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Sub : Monthly Generation Report for JAN 2023

Power Station/Unit	Monthly (Mus)	Max Gen (MW)	Aux.Consumption
Koradi			
Unit 6	135.23	290	12.71
Unit 8	409.14	665	24.66
Unit 9	305.82	660	23.82
Unit 10	400.98	630	28.28
Total	1251.171		89.48
Bhusawal			
Unit 3	75.08	175	10.53
Unit 4	277.57	500	15.73
Unit 5	251.18	495	15.85
Total	603.828		42.12
Parli			
Unit 6	127.71	243	14.07
Unit 7	13.70	248	2.88
Unit 8	93.16	228	12.19
Total	234.578		29.14
Chandrapur			
Unit 3	92.04	170	10.97
Unit 4	82.15	149	8.21
Unit 5	202.89	320	21.62
Unit 6	222.97	435	18.25
Unit 7	0.00	0	2.05
Unit 8	323.38	505	13.44
Unit 9	330.02	500	18.16
Total	1253.456		92.70
Paras			
Unit 3	133.88	248	13.98
Unit 4	144.63	254	13.93
Total	278.508		27.91
Khaparkheda			
Unit 1	86.27	140	10.87
Unit 2	87.08	146	10.09
Unit 3	107.37	185	8.58
Unit 4	99.10	193	10.00
Unit 5	296.54	500	16.87
Total	676.364		56.42
Nasik			
Unit 3	52.03	182	6.52
Unit 4	103.28	171	12.81
Unit 5	47.98	173	6.09
Total	203.291		25.42
Uran			
All Units	142.86	253	3.58
Total	142.864		3.58
PGPL			
Unit 1	0.00	0	
Unit 2	0.00	0	

Power Station/Unit	Monthly (Mus)	Max Gen (MW)	Aux.Consumption
Total	0.000		
PENCH (MS)			
Pench (MS)	8.56	49	
Total	8.555		
Koyna			
Stage 1-2	103.99	580	
Stage 4 *	106.80	755	1.92
Stage 3	45.65	320	
Total	256.441		1.92
Hydro			
KDPH	9.83	36	
VTRNA	6.00	61	
TILLARI	5.80	59	
BHIRA T.R.	6.78	80	
SMLHY_PTN	56.94	116	
GHATGHAR **	18.27	125	0.78
Total	103.621		0.78
Wind			
Total	254.06	0	
Total	254.062		
CPP			
APML(Mus)	1813.70	0	98.41
JSWEL(Mus)	585.58	0	47.39
VIPL(Mus)	0.00	0	
RPLAMT-Mus	812.85	0	55.91
SWPGPL-Mus	267.98	0	
Dhariwal	0.00	270	
IEPL	0.00	0	
Other(Mus)	1424.29	0	
Total	4904.414		201.71
SOLAR			
Total	396.43	0	
Total	396.434		
Tata			
Trombay 5 ***	128.60	479	17.32
Trombay 6	0.00	0	
Trombay 7A ****	39.84	111	3.20
Trombay 7B	30.15	66	
TATA Hydro	118.20	467	1.98
Trombay 8	110.04	241	
Total	426.829		22.50
AEML			
DTPS U-1&2	282.90	503	28.90
Total	282.896		28.90

* indicates auxiliary consumption of all koyna units

** indicates auxiliary consumption of all small hydro units

*** indicates auxiliary consumption of Trombay 5,6,8 units

**** indicates auxiliary consumption of Trombay 7A,7B units

Central Sector Receipt including bilateral	Total Thml+Gas	Wind Injection (W)	Solar Injection (S)	Hydro	Total	Restricted Energy Requirement (Gross) Mus	Total Auxilliary Consumption
5446.16	10140.00	254.06	396.43	486.81	11277.31	16723.47	622.57

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Particulars				Gen/ Req. (Mus)	
Total Thermal Generation				9927.150	
Total Hydro Generation				486.813	
Total Gas Generation				212.853	
Total Solar Generation				396.434	
Total Wind Generation				254.062	
Total State Generation				11277.312	
InterState Exchanges					
GEB				-148.806	
MPEB				106.880	
CHATTISGARH				161.370	
GOA				-46.114	
MAHARASHTRA NET				5372.828	
Net InterState Exchanges				5446.158	
Restricted Energy Requirement(Gross)				16723.468	
Restricted Energy Requirement (Ex-Bus)				16100.898	
Bilateral Power Purchases					
Category	MSEDCL	Mumbai	Other Discoms	Other Interstate	
IMPORT	515.516	652.941	68.554	0.000	
EXPORT	-20.939	-19.197	0.000	0.000	
PX	0.000	0.000	0.000	0.000	
INTRA STOA	100.777	0.000	5.817	0.000	
INTRA MTOA	334.788	63.765	150.057	0.000	
INTRA LTA	155.667	0.000	0.000	0.000	
IEX DAM	283.438	-46.557	41.871	0.000	
IEX GDAM	0.000	0.000	26.022	0.000	
IEX RTM	64.406	5.093	8.515	0.000	
REMC	714.529	77.449	5.550	0.000	
STANDBY	-0.886	0.874	0.000	0.000	
NET	2147.296	734.367	306.384	0.000	
Total Auxiliary Consumption			622.570		
MSPGCL Total			369.459		
Thermal			363.180		
Hydro			2.700		
Gas			3.579		
TPCL Total			22.503		
Thermal			17.325		
Hydro			1.981		
Gas			3.197		
AEML DAHANU			28.899		
MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH					
Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)	
Unrestricted Demand (Gross)	27802	11 Hrs	31/01/2023	50.06	
Unrestricted Demand (Ex-bus)	27035	11 Hrs	31/01/2023	50.06	
Catered Demand (Gross)	27802	11 Hrs	31/01/2023	50.06	
Catered Demand (Ex-bus)	27035	11 Hrs	31/01/2023	50.06	
Breakup of Unrestricted Demand in (MW)					
Unrestricted Demand	Catered Demand	Load Shedding	Frequency Corr.	Stag. Effect	
27802	27860	0	-58.506	0	
Thermal+Gas+IPP Generation During the Peak				15189.1	
Hydro+Wind+Solar Generation During the Peak				2871	
StateWise Demand & Koyna Lake Level During the month					
Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)	
Maximum Demand	27860	11 Hrs	31/01/2023	50.06	
Minimum Demand	17513	24 Hrs	26/01/2023	50.08	
Koyna Lake Level in Ft.					
31/JAN/2023	2140.8	31/JAN/2022	2145.8		