	marked as Annexure A	
В	Whether any management cell exists or not?.	
	If Yes, EC management Cell to be enclosed and	
	marked as Annexure B .	

3. **ENERGY CONSUMPTION AND COST:**

Sr. No	Component	Year	Year
	-	2021-22	2022-23
1	Purchased Electricity (Attach 12 Month	Annexure C	Annexure D
	electricity bills as:)		
	a. Units (Iakhs kwh/year)		
	b. Total Cost (Rs. Lakhs/year)		
2	Own Generation		
	i) Through DG sets		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	ii) Through steam / gas turbine route		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	iii) By any other means (In case of thermal		
	power plants pls specify Auxiliary		
	Consumption)		
	a. Units (Iakhs kwh/year)		
2	b. Total Cost of generation (Rs. In lacs		
3	Total consumption of electricity (purchased		
	+own generated in the plant) (Iakhs		
4	kwh/year) $(1 a + 2 (i) a + 2 (ii) a+2 (iii) a)$		
4	Total cost of electricity consumption In the		
	plant (Rs. lakhs/year)		
_	(1b+2(i)b+2(ii)b+2(iii)b)		
5	RE/ Solar Generation (Iakh kwh/year)		

4. SPECIFIC ENERGY CONSUMPTION / EPI OF BUILDING

- i) Year 2022-23:
- ii) Year 2021-22:
- iii) Year 2020-21:

5. ENERGY AUDIT DETAILS

A	Whether any energy audit has been undertaken in your unit in last three years? If yes, please give the details on the following:	
	i) In which year the energy audit was carried out?	
	 ii) Whether a. It was detailed energy audit by BEE Accredited Energy Auditor Firm / EmAEA. b. Energy audit by BEE certified energy auditor Firm (third Party). c. Energy audit by Internal Energy Auditor. (Please provide the certified copy of the energy audit report) 	
В	Did you engage with any EmAEA/ Accredited Energy Auditor Firm / Energy Service Company (ESCO)/ Third Party Energy Auditor Firm to implement Energy Conservation measures? If yes please the name of agency and other details (i.e. experience, Work Order copy etc.)	
С	Investment made by your Firm / Organization for	

implementation of recommendations mentioned in the	
detailed energy audit report? If yes give detail. About:	
i. No. of measures recommended in the audit report:	
ii. Tentative expenditure required to implementation	
these measures:	
iii. Percentage of Investment made against the	
investment proposed by Energy Auditor (%)	

6. ENERGY SAVING MEASURES AND INVESTMENT

a) Details of Investment made for <u>implementation of recommendations mentioned in</u> the detailed Energy Audit Report (Any report last three year will be considered).

Sr. No.	EC Measure as per Audit report	Investme nt proposed (Rs Lakh)	Energy Saving Potential recommend ed (kWh)	EC Measure Implemente d (Yes or Not)	Year of Implement ation	Investme nt Made (Rs Lakh)	Energy Saving Achieved (kWh)
	Total			-	-		

b) Details of Investment made on <u>Renewable Energy Technologies / Innovation/</u> <u>R&D measures</u> in Units other than Energy Audit report recommendations

Year	Demonstration Project/ Technology innovation/ RE /	Savings ach	Investment made *	
	R&D under taken (please specify)	Energy value (kWh)	Rs. in lacs	(Rs. in lacs)
2021-22	1.			
	2.			
	3.			
	4.			
Total				
2022-23	1.			
	2.			
	3.			
	4.			
Total				

c) Details of Investment made on <u>Energy Efficiency measures</u> (<u>Other Than Energy Audit report</u> implementation)

Year	EE Measures Undert Demonstration Pr (please specify	oject	Savings achieved in		Investment made *
	Measures	Quantity (nos.)	Energy value (kW)	Rs. lacs	(Rs. in lacs)

	1.		
	2.		
2021-22	3.		
	4.		
Total			
	1.		
	2.		
2022-23	3.		
	4.		
	5.		
Total			

d) Total Energy Saving in the year for which application has been submitted (a+b+c) above):

Year	No. of measures implemented (i)	Investment made (Rs. in Lacs)	Savings achieved (kWH) (iii)	Savings achieved (Rs in lacs) (iv)	Total Energy consumed (Rs./ Yr.) (v)	% savings of energy consumed (iii/v*100)
2021-22						
Total						
2022-23						
Total						

Add separate sheet, if required.

Note: *For investment made, Audited Statement of Expenditure should be enclosed with application.

7. <u>DETAILS OF CSR INITIATIVE IN THE AREA OF RE AND EC AND INVESTMENT MADE:</u>

Sr. No.	CSR Activity	Investment Made (Rs Lakh)	Year of completion	Benefits

- **8.** Any awareness campaign / training regarding EC measures organized by the industry in collaboration with District Office of HAREDA/ BEE/ PCRA/NPC/Industries Association/CII/ FICCI/ ASSOCHAM or any other. (Give Detail i.e. event detail, photographs No. of participants etc.) last two years.
 - i) Year 2021-22:
 - ii) Year 2022-23:

9. Any Award to the Building/ Details of ISO Certifications of the unit

Sr. No	ISO Certification	Award / Certification Years	Valid upto Year
1	Any Award to the Building from any govt. body/ reputed association/ NGO or Any ISO Certification or provision of water harvesting system or Building Management System implemented		
2	ISO 50001		
3	ISO 16000-40/ ISO 14001 or any other certification related to Energy / Environment/ Water Conservation/ Natural resources etc		

No of Live tree exists in unit premises:	L O. No	of Live tree ex	kists in unit	premises:	
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11. Details of ETP and Rain Water Harvesting Systems

Sr. No	Component	Year of Installation	Presently operational or not
1	ETP		
2	Rain Water Harvesting System		

12. Mandatory Provisions implementation:

i. As per Government instructions vide notification no. 22/52/05-5Power dated 21.3.2016 installation of rooftop power plants has been made mandatory for various categories of buildings. Accordingly please specify:

Capacity	Year of Installation

- ii. As per Government instruction vide notification no. 22/52/05-5Power dated 25.6.2008 and amendment dated 29.06.2016, the use of Energy efficient tubelight and/ or light emitting diode (LED) lamp shall be made mandatory for all Central or State Government Offices and Public Sector Undertaking Institutions or establishments located in the State of Haryana; and electricity consumers in industrial, commercial and institutional sector having connected load of 30 KW or above.
 - **a.** The present source of light in industry:

Type of light	Watt	Nos.

DOCUMENTS ATTACHED:

1. 2.

Date: Place:

Signature of the Chief Executive / Authorized officer

Organization Seal

Certificate/ verification:

It is certified that all the parameters/ information mentioned in the application has been verified and is correct as per the record submitted and verified by the Energy manager/energy Auditor.

Signature of the BEE certified Energy Auditor/ Energy Manager

Note: The duly filled application shall be submitted to the concerned Additional Deputy Commissioner-cum- Chief Project Officer of the district. The application sent directly to the department will not be considered and will be rejected.

Verification:

Addl. Deputy Commissioner-cum- Chief Project Officer, New and Renewable Energy Department,	

STATE LEVEL ENERGY CONSERVATION AWARD "Award for Excellence in Energy Conservation and Management" "Award Questionnaire Category No 5 & 6. for 2022-23"

1. BASIC INFORMATION

a.	Name of the Organization	
b.	Category of Award for which your Nomination should be considered	(5/6)
C.	Sector / Sub-Sector	
d.	Complete address of unit/ Organization:- (i) Address: (ii) Telephone No.: (iii) Fax No.: (iv) E-mail Id: (v) Website if any:	
e.	Detail of Concerned official to be contacted for any additional Information: (i) Name: (ii) Designation: (iii) Mobile No.: (iv)E-mail Id:	
f.	Year of Establishment	
g.	Whether your organization has been awarded Energy Conservation Award earlier. If yes: i. Category of Award: ii. Year: iii. Amount of Award:	
h.	Best Practices, If any. May attach additional sheet if required.	

2. Organizational set up for Energy Conservation:

a)	Whether any Energy Conservation Policy and Energy Conservation (EC) management cell. If Yes, a copy of the Policy and EC management Cell to be enclosed.	
b)	Any Training Programme on Energy Conservation organized during 2019-20 and 2020-21	
c)	Whether the Agency is an ISO certified?	

3. Additional Details, if applicable:

Sr. No.	Particular	Details
a)	Details of Innovation Project Implemented (For	
	Category 5, a detailed presentation and write-up to be	
	enclosed with the application form. Project Details	
	shall include energy saving details, document proof of	
	investment, if any and Technology Details)	
b)	Turnover through energy audit (Rs. Lakhs)	
	2019-20:	
	2020-21:	
	2021-22:	
c)	Year of Experience in Energy Auditing/ Green Buildings	
	or	
	Year of Experience in ECBC Compliance buildings.	
	(Attach extra sheet, if required)	
d)	No. of full time Energy Auditors / Certified Green	
	Building Professional working in the company	

Or/and Accredited Energy Auditors (AEA)	

4.	(Category 6) Attach Proof also	<u>2021-22</u>	<u>2022-23</u>
a)	No. of Energy Audit Conducted during the Year		
	or simulation/ evaluation of green building		
	completed (within the State of Haryana)		
b)	Empanelment/ Work order executed with		
	SERC/CERC /SDA/BEE and other Quasi		
	Judiciary bodies/ Government department/		
	Agencies for undertaking energy audit/ ECBC /		
	green building simulation		
c)	List of instruments in possession required for		
	Energy Audit, along with calibration		
	Certificates from any NABL		
d)	The variety of the sectors audited or green		
	building plan formulated during the year		
e)	Innovative technologies and innovative		
	projects implemented under firm guidance		
f)	BEE Certification / Empanelment No. and		
	Details (attach copy)		
g)	EA Registration No.		
h)	Whether the Agency is registered MSME of		
	Haryana. (If yes, provide registration no)		
i)	No. of Energy Audit conducted for applicants		
	applying for awards / No. Of applications		
	submitted for SLECA Awards		

9. Details of Project(s) identified (Last three Years) (Attach reports)

	Project/ Activity		Annual Sav	/ing	Total Energy Saving (toe)	Monetary Saving (Rs Lakh)		
			Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		
2022-23								
2021-22								
2020-21								
								1

9. Details of innovative Project(s) implemented (Last three Years) (Attach reports)

Year	Project/ Activity	Investment / Cost (Rs Lakh)	Annual Sav	ring	Total Energy Saving (toe)	Monetary Saving (Rs Lakh)		
			Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		
2022-23								
2021-22								

020-21				

STATE LEVEL ENERGY CONSERVATION AWARD "Award for Excellence in Energy Conservation and Management" "Award Questionnaire Category No 5 & 6. for 2022-23"

1. BASIC INFORMATION

a.	Name of the Organization	
b.	Category of Award for which your Nomination should be considered	(5/6)
C.	Sector / Sub-Sector	
d.	Complete address of unit/ Organization:- (i) Address: (ii) Telephone No.: (iii)Fax No.: (iv)E-mail Id: (v) Website if any:	
e.	Detail of Concerned official to be contacted for any additional Information: (i) Name: (ii) Designation: (iii) Mobile No.: (iv)E-mail Id: Year of Establishment	
g.	Whether your organization has been awarded Energy Conservation Award earlier. If yes: i. Category of Award: ii. Year: iii. Amount of Award:	
h.	Best Practices, If any. May attach additional sheet if required.	

2. Organizational set up for Energy Conservation:

a)	Whether any Energy Conservation Policy and Energy	
	Conservation (EC) management cell. If Yes, a copy of	
	the Policy and EC management Cell to be enclosed.	
b)	Any Training Programme on Energy Conservation	
	organized during 2019-20 and 2020-21	
c)	Whether the Agency is an ISO certified?	

3. Additional Details, if applicable:

Sr. No.	Particular	Details
a)	Details of Innovation Project Implemented (For	
	Category 5, a detailed presentation and write-up to be	
	enclosed with the application form. Project Details	
	shall include energy saving details, document proof of	
	investment, if any and Technology Details)	
b)	Turnover through energy audit (Rs. Lakhs)	
	2019-20:	
	2020-21:	
	2021-22:	
c)	Year of Experience in Energy Auditing/ Green Buildings	
	or	
	Year of Experience in ECBC Compliance buildings.	
	(Attach extra sheet, if required)	
d)	No. of full time Energy Auditors / Certified Green	
	Building Professional working in the company	

Or/and Accredited Energy Auditors (AEA)	

4.	(Category 6) Attach Proof also	<u>2021-22</u>	<u>2022-23</u>
a)	No. of Energy Audit Conducted during the Year		
	or simulation/ evaluation of green building		
	completed (within the State of Haryana)		
b)	Empanelment/ Work order executed with		
	SERC/CERC /SDA/BEE and other Quasi		
	Judiciary bodies/ Government department/		
	Agencies for undertaking energy audit/ ECBC /		
	green building simulation		
c)	List of instruments in possession required for		
	Energy Audit, along with calibration		
	Certificates from any NABL		
d)	The variety of the sectors audited or green		
	building plan formulated during the year		
e)	Innovative technologies and innovative		
	projects implemented under firm guidance		
f)	BEE Certification / Empanelment No. and		
	Details (attach copy)		
g)	EA Registration No.		
h)	Whether the Agency is registered MSME of		
	Haryana. (If yes, provide registration no)		
i)	No. of Energy Audit conducted for applicants		
	applying for awards / No. Of applications		
	submitted for SLECA Awards		

9. Details of Project(s) identified (Last three Years) (Attach reports)

	Project/ Activity	Annual Sav	/ing	Total Energy Saving (toe)	Monetary Saving (Rs Lakh)		
		Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		
2022-23							
2021-22							
2020-21							

9. Details of innovative Project(s) implemented (Last three Years) (Attach reports)

Year	Project/ Activity	Investment / Cost (Rs Lakh)	Annual Sav	/ing	Total Energy Saving (toe)	Monetary Saving (Rs Lakh)		
			Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		-
2022-23								
2021-22								

2020-21					
]
				3	