

**Government of India**  
**Ministry of New & Renewable Energy**

**Concentrated Solar Thermal (CST) Technology Excellence Awards-2016**

MNRE is organizing Concentrated Solar Thermal (CST) Technology Excellence Awards-2016 to recognize notable achievement in off-grid and decentralized solar applications.

2. The Ministry is implementing a CST technology under the "Off-grid and Decentralized Solar Applications" programme. Under this programme CST technology is being promoted for medium and high temperature applications in the industrial, commercial and institutional sectors.

3. In affirmation to MNRE's efforts in off-grid and decentralized solar applications more than 200 CST systems covering an area of around 45000 sq. m. has been installed in various parts of the country. UNDP and UNIDO support the Ministry's commitment to promote, CST technology in the country and also help with capacity building among the potential users of decentralized solar applications.

4. CST Excellence Awards-2016 will consist of various categories to distinguish remarkable work of stakeholders in the field of off-grid and decentralized solar applications. The awardees will be decided by a committee formed by the Ministry.

5. Interested organizations/ stakeholders of CSTs may apply for the award by providing relevant information in attached prescribed application form. Hard copies of the application form (complete in all respect) from applicants must reach the Ministry at following address by **28 March 2016**. Soft copy may also be mailed separately.

6. The award will be given away by Hon'ble Minister of State (IC) for Power, Coal, New & Renewable Energy in the National Workshop – Cum- Award Distribution Function being during 3<sup>rd</sup> -4<sup>th</sup> week of April, 2016. The programme details will be upload in due course.



**(Dr. R. P. Goswami)**  
**Director/ Scientist 'F' (CST)**  
**Ministry of New & Renewable Energy**  
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**Government of India  
Ministry of New & Renewable Energy**

**Concentrated Solar Thermal (CST) Technology  
Excellence Awards-2016**

**APPLICATION FORM**

**Last date for submission of application 28 March, 2016 completed form to  
be sent to :**

***Director/Scientist- 'F'  
Solar Thermal (CST) Division  
Ministry of New and Renewable Energy  
Block No.14, CGO Complex,  
Lodi Road New Delhi -110003  
Email: rp.goswami@nic.in***

## **CST EXCELLENCE AWARD SCHEME**

The CST Excellence Award seeks to characterize validated best management practices, as a basis for accelerating the rate of Implementation of CST programme improvement. The CST Excellence Awards has great pleasure in inviting applications for the improvement and scale up manufacturing, installation and commissioning the CST Technology based systems. The CST Excellence Award Scheme has been instituted by the Government of India, Ministry of New & Renewable Energy in 2016 to encourage and promote CST sector, in both manufacturing as well as service organizations in India including:

- \* Government and Semi-Government departments
- \* Public and private undertakings (Beneficiary, manufacturers/ suppliers, entrepreneurs)
- \* All sectors of industry, service and commerce
- \* Trade and professional associations
- \* Educational, Healthcare, Hospitality and Research Establishments

The CST Excellence Awards will be presented to organizations in different industrial, institutional and business sectors, adjudged to have made the most significant achievement, in the CST sector.

The CST Excellence Award stimulates and helps organizations to rapidly accelerate the pace of their improvement process. The preparation for the award helps to inspire and align the entire work force, management functions and sanitized to CST potential sector and users. The knowledge gained by the organization in describing and self-assessing its operations, lead to IMPROVED organizational performance.

### **The Awards**

Each category of Award, at the discretion of the Jury may have none or more than one award. Each winner receives a trophy together with a certificate. Selected organizations may be awarded a commendation certificate by the Jury.

A special awards committee has been constituted by the Ministry of New and Renewable Energy (MNRE) , Government of India to the select the award winners.

### **Eligible Organizations**

1. Public Sector Units (PSUs) - separately for Manufacturing, Service.
2. Private Sector organizations - separately for Manufacturing, Service.
3. Government/State Government (SNA) Local bodies, Undertakings & Public Utility Services.

**The awards are divided into the different categories, based on the annual/cumulative, installation capacity (Sq.m. area) and performance of the company/ organization:**

### **Eligibility Criteria**

Manufacturing or Service organizations or divisions of organizations in the private and public sectors, and government organizations may participate in the '**CST Excellence Award**'.

### **Rules & Regulations**

- **Decision of the Award Committee is final and no appeal or correspondence will be entertained.**
- Award Secretariat reserves the right to award more than one organization as the winner, and could also withhold award(s), if the required standard is not met.
- Award Secretariat accepts no liability for any loss resulting from the disclosure of information

concerning an entry to Assessors or Committee members, though all reasonable precautions will be taken to maintain secrecy.

- Award Secretariat cannot undertake to return documents or supplementary material submitted with an entry.
- Award Secretariat reserves the right to alter the Award Scheme, at any time.
- Finalist Award applicants may also be invited to make a brief presentation to the Committee and/or one of the assessors may be nominated to confirm or clarify certain facts at site. Travel and stay expenses, if any, will be met by the applicant.
- Award for each sub - sector may be given, even if there is only one application in any of the categories provided that it meets the qualification of minimum assessment (as decided by the Committee).

### **Non-Disclosure & Confidentiality**

Names of applicants, commentary and scoring information developed during the review of applications are regarded as proprietary and are kept confidential. Such information is available only to individuals directly involved in the assessment and administrative process.

The CST Excellence Awards Committee will take all reasonable precautions to ensure that applications and information therein are treated in strict confidence. However, in no way Awards committee can be held responsible for any loss of confidentiality to a third party, nor held liable for any damage (to goods or persons, financial loss or consequential) incurred through the breach of confidentiality or otherwise by the applicants or any third party.

The CST Excellence Awards Committee reserves the right, subsequent to the Award Presentation to publish salient details of the Innovation methods / modules/ Improvement initiatives Schemes of the Award Winners, as a step towards sharing of knowledge for raising general awareness.

### **Procedure for Sending Application**

**The completed Application Form along with the enclosures and supporting materials must be sent in one HARD BOUND copy along with a SOFT COPY in a CD or Pen Drive typed in minimum font size 10 pt. on A-4 size paper in English.**

**ALL ENTRIES COMPLETED IN ALL RESPECT SHOULD BE SENT BY 28 MARCH 2016 TO:**

**Dr. R.P. Goswami**  
**Director/Scientist-‘F’**  
**Block No.14, CGO Complex,**  
**Lodi Road New Delhi**  
**Ph. No 011-24368915**  
**Email: [rp.goswami@nic.in](mailto:rp.goswami@nic.in)**

**Application Form – CST**

1. Name of Applicant Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Website: \_\_\_\_\_

2. Name of Contact Person \_\_\_\_\_ Designation \_\_\_\_\_  
Telephone (Office) \_\_\_\_\_ (Mobile) \_\_\_\_\_  
E-mail \_\_\_\_\_  
Contact Address (if different from above) \_\_\_\_\_

3. Name of the Head of the Institution \_\_\_\_\_  
Designation \_\_\_\_\_  
Telephone (Office) \_\_\_\_\_ (Mobile) \_\_\_\_\_  
E-mail \_\_\_\_\_  
Contact Address (if different from above) \_\_\_\_\_

4. Name of the Parent Organization, if any? \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone (Office) \_\_\_\_\_ E-mail \_\_\_\_\_

5. Reasons/ Justifications in detail for seeking the award  
*Please provide the details/ justifications of why you would like to be considered for the award and provide the requested details as per the Form appropriate for your award category. In case of categories where forms are not suggested, please provide relevant details about activities conducted by the organization in the category, as per your discretion. A detailed application form would be advised for all categories such that the selection process can be facilitated.*

6. Please select the category of award that you would like to be considered for from the Annexure 1. If you would like to be considered for more than one awards, kindly provide the selections below and fill the requisite forms as mentioned in Annexure 1

**Selection 1**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

**Selection 2**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

**Selection 3**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

7. Declaration

On behalf of my organization, I do hereby declare that we shall fully abide by the rules/regulations of the CST Excellence Award Scheme, and understand and accept that the decisions of the Committee are final.

I also declare that the organization has faced no Penal action for corporate and other statutory compliance failure, from any regulatory authority in the last 2 years.

I confirm that my Organization is eligible to take part in this competition, and that all information and accompanying application documents are correct in this regard.

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Signature of Head Organization**

**Name :**  
**Designation:**  
**Email:**

**Government of India**  
**Ministry of New & Renewable Energy**

Annexure 1

**Concentrated Solar Thermal (CST) Technology Excellence Awards-2016**  
**Categories for CST Technology Excellence Awards- 2016:**

S. No.	Type of organisation	Category of award	FORM
1.	SNAs	SNAs Special Category	Form 1
		SNAs General Category	
2.	Channel Partner	Cooling	Form 2
		Industrial Process Heat	
		Community Cooking	
		Other Innovative	
3.	Empanelled Manufacturer & Suppliers	Cooling	Form 2
		Industrial Process Heat	
		Community Cooking	
		Best Proposals in ESCo Mode	
		Other Innovative	
4.	<b>Beneficiaries</b> (For installations made with Government Support)		Form 3
4.1	<b>Government Institutions</b>	Building / complexes	
		Technical Institutions	
4.2	<b>Private Institutions</b>	Building / complexes	
		Technical Institutions	
4.3	<b>Religious Bodies</b>	Cooling	
		Community Cooking	
4.4	<b>Industrial Sectors</b>	Dairies sector	
		Laundries Sector	
		Auto Mobile Sector	
		Textile Sector	
		Pharmaceuticals Sector	
		Food Processing Sector	
		Any other industrial Sector	
4.5	<b>Commercial Bodies</b>	Hotels/ Resorts	
		Hospitals	
		Any other commercial bodies (such as shopping malls etc.)	
5.	<b>Beneficiaries</b> (For installations made without government support)		Form 3
6.	<b>Beneficiaries</b> (Who opted to install system in an ESCO model)		Form 3
7.	<b>Associations who made efforts in promoting CST Sectors.</b> (Industrial/		Please provide all the relevant details in the applications form itself (Point 5 – Reasons and Justifications)
8.	<b>NGOs who have made efforts in promoting CST sector.</b>		
9.	<b>Test Centres equipped for testing CSTs.</b> (In the application form elucidate		

10.	<b>Individual Entrepreneurs</b>	Male Entrepreneurs	
		Female Entrepreneurs	
11.	<b>Manufacturers/ Suppliers/ Channel Partners who are exporting the CSTs</b>		
12.	<b>Organizations working in Research and Development of CSTs.</b>		
13.	<b>Manufacturers/ Suppliers/ Channel Partners having a Joint Venture with organizations outside India.</b>		
14.	<b>Organizations taking ‘Make in India’ initiatives on CST components not available in the country</b>		
15.	<b>International Organizations supporting CST in India.</b>		



**SNA's details with contact person's name and mobile number**


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**Category of Award Applied for:-**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

i)	Total Number of CST installations in the state so far.	
ii)	Total Size (sq. m. of collector area)	-
iii)	Details of systems installed (List to be attached providing details given in the next column)	- Type of CST technology, - Area of each installation, - Purpose of application, - Site of application - Time of installation
iv)	Whether any state subsidy being provided over and above MNRE subsidy and UNDP support. Please provide details.	
v)	Number of proposals generated by SNA on its own and submitted to MNRE during last 3 years (2012-2015).	

**Organization's details with contact person's name and mobile number**


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**Category of Award Applied for:-**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

Total Number of CST systems installed by you in the country so far.	
Total Size (sq. m. of collector area) and No. concentrators installed	-
Details of total numbers of systems installed application wise (List to be attached)	<ul style="list-style-type: none"> <li>- Type of CST technology,</li> <li>- Area of each installation,</li> <li>- Purpose of application,</li> <li>- Site of application</li> <li>- Beneficiary Details</li> <li>- Date of commissioning</li> <li>- Whether functional as on date.</li> <li>- O &amp; M conducted by technology provider (yes/ no)</li> </ul>
Number of systems under installation.	<ul style="list-style-type: none"> <li>- Type of CST technology,</li> <li>- Area of each installation,</li> <li>- Purpose of application,</li> <li>- Site of application</li> <li>- Beneficiary Details</li> <li>- Expected date of commissioning</li> </ul>
Number of workshops organized on their own with support from MNRE/UNDP project (Details to be provided)	
Number and total area of systems installed so far for application for which the award is sought. (List to be provided )	
Number of proposals with CST Area generated during last two years and submitted to MNRE for government support. (Details to be provided)	

**Beneficiary's details with contact person's name and mobile number**


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**Category of Award Applied for:-**

Type of Organization \_\_\_\_\_

Category \_\_\_\_\_

Place of installation	
Beneficiary's details with contact person's name and mobile number	
Type of system installed with photograph attached	
Size (sq. m. of collector area) and No. of concentrators installed	
Date of commissioning of the system	
Name of supplier	
Application (cooking/cooling/process heat)	
Earlier arrangement and reason for installation	
Whether standalone system or integrated with existing set up	
Total cost of the system	
Present status of functioning of the system. How much time it remained non-functional since installation ( Mention time periods)	
Number of consumers/ users being benefitted with the application of CST technologies. (Provide Details) <i>For eg. In a cooking application in the school, the number of students would serve as the number of consumers.</i>	
Operating temperature and pressure of steam/fluid.	
Percentage of total fuel saved from CST for your application during last year.	
Any other relevant information to be provided for the purpose of availing award	

<b>Operation and Maintenance</b>	
How is the operation and maintenance of the system being conducted?	<input type="checkbox"/> by Self <input type="checkbox"/> by technology provider <input type="checkbox"/> By a third party If third party, please provide the details (name, address and contact person, contact details below)  _____ _____
Whether any log book maintained. Photocopy of recording sheet to be obtained	
O & M problems faced, if any additional amount spent towards that after installation, please mention.	

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