

Financial provisions and guidelines for Implementation of

Solar Building Programme

A. Solar Buildings

- **Preparation of DPRs :** CFA @ 50% of the cost of the DPR, subject to a maximum of Rs. 2 lakhs will be provided for preparation of DPRs, including detailed building plan and architectural drawings for public / private institutional buildings. A maximum of 10 DPRs will be supported in each State, with the CFA being released on reimbursement basis. The DPRs should normally contain information as per format given at **Appendix-II(a)**. The proposals generated will be routed through SNAs who will ensure that the DPRs prepared are actually resulted in construction of solar buildings. 50% of the CFA sanctioned will be released on completion and submission of DPRs to MNES alongwith SOE and the balance after commencement of building construction as per the DPR. Before submitting the proposals, the SNAs in consultation with PWD/ other related Govt. bodies will, certify that the cost of the DPR is reasonable.
- **Demonstration Solar Buildings :** Support for construction of demonstration solar buildings will be provided by the Ministry up to 10% of the cost of construction, subject to a maximum of Rs. 50 lakhs for each project. The support will be available for the buildings of State Nodal Agencies and other public/Govt. buildings. Active solar systems installed in the buildings will not be covered under the scheme. Two buildings will be supported in each State, with initial release of 25% of CFA and further releases based on the utilization

of funds and the progress made on buildings as per DPR. The proposals will be submitted by the SNAs alongwith DPR and certified cost of construction of the building from PWD/other related Govt. bodies.

B. Promotional Activities

- **Workshops and seminars** : Support will be provided to hold workshops and seminars for creating awareness, generating public interest and providing inputs about the technology to engineers, planners, builders, architects, consultants, housing financing organizations and potential house owners. Orientation courses will also be supported for architects and builders to motivate them for adopting solar efficient building techniques. Upto Rs. 2 lakhs will be provided for National-level and State / divisional level programmes on case-by-case basis.

- **Publications**: Support will be provided for compilation and publishing of documents on solar buildings which include popular literature, books and manuals for architects and designers, promotional material in different languages etc.; award competition for energy efficient buildings; and, formulation of design guidelines for energy efficient buildings, preparation of manuals, information brochures, etc., will be supported upto 2.0 lakhs per activity on case-by-case basis.

The proposals on above promotional activities could be generated by SNAs / IREDA / Technical Institutions / Govt. bodies / Associations etc. and

SOLAR BUILDINGS PROGRAMME
CONTENTS OF THE DETAILED PROJECT REPORT FOR A SOLAR BUILDING

Format for preparation of Details Project Report (DPR) of building using concepts of solar architecture will be as per following :

- Climatic Data,
- Climatic Classification,
- Climatic Analysis,
- Strategies of planning and design,
- Specific architectural features for using solar energy and improving the energy efficiency of the building, with necessary details, drawings etc.

Estimated cost of the building and the cost of the additional architectural features mentioned above.
