

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jan/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.463	1945.266	1) Gujrat	-0.219	15.912
2) Hydro	14.993	170.741	2) Madhya Pradesh	15.080	223.796
3) Gas	10.371	152.808	3) Chattisgarh	7.090	100.470
Total MSPGCL	147.827	2268.815	4) Maharashtra Net	132.001	1728.529
B) 1) APML	40.090	811.686	5) Goa (Amona)	-0.836	-12.210
2) JSWEL	20.036	295.596	Total	153.116	2056.497
3) VIPL	10.011	186.540	a) Mumbai Schedule	30.394	397.873
4) RPL(AMT)	23.497	224.327	b) Mumbai Drawl	33.928	450.578
5) WPCL	4.405	65.733	c) MSEDCL Bilateral *	28.462	276.798
6) PGPL	0.000	0.000	Include PX	9.628	-11.634
7) Other IPP	10.308	193.015	d) Mumbai Bilateral *	30.394	395.148
C) 1) TPCL Thermal	5.207	50.349	Include PX	12.315	88.502
2) TPCL Hydro	6.136	92.184	Include Standby	0.000	2.726
3) TPCL Gas	4.323	62.584	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.687	117.035	1) MSEDCL	383.089	5786.879
D) STATE			2) Mumbai Discoms	55.281	772.732
1) Thermal	241.704	3889.547	TOTAL STATE	438.370	6559.611
(A1+C1+C4+(B1-B6))					
2) Hydro	21.129	262.925			
(A2+C2)					
3) Gas	14.694	215.392			
(A3+B6+C3)					
4) Wind	4.491	87.750			
6) SOLAR	3.236	47.498			
TOTAL STATE	285.254	4503.112			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5451	5473	5265	4438
MSPGCL Hydro	1713	1399	358	86
MSPGCL Gas	419	407	421	460
MSPGCL Total Generation	7583	7279	6044	4984
Central Sector Receipt	7543	7635	6303	5143
WIND	103	81	226	190
CPP / IPP Thermal	4718	4726	4626	4179
CPP / IPP Gas	0	0	0	0
SOLAR	452	475	0	0
Exchange with Mumbai	-1748	-1690	-1619	-968
MSEDCL DEMAND MET	18651	18506	15580	13528
Load Shedding	0	0	0	0
MSEDCL DEMAND	18651	18506	15580	13528
TPCL GENERATION	867	870	840	387
R-INFRA GENERATION	248	252	252	190
MUMBAI DEMAND	2863	2812	2711	1545
STATE DEMAND MET	21514	21318	18291	15073
STATE DEMAND	21514	21318	18291	15073
Frequency (Hz)	49.99	50.00	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.02 Hrs	49.81 Hz at 05.40 Hrs	49.97	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 16/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	8.18	169.51	352	325
Unit 9	8.24	123.62	358	330
Unit 10	8.17	163.92	355	297
Total	24.59	480.45		
Bhusawal				
Unit 3	0.00	32.76	0	0
Unit 4	10.62	130.06	495	355
Unit 5	10.66	159.65	500	350
Total	21.28	322.47		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.39	74.43	250	187
Unit 7	0.00	0.00	0	0
Unit 8	4.32	39.54	186	176
Total	9.71	113.97		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.43	161.49	475	240
Unit 6	0.00	22.82	0	0
Unit 7	10.18	159.48	460	351
Unit 8	0.00	0.00	0	0
Unit 9	10.88	159.24	470	336
Total	30.50	503.02		
Paras				
Unit 3	5.56	41.74	252	190
Unit 4	0.00	58.72	0	0
Total	5.56	100.46		
Khaparkheda				
Unit 1	3.37	9.40	155	100
Unit 2	4.30	63.76	190	160
Unit 3	0.00	0.00	0	0
Unit 4	4.10	62.96	182	160
Unit 5	10.53	161.44	490	357
Total	22.30	297.56		
Nasik				
Unit 3	4.28	39.10	195	159
Unit 4	4.25	66.16	192	150
Unit 5	0.00	22.07	0	0
Total	8.52	127.34		
Uran				
All Units	10.37	152.81	460	402
Total	10.37	152.81		
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)	0.07	2.77	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	2.77		
Koyna				
Stage 1-2	4.16	48.66	495	40
Stage 4	5.16	35.91	741	0
Stage 3	2.10	19.01	240	0
Total	11.42	103.59		
Hydro				
KDPH	0.00	9.71	0	0
VTRNA	0.90	14.14	60	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	5.24	80	0
RNGR+BHTSA	0.35	5.74	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.80	11.50	44	30
GHATGHAR	1.12	16.54	125	0
Total	3.57	67.15		
Wind				
Total	4.49	87.75	0	0
Total	4.49	87.75		
CPP				
APML(Mus)	40.09	811.69	0	0
JSWEL(Mus)	20.04	295.60	0	0
VIPL(Mus)	10.01	186.54	0	0
RPLAMT(Mus)	23.50	224.33	0	0
WPCL(Mus)	4.40	65.73	0	0
Other(Mus)	10.31	193.02	0	0
Total	108.35	1776.90		
SOLAR				
Total	3.24	47.50	0	0
Total	3.24	47.50		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	39.29	120	85
Trombay 7B	1.59	23.30	68	57
Trombay 8	5.21	33.66	235	198
TATA Hydro	6.14	92.18	459	0
Total	15.67	205.12		
R-INFRA				
DTPS U-1&2	5.69	117.04	252	189
Total	5.69	117.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.46	1945.27	MSPGCL Total	147.83	2268.82
			MSPGCL Thml+Gas	132.83	2098.07	Koyna 1,2 & 4 Total	9.33	84.58
			MSPGCL Hydro	14.99	170.74	State Total	285.25	4503.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jan/2018

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	4546	86	437	5069	246	4293	0	0	5578	5404	-1248	13764	0	13764	1821	15585	49.98
2	4531	86	459	5076	257	4230	0	0	5452	5196	-1128	13631	0	13631	1687	15318	49.98
3	4460	96	440	4996	197	4176	0	0	5251	5263	-1020	13612	0	13612	1596	15208	49.96
4	4438	86	460	4984	190	4179	0	0	5145	5143	-968	13528	0	13528	1545	15073	49.98
5	4763	91	442	5296	217	4252	0	0	5269	5423	-983	14205	0	14205	1559	15764	49.99
6	5202	226	452	5880	225	4402	0	0	5494	5773	-1009	15271	0	15271	1691	16962	49.96
7	5369	1009	452	6830	230	4603	0	2	5955	6118	-1123	16660	0	16660	1891	18551	49.95
8	5373	1341	448	7162	214	4650	0	31	6741	6717	-1196	17578	0	17578	2075	19653	49.92
9	5399	1276	438	7113	154	4712	0	149	6877	7019	-1322	17825	0	17825	2348	20173	49.94
10	5503	1152	443	7098	155	4715	0	302	7061	7041	-1512	17799	0	17799	2616	20415	49.96
11	5467	1182	428	7077	111	4736	0	441	7244	7342	-1696	18011	0	18011	2800	20811	49.97
12	5451	1713	419	7583	103	4718	0	452	7440	7543	-1748	18651	0	18651	2863	21514	49.99
13	5473	1399	407	7279	81	4726	0	475	7477	7635	-1690	18506	0	18506	2812	21318	50.00
14	5438	761	414	6613	155	4741	0	478	7407	7681	-1587	18081	0	18081	2693	20774	50.04
15	5446	755	402	6603	219	4747	0	395	7435	7582	-1615	17931	0	17931	2728	20659	49.99
16	5315	739	411	6465	226	4672	0	299	7318	7403	-1616	17449	0	17449	2741	20190	49.98
17	5205	980	412	6597	200	4713	0	181	6826	7182	-1629	17244	0	17244	2751	19995	49.99
18	5221	719	405	6345	139	4704	0	31	6168	6663	-1581	16301	0	16301	2703	19004	50.00
19	5265	358	421	6044	226	4626	0	0	6235	6303	-1619	15580	0	15580	2711	18291	49.96
20	5312	327	428	6067	256	4666	0	0	6188	6065	-1649	15405	0	15405	2661	18066	50.00
21	5246	172	440	5858	200	4341	0	0	5939	5647	-1639	14407	0	14407	2480	16887	49.95
22	4733	153	434	5320	247	4253	0	0	5731	5849	-1526	14143	0	14143	2313	16456	49.97
23	4647	143	434	5224	121	4251	0	0	5615	5736	-1491	13841	0	13841	2196	16037	49.94
24	4660	143	445	5248	122	4241	0	0	5353	5388	-1333	13666	0	13666	2000	15666	49.98
MUs	122.46	14.99	10.37	147.83	4.49	108.35	0.00	3.24	151.20	153.12	-33.93	383.09	0.00	383.09	55.28	438.37	49.97

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 16/Jan/2018

Position as on 6.30 Hrs of 17/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Jan/2018

Position as on 6.30 Hrs of 17/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	11/01/2018	15.43		Continued.	thrust bearing trip.	
MSPGCL	Bhusawal Unit 3	210	11/01/2018	23.33		Continued.	poor coal receipt.	
MSPGCL	Paras Unit 4	250	12/01/2018	00.01		Continued.	Water Shortage	
MSPGCL	Koyna STG-IV Unit-3	250	15/01/2018	11.15		Continued.	GTA/GEV Emergency stop relay operated.	
MSPGCL	Paras Unit 3	250	17/01/2018	02.52		Continued.	Bering temperature high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2018

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	16/01/2018	00.19	16/01/2018	06.29	T	Over Voltage
Chandrapur - Padghe Hvdc Pole 1	IntraState	16/01/2018	00.21	16/01/2018	06.28	T	Over Voltage
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
Chandrapur Bhadravati II	InterState	15/01/2018	09.35	16/01/2018	13.11	PO	Work By WRTS 1.(RFC 01.13)
Parli(MS)-Parli (PG) II	InterState	16/01/2018	16.56	16/01/2018	17.52	T	Taken on TBC For Hot Spot Attending Work.
Dhule Sar'Sarovar I	InterState	16/01/2018	17.02		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	15/01/2018	17.14	16/01/2018	09.17	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/01/2018	17.17	16/01/2018	09.14	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/01/2018	18.16	16/01/2018	06.45	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/01/2018	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/01/2018	17.28		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	16/01/2018	18.42		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	15/01/2018	09.22	16/01/2018	02.17	PO	Overhauling Of OLTC.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Kalwa - Borivali	IntraState	16/01/2018	00.33	16/01/2018	08.00	T	Conductor Snapped At LOC. NO.2 Near Kalwa S/STN.
Kalwa - Borivali	IntraState	16/01/2018	00.35		Continued.	T	Distance Protection
Mahad-Kandalgaon	IntraState	16/01/2018	09.05	16/01/2018	14.54	PO	C B Maintenance Work.
Dhule-Amalner(220kv)	IntraState	16/01/2018	11.00	16/01/2018	18.28	PO	C.T. Replacement work due to high tan delta.
Paranda Tap Osmanabad - Barshi	IntraState	16/01/2018	11.04	16/01/2018	14.55	PO	Quarterly Maintainance Work
Vita - Miraj	IntraState	16/01/2018	11.25	16/01/2018	15.56	PO	Diagnostic Testing Work.
Nagothane - Ipcl	IntraState	16/01/2018	11.42		Continued.	PO	Line Bunching Work For Height Rising For Railway Line.
IPCL - SPCL	IntraState	16/01/2018	12.07		Continued.	PO	Line Bunching Work Height Rising For Railway Line.
Versova Aarey Line 1	IntraState	16/01/2018	12.18	16/01/2018	18.55	PO	Cable Termination Work.
Kandalgaon - ONGC Panvel	IntraState	16/01/2018	12.35	16/01/2018	17.15	PO	Tree Cutting Work.
Infosys - Hinjawadi 1	IntraState	16/01/2018	13.37	16/01/2018	17.52	PO	CC Oil Leakage Attend Work.
Shivajinagar - Malegaon	IntraState	16/01/2018	15.43	16/01/2018	18.10	PO	Attending Hot Spot
Bus section @ Kalwa	IntraState	16/01/2018	18.25		Continued.	EO	Due Abnormal Sound In Y PH CT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now

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 16/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 125 MVA Transformer 2 @Aarey R/S	IntraState	16/01/2018	09.00	16/01/2018	17.08	PO	Wall Painting Work.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	16/01/2018	09.05		Continued.	PO	Overhauling Of C B.
220/132kv 100MVA ICT-2 @ Baramati	IntraState	16/01/2018	10.45	16/01/2018	14.55	PO	Routine Maintenance Work