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Foreword

भारत सरकार
नवीन और नवीकरणीय ऊर्जा मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY

Solar has emerged as the fastest-growing energy generation technology globally over the past decade due to increased awareness of climate change hazards, energy security considerations, large-scale adoption by utilities, facilitating policy and regulatory frameworks, decline in generation costs and emergence of innovative business models. Government of India has undertaken an ambitious target of 100 GW solar power, including 40 GW from rooftop solar (RTS) power, as part of its Green Commitments before UNFCCC.

RTS projects provide a clear opportunity for State Governments, Utilities and Cities as they do not require pooling of land or separate transmission facilities and also have minimal technical losses. Still the RTS power is still an emerging segment in India. Hence this Ministry is pursuing development of proactive eco-system for fast deployment of RTS projects. Thus Ministry of New & Renewable Energy (MNRE) and State Governments have initiated measures to provide financial subsidy in Residential/ Institutional/ Social sectors and financial incentive for RTS projects in Government/ PSU sector, to notify Gross/Net metering policies in 26 States/UTs, to develop RTS online portal and SPIN platform, to empanel channel partners, to assess RTS potential of buildings under all Ministries, to coordinate with Ministry of Urban Development of RTS projects in SMART cities and Solar Cities, to train Surya Mitras and staffs of DISCOMs/SNAs and of Banks through NISE and SETNET institutions and to provide concessional credit to project developers through multi-lateral support (World Bank, Asian Development Bank, KfW and New Development Bank).

Design and implementation of RTS project requires substantial coordination of several agencies, viz. Regulatory Commission (Net metering regulation), Discom (net-metering & bill settlement), Ministry & State Nodal Agency (release of subsidy), Banks (housing/ improvement loan), Urban Local Body (IEC for public campaign), Rooftop owner (access to roofs), Developers/ Aggregators / EPC contractors (project implementation & operation), etc. To ensure a consistent and robust eco-system, we need to learn from initiatives, policies and regulations of various stakeholders.

Hence MNRE has been working with Central Board of Irrigation and Power (CBIP) for developing this Compendium. It collates RTS Promotion Policies of all States/ UTs, Net/ Gross Metering Regulations, Subsidy/ Incentive schemes of MNRE, Guidelines of Ministry of Finance, RBI and IREDA on financing RTS projects, orders of CEA as also Model Bidding Documents for Residential/ Institutional/ Social sectors and for Government/ PSU sectors.

We have also added lucid summary and comparison of all Policies/ Regulations /Standards to increase utility of this Compendium. I am confident that it would help in accelerating speed of implementation process of RTS projects at the Ministry / State / UT level. Hence I would like to thank CBIP for developing this Compendium expeditiously.

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