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## LIST OF ABBREVIATIONS

PV	Photovoltaic
NASA	National Aeronautics and Space Administration
GHI	Global Horizontal Irradiance
STC	Standard Test Condition
Mono C-Si	Mono Crystalline Silicon
Multi C-Si	Multi Crystalline Silicon
a-Si	Amorphous Silicon
CdTe	Cadmium Telluride
CIGS	Copper Indium (gallium) diselenide
CIS	Copper Indium Di-selenide
NOCT	Nominal Operating Cell Temperature
SEC	Solar Energy Centre
SPV	Solar Photovoltaic
JNNSM	Jawaharlal Nehru National Solar Mission
NREL	National Renewable Energy Laboratory
MNRE	Ministry of New and Renewable Energy
IMD	Indian Meteorological Department
SRRA	Solar Radiation Resource Assessment
IEC	International Electrotechnical Commission
GIS	Geographic Information System
C-WET	Centre for Wind Energy Technology
SRE	Standard Reference Environment
BIPV	Building Integrated Photovoltaic
NAIST	Nara Institute of Science and Technology
LCA	Life Cycle Assessment
GHG	Greenhouse Gases
EPBT	Energy Payback Time
HIT	Hetero-Junction with thin Intrinsic layer