

GLOSSARY & ABBREVIATIONS

Containing Definitions, Expansion of Abbreviations

AAD	Advance Against Depreciation
ABT	Availability Based Tariff
Act / EA	Electricity Act 2003 (EA- 2003)
ACF	Auxiliary Consumption Factor
AFC	Annual Fixed Charge/ Annual Fixed Cost
ALDC	Area Load Dispatch Centre
AMC	Annual Maintenance Contract
Appropriate Commission	Means Central Regulatory Commission as per sub-Section (1) of Section 76 of Act or State Regulatory Commission as per section 82 of the Act
Area of Supply	The Area within which a Distribution licensee is authorized to supply Electricity
ARR	Annual Revenue Requirement
ATE / AT	Appellate Tribunal for Electricity
Aux	Auxiliaries
AEC	Auxiliary Energy Consumption
Banking of Power	It is the process under which a generating plant supply power to the grid not with intention of selling it to either a third party or to a licensee but with the intention of exercising his eligibility to draw back this power from the grid
Bill Meter	ABT compatible import and export meter on the basis of which energy bills shall be raised by the generating plant
Billing Month	Period between two successive meter reading dates
BOO	Build, Own and Operate
BOOT	Build- Own – Operate – Transfer
BOT	Build, Own and Transfer
BSC	Balancing and Settlement Code
CAGR	Compounded Annual Growth Rate
Captive User	End user of the Electricity generated in a Captive Generating Plant
CBG	Competitive Bidding Guidelines
CBR	Conduct of Business Regulations
CD	Contract Demand
CDM	Clean Development Mechanism
CEA	Central Electricity Authority
CER	Certified Emission Reduction
CERC	Central Electricity Regulatory Commission
CFA	Central Finance Assistance
Check Meter	ABT compatible import and export meter for performing a check on the accuracy of the bill meter
COD	Commercial Operation Date

Co-generation	The process in which more than one form of energy (such as steam and electricity) are produced in a sequential manner.
COG	Cost of Generation
COS	Cost of Supply
Control Period /Review Period	The period during which the norms for determination of tariff specified in the regulations shall remain valid.
CPI	Consumer Price Index
CPPs	Captive Power Plants
CPSU	Central Power Sector Units
CSP	Concentrated Solar Power
CSR	Corporate Social Responsibility
CT	Current Transformer
CTU	Central Transmission Utility
CUF	Capacity Utilization Factor
Date of Commissioning	Date on which supply of energy is commercially commenced by the generating plant
DDG	Decentralized Distributed Generation
DER	Debt-Equity Ratio
Developer	Entity which develops the projects
Distribution Licensee	A licensee authorized to operate and maintain a distribution system for supply of electricity to the consumers in his area of supply
Distribution System	The portion of an electric system that is dedicated to delivering electric energy to end users.
DPR	Detailed Project Report
DSI	Detailed Survey Investigations
DISCOM	Distribution Company
EAR	Energy Audit Report
EBA	Energy Banking Agreement
ED	Electricity Duty
Energy Account Month	Period from the date of meter reading in previous month to date of meter reading in the following month
EHV	Extra High Voltage
EMD	Earnest Money Deposit
ENTITY	Independent Power Producer / Developer
EWA	Energy Wheeling Agreement
Export Meter	Bill meter installed at the grid substation
FIs	Financial Institutions
Financial Year	Year Starting on 1st April of Calendar year and ending on 31st March of next calendar year
Floor Price	Minimum Price determined by CERC for RE Certificate
FOR	Forum of Regulators

Forbearance Price	The ceiling price as determined by the Central Commission in accordance with CERC Regulations - 2010
FY	Financial Year
GBI	Generation Based Incentive
GFA	Gross Fixed Asset
GHG	Green House Gas
GOI	Government of India
GOJK	Government of Jammu & Kashmir
Grid	Means high voltage backbone system of interconnecting transmission lines, substations and generating plants
Grid Code	Means the grid code specified by CERC/SERC
Grid Mode	Power Projects Injecting Power in to the Grid
Grid Quality Power	Power maintaining reliability & stability of Power supply as Grid supply
HT	High Tension
High Voltage	Voltage level as defined in Act/Rules
Hybrid Solar Thermal Power Plant	Means the solar thermal power plant that uses other forms of energy input sources alongwith solar thermal energy for electricity generation, and wherein not less than 75% of electricity is generated from solar energy component.
Hz	Grid Frequency
IA	Implementation Agreement
IC	Installed Capacity
ICB	International Competitive Bidding
IDC	Interest During Construction
IEGC	Indian Electricity Grid Code
Import Meter	Bill Meter Installed at the grid substation of STU
Inter-connection Point	Interface point of renewable energy generating facility with the transmission system or distribution system, as the case may be.
Inter-connection Facilities	Facilities which include without limitation switching equipment, control, protection and metering devices etc.
Inter-connection Line	Transmission / Distribution Line connecting Pooling Sub-station/Generation Plant Sub-station of Power Producer to Receiving Sub-station
Infirm Power	Means energy supplied over and above the firm power, which is interruptible on a very short notice.
Investor	A body interested in investing in a project
IPPs	Independent Power Producers
IREDA	Indian Renewable Energy Development Agency
IRR	Internal Rate of Return
Isolation Mode	Project without Grid Connection
IWC	Interest on Working Capital
JNNSM	Jawaharlal Nehru National Solar Mission
Kg	Kilo Gram
kV	Kilo Volt

kVA	Kilo Volt- Ampere
kVARh	Reactive power in Kilo Volt Ampere.
kWh	Kilo Watt-hour
kWp	Kilo Watt Peak
LoA	Letter of Allotment
Lol	Letter of Intent
LoP	Letter of Permission
Licensee	Person granted license under Section -14 of the Act.
LC	Letter of Credit
LCT	Letter of Comfort on Transmission
LDC	Load Dispatch Centre
LRMC	Long Run Marginal Cost
LTPLR	Long Term Prime Lending Rate
Low Voltage	Voltage at 415 Volts and below
MAT	Minimum Alternate Tax
MCR	Maximum Continuous Rating
MMC	Monthly Minimum Charges
MNRE	Ministry of New and Renewable Energy
MoA	Memorandum of Agreement
MOP	Ministry of Power
MOU	Memorandum of Understanding
MPPs	Merchant Power Producers
MW	Mega Watt
MU	Million Unit
MYT	Multi Year Tariff
National Solar Mission or Solar Mission	Jawaharlal Nehru National Solar Mission 2009 launched by Government of India
NEP	National Electricity Policy
Non-Firm Power	The power from Renewable Sources which can not be scheduled e.g. Wind and Small Hydel. Non Firm Power is dependent on natural phenomenon like sun, cloud, wind etc., that cannot be predicted
NO	Network Operator
NOC	No Objection Certificate
NPV	Net Present Value
Nodal Agency	Means SLDC / Sub-State Load Dispatch Centre (SSLDC)
NRSE	New and Renewable Source of Energy
NVVN	NTPC Vidyut Vyapar Nigam wholly subsidiary company of NTPC
OA	Open Access
Obligated Entity	Distribution licensee(s), user(s) owning captive power plant(s), open access consumer(s) including a open access consumer meeting part of energy from distribution licensee & part through open access who have to mandatorily comply with renewable purchase obligation

Open Access	Non-discriminatory provision for use of transmission lines/distribution system / associated facilities with such lines or system by any licensee /consumer/ person engaged in generation in accordance with the regulations specified by the appropriate commission
O&M	Operation and Maintenance
PAT	Profit after Tax
PEA	Power Evacuation Agreement
PF	Power Factor
PFR	Pre-feasibility Report
Phase-1	Remaining period of the 11th Plan & first year of 12th Plan (2012-13) as expressed in National Solar Mission
Phase-2	Remaining four year of the 12th Plan (2013-17) as expressed in National Solar Mission
PLF	Plant Load Factor
PLR	Primary Lending Rate
Pooled Cost of Power Purchase	Weighted average Pooled Price at which distribution licensee has purchased electricity in the previous year excluding purchase based on liquid fuel.
Power Exchange	Any exchange operating as the power exchange for electricity in terms of the orders issued by the Central Commission
PPA/PSA	Power Purchase Agreement/ Power Supply Agreement
Preferential Tariff	Tariff fixed by appropriate Commission for sale of energy from a generating station based on RE sources
Project	Means a generating station or the evacuation system upto inter-connection point.
Prosumer	Producer & a Consumer of Power
PT	Potential Transformer
PV	Photovoltaics
Quantum of Purchase	Percentage share of purchase of electricity from renewable sources as specified in the regulations.
Rate of Return	The rate of return on investment is the ratio of annual benefits (net of annual cost) as a percentage of the original
Reactive Power	The portion of power that is produced by load inductances or capacitances
RES	Renewable Energy Sources
REC	Renewable Energy Certificate
Renewable Energy/ Power	Means the grid quality energy/power generated from renewable energy sources
Renewable Energy Power Plants	Power plants other than the conventional power plants generating grid quality electricity from renewable energy sources
Renewable Energy Sources	Renewable sources such as Small Hydro, Wind, Solar including its integration with combined cycle, biomass, bio fuel cogeneration, urban/municipal waste and other such sources as approved by the MNRE
REO	Renewable Energy Obligation
RLDC	Regional Load Dispatch Centre
ROE	Return on Equity

ROR	Rate of Return
RPS	Renewable Purchase Specification
RPO	Renewable Purchase Obligation
Rs./kWh	Rupees per Kilo Watt hour
R&M	Repair and Maintenance
RPS	Renewable Portfolio Standard
SBD	Standard Bidding Document
Scheduled Generation	Scheduled of Generation in MW or MU ex-bus given by the State Load Dispatch Centre for any period.
SC& TEC	System Coordination and Techno –Economic Clearance
Self Identified Project	Developers to Identify Projects
SERC	State Electricity Regulatory Commission
SLDC	State Load Dispatch Centre
SLM	Straight - Line Method
SRMC	Short Run Marginal Cost
Solar PV Power	The solar photovoltaic (PV) power project that uses sunlight for direct conversion into electricity through photo voltaic technology.
SPG	Solar Power Generator
SPO	Solar Purchase Obligation
SPPs	Solar Power Plants
SPV	Special Purpose Vehicle
SSLDC	Sub- State Load Dispatch Centre
Solar Thermal Power	The solar thermal power project that uses sunlight for direct conversion into electricity through concentrated solar power technology based on either line focus or point focus principle. The direct sun light is concentrated several times to reach higher energy densities and thus higher temperatures whereby the heat generated is used to operate a conventional cycle to generate electricity.
Special Purpose Vehicle	Legal entity owning, operating and maintaining a generating station with no other business or activity to be engaged in by the legal entity
State Identified Projects	State of Sponsored Agencies to identify projects
Stand Alone	Projects without connecting to main Grid
STC	State Technical Committee
STU	State Transmission Utility
Substation	Facility/ equipment that switches, changes, or regulates electric Voltage
Substation Capacity	The substation capacity is given in kVA (kilovolt-amperes)
Supply	In relation to Electricity, means the sale of Electricity to licensee or Consumer
Switchyard	Area holding power transformers and related switchgear, circuit breakers etc.
Tariff	Schedule of charges for generation, transmission, wheeling and supply of electricity together with terms and conditions for application thereof.
T&D	Transmission and Distribution
TEC	Techno –Economic – Clearance
TEFR	Techno –Economic Feasibility Report

TL	Transformation Loss
TOD	Time of Day
TP	Tariff Policy
TPC	Third Party Consumers
TPS	Thermal Power Station
Transmission Charges	The charges payable by renewable energy sources for the use of transmission system
Transmission Licensee	A Licensee authorized to established or operate transmission lines
Trading	Purchase of electricity for resale there of
TSU	Transmission System User
UNFCCC	United Nation's Framework Convention for Climate Change
UI	Unscheduled Interchange
VAT	Value Added Tax
WBA	Wheeling and Banking Agreement
Wheeling Charges	Operation whereby distribution system and associated facilities of transmission licensee /distribution licensee are used by another person on payment basis to be determined under section 62 of Electricity Act 2003
WPI	Wholesale Price Index
Year	Means a financial year