

ABBREVIATIONS USED

Abbreviation	Full Name
AFC	Agricultural Finance Corporation
As	Arsenic
BCD	Biochemical Oxygen Demand
BH	Bore Hole
BIS	Bureau of Indian Standard
BM	Bench Mark
BOD	Bio Oxygen Demand
BPL	Below Poverty Line
CA	Catchment Area
Ca	Calcium
CaCO ₃	Calcium Carbonate
CAD	Command Area Development
CAT	Catchment Area Treatment
CBIP	Central Board of Irrigation & Power
cc	Cement Concrete
CCA	Culturable Command Area
CD	Cross Drainage
Cd	Cadmium
°C	Degree Centigrade
CEA	Central Electricity Authority
CEC	Chief Engineer Co-ordination
Cfm	Cubic feet metre
Co	Cobalt
CGWB	Central Ground Water Board
Cl	Chloride
cm	Centimetre
CMO	Construction Management Organisation
CS	Cross Section
CMDD	Concrete Masonry Design Directorate
Cr	Chromium
CSMRS	Central Soil and Material Research Station
Cu	Copper
Cum	Cubicmetre
Cumec	Cubic metre per second
Cusec	Cubic feet per second

CWC	_	Central Water Commission
d/s	_	Down Stream
DH	-	Drill Hole
DBE	_	Design Basis Earthquake
DO	-	Dissolved Oxygen
DPR	_	Detailed Project Report
DSL	_	Dead Storage level
E	_	East
EEC	_	European Economic Community
EIA	_	Environmental Impact Assessment
E&M	-	Electrical & Mechanical
EL	-	Elevation level
EPG	-	Emergency Planning Group
ERP	-	Economic Rehabilitation Programme
Eto	-	Evapo-transpiration
F	-	Floride
FB	_	Fore Bearing
Fe	-	Iron
FRL	_	Full Reservoir Level
FSD	_	Full Supply Depth
g	_	Acceleration due to gravity
GD&S	-	Gauge Discharge & Silt
G&D	_	Gauge & Discharge
GCA	_	Gross Command Area
GI	_	Galvanised Iron
GIR	_	Gross Irrigation Requirement
GSI	_	Geological Survey of India
GW	_	Ground Water
H	_	Horizontal
ha	_	hectare
HP	-	Horse Power
hr	-	Hour
ham	_	hectare-metre
HCD	-	Hydel Civil Design
HE	-	Hydro Electric
HEP	-	Hydro Electric Project
HT	_	High Tension

HYV	_	High Yield Varieties
IC	-	Installed Capacity
IIT	_	Indian Institute of Technology
IMD	_	Indian Meteorological Department
IMF	_	International Monetary Fund
IMO	_	Irrigation Management Organisation
IRR	_	Internal Rate of Return
K	-	Potassium
K-B Link	_	Ken-Betwa Link
km	-	Kilometre
km/hr.	_	Kilometre per hour
KMPP	_	Ken Multi-purpose Project
KV	_	Kilo Volt
Kwh	-	Kilowatt hour
LBC	_	Left Bank Canal
LS	-	Longitudinal Section
lpm/m	_	Litres per minute per metre
LT	_	Low Tension
m	_	Metre
MoTA	_	Ministry of Tribal Affairs
mbgl	_	metres below ground level
MCE	_	Maximum Considered Earthquake
MCM	_	Million Cubic Metre
MDDL	_	Minimum Draw-down Level
Mg	-	Magnesium
Mg/L	-	Milligram per litre
MIV	-	Main Inlet Valve
Mkh/MU	_	Million Kilowatt hour/Million Units
mm	_	Millimetre
MMI	_	Modified Mercalli Intensity
Mn	-	Magnesium
MoEF	_	Ministry of Environmental & Forests
MoU	_	Memorandum of Understanding
MP	_	Madhya Pradesh
MPEB	_	Madhya Pradesh Electricity Board
MS	_	Mild Steel
MSEB	_	Maharashtra State Electricity Board

MU	-	Million Unit
MWL	_	Maximum Water Level
MW	_	Mega Watt
N	_	North
NA	_	Not Available
Na	-	Sodium
NCEAR	_	National Council of Applied Economic Research
NH	_	National Highway
NIH	_	National Institute of Hydrology
No ₃	-	Nitrate
NOF	_	Non Over-Flow
NPP	_	National Perspective plan.
NRSA	_	National Remote Sensing Agency
NSL	_	Natural Surface Level
NTPC	_	National Thermal Power Corporation
NWDA	_	National Water Development Agency
OAF	-	Other Affected Families
OF	_	Over-flow
OFD	-	On Farm Development
P		Phosphate
PAPERP	-	Project Affected Persons Economic Rehabilitation Plan
PAF	_	Project Affected Families
PAP	-	Project Affected People
Pb	-	Lead
PCC	_	Plain Cement Concrete
PGA	_	Peak Ground Acceleration
PH	_	Power House
PLF	-	Power Load Factor
PMF	_	Probable Maximum Flood
PMP	_	Probable Maximum Precipitation
POL	_	Petrol Oil Lubricants
Ppt	_	Precipitation
PUW	_	Pick Up Weir
R&R	_	Resettlement & Rehabilitation
RBC	_	Right Bank Canal
RCC	_	Reinforced Cement Concrete
RD	_	Reduced Distance

RH	-	Relative Humidity
RL	_	Reduced Level
RMR	-	Rock Mass Rating
RSEB	_	Rajasthan State Electricity Board
S	_	South
SC	_	Scheduled Caste
SE	_	Superintending Engineer
Se	-	Selenium
SES	_	Socio Economic Studies
SFR	_	Sheep Foot Roller
SOR	-	Schedule of Rates
So ₂	-	Sulphur dioxide
So ₄	-	Sulphate
SPS	-	Standard Project Strom
sqkm	_	Square Kilometre
ST	_	Schedule Tribe
t	_	tonnes
T&P	_	Tools & Plants
TAC	_	Technical Advisory Committee
TD	-	Temporal Distribution
TMC	_	Thousand Million Cubic feet
TWL	_	Tail Water Level
UB	-	Upper Betwa
UH	-	Unit Hydrograph
u/s	_	Up-stream
UP	_	Uttar Pradesh
UPSEB	_	Uttar Pradesh State Electricity Board
USAID	_	United States Agency for International Development
USR	_	Unified Schedule of rates
V	_	Vertical
W	_	West
WBM	_	Water Bound Macadam
WR	_	Water Resources
Zn	-	Zinc