

 MAHATransco Maharashtra State Electricity Transmission Co. Ltd.		MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD					
		STATE LOAD DESPATCH CENTRE, KALWA					
		Office of The Chief Engineer State Load Despatch Centre					
		Thane-Belapur Road, P.O. Airoli, Navi Mumbai. PIN-400708					
To : MS WRPC, DGM WRLDC, PGCIL Andheri Mumbai, CE(CEA) New Delhi.					Page 1		
Fax No. : 011-26170385, 011-26107416, 011-26108834, 28370193					02-Jan-20		
Monthly Generation Report for December-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	0.00	0	0.99	Koyna			
Unit 7	0.00	0	0.98	Stage 1-2	120.3	505	2.75
Unit 8	349.73	630	24.24	Stage 3	63.84	320	
Unit 9	304.09	595	23.22	Stage 4	181.94	1004	
Unit 10	207.50	600	16.59	Total	366.08		
Total	861.32		66.022				
Bhusawal				Small Hydro			
Unit 3	0.00	0	1.66	KDPH	5.9	37	0.4180
Unit 4	188.32	500	12.471	VTRNA	0.00	0	
Unit 5	200.48	500	12.376	TILLARI	6.47	62	
Total	388.80		26.503	BHTGR/VEER	0.00	0	
Parali				BHIRA T.R	8.34	80	
Unit 4	0.00	0	0.56	RNGR+BHTSA	11.65	17	
Unit 5	0.00	0	0.59	BHANDARDRA	0.00	0	
Unit 6	166.64	255	17.08	ELDARY	0.00	0	
Unit 7	140.73	249	12.87	SMLHY PTN	10.76	50	
Unit 8	135.45	250	13.36	GHATGHAR	12.61	125	
Total	442.82		44.471	Total	55.73		
Chandrapur				Wind			
Unit 3	130.07	194	11.617	Total	306.17		
Unit 4	102.30	180	10.067	Total	306.17		
Unit 5	270.00	395	23.583	IPP/CPP			
Unit 6	291.57	485	20.631	APML(All Units)	2140.9		
Unit 7	0.00	0	1.723	JSWEL(All Units)	691.76		
Unit 8	322.06	500	17.379	VIPL(All Units)	0		
Unit 9	319.16	486	17.164	RPL AMT(All Units)	0		
Total	1435.16		102.163	WPCL(All Units)	0		
Paras				Other	436.41		
Unit 3	86.66	256	9.423	Total	3269.07		
Unit 4	97.08	255	9.367				
Total	183.74		18.790				
Khaperkheda				Solar			
Unit 1	82.04	190.00	8.851	Total	153.45		
Unit 2	88.58	190.00	8.524	Total	153.45		
Unit 3	89.81	200.00	8.717	TATA			
Unit 4	126.71	200.00	10.329	Trombay 5	296.35	484.00	17.38
Unit 5	304.27	500.00	16.019	Trombay 6	0.00	0.00	
Total	691.41		52.440	Trombay 8	3.74	212.00	
Nashik				Trombay 7A	48.25	117.00	3.36
Unit 3	77.86	210	15.12	Trombay 7B	36.11	67.00	
Unit 4	0	0		TATA Hydro	143.01	459.00	2.199138
Unit 5	46.76	199		Total	527.46		22.941
Total	124.62		15.1221	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	319.15	503	29.914
All Uran	196.95	444	6.108457	Total	319.15		
Total	196.95		6.108	Central Sector receipt Including Bilateral	4330.626	Total aux.consumption	387.637
PGPL				Total Thermal+Gas (T+G)	8297.49	Excluding Pench	
Unit 1	0.00	0		Mah. Wind injection (W)	306.17		
Unit 2	0.00	0		Mah.Solar injection (S)	153.45		
Total				Hydro (H)	564.82		
Pench(MS)	2.56	60		Total (T+G+H+W+S)	9321.93		
Total	2.56			Restricted Energy Requirement (Gross) Mus	13652.56		

Monthly Report for December-2019

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	8016.180
Total Hydro Generation	564.820
Total Gas Generation	281.310
Total Solar Generation	153.450
Total Wind Generation	306.170
Total State Generation	9321.930
InterState Exchanges	
GEB	137.054
MPEB	323.998
CHATTISGARH	209.340
GOA	-21.560
MAHARASHTRA NET	3681.794
Net InterState Exchanges	4330.626
Restricted Energy Requirement(Gross)	13652.556
Restricted Energy Requirement(Ex-Bus)	13264.919
Bilateral Power Purchases	
IMPORT	283.793
EXPORT	-4.993
PX	141.632
INTRA	417.932
Total Bilateral Purchase by MSEDCL	838.364
IMPORT	185.57
EXPORT	0.306
STANDBY FROM MSEDCL	0
PX	328.697
INTRA	299.855
Total Bilateral Purchase by Mumbai	814.428
Total Auxiliary Consumption	387.637
MSPGCL Total	334.78
Thermal	325.511
Hydro	3.164
Gas	6.108
TPCL Total	22.941
Thermal	17.383
Hydro	2.199
Gas	3.359
AEML Dahanu	29.914

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)		Date	Frequency (Hz)
Unrestricted Demand(Gross)	22411	12	24-Dec-19	49.99
Unrestricted Demand(Ex-Bus)	21725	12	24-Dec-19	49.99
Catered Demand(Gross)	22411	12	24-Dec-19	49.99
Catered Demand(Ex-Bus)	21725	12	24-Dec-19	49.99

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of 8 MW)	Catered Demand	Load Shedding	Stag. Effect
22411	22403	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			11459
Hydro+Wind+Solar Generation During the Peak			3047

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	22403	12:00	24-Dec-19	49.99
Minimum Demand	14022	0:00	31-Dec-19	50.01
Koyna Lake Level in Ft.				
31-Dec-2019		31-Dec-2018		
2151.4		2142.9		