

No. 5 /10/2010-11/ST
Government of India
Ministry of New & Renewable Energy
(Solar Thermal Group)

Block NO. 14, CGO Complex, Lodi Road,
New Delhi-110 003,

Dated: **24th January, 2011**

To

Heads of State Nodal Agencies,
Municipal Commissioners/ Municipalities

**Subject: Implementation of the programme on “Development of Solar Cities”
during 11th Plan period including 2010-11.**

Sir,

I am directed to convey the sanction of the Government of India for implementation of the programme on “Development of Solar Cities” during the 11th Plan period including 2010-11 as per the details given below: --

2. Goals and Objectives

The Goal of the program is to promote the use of Renewable Energy in Urban Areas by providing support to the Municipal Corporations for preparation and implementation of a Road Map to develop their cities as Solar Cities. The objectives of the programme are given below:

- to enable/empower Urban Local Governments to address energy challenges at City - level.
- to provide a framework and support to prepare a Master Plan including assessment of current energy situation, future demand and action plans
- to build capacity in the Urban Local Bodies and create awareness among all sections of civil society.
- to involve various stakeholders in the planning process
- to oversee the implementation of sustainable energy options through public - private partnerships.

3. Physical Targets

An indicative target of 60 cities/towns/Unban Agglomerations (Class I – III) duly notified by the Municipal Authorities/Local Governments with at least one in each State has been set for the 11th Plan period including 2010-11. The targets will be achieved by providing support for preparation of a Master Plan for their city; setting up of a ‘Solar City Cell’ in the Council/Administration, organizing training programmes/ workshops/ business meets for various stakeholders such as elected representatives of the municipal bodies, municipal officials, architects/engineers, builders and developers, financial institutions, NGOs, technical institutions, manufactures and suppliers, RWAs etc. and on creation of public information and awareness.

The 10 cities within the above target are proposed to be developed as '**Pilot Solar Cities**'.

Out of above target of 60 cities, four cities are also proposed to be developed as '**Model Solar Cities**' with part financial support for installation of renewable energy and energy conservation projects/devices/systems in the city.

Apart from 60 Solar cities, about 50 new **small townships/campuses** duly notified/permitted by the concerned Authorities being developed by the promoters/builders, SEZs/ industrial towns, Institutional campus etc. for preparation of Master Plan/DPR including the action plan for renewable energy installations, green campus development, awareness generation and trainings etc. will be covered.

4. Implementation Arrangements

The programme will be implemented through State Nodal Agencies/Urban Local Bodies or other corporate houses for respective cities. For townships and Institutional Campuses the respective organizations may also be involved. The detailed Guidelines for implementation of the scheme and financial provisions for various activities are given in the **Appendix** enclosed.

5 Monitoring Mechanism

The State Nodal Agencies/the Implementing Agencies will set up arrangements to closely monitor the implementation of their projects covered under the scheme. The agencies will furnish progress reports and other information to MNRE and SNAs on a regular basis. The Ministry will also monitor the progress of the scheme independently, including third party inspection and reporting.

6. Expenditure

An expenditure of Rs.98.50 crore is expected to be incurred under the Programme on "Development of Solar Cities" during the 11th Plan Period. Funds to the tune of Rs.50 crore have been earmarked for expenditure during 2011-12.

The expenditure involved will be debit to the Demand No. 67- Ministry of New and Renewable Energy, Major Head 2810-New and Renewable Energy, 103-Renewable Energy for Urban, Industrial and Commercial Applications, 01- ST, SPV and other RE Systems, 01- Renewable Energy Application, 33-Subsidy during 2010-2011.

7. This sanction issues in exercise of powers delegated to this Ministry and with the concurrence of IFD dated 18th January, 2011 *vide* their Dy. No. IFD/1923/2010-2011 dated 17.01.2011. This supersedes the previous Administrative Approval No. 3/5/2007/UICA (SE) dated 28.02.2008 & Addendum No.3/1/2008-UICA(SE) dated 28.02.2009.

Yours faithfully,

(Prem Chand)

Under Secretary to the Govt. of India
Phone: 24360707/Extn.1023

Copy is forwarded for information and necessary action to:--

1. Director of Audit, Scientific Audit-II, DACR Building. I.P. Estate, Delhi-110002
2. C&MD, IREDA, August Kranti Bhawan, Bhikaiji Cama Place. New Delhi.
3. Director General, Bureau of Indian Standards, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi-11002
4. Regional Offices of MNRE
5. Regional Test Centers

Internal Distribution:

1. PS to Minister,NRE
2. PSO to Secretary, MNRE
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5. Adviser (ST) / Dir (AKS) / Dir.(AKT)/ Dir(AK)/Dir(B.) /Dir.(SR)/Dir.(TIFAD)/
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6. Director (NIC) with the request to upload this on the MNRE's website
7. Cash Section
8. Pay & Account Officer, MNRE
9. Sanction folder

(Prem Chand)
Under Secretary to the Govt. of India

Guidelines for implementation of the Programme on “Development of Solar Cities”

1.0 Background

About 30% (285.35 million people, 2001 census) of the Indian population resides in urban areas. In post-independence era while population of India has grown three times, the urban population has grown five times. Urban areas are heavily dependant on fossil fuels (often imported), for the maintenance of essential public services, for powering homes, transport systems, infrastructure, industry and commerce. The fossil fuels are increasingly becoming more expensive due to scarcity of fuel and increase in demand. In addition to this, the environmental and social impacts of the consumption of fossil fuels are increasingly becoming a concern. These impacts include air pollution, global warming, waste disposal problems, land degradation and the depletion of natural resources.

Urbanization and economic development are leading to a rapid rise in energy demand in urban areas. Urban areas have emerged as one of the biggest sources of Green House Gas (GHG) emissions, with buildings alone contributing to around 40% of the total GHG emissions. As per latest UN report one million people are moving to urban areas each week. It is estimated that around two-thirds of the world population will be living in cities in 2050. This requires a tremendous shift in energy resources in urban areas. In recognition of this, various cities around the world are setting targets and introducing policies for promoting renewable energy and reducing GHG emissions. London has announced 20% Carbon emission reduction by 2010; New York and 200 other U.S. cities have set a similar target. Tokyo has announced 20% share of renewables in total consumption by 2020 and Australian government has initiated a Solar Cities programme.

Several Indian cities and towns are experiencing 15% growth in the peak electricity demand. The local governments and the electricity utilities are finding it difficult to cope with this rapid rise in demand and as a result most of the cities/towns are facing severe electricity shortages. There is a need to develop a framework that will encourage and assist cities in assessing their present energy consumption status, setting clear targets for and preparing action plans for generating energy through renewable energy sources and in conserving energy utilized in conducting urban services.

The proposed programme on “Development of Solar Cities” would support/encourage Urban Local Bodies to prepare a Road Map to guide their cities in becoming ‘renewable energy cities’ or ‘solar cities’ or ‘eco/green cities’. The Ministry has already initiated various programmes in the Urban Sector for promoting solar water heating systems in homes, hotels, hostels, hospitals and industry; deployment of SPV systems/devices in urban areas for demonstration and awareness creation; establishment of ‘Akshya Urja Shops’; design of Solar Buildings and promoting urban and industrial waste/ biomass to energy projects. The programme aims to consolidate all the efforts of the Ministry in the Urban Sector and address the energy problem of the urban areas in a holistic manner.

2.0 Major activities to be conducted in the Programme

The Program has been designed to address challenges in delivering sustainable energy at city level through:

- Preparation of a **Master Plan** within a period of one year from the date of sanctioning by the Ministry. The Master Plan should be prepared as per the guidelines and format prescribed by the Ministry. The Master Plan prepared in the prescribed format would provide total and sector-wise projections for energy demand and supply for next 10 years. Further, it would provide a complete sector-wise base-line on energy utilization and GHG emissions in the city. Year-wise targets for energy conservation, renewable energy addition and GHG abatement along with the action plan for implementation will be clearly brought out in the Master Plan. Potential sources of funding from respective organizations (both public and private) for providing financial support will be identified. Before finalization, the draft Master Plan would be discussed in a Stakeholders Consultation Workshop having representation from elected representatives, local research and academic institutions, resident welfare associations, industries and corporate organizations, NGOs, SNA, etc. The Master Plan will also contain few implementable Detailed Project Reports which could be submitted by the Implementing Agency for sanction. The Master Plan will ensure reduction in their energy consumption from the existing level and consequent reduction in CO₂ emissions.
- Setting up of “**Solar City Cell**” in the City Council including Senior Administrator and City Engineers, representative of SNAs for planning and implementation. A “**Solar City Stakeholders Committee**” will be set up for advisory support involving representation from elected representatives in the municipal bodies, local research and academic institutions, resident welfare associations, industries and corporate organizations, NGOs, State Nodal Agencies and other relevant stakeholder.
- Organizing training programmes/ workshops/ business meets/ awareness camps etc. for various stakeholders such as elected representatives of the municipal bodies, municipal officials, architects/engineers, builders and developers, financial institutions, NGOs, technical institutions, manufactures and suppliers, RWAs etc. and visits/ study tours within India.
- Preparation of proposals for carbon financing.
- Organizing publicity and awareness campaign through print & electronic media.
- Development of Four Cities as “Model Solar City” by way of supporting the installation of renewable energy and energy conservation devices/systems in govt./ public buildings through financial support from the Ministry.
- About 50 new small townships/campuses being developed by the promoters/builders, SEZs/ industrial towns, Institutional campus etc. for preparation of a Master Plan/DPR including the action plan for renewable energy installations and green campus development will be supported.

2.0 Financial Provisions

The Central Financial Assistance (CFA) will be provided as follows:

3.1 CFA for preparation of Master Plans along with the Action Plans, setting up of Solar City Cell and its functioning, other promotional activities and oversight of implementation etc.

Up to Rs. 50.00 lakh per city/town depending upon population and initiatives to be taken by the City Council/ Administration/Municipal Corporation, break-up of which is given below:

- (i) Up to Rs. 10.00 lakh is for preparation of a Master Plan alongwith few implementable Detailed Project Reports within a year.
- (ii) Up to Rs. 10.00 lakh is for oversight of implementation during three years.
- (iii) Up to Rs. 10.00 lakh is for setting up of Solar City Cell and its functioning for a period of three years.
- (iv) Remaining amount of Rs. 20 lakh is to be utilized in three years for other promotional activities, trainings, workshops, study tours and augmenting the activities of Solar City Cell.

The above provisions are applicable for all 60 Cities including Pilot Solar Cities and Model Solar Cities irrespective of financial provisions made separately for these, elsewhere.

3.2 CFA for installation of various renewable energy projects/systems/devices in the Pilot Solar City

Sanctions will be given under Solar City Programme by the Ministry depending upon the maturity of the proposal commensurate with the Master Plan and DPRs. A total CFA for installation of various renewable energy projects/systems/devices in the city upto Rs. 2.50 crore will be provided for each Pilot Solar City.

The funds will be released to the Solar City/Township under the Solar City programme subject to the condition that the equal amount i.e., Rs. 2.50 crore will be made available by the concerned Municipal Corporation/City Administration/State or any other resources. The financial pattern will be as applicable in the schemes under Jawaharlal Nehru National Solar Mission being implemented by the Ministry for Solar related projects. For other projects the MNRE's CFA of 50% or as in MNRE's respective programmes, whichever is higher, would be applicable.

*The first 10 cities will be covered under this financial assistance during 11th plan as Pilot Solar Cities on merit on first come first served basis. This financial assistance will be available to those cities which fulfill or have taken actions on the **minimum of three** conditions as listed in **Annexure I**.*

Those projects set up by availing this amount of Rs. 2.50 crore of MNRE as Pilot Solar Cities will not be entitled to further avail the MNRE subsidy for the same project under any other programme. However, the other projects can be set up under MNRE programmes.

For other Solar Cities, the financial pattern will be as applicable in the schemes under Jawaharlal Nehru National Solar Mission being implemented by the Ministry for Solar related projects and for other projects the MNRE's CFA as applicable in MNRE's respective programmes under this programme may be utilized.

3.3 CFA for preparation of a Master Plan and DPRs including the action plan for new small townships/campuses being developed by the promoters/builders, SEZs/ industrial towns, Institutional campus etc.

Upto Rs. 10.00 lakh for preparation of a Master Plan and DPR including the action plan for renewable energy installations, green campus development, awareness generation and trainings etc. will be provided for each *new small townships/campuses duly notified/permitted by the States/Local Authorities*.

3.4 CFA for organizing seminars / workshops trainings, awareness campaigns preparation of literature/guidelines etc.

The activities relating to Solar City Programme may be carried out under the Ministry's scheme on 'Seminar and Symposia on New and Renewable Energy' by the Ministry or any other organizations.

3.5 CFA for Model Solar Cities

The CFA up to Rs. 9.50 crore for each **Model Solar City** will be provided to four Model Solar Cities with the condition that the similar matching fund upto Rs.9.50 crore is provided by the Municipal Corporation/ Municipality/State/District authority or arranged by them from their own or other sources including public private partnership for **four** Model Solar Cities. This financial assistance will be available for setting up of related project/systems/devices to those Model Solar Cities which have fulfilled or taken actions on the **minimum of three** conditions as listed in **Annexure-I**. For earlier sanctioned two Model Solar Cities the 50% CFA can be availed out of the funds sanctioned. However, for the two new Model Solar Cities to be sanctioned under this modified scheme, the financial pattern will be as applicable in the schemes under Jawaharlal Nehru National Solar Mission being implemented by the Ministry for Solar related projects. For other projects the MNRE's CFA of 50% or as in MNRE's respective programmes, whichever is higher, would be applicable.

Indicative measures and the list of energy conservation and renewable energy devices/systems that could help in preparing the Master Plan & developing cities as Solar Cities are given in **Annexure-II & III**.

4.0 Cities to be supported

A total of 60 cities/towns are proposed to be developed as "Solar Cities" during the 11th Plan period. At least one city in each State to a maximum of five cities in a State will be supported by the Ministry. The cities/towns included in the program will have population between 0.50 lakh to 50 lakh which includes the floating population. Cities with even less population located in North Eastern and hilly states, Islands and UT's will also be considered under the program on case to case basis on merit.

5.0 Criteria for selection of cities

The program encourages cities with high level of commitment and leadership quality. MNRE will consider the following while selection of cities:

- City Population, regional setting and prominence in region.
- Political and administrative commitment towards adoption of sustainable energies (Resolution to be passed by the City Council/Administration for implementing all the activities specified in the 'Solar cities' programme).
- Regulatory measures taken on adoption of energy conservation and renewable energy.
- Potential for adoption of energy conservation and renewable energy in the city activities.
- Initiatives already taken by City Council/Administration/ Private Developers/ Industry/ General Public in promoting energy conservation and renewable energy.
- Urban Local Bodies' previous experience in involving public participation and working with all stakeholders.
- Willingness and commitment to provide resources, financial share and sustenance of activities initiated under the program.

6.0 Procedure for Submission of Proposals, Sanctions and Release of funds

Proposals as per the prescribed format given in **Annexure-IV** will be submitted by the City Council/Administration/Municipal Corporation/ Municipalities/ Developers/Institutions etc. preferably through State Nodal Agency. The proposals will be examined in the Ministry based on which 50% of the CFA will be released on sanctioned projects/activities and rest on progressive achievements and utilization of funds released for the activities i.e., for preparation of Master Plan, setting up of Solar City Cells, other awareness, training and publicity, over seeing the implementation other than cost of setting up of the projects.

For availing the provisions of funds for setting up of projects/systems/devices of Renewable Energy, the specific proposal for each project or group of projects will be submitted by the concerned City Council/Administration/Municipal Corporation/Municipalities/Organization of the approved Solar City for consideration. The proposal should be accompanied by the resolution of Municipal Corporation/Municipality/Nominated Agency indicating the commitment for providing the matching fund upto Rs.2.50 crore for the Solar City. The benchmarks for standards and costs and the guidelines as applicable in other programmes of MNRE will be followed. Similarly the proposal for Model Solar Cities will also be prepared and submitted alongwith the commitment of the concerned organization.

The CFA for setting up of projects will be released on two installments. The 1st installment of 50% will be released at the time of sanction of the project with the commitment that the matching fund will be provided by the proposing organization. The 2nd installment of remaining 50% will be released on completion of the project, receipt of Utilization Certificate of the 1st installment and a project completion report duly submitted by the Competent Authority.

For small townships/campuses the proposal should be prepared by the respective developer/builder/institution given in prescribed format at **Annexure-V**

with the commitment in the suitable bond paper indicating that the installations of the projects/systems/devices of Renewable Energy will be under taken after preparation of the Master Plan/DPR.

7.0 Institution of Awards

Annual awards to identified Solar Cities may be given away by the Ministry in the form of Shields/ Certificates based on the information provided by City Council/Administration in regard to initiatives taken on developing their city as Solar City. The awards to the best townships/campuses will also be given and with a certification of using the “Solar Township” or “Solar Campus”.

8.0 Performance Evaluation

Sanctioned cities will be required to submit reports on half yearly basis as per the details given in their Master Plan. Energy saved and energy generated through energy conservation and renewable energy devices/systems will be clearly indicated in the report along with the promotional and policy measures taken by them in achieving the targets.

An evaluation of the experience of implementation of the program would be undertaken at the end of Eleventh Five Year Plan and further extension and inclusion/calibration of program activities will be decided.

9.0 Provision of Consultancy Help

One consultant will be engaged for providing technical help in implementation of the programme. This will help in expanding activities, rigorous monitoring and follow ups as well.

Conditions required for a Solar City for availing the funds of MNRE

- i. The City has created a **Solar City Cell** and constituted the **Stakeholders Committee**. A copy of the notifications for creation of Solar City Cell and Stakeholders Committee to be submitted.
- ii. Action initiated/taken to amend building bye-laws for making the use of solar water heating systems mandatory in certain category of buildings.
- iii. Action initiated/taken to provide rebate in property tax through Municipal Corporations/ Municipalities or in electricity tariff through Utilities/ Electricity Boards to the users of solar water heaters especially in domestic sector.
- iv. Action initiated/taken to promote National Rating System for construction of energy efficient Green Buildings in particular to commercial and institutional buildings. The city has issued G.O as regards to construction of Green buildings in compliance with approved National Rating Systems like GRIHA particularly in Government/PSUs buildings.
- v. As per MSW Rules notified by the MoEF, the city has initiated/taken actions for proper MSW management and for setting up set up projects of suitable capacity for generating energy from the waste collected from the city/town.
- vi. The city has initiated actions in amending/has amended the byelaws or makes new byelaws for promoting the renewable energy options for avoiding use of diesel and petrol gen-sets in markets, public places, schools, offices etc.
- vii. Action initiated/taken for reduction of electricity consumption in street light/garden lights, traffic lights, blinkers, hoardings etc. and in schools, commercial buildings, offices, institutional buildings and other establishments by using energy conservation & renewable energy devices.
- viii. The Municipal Corporation/ Municipality/SNA have established at least one Akshay Urja Shop alongwith the repair and maintenance facilities either in their campus or at some prominent place in the City.
- ix. The Master Plan has been prepared and the installation of at least 2 to 3 Major Projects of Renewable Energy have taken place/sanctioned/commenced.

Renewable Energy and Energy conservation projects/system/devices for Solar Cities

Solar City will focus on the limited and popular renewable energy projects/systems/devices such as solar PV systems including and building integrated photovoltaic, kitchen waste based plants, solar water heating systems, solar cooking systems, solar steam generating/drying/air heating systems, solar concentrators for process heat applications, solar air-conditioning, power projects on methane recovery from STPs, bio-mass gasification based systems, biogas, wind etc.

Energy conservation/devices/systems

- i) LEDs/ CFLs instead of incandescent bulbs
- ii) LED traffic lights
- iii) Electronics chokes and fan regulators
- iv) Sensors for automatic on/off of street lights
- v) Automatic speed regulating fans/motors
- vi) Plugging of leakages in the water supply system and use of efficient pumps and motors
- vii) Energy efficient electrical appliances such as fans, refrigerators, air conditioners, coolers, room heaters, water pumps etc.
- viii) Use of insulating materials and low-energy/energy-efficient building materials e.g. fly ash bricks, hollow bricks, stabilized mud blocks, etc. in building construction
- ix) Any other Energy Efficient/ Energy Conservation device, project being promoted by BEE, Ministry of Power or MNRE

Solar passive architecture in buildings/housing complexes

Major components of solar passive architecture are orientation of building, sun shades, double glazed windows, smart glazing window overhangs, thermal storage wall/roof, roof painting, ventilation, evaporative cooling, day lighting, wind towers, earth air tunneling, construction materials etc. Incorporation of specific components will depend in which climatic zone the building is being constructed.

Green Buildings

The construction of the Green Buildings as per GRIHA Rating/other rating System.

Indicative measures to be taken by City Council/Administration for developing their city/town as 'Solar City'

1. To create a "Solar City Cell" with in the City Administration/ Council which will be fully responsible for city planning and implementation of projects towards making it a "Solar City"?
2. To conduct energy auditing of Govt./Public sector buildings, water pumping and street lightings in the city at regular interval and take necessary steps towards conservation of electricity. Other establishments also to be encouraged for the same.
3. To reduce electricity consumption in street light/garden lights, traffic lights, blinkers hoardings etc. by using energy conservation & renewable energy devices.
4. To amend building bye-laws for making the use of solar water heating systems mandatory in certain category of buildings.
5. To provide rebate in property tax through Municipal Corporations/ Municipalities & in electricity tariff though Utilities/ Electricity Boards to the users of solar water heaters especially in domestic sector.
6. To issue G.O as regards to construction of energy efficient solar buildings at least in Govt. /Public sectors in accordance with ECBC :2006 and follow up its implementation rigorously.
7. To comply to MSW Rules 2000 notified by the MoEF and set up projects of suitable capacity for generating energy from the waste collected from the city/town.
8. To organize rigorous publicity, and also the training programmes/ business meets for various stake holders e.g. architects, engineers, builders & developers, financial institutions, NGOs, technical institutions, manufactures/suppliers, RWAs etc. so as to involve them actively in meeting the objective of solar city.
9. To generate necessary funds from State Govt. and other funding organizations for achieving the objective of making the city as "Solar City". Benefits of the schemes of Govt. of India will also be taken in meeting the objectives.
10. To achieve targets set by the City Council/Administration for reducing consumption of electricity through renewable energy and energy conservation devices during five years of implementations for developing their city as Solar City.

**Format for submission of proposals for
Solar City/Pilot Solar City/Model Solar City**

1. City Information

City Name	
City Population (2001 Census)	
Present Population estimated	
Area (Sq Km)	
No of Wards	
Regional setting and connectivity (Air, Rail and Road)	
Economic Base of City	
Any other information	

2. Implementing agency/organization

Name of Local Body	
Organization (Please mention) Municipal Corporation/ Municipal Council / Municipality	
Contact Person	
Complete Address with e-mail	
Telephone:	
Fax:	
Email Address and Website:	

3. City Leadership and Commitment

Please describe briefly enclose separate sheet for details	
Details of initiatives already taken by City Council/Administration in promoting energy conservation and renewable energy devices	
Any regulatory measures taken on adoption of energy conservation and renewable energy devices	
Exemplary initiatives taken in energy conservation /renewable energy by the private sector	
Local/State Institutions (academic/ research institutions), corporate	

organizations, architects, NGOs, energy auditors, consultants etc. who can contribute in the initiative	
Political commitment to the project	
Can city establish and support a local expert group including administrators (state/local) relevant organizations/ institutions, politicians, consultants, utilities, information centres etc.(provide information in detail)	
Commitment about the funds to be provided by Municipal Corporation/SNA/state/local Govt.	

4. Activity Plan and Budget

Please describe briefly enclose separate sheet for details	
Amount sought from MNRE as per the provision of scheme.	
Amount to be contributed by proposing agency	
Action Plan for utilization of funds	
Time period for preparation and submission of Master Plan to the Ministry after sanctioning of the proposal	
Any other information	

Expression of Interest

On behalf of we express our interest for joining the Solar Cities program of Ministry of New and Renewable Energy, Govt of India.

Signature with Official Stamp
(Head of City Council/ Administration)

Format for submission of proposals for Small Townships/Campuses for preparation of a Master Plan/DPR including the action plan for renewable energy installations, green campus development, awareness generation and trainings.

1. Townships/Campus Information

Townships/Campus Name	
Townships/Campus Population	
Area (Sq Km)	
No of Wards/Colonies/Sectors	
Regional setting and connectivity (Air, Rail and Road)	
Economic Base of Townships/Campus	

2. Implementing agency/organization

Name of Local Body	
Organization (Please mention) Municipal Corporation/ Municipal Council / Municipality/Developer /Builder/Institution	
Contact Person	
Complete Address with e-mail	
Telephone:	
Fax:	
Email Address and Website:	

3. Townships/Campus Leadership and Commitment

Please describe briefly enclose separate sheet for details	
Details of initiatives already taken by Townships/Campus/Council/Administration in promoting renewable energy and energy conservation	
Any regulatory measures taken on adoption of renewable energy and energy conservation devices	
Exemplary initiatives taken in renewable energy/ energy conservation by the private sector	

Local/State Institutions (academic/ research institutions), corporate organizations, architects, NGOs, energy auditors, consultants etc. who can contribute in the initiative	
Political commitment to the project	
Can Townships/Campus establish and support a local expert group including administrators (state/local) relevant organizations/ institutions, politicians, consultants, utilities, information centres etc.	Yes/ No

4. Activity Plan and Budget

Please describe briefly enclose separate sheet for details	
Amount sought from MNRE as per the provision of scheme.	
Action Plan for utilization of funds for Master Plan/DPR including Action Plan & PERT Chart, Awareness Generation and Training	
Time period for preparation and submission of Master Plan to the Ministry after sanctioning of the proposal	
Financial Commitment of the Township/Campus for setting up of renewable energy projects/systems/devices	
Commitment for adopting National Rating System for Green Buildings like GRIHA	

Expression of Interest

On behalf of we express our interest for joining the Solar Township/Campus program of Ministry of New and Renewable Energy, Govt of India.

Signature with Official Stamp
(Head of the Township/Campus)