

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jan/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.316	4182.763	1) Gujrat	1.595	72.260
2) Hydro	8.396	208.228	2) Madhya Pradesh	8.296	276.504
3) Gas	7.266	208.577	3) Chattisgarh	3.910	119.260
Total MSPGCL	153.978	4599.568	4) Maharashtra	91.155	2844.696
B) 1) APLM	69.368	1986.010	5) Goa (Amona)	-0.352	-7.106
2) JSWEL	22.229	662.534	Total	104.604	3305.614
3) VIPL	0.000	81.108	a) Mumbai Schedule	20.246	615.906
4) RPL(AMT)	0.000	47.351	b) Mumbai Drawl	21.770	710.637
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	3.952	272.743
6) Other IPP	14.597	415.418	Include PX	-10.787	-165.069
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.246	608.726
C) 1) TPCL Thermal	8.033	242.010	Include PX	7.694	184.782
2) TPCL Hydro	3.768	120.019	Standby	0.000	7.180
3) TPCL Gas	4.384	131.225	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.500	183.969	1) MSEDCL	357.857	10793.284
D) STATE			2) Mumbai Discoms	47.455	1387.855
1) Thermal	262.043	7801.163	TOTAL STATE	405.312	12181.139
(A1+C1+C4+(B1-B6))					
2) Hydro	12.164	328.247			
(A2+C2)					
3) Gas	11.650	339.802			
(A3+B7+C3)					
4) Wind	8.402	234.629			
6) SOLAR	6.449	171.689			
TOTAL STATE	300.708	8875.530			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6315	6230	6001	5157
MSPGCL Hydro	836	498	502	88
MSPGCL Gas	304	277	294	315
MSPGCL Total Generation	7454	7006	6796	5560
Central Sector Receipt	5406	5093	4363	2726
WIND	291	201	98	804
CPP / IPP Thermal	5030	4699	4943	3718
CPP / IPP Gas	0	0	0	0
SOLAR	807	916	0	0
Exchange with Mumbai	-1167	-1249	-1061	-480
MSEDCL DEMAND MET	17822	16666	15140	12328
Load Shedding	0	0	0	0
MSEDCL DEMAND	17822	16666	15140	12328
TPCL GENERATION	824	821	915	384
AEML GENERATION	501	392	373	373
MUMBAI DEMAND	2492	2462	2349	1237
STATE DEMAND MET	20314	19128	17488	13564
STATE DEMAND	20314	19128	17488	13564
Frequency (Hz)	49.93	49.96	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.00 Hrs	49.79 Hz at 10.09 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 30/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.51	86.34	210	125
Unit 7	0.00	63.84	0	0
Unit 8	11.44	233.49	660	232
Unit 9	12.18	294.96	561	460
Unit 10	0.00	149.01	0	0
Total	27.12	827.65		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.71	248.88	500	345
Unit 5	9.64	285.04	485	350
Total	19.36	533.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	56.43	0	0
Total	0.00	56.43		
Chandrapur				
Unit 3	4.30	127.21	193	163
Unit 4	4.14	120.36	183	160
Unit 5	9.11	274.99	400	358
Unit 6	10.09	293.87	460	364
Unit 7	10.02	281.88	450	368
Unit 8	10.68	314.97	490	360
Unit 9	10.63	306.80	490	365
Total	58.95	1720.06		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.14	159.08	228	198
Total	5.14	159.08		
Khaparkheda				
Unit 1	3.52	110.34	165	120
Unit 2	3.68	110.65	165	145
Unit 3	3.68	112.74	167	140
Unit 4	2.84	110.49	150	0
Unit 5	9.89	295.59	450	366
Total	23.61	739.81		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.14	123.70	206	157
Unit 5	0.00	0.00	0	0
Total	4.14	145.81		
Uran				
All Units	7.27	208.58	319	277
Total	7.27	208.58		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	1.02	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.02		
Koyna				
Stage 1-2	2.18	57.70	250	40
Stage 4	0.27	15.63	146	0
Stage 3	0.81	16.65	120	0
Total	3.26	89.97		
Hydro				
KDPH	0.44	11.73	19	18
VTRNA	0.71	15.77	60	0
TILLARI	0.56	13.39	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	6.15	80	0
RNGR+BHTSA	0.31	8.75	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.42	12.19	26	15
GHATGHAR	2.38	47.45	250	0
Total	5.13	118.25		
Wind				
Total	8.40	234.63	0	0
Total	8.40	234.63		
CPP				
APML(Mus)	69.37	1986.01	0	0
JSWEL(Mus)	22.23	662.53	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	0.00	47.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.60	415.42	0	0
Total	106.19	3192.42		
SOLAR				
Total	6.45	171.69	0	0
Total	6.45	171.69		
Tata				
Trombay 5	2.99	86.44	306	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	83.17	117	115
Trombay 7B	1.60	48.06	68	66
Trombay 8	5.05	155.57	232	200
TATA Hydro	3.77	120.02	426	0
Total	16.18	493.25		
AEML				
DTPS U-1&2	9.50	183.97	501	372
Total	9.50	183.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.32	4182.76	MSPGCL Total	153.98	4599.57
			MSPGCL Thml+Gas	145.58	4391.34	Koyna 1,2 & 4 Total	2.45	73.32
			MSPGCL Hydro	8.40	208.23	State Total	300.71	8875.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jan/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4899	142	314	5355	653	3826	0	0	3307	3033	-701	12166	0	12166	1456	13622	49.99
2	4927	88	304	5318	743	3720	0	0	3144	3190	-579	12392	0	12392	1336	13728	49.96
3	5063	92	315	5470	851	3708	0	0	3076	2832	-506	12356	0	12356	1276	13632	50.04
4	5157	88	315	5560	804	3718	0	0	2789	2726	-480	12328	0	12328	1237	13564	49.99
5	5254	92	319	5666	635	3713	0	0	3346	3241	-498	12756	0	12756	1257	14014	50.00
6	5388	148	316	5852	639	3714	0	0	4273	4518	-617	14106	0	14106	1404	15510	49.97
7	6014	108	317	6438	677	4241	0	2	4878	4556	-775	15140	0	15140	1632	16772	49.92
8	6335	350	318	7002	569	4939	0	65	4917	5317	-890	17002	0	17002	1843	18846	50.00
9	6319	626	317	7262	362	5026	0	364	5010	5232	-966	17280	0	17280	2121	19400	50.00
10	6305	794	300	7398	329	5013	0	635	5085	5329	-1065	17640	0	17640	2356	19996	49.96
11	6315	836	304	7454	291	5030	0	807	5189	5406	-1167	17822	0	17822	2492	20314	49.93
12	6316	666	291	7272	226	4830	0	798	5342	5253	-1180	17200	0	17200	2509	19708	49.98
13	6230	498	277	7006	201	4699	0	916	5104	5093	-1249	16666	0	16666	2462	19128	49.96
14	6083	406	284	6774	151	4666	0	894	4732	4656	-1122	16018	0	16018	2329	18348	50.06
15	5995	298	285	6578	127	4607	0	817	4846	4825	-1142	15812	0	15812	2320	18132	50.03
16	5943	430	286	6658	152	4534	0	647	4870	5168	-1105	16054	0	16054	2324	18378	50.02
17	5836	378	286	6500	111	4575	0	398	4753	4937	-1106	15414	0	15414	2318	17732	49.98
18	5793	542	300	6634	64	4344	0	106	4482	4716	-1093	14772	0	14772	2313	17084	49.98
19	5890	504	293	6686	132	4677	0	0	4590	4691	-1143	15044	0	15044	2351	17394	49.96
20	6001	502	294	6796	98	4943	0	0	4445	4363	-1061	15140	0	15140	2349	17488	49.99
21	5987	180	307	6474	90	4892	0	0	4119	4236	-1037	14656	0	14656	2211	16866	50.03
22	5840	146	300	6286	141	4650	0	0	4181	3832	-905	14004	0	14004	2041	16046	50.01
23	5294	310	312	5916	172	4181	0	0	3556	3762	-791	13240	0	13240	1864	15104	49.99
24	5132	176	312	5620	184	3948	0	0	3813	3692	-592	12852	0	12852	1654	14506	50.01
MUs	138.32	8.40	7.27	153.98	8.40	106.19	0.00	6.45	103.85	104.60	-21.77	357.86	0.00	357.86	47.45	405.31	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 30/Jan/2019

Position as on 6.30 Hrs of 31/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (For 40 Days)	
TPC-G	Trombay 5	500	11/01/2019	23.56	30/01/2019	12.32	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Jan/2019

Position as on 6.30 Hrs of 31/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Khaparkheda Unit 4	210	29/01/2019	22.21	30/01/2019	04.02	Furnace Pressure High	
MSPGCL	Bhusawal Unit 5	500	31/01/2019	03.48		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 31/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	29/01/2019	17.15		Continued.	HT	Over Voltage
Akola Wardha li	InterState	30/01/2019	10.27		Continued.	PO	Work on main bay
Padghe - Kalwa-II	IntraState	25/01/2019	09.17		Continued.	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Bhusawal-Aurangabad	IntraState	28/01/2019	16.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2019	23.24	30/01/2019	08.24	HT	Over Voltage
Padghe - Nagothane - II	IntraState	30/01/2019	01.13	30/01/2019	08.29	HT	Over Voltage
Koradi-RattanIndia	IntraState	30/01/2019	02.30	30/01/2019	09.37	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	30/01/2019	08.23	30/01/2019	19.17	PO	High insulation coating to IPS Tube
400/220kv 315MVA ICT-III @ Kharghar	IntraState	30/01/2019	09.12	30/01/2019	19.40	PO	Dignostic Testing work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Kalwa - Siemens	IntraState	30/01/2019	09.09	30/01/2019	11.36	PO	Earth wire removing work between gantry & Tower no 1
Talandge(400)- Mudshingi 2 Line	IntraState	30/01/2019	10.11	30/01/2019	12.54	PO	Quarterly Maintainance Work
Nagothane - Ipcl	IntraState	30/01/2019	10.55	30/01/2019	21.48	PO	Y-ph Replacement work due to high tan delta value
Tembhurni - Jeur	IntraState	30/01/2019	11.15	30/01/2019	14.40	PO	Quarterly Maintainance Work
Jejuri (400 Kv)-Jejuri- I	IntraState	30/01/2019	12.10	30/01/2019	15.15	PO	Dignostic Testing work
Jejuri (400 Kv)-Jejuri- li	IntraState	30/01/2019	16.15	30/01/2019	17.35	PO	Dignostic Testing work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage