

Glossary

Abbreviated Form	Full Form
AMV	Additional Market Value
APGENCO	Andhra Pradesh Power Generation Corporation
APPWD	Andhra Pradesh Public Works Department
APSHCL	Andhra Pradesh State Housing Corporation Limited
APSPCB	Andhra Pradesh State Pollution Control Board
BG	Bank Guarantee
CAG	Comptroller and Auditor General
CCLA	Chief Commissioner of Land Administration
CDO	Central Designs Organisation
CE	Chief Engineer
CEA	Central Electricity Authority
CFMS	Comprehensive Financial Management System
CGST	Central Goods and Services Tax
CM & CD	Cross Masonry & Cross Drainage
CMSNS	Child and Mother Supplemental Nutritional Services
CoT	Commissioner of Tenders
CPCB	Central Pollution Control Board
CPM	Critical Path Method
CSMRS	Central Soil and Material Research Station
CuM	Cubic Meter
Cusec	Cubic Feet per Second
Cumec	Cubic Meter per Second
CWC	Central Water Commission
CWPRS	Central Water and Power Research Station
DD	Draft Declaration
DDRP	Dam Design Review Panel
DoWR, RD & GR	Department of Water Resources, River Development and Ganga Rejuvenation
DPR	Detailed Project Report
D-Wall	Diaphragm Wall
EAC	Expert Appraisal Committee
EBR	Extra Budgetary Resources
ECRF	Earth-Cum-Rock Fill
ECV	Estimated Contract Value
EE	Executive Engineer
EIA	Environmental Impact Assessment
ENC	Engineer-in-Chief
EL	Elevation Level
EPC	Engineering, Procurement and Construction
FPS	Fair Price Shop
FRA	Forest Rights Act
FRL	Full Reservoir Level
GAIL	Gas Authority of India Limited
GoAP	Government of Andhra Pradesh
GoI	Government of India
GoTS	Government of Telangana State
GSI	Geological Survey of India
GWDT	Godavari Water Disputes Tribunal
HPCL	Hindustan Petroleum Corporation Limited
HP	Hydraulic Particulars

I & CAD	Irrigation & Command Area Development
IBM	Internal Bench Mark
ISPHW	Indira Sagar Polavaram Headworks
IWAI	Inland Waterways Authority of India
JV	Joint Venture
LA	Land Acquisition
LAO	Land Acquisition Officer
LIDAR	Light Detection and Ranging
LMC	Left Main Canal
LS	Lumpsum
MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme
MOEF	Ministry of Environment and Forest
MoEF & CC	Ministry of Environment, Forest & Climate Change
MoJS	Ministry of Jal Shakti
MoU	Memorandum of Understanding
MoWR	Ministry of Water Resources
MW	Mega Watt
NABARD	National Bank for Agriculture and Rural Development
NCLT	National Company Law Tribunal
NGT	National Green Tribunal
NHAI	National Highways Authority of India
NHPC	National Hydroelectric Power Corporation
NITI Aayog	National Institution for Transforming India Aayog
OHSR	Over Head Storage Reservoir
PA	Project Administrator
PAC	Public Accounts Committee
PAFs	Project Affected Families
PDFs	Project Displaced Families
PERT	Project Evaluation and Review Technique
PCC	Plain Cement Concrete
PHC	Public Health Centre
PHEP	Polavaram Hydro-Electric Project
PIP	Polavaram Irrigation Project
PIPHW	Polavaram Irrigation Project Headworks
PL	Price Level
PLIS	Pattiseema Lift Irrigation Scheme
PLMC	Project Level Monitoring Committee
PN	Preliminary Notification
PO, ITDA	Project Officer, Integrated Tribal Development Agency
PPA	Polavaram Project Authority
PPB	Pattadar Passbook
PS to APDSS	Preliminary Specification to Andhra Pradesh Detailed Standard Specifications
PuLIS	Purushothapatnam Lift Irrigation Scheme
RA	Running Account
QC	Quality Control
R&R	Rehabilitation & Resettlement
RBI	Reserve Bank of India
RCC	Revised Cost Committee
RCE	Revised Cost Estimate
RDO	Revenue Divisional Officer
RFCTLARR Act	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act
RMC	Right Main Canal

RSR	Revenue Survey Records
SDC (LA)	Special Deputy Collector (Land Acquisition)
SE	Superintending Engineer
SES	Socio Economic Survey
SEIAA	State Environment Impact Assessment Authority
SHC	Sub Health Centre
SoP	Standard Operating Procedure
SoR	Schedule of Rates
SRSWOR	Simple Random Sampling Without Replacement
SSR	Standard Schedule of Rates
TAC	Technical Advisory Committee
TEC	Technical Expert Committee/ Techno-Economic Concurrence
TMC	Thousand Million Cubic feet
WAPCO'S	Water and Power Consultancy Services
WRD	Water Resources Department

Glossary of Technical Terms

Technical Term	Explanation
Approach Channel	Channel upstream of Spillway used for diverting water through the Spillway.
Crest Level	The top of the dam, not designed to flow water; also known as the top of dam. Crest of Spillway – The top of the Spillway where water flows over.
Cofferdam	Temporary barrier in or around a water body.
Connectivities	Structures that connect Dam with Canals.
Diaphragm Wall	A wall constructed in the sub-surface using polymer mud / cement slurry to arrest the seepage of water.
ECRF Dam	An artificial barrier / structure constructed both Earth and Rock used for storage of water (An artificial abutment).
Elevated Level	Height above sea level.
Full Reservoir Level	Maximum level up to which water can be stored.
Gross Storage capacity	Total quantity of water stored up to Full Reservoir Level including dead storage.
Head Regulators	Structure provided at the head of canal to regulate the supply of water and control the silt.
Live Storage capacity	Total quantity of water stored up to Full Reservoir Level excluding dead storage.
Pilot Channel	Channel used to carry water from dam portion to Spillway portion.
Probable Maximum Flood	The largest flood that could potentially occur at a particular location.
Shotcreting	Method of applying concrete with high velocity onto a vertical surface.
Spillway	A structure over or through which flood flows are discharged. If the flow is controlled by gates, it is considered a controlled Spillway; if the elevation of the Spillway crest is the only control, it is considered an uncontrolled Spillway.
Spill Channel	A channel that carries excess water passing from Spillway.
Weir	A low dam or a wall built across a river to raise the level of water upstream.