

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jan/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.834	881.441	1) Gujrat	1.695	4.714
2) Hydro	6.396	64.912	2) Madhya Pradesh	15.525	94.173
3) Gas	9.297	68.826	3) Chattisgarh	5.960	40.460
Total MSPGCL	134.527	1015.179	4) Maharashtra Net	101.341	699.959
B) 1) APML	51.522	362.983	5) Goa (Amona)	-0.660	-5.984
2) JSWEL	19.050	124.516	Total	123.861	833.322
3) VIPL	11.686	84.784	a) Mumbai Schedule	19.005	140.640
4) RPL(AMT)	15.518	55.007	b) Mumbai Drawl	24.243	159.337
5) WPCL	4.126	27.448	c) MSEDCL Bilateral *	18.145	109.212
6) PGPL	0.000	0.000	Include PX	2.797	-10.402
7) Other IPP	12.830	87.851	d) Mumbai Bilateral *	19.005	139.335
C) 1) TPCL Thermal	0.000	38.638	Include PX	1.296	16.933
2) TPCL Hydro	5.194	35.060	Include Standby	0.000	1.305
3) TPCL Gas	3.740	27.460	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.072	63.413	1) MSEDCL	355.224	2477.820
D) STATE			2) Mumbai Discoms	39.249	323.912
1) Thermal	239.638	1726.081	TOTAL STATE	394.473	2801.732
(A1+C1+C4+(B1-B6))					
2) Hydro	11.590	99.972			
(A2+C2)					
3) Gas	13.037	96.286			
(A3+B6+C3)					
4) Wind	3.533	24.966			
6) SOLAR	2.814	21.101			
TOTAL STATE	270.612	1968.406			

* 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 24 Hrs
MSPGCL Thermal	5584	5565	4411	4383
MSPGCL Hydro	559	415	574	145
MSPGCL Gas	398	376	391	402
MSPGCL Total Generation	6541	6356	5376	4930
Central Sector Receipt	6232	5912	5554	4005
WIND	101	77	187	97
CPP / IPP Thermal	5572	5562	4358	4215
CPP / IPP Gas	0	0	0	0
SOLAR	414	431	0	0
Exchange with Mumbai	-1108	-1032	-1006	-1134
MSEDCL DEMAND MET	17752	17306	14469	12113
Load Shedding	0	0	0	0
MSEDCL DEMAND	17752	17306	14469	12113
TPCL GENERATION	542	584	572	170
R-INFRA GENERATION	254	254	254	254
MUMBAI DEMAND	1904	1870	1832	1558
STATE DEMAND MET	19656	19176	16301	13671
STATE DEMAND	19656	19176	16301	13671
Frequency (Hz)	49.99	49.98	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 12:00 Hrs	49.79 Hz at 16:24 Hrs	49.98	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 07/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	2.51	23.40	160	0
Unit 8	11.61	83.75	590	325
Unit 9	11.52	39.25	528	438
Unit 10	11.88	76.41	585	377
Total	37.52	222.81		
Bhusawal				
Unit 3	0.00	20.75	0	0
Unit 4	9.60	68.39	485	350
Unit 5	9.64	68.62	490	350
Total	19.24	157.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.42	28.45	188	177
Unit 7	0.00	0.00	0	0
Unit 8	0.00	20.17	0	0
Total	4.42	48.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.86	70.16	470	352
Unit 6	0.00	22.82	0	0
Unit 7	9.73	68.91	456	349
Unit 8	0.00	0.00	0	0
Unit 9	9.43	68.11	456	353
Total	29.02	229.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.26	37.51	259	188
Total	5.26	37.51		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	3.94	27.82	175	155
Unit 3	0.00	0.00	0	0
Unit 4	3.78	27.65	162	144
Unit 5	10.16	70.54	500	349
Total	17.88	131.84		
Nasik				
Unit 3	1.38	1.38	162	0
Unit 4	4.11	29.46	193	161
Unit 5	0.00	22.07	0	0
Total	5.49	52.91		
Uran				
All Units	9.30	68.83	402	371
Total	9.30	68.83		
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)	0.05	2.03	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.03		
Koyna				
Stage 1-2	1.89	18.12	490	40
Stage 4	0.00	10.52	0	0
Stage 3	0.34	6.18	134	0
Total	2.23	34.82		
Hydro				
KDPH	0.88	4.45	37	36
VTRNA	0.97	5.96	61	0
TILLARI	0.44	2.86	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	1.79	80	0
RNGR+BHTSA	0.37	2.58	16	15
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.65	5.29	37	24
GHATGHAR	0.49	6.82	125	0
Total	4.16	30.09		
Wind				
Total	3.53	24.97	0	0
Total	3.53	24.97		
CPP				
APML(Mus)	51.52	362.98	0	0
JSWEL(Mus)	19.05	124.52	0	0
VIPL(Mus)	11.69	84.78	0	0
RPLAMT(Mus)	15.52	55.01	0	0
WPCL(Mus)	4.13	27.45	0	0
Other(Mus)	12.83	87.85	0	0
Total	114.73	742.59		
SOLAR				
Total	2.81	21.10	0	0
Total	2.81	21.10		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	17.02	103	81
Trombay 7B	1.44	10.44	63	55
Trombay 8	0.00	21.95	0	0
TATA Hydro	5.19	35.06	423	0
Total	8.93	101.16		
R-INFRA				
DTPS U-1&2	6.07	63.41	254	251
Total	6.07	63.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.83	881.44	MSPGCL Total	134.53	1015.18
			MSPGCL Thml+Gas	128.13	950.27	Koyna 1,2 & 4 Total	1.89	28.65
			MSPGCL Hydro	6.40	64.91	State Total	270.61	1968.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4524	117	389	5030	163	4255	0	0	4372	4378	-1103	12723	0	12723	1496	14219	49.98
2	4512	122	372	5006	206	4216	0	0	4268	4109	-989	12548	0	12548	1382	13930	49.96
3	4528	117	380	5025	230	4222	0	0	4219	4220	-922	12775	0	12775	1314	14089	50.01
4	4526	117	371	5014	259	4227	0	0	4234	4154	-884	12770	0	12770	1273	14043	49.97
5	4535	127	380	5042	280	4212	0	0	4717	4415	-897	13052	0	13052	1288	14340	50.00
6	4676	118	380	5174	268	4277	0	0	5512	5335	-953	14101	0	14101	1362	15463	50.01
7	5322	123	388	5833	255	4846	0	0	5812	5700	-984	15650	0	15650	1444	17094	50.00
8	5522	145	389	6056	231	5252	0	29	6013	5896	-972	16492	0	16492	1503	17995	49.92
9	5479	345	389	6213	170	5203	0	140	5910	5757	-967	16516	0	16516	1685	18201	49.90
10	5608	788	385	6781	95	5379	0	278	5519	5638	-999	17172	0	17172	1790	18962	49.93
11	5585	470	387	6442	99	5580	0	361	5841	5997	-1093	17386	0	17386	1894	19280	49.94
12	5584	559	398	6541	101	5572	0	414	6352	6232	-1108	17752	0	17752	1904	19656	49.99
13	5565	415	376	6356	77	5562	0	431	6187	5912	-1032	17306	0	17306	1870	19176	49.98
14	5565	295	396	6256	63	5561	0	406	5635	5736	-970	17052	0	17052	1771	18823	50.03
15	5595	237	385	6217	93	5564	0	346	5534	5511	-958	16773	0	16773	1691	18464	50.03
16	5441	242	388	6071	114	5385	0	257	5533	5330	-895	16262	0	16262	1624	17886	50.00
17	5091	242	390	5723	121	5089	0	130	5357	5596	-878	15781	0	15781	1613	17394	49.99
18	4719	240	400	5359	116	4598	0	22	5289	5261	-920	14436	0	14436	1662	16098	49.99
19	4411	574	391	5376	187	4358	0	0	5192	5554	-1006	14469	0	14469	1832	16301	49.97
20	4401	300	391	5092	71	4270	0	0	5328	5450	-1057	13826	0	13826	1897	15723	49.98
21	4395	196	389	4980	74	4342	0	0	5001	4825	-1093	13128	0	13128	1873	15001	49.96
22	4397	181	402	4980	60	4320	0	0	4537	4692	-1209	12843	0	12843	1815	14658	50.03
23	4470	181	379	5030	103	4227	0	0	4169	4158	-1220	12298	0	12298	1708	14006	50.01
24	4383	145	402	4930	97	4215	0	0	4113	4005	-1134	12113	0	12113	1558	13671	50.02
MUs	118.83	6.40	9.30	134.53	3.53	114.73	0.00	2.81	124.64	123.86	-24.24	355.22	0.00	355.22	39.25	394.47	49.98

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 07/Jan/2018

Position as on 6.30 Hrs of 08/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem,Water shortage	
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.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30	07/01/2018	13.20	BTL, not available on account of PCR w.e.f 30.12.2017 at 18:00Hrs	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jan/2018

Position as on 6.30 Hrs of 08/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Khaparkheda Unit 1	210	04/01/2018	16.42		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	04/01/2018	19.38		Continued.	due to vibration.	
TPC_G	Trombay 8	250	05/01/2018	05.52		Continued.	Turbine bearing temperature high.	
MSPGCL	Bhusawal Unit 3	210	05/01/2018	22.45		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan problem	
MSPGCL	Parli Unit 8	250	06/01/2018	07.07		Continued.	Coal bunkering problem	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 08/Jan/2018

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	06/01/2018	17.35	07/01/2018	07.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/01/2018	17.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/01/2018	17.42	07/01/2018	07.17	HT	Over Voltage
karad -kolhapur-II	IntraState	06/01/2018	18.01	07/01/2018	09.17	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/01/2018	18.04	07/01/2018	09.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2018	23.41	07/01/2018	05.38	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/01/2018	17.34	08/01/2018	06.33	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/01/2018	17.47		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/01/2018	20.17	08/01/2018	06.31	HT	Over Voltage
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
Kandalgaon - Sona Alloys	IntraState	07/01/2018	08.17	07/01/2018	19.33	PO	Damage conductor work
Miraj - Ichalkaranji II	IntraState	07/01/2018	09.24	07/01/2018	11.47	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now 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)
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	07/01/2018	05.54	07/01/2018	06.34	T	Gen. Tripped Earth Fault Tripped.
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	07/01/2018	05.54	07/01/2018	06.35	T	Gen. Tripped Earth Fault Tripped.

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