

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jan/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.165	2171.038	1) Gujrat	2.459	30.216
2) Hydro	8.152	98.322	2) Madhya Pradesh	8.763	117.980
3) Gas	7.190	99.390	3) Chattisgarh	3.760	57.510
Total MSPGCL	156.507	2368.750	4) Maharashtra	101.546	1353.758
B) 1) APLM	68.533	1027.854	5) Goa (Amona)	-0.286	-3.366
2) JSWEL	22.733	339.947	Total	116.242	1556.098
3) VIPL	4.280	76.789	a) Mumbai Schedule	23.845	270.783
4) RPL(AMT)	5.222	8.672	b) Mumbai Drawl	27.850	334.659
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	7.928	165.141
6) Other IPP	12.225	224.934	Include PX	-5.342	-74.907
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.695	270.633
C) 1) TPCL Thermal	5.296	161.750	Include PX	9.263	33.211
2) TPCL Hydro	6.091	53.407	Standby	0.150	0.150
3) TPCL Gas	4.398	65.450	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.849	71.439	1) MSEDCL	369.889	5445.677
D) STATE			2) Mumbai Discoms	48.484	686.707
1) Thermal	264.303	4082.423	TOTAL STATE	418.373	6132.384
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.243	151.729			
3) Gas (A3+B7+C3)	11.588	164.840			
4) Wind	6.785	91.650			
6) SOLAR	5.212	85.642			
TOTAL STATE	302.131	4576.284			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6345	6302	5901	5342
MSPGCL Hydro	1262	444	256	152
MSPGCL Gas	293	286	293	311
MSPGCL Total Generation	7900	7032	6450	5806
Central Sector Receipt	5805	5449	4943	3541
WIND	302	248	215	336
CPP / IPP Thermal	5391	5291	4758	3937
CPP / IPP Gas	0	0	0	0
SOLAR	649	797	0	0
Exchange with Mumbai	-1386	-1436	-1356	-750
MSEDCL DEMAND MET	18662	17382	15010	12870
Load Shedding	0	0	0	0
MSEDCL DEMAND	18662	17382	15010	12870
TPCL GENERATION	837	839	867	387
AEML GENERATION	253	252	190	187
MUMBAI DEMAND	2476	2527	2413	1324
STATE DEMAND MET	21138	19908	17423	14194
STATE DEMAND	21138	19908	17423	14194
Frequency (Hz)	50.03	50.01	50.00	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.32 Hrs	49.78 Hz at 16.12 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 15/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	31.27	165	115
Unit 7	3.19	52.20	155	122
Unit 8	7.04	80.55	300	280
Unit 9	7.52	118.15	363	297
Unit 10	6.93	149.01	301	100
Total	28.16	431.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.00	144.98	500	350
Unit 5	9.94	145.04	500	350
Total	19.94	290.02		
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	4.24	63.58	191	160
Unit 4	4.13	58.72	182	160
Unit 5	9.29	138.92	405	364
Unit 6	9.82	145.77	450	370
Unit 7	9.26	141.05	410	360
Unit 8	10.71	156.53	490	360
Unit 9	10.68	156.86	490	360
Total	58.12	861.42		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.66	80.05	258	193
Total	5.66	80.05		
Khaparkheda				
Unit 1	3.76	54.98	165	135
Unit 2	3.76	53.80	160	140
Unit 3	3.78	55.94	170	148
Unit 4	3.79	54.97	165	150
Unit 5	9.96	147.94	500	375
Total	25.05	367.64		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	4.23	62.19	205	163
Unit 5	0.00	0.00	0	0
Total	4.23	84.30		
Uran				
All Units	7.19	99.39	316	274
Total	7.19	99.39		
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	0.78	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.78		
Koyna				
Stage 1-2	1.92	27.72	230	40
Stage 4	0.90	6.26	430	0
Stage 3	0.81	7.83	160	0
Total	3.63	41.81		
Hydro				
KDPH	0.44	5.08	19	19
VTRNA	0.52	7.44	60	0
TILLARI	0.73	6.74	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	2.52	80	0
RNGR+BHTSA	0.30	4.41	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.46	5.47	27	17
GHATGHAR	1.79	22.02	250	0
Total	4.52	56.52		
Wind				
Total	6.78	91.65	0	0
Total	6.78	91.65		
CPP				
APML(Mus)	68.53	1027.85	0	0
JSWEL(Mus)	22.73	339.95	0	0
VIPL(Mus)	4.28	76.79	0	0
RPLAMT(Mus)	5.22	8.67	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.22	224.93	0	0
Total	112.99	1678.20		
SOLAR				
Total	5.21	85.64	0	0
Total	5.21	85.64		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	41.43	117	115
Trombay 7B	1.61	24.02	68	66
Trombay 8	5.30	78.29	239	203
TATA Hydro	6.09	53.41	459	0
Total	15.78	280.61		
AEML				
DTPS U-1&2	4.85	71.44	253	186
Total	4.85	71.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.16	2171.04	MSPGCL Total	156.51	2368.75
			MSPGCL Thml+Gas	148.36	2270.43	Koyna 1,2 & 4 Total	2.82	33.98
			MSPGCL Hydro	8.15	98.32	State Total	302.13	4576.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5357	94	314	5764	358	4074	0	0	3864	3814	-942	13068	0	13068	1515	14584	49.98
2	5331	88	302	5722	375	3964	0	0	3815	3604	-822	12842	0	12842	1397	14240	50.02
3	5342	152	311	5806	336	3937	0	0	3426	3541	-750	12870	0	12870	1324	14194	49.91
4	5352	88	315	5754	306	3993	0	0	3706	3628	-731	12950	0	12950	1305	14256	49.98
5	5343	88	316	5746	384	3996	0	0	3939	4201	-744	13584	0	13584	1319	14902	49.97
6	5573	88	303	5964	368	4124	0	0	4600	4911	-884	14482	0	14482	1456	15938	50.00
7	6033	220	316	6570	423	4658	0	5	5096	5348	-990	16014	0	16014	1630	17644	50.03
8	6203	482	315	7000	430	5255	0	54	5443	5683	-1097	17324	0	17324	1843	19168	50.03
9	6318	544	304	7166	349	5363	0	248	5643	5764	-1236	17654	0	17654	2133	19788	50.00
10	6255	948	299	7502	302	5390	0	476	5759	6089	-1360	18398	0	18398	2414	20812	50.03
11	6345	1262	293	7900	302	5391	0	649	5673	5805	-1386	18662	0	18662	2476	21138	50.03
12	6395	940	289	7624	242	5335	0	780	5717	5765	-1466	18280	0	18280	2558	20838	50.04
13	6302	444	286	7032	248	5291	0	797	5715	5449	-1436	17382	0	17382	2527	19908	50.01
14	6215	374	274	6862	189	4947	0	746	5354	5566	-1390	16920	0	16920	2394	19314	50.03
15	6206	384	283	6872	160	4931	0	660	5348	5376	-1388	16612	0	16612	2408	19020	49.99
16	6242	304	283	6828	159	5115	0	503	5364	5325	-1351	16580	0	16580	2407	18986	49.92
17	6163	184	287	6634	129	5106	0	237	5342	5171	-1350	15926	0	15926	2387	18314	49.94
18	5967	148	292	6408	138	5111	0	57	4814	4879	-1349	15244	0	15244	2373	17616	50.04
19	5901	256	293	6450	215	4758	0	0	4786	4943	-1356	15010	0	15010	2413	17423	50.00
20	5937	288	296	6522	341	4637	0	0	4683	4285	-1327	14458	0	14458	2370	16828	50.03
21	5798	210	306	6314	278	4559	0	0	4404	4668	-1243	14576	0	14576	2221	16798	50.01
22	5789	228	301	6318	243	4433	0	0	4384	4219	-1158	14056	0	14056	2057	16112	50.05
23	5520	214	310	6044	247	4352	0	0	3975	4080	-1103	13620	0	13620	1874	15494	49.98
24	5278	124	302	5704	263	4273	0	0	4134	4128	-991	13376	0	13376	1683	15060	50.00
MUs	141.16	8.15	7.19	156.51	6.79	112.99	0.00	5.21	114.98	116.24	-27.85	369.89	0.00	369.89	48.48	418.37	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 15/Jan/2019

Position as on 6.30 Hrs of 16/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 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
AEML	AEML Unit 1	250	23/12/2018	06.06		Continued.	For COH.	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
MSPGCL	Koyana STG-IV Unit-2	250	14/01/2019	09:40		Continued.	Routine Maintenance work.	
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 B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jan/2019

Position as on 6.30 Hrs of 16/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	
MSPGCL	Koradi Unit 6	210	16/01/2019	11.34	16/01/2019	19.36	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/01/2019	19.17	16/01/2019	01.35	EO	For Attending Water Leakage In Pole 2 R-PH Quadruple Valve.
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 I	InterState	10/01/2019	16.32		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/01/2019	17.27	15/01/2019	10.49	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/01/2019	22.06	15/01/2019	07.34	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/01/2019	22.18	16/01/2019	09.44	HT	Over Voltage RFC .17.40 15/01/2019.
Khadka-Aurangabad (Waluj)	IntraState	15/01/2019	18.12	16/01/2019	08.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/01/2019	00.49	16/01/2019	07.31	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	16/01/2019	08.20	16/01/2019	18.07	PO	Replacement of MID Span
Karad - Lonikand 1	IntraState	16/01/2019	09.42	16/01/2019	18.40	PO	Line Maintenance work
Jaigad-Karad Ckt-I	IntraState	16/01/2019	12.50		Continued.	EO	Emergency HT sparking observed at karad end(RFC 13.32 16.01.2019)
Khadka-Aurangabad (Waluj)	IntraState	16/01/2019	18.20		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.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	16/01/2019	11.45	16/01/2019	19.31	PO	Commisioning of CSD Relay
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.
Solapur(PG)- Jeur	InterState	16/01/2019	16.05	16/01/2019	18.53	PO	Commisioning work by testing DN solapur
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.
Nanded - Parli Ext. Ckt I	IntraState	06/12/2018	07.02		Continued.	HT	Waghala-Kumbhargaoon CKT O/L.
Pedambe-Pophali	IntraState	14/01/2019	17.41	15/01/2019	15.30	T	R PH E/F 6.25 KA.
Pusad - Hingoli	IntraState	15/01/2019	09.37	15/01/2019	20.28	PO	Work of Replacement of 220KV Auxiliary And Line Isolator Under Les Scheme By Agency.
Kharepatan -Pawas Line	IntraState	15/01/2019	09.50	15/01/2019	14.03	PO	Routine Maintenance Work
Wadkhal-ARCL-2	IntraState	15/01/2019	11.25		Continued.	PO	Replacement of PT.
BHUGAON WARORA CKT-I	IntraState	15/01/2019	11.45	15/01/2019	15.21	PO	Line Maintenance work
Nagothane - Ipcl	IntraState	15/01/2019	12.54	15/01/2019	16.04	PO	Testing of Secondary Ckt.
Osmanabad - Solapur (Bale)	IntraState	15/01/2019	13.31	15/01/2019	15.32	PO	Line Maintenance work
Kalwa - Colourchem	IntraState	15/01/2019	16.15	15/01/2019	18.20	T	Distance Protection,Y,B-PH,AR LC, 9.15KA, IB=5.969KA,IC-6.02KA, Charged Through TBc Due To Own CB Problem.Taken On Own CB AT 20.00HRS.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/01/2019	17.16	15/01/2019	17.34	T	B-Phase LA of TF HV Side Burst at Tembhu LIS.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 16/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sonkhar - Trombay	IntraState	16/01/2019	05.56	16/01/2019	08.11	PO	Diagnostic Testing of Bay Equipment
Mahad - Pedambe	IntraState	16/01/2019	08.30	16/01/2019	16.30	PO	Washing insulator strings
Tembhurni - Jeur	IntraState	16/01/2019	10.04	16/01/2019	14.05	PO	Bus Bar Commisioning work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	16/01/2019	16.15	16/01/2019	16.41	T	Tripped at Karad end only
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Kanohar lct 3 @Bale (Solapur 2)	IntraState	15/01/2019	11.08	15/01/2019	16.52	PO	CB Compressor Work.
220/132kv 100MVA ICT-2@Jeur	IntraState	16/01/2019	12.15	16/01/2019	15.30	PO	Bus Bar Commisioning work
220/132 Kv 100mva lct 2 @South Solapur (Kumbhari)	IntraState	16/01/2019	12.45	16/01/2019	14.20	PO	Quarterly Maintenance Work
220/100 Kv 200 Mva Vijai lct 3 @Trombay	IntraState	16/01/2019	15.09	16/01/2019	17.35	PO	Oil Top up work
220/132kv 100MVA ICT-1@Jeur	IntraState	16/01/2019	15.35	16/01/2019	19.55	PO	Bus Bar Commisioning work

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