

## Abbreviations

AAD	-	ADVANCED AGAINST DEPRECIATION
ABT	-	AVAILABILITY BASED TARIFF
ACS	-	AVERAGE COST OF SUPPLY
ADB	-	ASIAN DEVELOPMENT BANK
ADMS	-	ADVANCED DISTRIBUTION MANAGEMENT SYSTEM
AECO	-	AHMEDABAD ELECTRICITY COMPANY
ALDC	-	AREA LOAD DISPATCH CENTRE
ANOVA	-	ANALYSIS OF VARIANCE.
APM	-	ADVANCE POWER MANAGEMENT
APPC	-	AVERAGE POWER PURCHASE COST
APSEB	-	ANDHAR PRADESH STATE ELECTRICITY BOARD.
APTEL	-	APPELLATE TRIBUNAL FOR ELECTRICITY
ARR	-	AVERAGE REVENUE REALISED
AT&C	-	AGGREGATE TECHNICAL & COMMERCIAL LOSSES
AUX	-	AUXILIARY
BECL	-	BHAVNAGAR ENERGY COMPANY LIMITED
BEE	-	BUREAU OF ENERGY EFFICIENCY
BFP	-	BOILER FEED PUMP
BHEL	-	BHARAT HEAVY ELECTRICALS LIMITED
BOP	-	BALANCE OF PLANTS.
<i>BRICS</i>	-	<i>BRAZIL RUSSIA INDIA CHINA &amp; SOUTH AFRICA</i>
BTG	-	BOILER TURBINE GENERATOR
CAGR	-	COMPOUND ANNUAL GROWTH RATE
CAPEX	-	CAPITAL EXPENDITURE
CBDT	-	CENTRAL BOARD OF DIRECT TAXES
CDM	-	CLEAN DEVELOPMENT MECHANISM
CEA	-	CENTRAL ELECTRICITY AUTHORITY.
CEICED	-	CHIEF ELECTRICAL INSPECTOR.
CENVAT	-	CENTRALIZED VALUE ADDED TAX
CER	-	CERTIFIED EMISSION REDUCTION
CERC	-	CENTRAL ELECTRICITY REGULATORY COMMISSION.
CMIE	-	CENTRAL FOR MONITORING INDIA ECONOMY.

CNG	-	COMPRESSED NATURAL GAS
COC	-	COST OF CAPITAL
COD	-	COMMERCIAL OPERATION DATE
COGS	-	COST OF GOODS SOLD
COP	-	COST OF PRODUCTION
CPCB	-	CENTRAL POLLUTION BOARD
CPL	-	COASTAL POWER LIMITED
CPP	-	CAPTIVE POWER PLANT
CPPs	-	CAPTIVE POWER PLANTS
CRISIL	-	CREDIT RATING INFORMATION SERVICES OF INDIA LIMITED
CSS	-	CROSS SUBSIDY SURCHARGE
CST	-	CENTRAL SALES TAX
CTU	-	CENTRAL TRANSMISSION UTILITY.
CVPF	-	COST VOLUME PROFIT
DEA	-	DATA ENVELOPMENT ANALYSIS.
DEEP	-	DISCOVERY OF EFFICIENT ELECTRICITY PRICE
DELP	-	DSM BASED EFFICIENT LIGHTING PROGRAMME
DFD	-	DATA FLOW DIAGRAM
DG	-	DISTRIBUTION GENERATION
DGVCL	-	DAKSHIN GUJARAT VIJ COMPANY LIMITED
DISCOM	-	DISTRIBUTION COMPANIES
DMIC	-	DELHI MUMBAI INDUSTRIAL CORRIDOR
DSM	-	DEMAND SIDE MANAGEMENT
EA, 2003	-	THE ELECTRICITY ACT 2003
EBDIT	-	EARNING BEFORE DEPRECIATION INTEREST & TAXES
EBIT	-	EARNING BEFORE INTEREST & TAXES
EBITDA	-	EARNING BEFORE INTEREST TAXES, DEPRECIATION & AMORTISATION.
ECB	-	EXTERNAL COMMERCIAL BORROWINGS
ECR	-	ENERGY CHARGE RATE
E&P	-	ENERGY & PETROCHEMICAL DEPARTMENT OF GUJARAT
ERCs	-	Electricity Regulatory Commissions
ERP	-	ENTERPRISE RESOURCE PLANNING

ESCerts	-	ENERGY SAVINGS CERTIFICATE
FO	-	FURNASE OIL
FOR	-	FORUM OF REGULATORS
FPPPA	-	FUEL POWER PURCHASE PRICE ADJUSTMENT
FRP	-	FINANCIAL RESTRUCTURING PLAN
GAIL	-	GAS AUTHORITY OF INDIA LIMITED
GCV	-	GROSS CALORIFIC VALUE
GDP	-	GROSS DOMESTIC PRODUCT
GEB	-	GUJARAT ELECTRICITY BOARD
GEDA	-	GUJARAT ENERGY DEVELOPMENT AGENCY
GENCO	-	GENERATING COMPANY
GERC	-	GUJARAT ELECTRICITY REGULATORY COMMISSION
GERMI	-	GUJARAT ENERGY RESEARCH & MANAGEMENT.
GETCO	-	GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED
GGCL	-	GUJARAT GAS COMPANY LIMITED
GHG	-	GREEN HOUSE GAS
GHR	-	GROSS HEAT RATE
GIFT	-	GUJARAT INTERNATIONAL FINANCE TEC
GIPCL	-	GUJARAT INDUSTRIES POWER CORPORATION LTD.
GOG	-	GOVERNMENT OF GUJARAT
GOI	-	GOVERNMENT OF INDIA
GP	-	GROSS PROFIT
GPCL	-	GUJARAT POWER CORPORATION LIMITED
GPRS	-	GENERAL PACKET RADIO SERVICES
GSECL	-	GUJARAT STATE ELECTRICITY CORPORATION LIMITED
GSEG	-	GUJARAT STATE ENERGY GENERATION LIMITED
GSPL	-	GUJARAT STATE PETRONET LIMITED
GST	-	GOODS & SERVICE TAX
GTPS	-	GANDHINAGAR THERMAL POWER STATION
GUVNL	-	GUJARAT URJA VIKAS LIMITED
GW	-	GIGA WATT
HSD	-	HIGH SPEED DIESEL
HT	-	HIGH TENSION

HVDC	-	HIGH VOLTAGE DIRECT CURREBT
IAEA	-	INTERNATION ATOMIC ENERGY AGENCY
IAR	-	INDUSTRIAL ALL RISK
IC	-	INTEGRATED CIRCUIT
ICRA	-	INFORMASION & CREDIT RATING AGENCY
IEGC	-	INDIAN ELECTRICITY GRID CODE
IEX	-	INDIAN ENERGY EXCHANGE
IPCL	-	INDIAN PETOLIUM CORPORATION LTD.
IPP	-	INDEPENDENT POWER PRODUCERS
ISGS	-	INTER STATE GENERATING STATIONS
IT	-	INFORMATION TECHNOLOGY
K/CAL	-	KILO CALORIES
KL	-	KILO LITRE
KLTPS	-	KUTCHH LIGNITE THERMAL POWER STATION
KPT	-	KANDLA PORT TRUST
KVA	-	<i>KILO VOTT AMPERE</i>
KWH	-	KILO WATT PER HOUR
LCOE	-	LEVELIZED COST OF ELECTRICITY
LDO	-	LIGHT DIESEL OIL
LNG	-	LIQUIFIED NATURAL GAS
LPG	-	LIQUIFIED PETROLEUM GAS
LPPF	-	LANDED PRICE OF PRIMARY FUEL
LSD	-	LOW SULPHUR DIESEL
LT	-	LOW TENSION
MCP	-	MARKET CLEARING PRICE
MCR	-	MAXIMUM CONTINUOUS RATING CAPACITY
MCV	-	MARKET CLEARING VOLUME
MCX	-	MULTI COMMODITY EXCHANGE
MGVCL	-	MADHYA GUJARAT VIJ COMPANY LIMITED
MNRE	-	MINISTRY OF NEW & RENEWABLE ENERGY
MoF	-	MINISTRY OF FINANCE
MoP	-	MINISTRY OF POWER & COAL
MPDO	-	MUNDRA PORT DEVELOPMENT OFFICER
MPSEZ	-	MUNDRA PORT SPECIAL ECONOMIC ZONE

MSEB	-	MAHARASHTRA STATE ELECTRICITY BOARD
MSME	-	MICRO SMALL & MEDIUM ENTERPRISE
MT	-	METRIC TONNE
MTOE	-	MIDDLE TONNE OF OIL EQUIVALENT
MUS	-	MILLION UNITS
<i>MVA</i>	-	<i>MEGAL VOLT AMPERE</i>
MW	-	MEGA WATT
MWH	-	MEGA WATT PER HOUR
MYT	-	MULTI YEAR TARIFF
NAPCC	-	NATIONAL ACTION PLAN ON CLIMATE CHANGE
NCDEX	-	NATIONAL COMMODITY AND DERIVATIVE EXCHANGE
NEEPCO	-	NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED
NGOs	-	NONGOVERNMENT ORGANISATION
NHPC	-	NATIONAL HYDRO ELECTRIC POWER CORPORATION
NLDC	-	NATIONAL LOAD DISPATCH CENTRE
NMEEE	-	NATIONAL MISSION FOR ENHANCED ENERGY EFFICIENCY
NPHR	-	NET PLANT HEAT RATE
NPV	-	NET PRESENT VALUE
NTPC	-	NATIONAL THERMAL POWER CORPORATION
NVVNL	-	NTPC VIDYUT VYAPAR NIGAM LIMITED
O&M	-	OPERATION AND MAINTENANCE
OEMs	-	ORIGINAL EQUIPMENT MANUFACTURERS
OERC	-	ORISSA ELECTRICITY REGULATORY COMMISSION
OPEX	-	OPERATING EXPENDITURE
PAF	-	PLANT AVAILABILITY FACTOR
PAT	-	PERFORM ACHIEVE AND TRADE
PBDIT	-	PROFIT BEFORE DEPRECIATION INTEREST & TAX
PBT	-	PROFIT BEFORE TAX
PEC	-	PROJECT EXECUTIVE COMMITTEE
PFC	-	POWER FINANCE CORPORATION
PGCIL	-	POWER GRID CORPORATION OF INDIA LTD.
PGVCL	-	PASCHIM GUJARAT VIJ COMPANY LIMITED

PLF	-	PLANT LOAD FACTOR
PMUs	-	PHASOR MEASUREMENT UNIT
POSOCO	-	POWER SYSTEM OPERATION CORPORATION LIMITED.
PPA	-	POWER PURCHASE AGREEMENT
PSEB	-	PUNJAB STATE ELECTRICITY BOARD
PSERC	-	PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
PSSE	-	POWER SYSTEM SIMULATION FOR ENGINEERING
PTC	-	POWER TRADING CORPORATION OF INDIA LIMITED
PV	-	PHOTO VOLTIE
PX	-	POWER EXCHANGE
PXIL	-	POWER EXCHANGE INDIA LIMITED
PXs	-	POWER EXCHANGE
R&M	-	RENOVATION & MODERNISATION
RAPDRP	-	RESTRUCTURED ACCELERATED POWER DEVELOPMENT & REFORMS PROGRAMME
RE	-	RENEWABLE ENERGY
REC	-	RURAL ELECTRIFICATION CORPORATION
REIL	-	RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED
RFO	-	RESIDUAL FUEL OIL
RIA	-	REGULATORY IMPACT ANALYSIS
RLDC	-	REGIONAL LOAD DISPATCH CENTRE
RLNG	-	REGASIFIED LIQUEFIED NATURAL GAS
RM	-	RISK MANAGEMENT
ROCE	-	RETURN ON CAPITAL EMPLOYED
ROE	-	RETURN ON EQUITY
ROI	-	RATE OF INTEREST
RPO	-	RENEWABLE PURCHASE OBLIGATION
RPPO	-	RENEWABLE POWER PURCHASE OBLIGATION
RSD	-	RESERVE SHUT DOWN
RTC	-	ROUND THE CLOCK
SEB	-	STATE ELECTRICITY BOARD
SECI	-	SOLAR ENERGY CORPORATION OF INDIA
SECO	-	STATE ELECTRICITY COMPANY

SERC	-	STATE ELECTRICITY REGULATORY COMMISSION
SEZ	-	SPECIAL ECONOMIC ZONE
SFA	-	STOCHASTIC FRONTIER ANALYSIS
SHR	-	STATION HEAT RATE
SIR	-	SAVINGS TO INVESTMENT RATIO
SLDC	-	STATE LOAD DESPATCH CENTRE
SLR	-	STATUTORY LIQUIDITY RATIO
STOA	-	SHORT TERM OPEN ACCESS
STPS	-	SIKKA THERMAL POWER STATION
STU	-	STATE TRANSMISSION UTILITY
SWOT	-	STRENGTH WEAKNESS OPPORTUNITY & THREATS
T&D	-	TRANSMISSION & DISTRIBUTION
T&D losses	-	TRANSMISSION & DISTRIBUTION LOSSES
THDC	-	TEHRI HYDRO DEVELOPMENT CORPORATION LIMITED
TPL	-	TORRENT POWER LIMITED
TPS	-	THERMAL POWER STATION
UDAY	-	UJAWAL DISCOM ASSURANCE YOJNA
UGVCL	-	UTTAR GUJARAT VIJ COMPANY LIMITED
UI	-	UNSCHEDULED INTERCHANGE
UMPP	-	ULTRA MEGA POWER PROJECT
UN	-	UNITED NATIONS
UNEP	-	UNITED NATION ENVIRONMENT PROGRAMME
UNFCCC	-	THE UNITED NATION FRAMEWORK CONVENTION ON CLIMATE CHANGE
UPS	-	UNINTERRUPTED POWER SUPPLY
UT	-	UNION TERRITORY
UTPS	-	UKAI THERMAL POWER STATION
VAT	-	VALUE ADDED TAX
WC	-	WORKING CAPITAL
WCM	-	WORKING CAPITAL MANAGEMENT
WTPS	-	WANAKBORI THERMAL POWER STATION.