

To : MS WRPC, DGM WRLDC, PGCIL Andheri Mumbai, CE(CEA) New Delhi.

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01-Oct-19

Monthly Generation Report for September-2019

Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption	Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption
Koradi				Pench(MS)			
Unit 6	10.19	155	3.02	Koyna			
Unit 7	0.00	0	1.06	Stage 1-2	94.9	585	2.75
Unit 8	0.00	0	1.02	Stage 3	81.41	240	
Unit 9	179.53	480	19.12	Stage 4	190.26	755	
unit 10	154.45	490	18.28	Total	366.57		
Total	344.17		42.490				
Bhusawal				Small Hydro			
Unit 3	2.92	195	2.09	KDPH	24.16	37	0.6412
Unit 4	280.22	505	15.839	VTRNA	0.00	0	
Unit 5	0.00	0	3.983	TILLARI	12.86	62	
Total	283.14		21.908	BHTGR/VEER	0.00	0	
Parali				BHIRA T.R	9.68	40	
Unit 4	0.00	0	0.57	RNGR+BHTSA	0	0	
Unit 5	0.00	0	0.47	BHANDARDRA	10.12	15	
Unit 6	85.81	248	9.84	ELDARY	0.00	0	
Unit 7	144.98	250	13.99	SMLHY PTN	22.62	56	
Unit 8	4.05	205	2.01	GHATGHAR	6.05	250	
Total	234.84		26.875	Total	85.49		
Chandrapur				Wind			
Unit 3	16.36	160	3.252	Total	843.24		
Unit 4	84.94	161	10.489	Total	843.24		
Unit 5	165.01	362	20.342	IPP/CPP			
Unit 6	200.89	370	21.386	APML(All Units)	1420.49		
Unit 7	0.00	0	1.572	JSWEL(All Units)	618.93		
Unit 8	195.46	457	15.977	VIPL(All Units)	0		
Unit 9	213.36	400	17.175	RPL AMT(All Units)	622.07		
Total	876.02		90.193	WPCL(All Units)	0		
Paras				Other	84.83		
Unit 3	83.96	250	10.475	Total	2746.32		
Unit 4	0.00	0	1.223				
Total	83.96		11.698				
Khaperkheda				Solar			
Unit 1	34.17	155.00	5.921	Total	133.86		
Unit 2	8.20	165.00	1.258	Total	133.86		
Unit 3	86.91	180.00	11.402	TATA			
Unit 4	92.11	180.00	8.438	Trombay 5	241.43	477	23.78
Unit 5	166.44	440.00	13.099	Trombay 6	0.00	0	
Total	387.83		40.118	Trombay 8	141.58	218	
Nashik				Trombay 7A	23.40	117	
Unit 3	58.13	173	7.82	Trombay 7B	13.61	67	1.59
Unit 4	72.14	185	9.36	TATA Hydro	123.58	462	2.54
Unit 5	57.36	175	7.61	Total	543.60		27.909
Total	187.63		24.7850	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	263.48	500	25.915
All Uran	112.03	418	4.168	Total	263.48		
Total	112.03		4.168	Central Sector receipt Including Bilateral	4238.48	Total aux.consumption	319.449
PGPL				Total Thermal+Gas (T+G)	5939.44	Excluding Pench	
Unit 1	0.00	0	Mah. Wind injection (W)	843.24			
Unit 2	0.00	0	Mah.Solar injection (S)	133.86			
Total			Hydro (H)	575.64			
Pench(MS)	27.30	57	Total (T+G+H+W+S)	7492.18			
Total	27.30		Restricted Energy Requirement (Gross) Mus	11730.66			

Monthly Report for September-2019

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	5790.395
Total Hydro Generation	575.640
Total Gas Generation	149.040
Total Solar Generation	133.860
Total Wind Generation	843.240
Total State Generation	7492.175
InterState Exchanges	
GEB	411.702
MPEB	136.238
CHATTISGARH	95.920
GOA	-17.710
MAHARASHTRA NET	3612.250
Net InterState Exchanges	4238.400
Restricted Energy Requirement(Gross)	11730.575
Restricted Energy Requirement(Ex-Bus)	11411.126
Bilateral Power Purchases	
IMPORT	143.178
EXPORT	-6.729
PX	120.153
INTRA	259.136
Total Bilateral Purchase by MSEDCL	515.738
IMPORT	116.904
EXPORT	0.281
STANDBY FROM MSEDCL	2.475
PX	357.227
INTRA	278.255
Total Bilateral Purchase by Mumbai	755.142
Total Auxiliary Consumption	319.449
MSPGCL Total	265.63
Thermal	258.067
Hydro	3.390
Gas	4.168
TPCL Total	27.909
Thermal	23.777
Hydro	2.544
Gas	1.587
AEML Dahanu	25.915

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)		Date	Frequency (Hz)
Unrestricted Demand(Gross)	18813	11:00	17-Sep-19	49.97
Unrestricted Demand(Ex-Bus)	18344	11:00	17-Sep-19	49.97
Catered Demand(Gross)	18813	11:00	17-Sep-19	49.97
Catered Demand(Ex-Bus)	18344	11:00	17-Sep-19	49.97

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of 20 MW)	Catered Demand	Load Shedding	Stag. Effect
18813	18793	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			8674
Hydro+Wind+Solar Generation During the Peak			2222

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	18793	11:00	17-Sep-19	49.97
Minimum Demand	13293	3:00	13-Sep-19	50.05
Koyna Lake Level in Ft.				
30-Sep-2019		30-Sep-2018		
2163.4		2157		