

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jan/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.998	4308.761	1) Gujrat	1.999	74.259
2) Hydro	10.079	218.307	2) Madhya Pradesh	10.022	286.526
3) Gas	7.264	215.841	3) Chattisgarh	4.760	124.020
Total MSPGCL	143.341	4742.909	4) Maharashtra	101.275	2945.971
B) 1) APML	69.070	2055.080	5) Goa (Amona)	-0.484	-7.590
2) JSWEL	20.398	682.932	Total	117.572	3423.186
3) VIPL	0.000	81.108	a) Mumbai Schedule	16.660	632.565
4) RPL(AMT)	0.000	47.351	b) Mumbai Drawl	16.910	727.547
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.009	283.752
6) Other IPP	12.423	427.841	Include PX	-4.269	-169.338
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.660	625.385
C) 1) TPCL Thermal	12.914	254.924	Include PX	7.223	192.006
2) TPCL Hydro	4.193	124.212	Standby	0.000	7.180
3) TPCL Gas	4.063	135.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.715	193.684	1) MSEDCL	355.602	11148.886
D) STATE			2) Mumbai Discoms	47.795	1435.650
1) Thermal	250.518	8051.681	TOTAL STATE	403.397	12584.536
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.272	342.519			
3) Gas (A3+B7+C3)	11.327	351.129			
4) Wind	4.062	238.691			
6) SOLAR	5.646	177.335			
TOTAL STATE	285.825	9161.355			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5602	5380	5300	5027
MSPGCL Hydro	1161	456	633	140
MSPGCL Gas	311	277	306	316
MSPGCL Total Generation	7074	6113	6239	5483
Central Sector Receipt	5688	5710	5046	3465
WIND	307	139	83	229
CPP / IPP Thermal	4891	4521	4414	3538
CPP / IPP Gas	0	0	0	0
SOLAR	532	832	0	0
Exchange with Mumbai	-821	-913	-979	-298
MSEDCL DEMAND MET	17671	16402	14803	12417
Load Shedding	0	0	0	0
MSEDCL DEMAND	17671	16402	14803	12417
TPCL GENERATION	1053	1167	989	630
AEML GENERATION	501	393	375	373
MUMBAI DEMAND	2375	2473	2343	1301
STATE DEMAND MET	20046	18875	17146	13718
STATE DEMAND	20046	18875	17146	13718
Frequency (Hz)	50.00	49.97	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 22.00 Hrs	49.79 Hz at 11.36 Hrs	50	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 31/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.60	89.94	200	130
Unit 7	0.00	63.84	0	0
Unit 8	8.92	242.41	484	260
Unit 9	12.26	307.21	570	460
Unit 10	0.00	149.01	0	0
Total	24.77	852.42		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.16	258.04	430	340
Unit 5	1.13	286.17	340	0
Total	10.28	544.21		
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	4.28	131.49	195	163
Unit 4	4.17	124.53	183	160
Unit 5	9.23	284.22	400	365
Unit 6	10.32	304.19	460	371
Unit 7	10.06	291.94	462	358
Unit 8	10.89	325.86	490	370
Unit 9	10.65	317.44	481	365
Total	59.59	1779.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	2.14	161.22	230	0
Total	2.14	161.22		
Khaparkheda				
Unit 1	3.72	114.06	165	145
Unit 2	3.72	114.37	165	145
Unit 3	3.72	116.46	162	147
Unit 4	3.62	114.11	160	140
Unit 5	10.26	305.85	495	363
Total	25.04	764.85		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.18	127.88	208	156
Unit 5	0.00	0.00	0	0
Total	4.18	149.99		
Uran				
All Units	7.26	215.84	320	274
Total	7.26	215.84		
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	2.53	60.22	265	35
Stage 4	2.40	18.02	883	0
Stage 3	1.00	17.65	160	0
Total	5.92	95.90		
Hydro				
KDPH	0.44	12.17	19	18
VTRNA	0.67	16.44	61	0
TILLARI	0.42	13.81	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	6.41	80	0
RNGR+BHTSA	0.31	9.06	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.41	12.60	25	15
GHATGHAR	1.64	49.09	250	0
Total	4.15	122.41		
Wind				
Total	4.06	238.69	0	0
Total	4.06	238.69		
CPP				
APML(Mus)	69.07	2055.08	0	0
JSWEL(Mus)	20.40	682.93	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)	12.42	427.84	0	0
Total	101.89	3294.31		
SOLAR				
Total	5.65	177.34	0	0
Total	5.65	177.34		
Tata				
Trombay 5	7.97	94.41	470	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	85.71	117	64
Trombay 7B	1.52	49.58	68	49
Trombay 8	4.94	160.51	217	201
TATA Hydro	4.19	124.21	343	59
Total	21.17	514.42		
AEML				
DTPS U-1&2	9.72	193.68	502	372
Total	9.72	193.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.00	4308.76	MSPGCL Total	143.34	4742.91
			MSPGCL Thml+Gas	133.26	4524.60	Koyna 1,2 & 4 Total	4.92	78.25
			MSPGCL Hydro	10.08	218.31	State Total	285.82	9161.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5067	150	313	5530	201	3542	0	0	3647	3922	-430	12765	0	12765	1479	14244	49.96
2	4988	85	315	5388	206	3547	0	0	3417	3697	-347	12491	0	12491	1366	13857	50.02
3	5027	140	316	5483	229	3538	0	0	3327	3465	-298	12417	0	12417	1301	13718	50.03
4	4988	96	316	5400	178	3557	0	0	3550	3643	-264	12514	0	12514	1259	13773	49.98
5	4768	86	308	5162	197	3567	0	0	4045	4363	-295	12994	0	12994	1287	14281	49.97
6	5241	203	318	5762	149	3886	0	0	4416	4768	-432	14133	0	14133	1430	15563	50.00
7	5385	533	318	6236	197	4511	0	0	4957	5114	-490	15568	0	15568	1663	17231	50.02
8	5417	1374	320	7111	174	4843	0	59	4953	5380	-540	17027	0	17027	1877	18904	50.03
9	5546	1637	307	7490	247	4861	0	304	5168	5179	-691	17390	0	17390	2150	19540	50.00
10	5602	1161	311	7074	307	4891	0	532	5697	5688	-821	17671	0	17671	2375	20046	50.00
11	5411	682	295	6388	279	4880	0	732	6053	5903	-878	17304	0	17304	2525	19829	49.98
12	5384	614	290	6288	219	4760	0	769	5882	5866	-830	17072	0	17072	2543	19615	49.94
13	5380	456	277	6113	139	4521	0	832	5612	5710	-913	16402	0	16402	2473	18875	49.97
14	5391	345	285	6021	90	4474	0	793	5387	5507	-914	15971	0	15971	2316	18287	50.00
15	5454	162	274	5890	88	4505	0	684	5433	5607	-933	15841	0	15841	2314	18155	49.95
16	5416	102	288	5806	87	4493	0	548	5439	5729	-933	15730	0	15730	2321	18051	50.01
17	5382	87	289	5758	110	4479	0	313	5350	5288	-934	15014	0	15014	2314	17328	50.01
18	5288	168	303	5759	93	4368	0	80	5012	5068	-922	14446	0	14446	2300	16746	50.02
19	5158	338	294	5790	100	4301	0	0	5056	5404	-956	14639	0	14639	2339	16978	50.02
20	5300	633	306	6239	83	4414	0	0	5096	5046	-979	14803	0	14803	2343	17146	50.03
21	5278	314	298	5890	64	4262	0	0	4617	4860	-916	14160	0	14160	2211	16371	50.01
22	5323	407	309	6039	137	3961	0	0	4398	4433	-844	13726	0	13726	2062	15788	50.05
23	5043	160	311	5514	197	3961	0	0	4311	4105	-745	13032	0	13032	1870	14902	50.00
24	4761	146	303	5210	291	3769	0	0	4130	3827	-605	12492	0	12492	1677	14169	50.03
MUs	126.00	10.08	7.26	143.34	4.06	101.89	0.00	5.65	114.95	117.57	-16.91	355.60	0.00	355.60	47.79	403.40	50.00

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 31/Jan/2019

Position as on 6.30 Hrs of 01/Feb/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 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	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	01/02/2019	03.11	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 31/Jan/2019

Position as on 6.30 Hrs of 01/Feb/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	Bhusawal Unit 5	500	31/01/2019	03.48		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	31/01/2019	10.04		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 01/Feb/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	31/01/2019	18.21	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/01/2019	23.50	31/01/2019	07.41	HT	Over Voltage
Koradi-RattanIndia	IntraState	31/01/2019	07.15		Continued.	PO	CVT Replacement
Chandrapur - Khaperkheda	IntraState	31/01/2019	10.57	31/01/2019	16.38	PO	Cleaning Insulator Bird Waist
Lonikand I - Koyna stage-IV	IntraState	01/02/2019	00.55		Continued.	HT	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.
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.
Nagothane - Posco	IntraState	31/01/2019	09.27	31/01/2019	19.13	PO	B ph CT Replacement work
Ekalahara(Ocr)-Navasari li	IntraState	31/01/2019	09.47	31/01/2019	16.34	PO	Dignostic Testing
Nandedcity-Parvati	IntraState	31/01/2019	09.50	31/01/2019	18.31	PO	Annual Maintenance Work
Baramati - Kurkumbh	IntraState	31/01/2019	10.18	31/01/2019	13.18	PO	Replacement of Damage Jumper loc 130
Kalyani - Baramati Agro	IntraState	31/01/2019	10.25	31/01/2019	13.15	PO	Replacement of Damage Jumper loc 130
Uran - Apta II	IntraState	31/01/2019	10.45	31/01/2019	16.22	PO	CT and Tan Delta Measurment
REL Borivali MSETCL Borivali Line-2	IntraState	31/01/2019	12.25	31/01/2019	16.45	PO	Relay Testing Work
Uran - Apta IV	IntraState	31/01/2019	16.29	31/01/2019	19.21	PO	CT and TAN Delta Measurment
WALCHANDNAGAR - PHALTAN MIDC	IntraState	31/01/2019	16.30	31/01/2019	21.30	PO	Y Ph CT Replacement 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