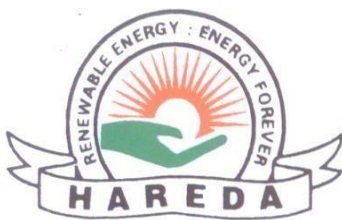


Guidelines for

Scheme on

**STATE LEVEL**

**ENERGY CONSERVATION AWARDS**



**HARYANA RENEWABLE ENERGY DEVELOPMENT AGENCY (HAREDA)**

**DEPARTMENT OF NEW AND RENEWABLE ENERGY, HARYANA**

Akshay Urja Bhawan, Institutional Plot No. 1, Sector 17, Panchkula

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**November 2021**

## **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 01.3.2002.

The Govt. Of Haryana has designated the Department of 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. The Department of Renewable Energy, Haryana has prepared an Energy Conservation Action Plan. One of the activity under this plan 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:

<b>Cat. No.</b>	<b>Category of Award</b>	<b>Award money</b>
1	<b>Industries and MSMEs</b>	
A.	<b>Industries</b>	
a.	Connected Load 1 MW and above 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
b.	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 100 kW or above and below 500 kW ii. Connected load of 501 kW or above and below 1 MW iii. Connected load of 1 MW or above	i. First prize Rs 0.50 lac and certificate & Shield ii. Second 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  i. First prize Rs 2.0 lac and certificate & Shield ii. Second Prize Rs 1.0 lac and certificate &

		Shield
<b>2</b>	<b>Commercial Buildings</b>	
a.	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 Rs0.50 lac and certificate & Shield
<b>3</b>	<b>Govt. Buildings</b>	
	a. Govt./ CPSUs/ PSUs Buildings/ Offices including LEED/Green Building, GRIHA rated or ECBC Compliant building (having connected load above 500 kW)  b. Govt./CPSUs/ PSUs Buildings/ Offices having connected load below 500 kW and above 30 kW	i. First Prize Rs2.0 lac and certificate & Shield ii. 2nd Prize Rs1.0 lac and certificate & Shield  i. First Prize Rs1.0 lac and certificate & Shield ii. 2nd Prize Rs 0.50 lac and certificate & Shield
4.	Institutions organization and societies	
A.	Institutions & Organizations  a. Govt. & Pvt. Schools / Colleges/Institutions/ Universities (Having connected load above 30kW)  b. Institutions & Organizations having residential complexes (Having connected load above 100 kW)	i. First Prize Rs. 1.0 lac and certificate & Shield ii. 2nd Prize Rs. 0.50 lac and certificate & Shield  i. First Prize Rs 2.0 lac and certificate & Shield ii. Second Prize Rs 1.0 lac and certificate & Shield
B.	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.
	Total Award Money	23.25 Lakh

#### 4. **ELIGIBILITY CRITERIA:**

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. METHODOLOGY FOR INVITING NOMINATIONS**

- Nominations for these awards shall be invited by the HAREDA/DNRE in the prescribed forms 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 the same also.
- These applications shall be appraised by the District Level Committees under the Chairmanship of the respective Additional Deputy Commissioner comprising of Superintending Engineer- Uttari Haryana Bijli Vitran Nigam Ltd. / Dakshin Haryana Bijli Vitran Nigam Ltd., General Manager-District Industries Centre and PO/APO (DNRE) & after verifying the data, these shall be recommended for nomination for State Level awards.
- State Govt. has also constituted a committee under the Chairmanship of Principal Secretary to Govt. Haryana, Renewable Energy Department 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.	Additional Chief Secretary to Govt. Haryana, NRE	Chairman
ii.	Director General, NRE / HAREDA	Member
iii.	A representative of BEE, Ministry of Power, GOI	Member
iv.	A representative from Industries & Commerce Department Haryana	Member
v.	A representative from Petroleum Conservation Research Association	Member
vi.	Additional Director , New & Renewable Energy, Department Haryana	Member
vii.	Project Director, New & Renewable Energy Department, Haryana	Member Secretary

**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 Marks) and Management Cell (2 Marks)	05																			
2.	Detailed Energy Audit conducted once in last three years by: <ul style="list-style-type: none"> <li>a. BEE Accredited Energy Auditor firms / EmAEA (copy of the detailed energy audit needs to be enclosed with the application). (Maximum Marks 15) or</li> <li>b. BEE Certified Energy Auditor Firms (Third Party (Maximum Marks 10)</li> <li>c. BEE Certified Internal Energy Auditor (Maximum Marks 5)</li> </ul>	15																			
3.	Energy Savings due to Implementation of Energy conservation measures <ul style="list-style-type: none"> <li>• Energy Saving due to difference in Previous year consumption: 1 mark for 1 % saving and Max. <u>10 Marks</u> (Example for 2020: (Electricity Consumption of 2019-Electricity consumption of 2020)/ Electricity Consumption of 2019): Document required electricity bills of 2020 and 2021. For inclusion of other fuel consumption like DG diesel etc valid doc proof is required.</li> <li>• Energy Saving due to implementation of EC measure / reduced Specific Energy Consumption (SEC) (1 mark for 1 % saving and max 10 marks). Documents Required: Vetting by Energy Auditor in case of SEC reduction and / or proof of Equipment's installed in case of implementation of EC measures.</li> </ul>	20																			
4.	Investment made by the firm for implementation of recommendations mentioned in the detailed energy audit report. <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Investment for Implementation of Energy Audit report recommendations</th> <th colspan="3">Marks (Maximum Marks 40)</th> </tr> <tr> <th>AEA / EmAEA</th> <th>BEE Certified Energy Auditor Firms (Third Party)</th> <th>BEE Certified Internal Energy Auditor</th> </tr> </thead> <tbody> <tr> <td>50% or more investment made</td> <td>20</td> <td>15</td> <td>10</td> </tr> <tr> <td>35% to &lt;50% investment made</td> <td>15</td> <td>10</td> <td>5</td> </tr> <tr> <td>25% to &lt;35% investment made</td> <td>10</td> <td>5</td> <td>3</td> </tr> </tbody> </table>	Investment for Implementation of Energy Audit report recommendations	Marks (Maximum Marks 40)			AEA / EmAEA	BEE Certified Energy Auditor Firms (Third Party)	BEE Certified Internal Energy Auditor	50% or more investment made	20	15	10	35% to <50% investment made	15	10	5	25% to <35% investment made	10	5	3	20
Investment for Implementation of Energy Audit report recommendations	Marks (Maximum Marks 40)																				
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50% or more investment made	20	15	10																		
35% to <50% investment made	15	10	5																		
25% to <35% investment made	10	5	3																		
5	Investment made on RE and EC Technologies installed in Units other than Energy Audit report recommendations: <ul style="list-style-type: none"> <li>○ With investment of Rs 10.0 Cr or above = 10 marks</li> <li>○ With investment of Rs 1.0 Cr below 10.0 Cr = 5 marks</li> <li>○ With investment of Rs 10.0 lakh below 1.0 Cr = 3 marks</li> </ul>	10																			
6	CSR Initiative in the area of RE and EC and Investment Made: <ul style="list-style-type: none"> <li>○ With investment of Rs 10.00 lacs or above = 5 marks</li> <li>○ With investment of Rs 05.00 lacs below 10.0 lacs = 3 marks</li> <li>○ With investment of Rs 01.00 lacs below 05.0 lacs = 2 marks</li> </ul>	5																			
7	ISO 50001 certified units	5																			
8	ISO 16000-40/ ISO 14001 or any other certification related to Energy / Environment/ Water Conservation/ Natural resources etc	5																			
9	Whether any awareness campaign / training regarding EC measures organized by the industry in collaboration with District Office of HAREDA/ BEE/ PCRA/NPC/Industries Association	5																			

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
	<b>Total</b>	<b>100</b>

### Buildings Categories (Categories 2,3 and 4)

Sr. No	Parameters	Marks Allotted																			
1.	Energy Conservation Policy (3 Marks) and Management Cell (2 Marks)	05																			
2.	Detailed Energy Audit conducted once in last three years by: <ul style="list-style-type: none"> <li>a. BEE Accredited Energy Auditor firms / EmAEA (copy of the detailed energy audit needs to be enclosed with the application). (Maximum Marks 15) or</li> <li>b. BEE Certified Energy Auditor Firms (Third Party) (Maximum Marks 10)</li> <li>c. BEE Certified Internal Energy Auditor (Maximum Marks 5)</li> </ul>	15																			
3.	Energy Savings due to Implementation of Energy conservation measures <ul style="list-style-type: none"> <li>A. Energy Saving due to difference in Previous year consumption:( one mark for 1 % saving): Max. <u>10 Marks</u> . (Example for 2020: (Electricity Consumption of 2019-Electricity consumption of 2020)/ Electricity Consumption of 2019): Document required electricity bills of 2020 and 2021. For inclusion of other fuel consumption valid doc proof required.</li> <li>B. Energy Saving due to implementation of EC measures / (1 mark for 2 % saving and max 5 marks). Documents Required: Vetting by Energy Auditor or proof of Equipment's installed in case of implementation of EC measures.</li> <li>C. EPI based : 10 Marks <ul style="list-style-type: none"> <li>o EPI (below 80 kWh/Sq ft per year) or GRIHA 4 Star or above or LEED / IGBC Platinum or Super ECBC compliant or eq. = 10 marks</li> <li>o 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. = 06 marks</li> <li>o 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</li> </ul> </li> </ul>	25																			
4.	Investment made by the firm for implementation of recommendations mentioned in the detailed energy audit report. <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th rowspan="2">Investment for Implementation of Energy Audit report recommendations</th> <th colspan="3">Marks (Maximum Marks 25)</th> </tr> <tr> <th>AEA / EmAEA</th> <th>BEE Certified Energy Auditor Firms (Third Party)</th> <th>BEE Certified Internal Energy Auditor</th> </tr> </thead> <tbody> <tr> <td>50% or more investment made in that year: -</td> <td>20</td> <td>15</td> <td>10</td> </tr> <tr> <td>35% to &lt;50% investment made in that year:-</td> <td>15</td> <td>10</td> <td>5</td> </tr> <tr> <td>25% to &lt;35% investment made in that year:-</td> <td>10</td> <td>5</td> <td>3</td> </tr> </tbody> </table>	Investment for Implementation of Energy Audit report recommendations	Marks (Maximum Marks 25)			AEA / EmAEA	BEE Certified Energy Auditor Firms (Third Party)	BEE Certified Internal Energy Auditor	50% or more investment made in that year: -	20	15	10	35% to <50% investment made in that year:-	15	10	5	25% to <35% investment made in that year:-	10	5	3	20
Investment for Implementation of Energy Audit report recommendations	Marks (Maximum Marks 25)																				
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35% to <50% investment made in that year:-	15	10	5																		
25% to <35% investment made in that year:-	10	5	3																		
5.	Energy Saved by Investment made on Renewable Energy Technologies / Innovation / energy efficient building design features/ natural resource management. <ul style="list-style-type: none"> <li>•With investment of Rs 100.00 lacs or above = 10 marks</li> <li>• With investment of Rs 10.00 lacs below 100.0 lacs= 5 marks</li> <li>• With investment of Rs 01.00 lacs below 10.0 lacs = 3 marks</li> </ul>	10																			
6	CSR Initiative in the area of RE and EC and Investment Made: <ul style="list-style-type: none"> <li>•With investment of Rs 10.00 lacs or above = 5 marks</li> <li>•With investment of Rs 05.00 lacs below 10.0 lacs = 3 marks</li> <li>•With investment of Rs 01.00 lacs below 05.0 lacs = 2 marks</li> </ul>	5																			

6.	Whether any awareness campaign / training regarding EC measures organized by the industry in collaboration with District Office of HAREDA/ BEE/ PCRA/NPC/Industries Association	5
7	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	5
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
	<b>Total</b>	<b>100</b>

### 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 (Max. 100)
1	Year of Experience in Energy Auditing/ Green Buildings (1 Marks for each Year of experience). or Year of Experience in ECBC Compliance buildings (2 Marks for each Year of experience).	10
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

**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 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 annexures. 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 should be verified by 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".
- (ii) These applications shall be submitted by the applicant to the respective Additional Deputy Commissioner and the facts shall be verified by the District Level Committee under the Chairmanship of the Additional Deputy Commissioner comprising of Superintending Engineer of UHBVN / DHBVN, G.M., District Industries Centre & district PO/APO (DNRE) as members of the District Level Committee. Thereafter, the application shall be forwarded to the HAREDA by the District Level Committee for consideration of the State Level Committee.
- (iii) The applicant 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. (e.g. the applicant who has been given award for 2016-17 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.



**STATE LEVEL ENERGY CONSERVATION AWARD**  
**"Award for Excellence in Energy Conservation and Management"**  
**"Award Questionnaire for 2021-22"**

**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	<table border="1"> <thead> <tr> <th>2020-21</th> <th>2021-22</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	2020-21	2021-22										
2020-21	2021-22													
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:**

A	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	
B	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 2020-21	Year 2021-22
1	<b>Purchased Electricity (Attach 12 Month electricity bills as:)</b>	Annexure C	Annexure D
	a. Units (Iakhs kwh/year)		
	b. Total Cost ( Rs. Lakhs/year)		
2	<b>Own Generation</b>		
	<b>i) Through DG sets</b>		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	<b>ii) Through steam / gas turbine route</b>		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
	<b>iii) By any other means</b> (In case of thermal power plants pls specify Auxiliary Consumption)		
	a. Units (Iakhs kwh/year)		
	b. Total Cost of generation (Rs. In lacs)		
3	<b>Total consumption of electricity (purchased +own generated in the plant) (Iakhs kwh/year) (1 a + 2 (i) a + 2 (ii) a+2 (iii) a)</b>		
4	<b>Total cost of electricity consumption In the plant (Rs. lakhs/year) (1b+2(i)b+2(ii)b+2(iii)b)</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 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. <b>(Please provide the certified copy of the energy audit report)</b>	
B	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.)	
C	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 implementation of recommendations mentioned in the detailed Energy Audit Report (Any report last three year will be considered).

Sr. No.	EC Measure as per Audit report	Investment proposed (Rs Lakh)	Energy Saving Potential recommended (kWh)	EC Measure Implemented (Yes or Not)	Year of Implementation	Investment Made (Rs Lakh)	Energy Saving Achieved (kWh)
	Total			-	-		

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

Year	Demonstration Project/ Technology innovation/ RE / R&D under taken ( please specify)	Savings achieved in		Investment made * (Rs. in lacs)
		Energy value (kWh)	Rs. in lacs	
2020-21	1.			
	2.			
	3.			
	4.			
<b>Total</b>				
2021-22	1.			
	2.			
	3.			
	4.			
<b>Total</b>				

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

Year	EE Measures Undertaken / Demonstration Project (please specify)		Savings achieved in		Investment made * (Rs. in lacs)
	Measures	Quantity (nos.)	Energy value (kW)	Rs. lacs	
2020-21	1.				
	2.				
	3.				
	4.				
<b>Total</b>					

2021-22	1.				
	2.				
	3.				
	4.				
	5.				
<b>Total</b>					

**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)	Savings achieved (Rs in lacs) (iv)	Total Energy consumed (Rs./ Yr.) (v)	% savings of energy consumed (iii/v*100)
2020-21						
<b>Total</b>						
2021-22						
<b>Total</b>						

Add separate sheet, if required.

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

**7. DETAILS OF CSR INITIATIVE IN THE AREA OF RE AND EC AND INVESTMENT MADE:**

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 2020-21:

**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 tree exists in unit premises: \_\_\_\_\_

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 for 2021-22"**

**13. 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:- (vi)Address: (vii) Telephone No.: (viii) Fax No.: (ix)E-mail Id: (x) Website if any:																					
4	Detail of Concerned official to be contacted for any additional Information: (v) Name: (vi)Designation: (vii) Mobile No.: (viii) 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)	<table border="1"> <tr> <td>Built-up Area (Sqm) Air Conditioned</td> <td></td> </tr> <tr> <td>Built-up Area (Sqm) Non-air Conditioned</td> <td></td> </tr> <tr> <td align="center" colspan="2"><b>EPI</b></td> </tr> <tr> <td>2018-19</td> <td>2019-20</td> </tr> <tr> <td colspan="2"><i>Conditioned area</i></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td colspan="2"><i>Overall</i></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>GRIHA/LEED/ IGBC Building Rated or not</td> <td></td> </tr> <tr> <td>Rating Achieved</td> <td></td> </tr> </table>	Built-up Area (Sqm) Air Conditioned		Built-up Area (Sqm) Non-air Conditioned		<b>EPI</b>		2018-19	2019-20	<i>Conditioned area</i>				<i>Overall</i>				GRIHA/LEED/ IGBC Building Rated or not		Rating Achieved	
Built-up Area (Sqm) Air Conditioned																						
Built-up Area (Sqm) Non-air Conditioned																						
<b>EPI</b>																						
2018-19	2019-20																					
<i>Conditioned area</i>																						
<i>Overall</i>																						
GRIHA/LEED/ IGBC Building Rated or not																						
Rating Achieved																						
8	Whether your organization has been awarded Energy Conservation Award earlier. If yes: iv. Category of Award: v. Year : vi. Amount of Award:																					
9	Solar Power Plant Installed Capacity, if any.																					
10	Best Practices, If any. May attach additional sheet if required.																					

**14. Organizational set up for Energy Conservation:**

A	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	
B	Whether any management cell exists or not?. If Yes, EC management Cell to be enclosed and marked as Annexure B .	

**15. ENERGY CONSUMPTION AND COST:**

Sr. No	Component	Year 2020-21	Year 2021-22
1	<b>Purchased Electricity (Attach 12 Month electricity bills as:)</b>	Annexure C	Annexure D
	c. Units (Iakhs kwh/year)		
	d. Total Cost ( Rs. Lakhs/year)		
2	<b>Own Generation</b>		
	<b>iv) Through DG sets</b>		
	c. Units (Iakhs kwh/year)		
	d. Total Cost of generation (Rs. In lacs)		
	<b>v) Through steam / gas turbine route</b>		
	c. Units (Iakhs kwh/year)		
	d. Total Cost of generation (Rs. In lacs)		
	<b>vi) By any other means</b> (In case of thermal power plants pls specify Auxiliary Consumption)		
	c. Units (Iakhs kwh/year)		
	d. Total Cost of generation (Rs. In lacs)		
3	<b>Total consumption of electricity (purchased +own generated in the plant) (Iakhs kwh/year) (1 a + 2 (i) a + 2 (ii) a+2 (iii) a)</b>		
4	<b>Total cost of electricity consumption In the plant (Rs. lakhs/year) (1b+2(i)b+2(ii)b+2(iii)b)</b>		
5	RE/ Solar Generation (Iakh kwh/year)		

**16. SPECIFIC ENERGY CONSUMPTION / EPI OF BUILDING**

- iii) Year 2020-21:
- iv) Year 2019-20:
- v) Year 2018-19:

**17. 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:	
	iii) In which year the energy audit was carried out?	
	iv) Whether d. It was detailed energy audit by BEE Accredited Energy Auditor Firm / EmAEA. e. Energy audit by BEE certified energy auditor Firm (third Party). f. Energy audit by Internal Energy Auditor. <b>(Please provide the certified copy of the energy audit report)</b>	
B	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.)	

C	Investment made by your Firm / Organization for implementation of recommendations mentioned in the detailed energy audit report? If yes give detail. About: iv. No. of measures recommended in the audit report: v. Tentative expenditure required to implementation these measures: vi. Percentage of Investment made against the investment proposed by Energy Auditor (%)	
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**18. ENERGY SAVING MEASURES AND INVESTMENT**

**e) Details of Investment made for implementation of recommendations mentioned in the detailed Energy Audit Report (Any report last three year will be considered).**

Sr. No.	EC Measure as per Audit report	Investment proposed (Rs Lakh)	Energy Saving Potential recommended (kWh)	EC Measure Implemented (Yes or Not)	Year of Implementation	Investment Made (Rs Lakh)	Energy Saving Achieved (kWh)
	Total			-	-		

**f) Details of Investment made on Renewable Energy Technologies / Innovation/ R&D measures in Units other than Energy Audit report recommendations**

Year	Demonstration Project/ Technology innovation/ RE / R&D under taken ( please specify)	Savings achieved in		Investment made * (Rs. in lacs)
		Energy value (kWh)	Rs. in lacs	
2020-21	1.			
	2.			
	3.			
	4.			
<b>Total</b>				
2021-22	1.			
	2.			
	3.			
	4.			
<b>Total</b>				

**g) Details of Investment made on Energy Efficiency measures (Other Than Energy Audit report implementation)**

Year	EE Measures Undertaken / Demonstration Project (please specify)		Savings achieved in		Investment made * (Rs. in lacs)
	Measures	Quantity (nos.)	Energy value (kW)	Rs. lacs	



2020-21	1.				
	2.				
	3.				
	4.				
<b>Total</b>					
2021-22	1.				
	2.				
	3.				
	4.				
	5.				
<b>Total</b>					

**h) 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)	Savings achieved (Rs in lacs) (iv)	Total Energy consumed (Rs./ Yr.) (v)	% savings of energy consumed (iii/v*100)
2020-21						
<b>Total</b>						
2021-22						
<b>Total</b>						

Add separate sheet, if required.

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

**19. DETAILS OF CSR INITIATIVE IN THE AREA OF RE AND EC AND INVESTMENT MADE:**

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

**20.** 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.

iii) Year 2021-22:

iv) Year 2020-21:

**21. 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		

**22.** No of Live tree exists in unit premises: \_\_\_\_\_

**23.** 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		

**24. Mandatory Provisions implementation:**

iii. 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

iv. 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:

Signature of the Chief Executive / Authorized officer

Place:

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 2021-22"**

**25. 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:- (xi)Address: (xii) Telephone No.: (xiii) Fax No.: (xiv) E-mail Id: (xv) Website if any:	
e.	Detail of Concerned official to be contacted for any additional Information: (ix) Name: (x) Designation: (xi)Mobile No.: (xii) E-mail Id :	
f.	Year of Establishment	
g.	Whether your organization has been awarded Energy Conservation Award earlier. If yes: vii. Category of Award: viii. Year : ix. Amount of Award:	
h.	Best Practices, If any. May attach additional sheet if required.	

**26. 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 2020-21 and 2021-22	
c)	Whether the Agency is an ISO certified?	

**27. 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) 2018-19: 2019-20: 2020-21:	
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)	

<b>28.</b>	<b>(Category 6) Attach Proof also</b>	<b><u>2020-21</u></b>	<b><u>2021-22</u></b>
<b>a)</b>	No. of Energy Audit Conducted during the Year or simulation/ evaluation of green building completed (within the State of Haryana)		
<b>b)</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		
<b>c)</b>	List of instruments in possession required for Energy Audit, along with calibration Certificates from any NABL		
<b>d)</b>	The variety of the sectors audited or green building plan formulated during the year		
<b>e)</b>	Innovative technologies and innovative projects implemented under firm guidance		
<b>f)</b>	BEE Certification / Empanelment No. and Details (attach copy)		
<b>g)</b>	EA Registration No.		
<b>h)</b>	Whether the Agency is registered MSME of Haryana. (If yes, provide registration no)		
<b>i)</b>	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)**

Year	Project/ Activity	Investment / Cost (Rs Lakh)	Annual Saving				Total Energy Saving (toe)	Monetary Saving (Rs Lakh)
			Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		
<b>2020-21</b>								
<b>2019-20</b>								
<b>2018-19</b>								

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

Year	Project/ Activity	Investment / Cost (Rs Lakh)	Annual Saving				Total Energy Saving (toe)	Monetary Saving (Rs Lakh)
			Electricity (Lakh Units)	Coal (MT)	Gas (Lakh m3)	Others (specify units)		
<b>2020-21</b>								
<b>2019-20</b>								
<b>2018-19</b>								