

Name of the Hydro Generating Station: Umtru Power Station

DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE PARAMETERS CONSIDERED FOR TARIFF CALCULATION

SL NO	DESCRIPTION	UNIT	2015-16 (ACTUAL)	2016-17 (ACTUAL)	2017-18 (ACTUAL)	2018-19 (PROJECTED)	2019-20 (PROJECTED)	2020-21 (PROJECTED)
1	Installed Capacity	MW	11.20	11.20	11.20	11.20	11.20	11.20
2	Free Power to Home State	%	NIL	NIL	NIL	NIL	NIL	NIL
3	Date of Commercial Operation	-	-	-	-	-	-	-
	Unit – I	-	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57
	Unit – II	-	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57
	Unit – III	-	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57	MAY-'57
	Unit - IV	-	JULY-'68	JULY-'68	JULY-'68	JULY-'68	JULY-'68	JULY-'69
4	Type of Station	-	-	-	-	-	-	-
	Surface/Underground	-	SURFACE	SURFACE	SURFACE	SURFACE	SURFACE	SURFACE
	Purely ROR/Pondage/Storage	-	ROR	ROR	ROR with Pondage (from July,2017)	RORwith Pondage	RORwith Pondage	RORwith Pondage
	Peaking/Non Peaking	-	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING
	No. of hours Peaking	-	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
	Overload Capacity (MW) & period	-	NIL	NIL	NIL	NIL	NIL	NIL
5	Type of Excitation	-	-	-	-	-	-	-
	Rotating exciters on Generator	-	ROTATING EXCITERS ON GENERATOR	ROTATING EXCITERS ON GENERATOR	ROTATING EXCITERS ON GENERATOR	ROTATING EXCITERS ON GENERATOR	ROTATING EXCITERS ON GENERATOR	ROTATING EXCITERS ON GENERATOR
	Static excitation	-	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
6	Design Energy (Annual)	Gwh	39.00	39.00	39.00	39.00	39.00	39.00
7	Auxiliary consumption including Transformation losses	%	1.20	1.20	1.20	1.20	1.20	1.20
8	Normative Plant Availability Factor (NAPAF)	%	80.00	80.00	72.65	72.65	72.65	72.65
9.1	Maintenance spares for WC	Rs. Lakh						
9.2	Receivable for WC	Rs. Lakh						
9.3	Base rate on return on equity	%						
9.4	Tax rate +2	%						
9.5	Prime lending rate of SBI as on 01.04.13	%						

Name of the Hydro Generating Station: Umiam Stage-I Power Station

DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE PARAMETERS CONSIDERED FOR TARIFF CALCULATION

SL NO	DESCRIPTION	UNIT	2015-16 (ACTUAL)	2016-17 (ACTUAL)	2017-18 (ACTUAL)	2018-19 (PROJECTED)	2019-20 (PROJECTED)	2020-21 (PROJECTED)
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7	Auxiliary consumption including Transformation losses	%	1.20	1.20	1.20	1.20	1.20	1.20
8	Normative Plant Availability Factor (NAPAF)	%	63.67	63.67	63.67	63.67	63.67	63.67
9.1	Maintenance spares for WC	Rs. Lakh						
9.2	Receivable for WC	Rs. Lakh						
9.3	Base rate on return on equity	%						
9.4	Tax rate+2	%						
9.5	Prime lending rate of SBI as on 01.04.2013	%						

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Name of the Hydro Generating Station: Umiam Stage-IV Power Station

DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE PARAMETERS CONSIDERED FOR TARIFF CALCULATION								
SL NO	DESCRIPTION	UNIT	2015-16 (ACTUAL)	2016-17 (ACTUAL)	2017-18 (ACTUAL)	2018-19 (PROJECTED)	2019-20 (PROJECTED)	2020-21 (PROJECTED)
1	Installed Capacity	MW	60	60	60	60	60	60
2	Free Power to Home State	%	NIL	NIL	NIL	NIL	NIL	NIL
3	Date of Commercial Operation	-	-	-	-	-	-	-
	Unit – I	-	16-Sep-92	16-Sep-92	16-Sep-92	16-Sep-92	16-Sep-92	16-Sep-92
	Unit – II	-	11-Aug-92	11-Aug-92	11-Aug-92	11-Aug-92	11-Aug-92	11-Aug-92
4	Type of Station	-	-	-	-	-	-	-
	Surface/Underground	-	SURFACE	SURFACE	SURFACE	SURFACE	SURFACE	SURFACE
	Purely ROR/Pondage/Storage	-	PONDAGE	PONDAGE	PONDAGE	PONDAGE	PONDAGE	PONDAGE
	Peaking/Non Peaking	-	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING	NON PEAKING
	No. of hours Peaking	-	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
	Overload Capacity (MW) & period	-	NIL	NIL	NIL	NIL	NIL	NIL
5	Type of Excitation	-	-	-	-	-	-	-
	Rotating exciters on Generator	-	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
	Static excitation	-	STATIC EXCITATION	STATIC EXCITATION	STATIC EXCITATION	STATIC EXCITATION	STATIC EXCITATION	STATIC EXCITATION
6	Design Energy (Annual)	Gwh	207.00	207.00	207.00	207.00	207.00	207.00
7	Auxiliary consumption including Transformation losses	%	1.50	1.50	1.50	1.50	1.50	1.50
8	Normative Plant Availability Factor (NAPAF)	%	61.79	61.79	61.79	61.79	61.79	61.79
9.1	Maintenance spares for WC	Rs. Lakh						
9.2	Receivable for WC	Rs. Lakh						
9.3	Base rate on return on equity	%						
9.4	Tax rate+2	%						
9.5	Prime lending rate of SBI as on 01.04.2012	%						

	Unit – II	-	1-Apr-12	1-Apr-12	1-Apr-12	1-Apr-12	1-Apr-12	1-Apr-12
	Unit – III	-	1-Apr-13	1-Apr-13	1-Apr-13	1-Apr-13	1-Apr-13	1-Apr-13
4	Type of Station	-						
	Surface/Underground	-	Surface	Surface	Surface	Surface	Surface	Surface
	Purely ROR/Pondage/Storage	-	ROR	ROR	ROR	ROR	ROR	ROR
	Peaking/Non Peaking	-	Non Peaking	Non Peaking	Non Peaking	Non Peaking	Non Peaking	Non Peaking
	No. of hours Peaking	-	N.A	N.A	N.A	N.A	N.A	N.A
	Overload Capacity (MW) & period	-	-	-	-	-	-	-
5	Type of Excitation	-	-	-	-	-	-	-
	Rotating exciters on Generator	-	-	-	-	-	-	-
	Static excitation	-	Static Excitation	Static Excitation	Static Excitation	Static Excitation	Static Excitation	Static Excitation
6	Design Energy (Annual)	Gwh	486.00	486.00	486.00	486.00	486.00	486.00
7	Auxiliary consumption including Transformation losses	%	1.50	1.50	1.50	1.50	1.50	1.50
8	Normative Plant Availability Factor (NAPAF)	%	39.00	39.00	39.00	39.00	39.00	39.00
9.1	Maintenance spares for WC	Rs. Lakh						
9.2	Receivable for WC	Rs. Lakh						
9.3	Base rate on return on equity	%						
9.4	Tax rate	%						
9.5	Prime lending rate of SBI as on 01.04.2012	%						