

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.493	762.607	1) Gujrat	0.503	3.019
2) Hydro	11.515	58.516	2) Madhya Pradesh	15.006	78.648
3) Gas	9.942	59.529	3) Chattisgarh	5.630	34.500
Total MSPGCL	141.950	880.652	4) Maharashtra Net	108.298	598.618
B) 1) APML	54.131	311.461	5) Goa (Amona)	-0.726	-5.324
2) JSWEL	18.264	105.466	Total	128.711	709.461
3) VIPL	12.096	73.098	a) Mumbai Schedule	26.348	121.635
4) RPL(AMT)	12.189	39.489	b) Mumbai Drawl	30.376	135.094
5) WPCL	4.128	23.322	c) MSEDCL Bilateral *	16.884	91.067
6) PGPL	0.000	0.000	Include PX	-1.732	-13.199
7) Other IPP	12.732	75.021	d) Mumbai Bilateral *	26.348	120.330
C) 1) TPCL Thermal	0.000	38.638	Include PX	7.370	15.637
2) TPCL Hydro	6.666	29.866	Include Standby	0.000	1.305
3) TPCL Gas	3.658	23.720	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.791	57.341	1) MSEDCL	360.667	2122.596
D) STATE			2) Mumbai Discoms	46.491	284.663
1) Thermal	239.824	1486.443	TOTAL STATE	407.158	2407.259
(A1+C1+C4+(B1-B6))					
2) Hydro	18.181	88.382			
(A2+C2)					
3) Gas	13.600	83.249			
(A3+B6+C3)					
4) Wind	3.771	21.433			
6) SOLAR	3.071	18.287			
TOTAL STATE	278.447	1697.794			

* 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 2 Hrs
MSPGCL Thermal	5525	5476	4486	4710
MSPGCL Hydro	1161	966	605	154
MSPGCL Gas	408	398	413	450
MSPGCL Total Generation	7094	6840	5504	5314
Central Sector Receipt	6254	6321	5935	4281
WIND	77	99	288	125
CPP / IPP Thermal	5449	5483	4527	3842
CPP / IPP Gas	0	0	0	0
SOLAR	445	472	0	0
Exchange with Mumbai	-1530	-1482	-1426	-1111
MSEDCL DEMAND MET	17789	17733	14828	12451
Load Shedding	0	0	0	0
MSEDCL DEMAND	17789	17733	14828	12451
TPCL GENERATION	634	634	620	129
R-INFRA GENERATION	252	252	252	196
MUMBAI DEMAND	2416	2368	2298	1436
STATE DEMAND MET	20205	20101	17126	13887
STATE DEMAND	20205	20101	17126	13887
Frequency (Hz)	49.96	49.93	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.01 Hrs	49.75 Hz at 18.10 Hrs	49.96	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 06/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.52	20.89	155	140
Unit 8	13.13	72.14	660	460
Unit 9	11.75	27.73	600	409
Unit 10	9.86	64.53	465	351
Total	38.25	185.28		
Bhusawal				
Unit 3	0.00	20.75	0	0
Unit 4	9.86	58.79	500	345
Unit 5	9.82	58.98	500	345
Total	19.68	138.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.34	24.03	190	150
Unit 7	0.00	0.00	0	0
Unit 8	0.98	20.17	143	0
Total	5.33	44.20		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.58	60.30	470	352
Unit 6	0.00	22.82	0	0
Unit 7	9.80	59.18	459	357
Unit 8	0.00	0.00	0	0
Unit 9	9.54	58.68	453	352
Total	28.92	200.97		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	32.25	258	190
Total	5.33	32.25		
Khaparkheda				
Unit 1	0.00	5.84	0	0
Unit 2	3.92	23.88	185	150
Unit 3	0.00	0.00	0	0
Unit 4	3.85	23.87	183	146
Unit 5	9.97	60.38	480	356
Total	17.74	113.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.19	25.35	200	163
Unit 5	1.06	22.07	166	0
Total	5.24	47.42		
Uran				
All Units	9.94	59.53	472	366
Total	9.94	59.53		
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)	0.23	1.98	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	1.98		
Koyna				
Stage 1-2	2.94	16.24	390	40
Stage 4	3.13	10.52	625	0
Stage 3	0.77	5.83	160	0
Total	6.83	32.59		
Hydro				
KDPH	0.89	3.57	37	36
VTRNA	0.81	5.00	61	0
TILLARI	0.48	2.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	1.43	80	0
RNGR+BHTSA	0.33	2.21	14	13
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.65	4.64	38	24
GHATGHAR	1.06	6.33	125	0
Total	4.68	25.93		
Wind				
Total	3.77	21.43	0	0
Total	3.77	21.43		
CPP				
APML(Mus)	54.13	311.46	0	0
JSWEL(Mus)	18.26	105.47	0	0
VIPL(Mus)	12.10	73.10	0	0
RPLAMT(Mus)	12.19	39.49	0	0
WPCL(Mus)	4.13	23.32	0	0
Other(Mus)	12.73	75.02	0	0
Total	113.54	627.86		
SOLAR				
Total	3.07	18.29	0	0
Total	3.07	18.29		
Tata				
Trombay 5	0.00	16.69	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	14.72	110	72
Trombay 7B	1.43	9.00	65	54
Trombay 8	0.00	21.95	0	0
TATA Hydro	6.67	29.87	459	0
Total	10.32	92.22		
R-INFRA				
DTPS U-1&2	5.79	57.34	309	194
Total	5.79	57.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.49	762.61	MSPGCL Total	141.95	880.65
			MSPGCL Thml+Gas	130.44	822.14	Koyna 1,2 & 4 Total	6.07	26.76
			MSPGCL Hydro	11.52	58.52	State Total	278.45	1697.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4697	123	466	5286	149	3976	0	0	4111	4280	-1125	12566	0	12566	1569	14135	49.94
2	4710	154	450	5314	125	3842	0	0	4298	4281	-1111	12451	0	12451	1436	13887	49.98
3	4698	124	457	5279	105	3832	0	0	4271	4386	-1038	12564	0	12564	1361	13925	49.99
4	4705	124	470	5299	123	3815	0	0	4312	4465	-996	12706	0	12706	1320	14026	50.01
5	4721	129	458	5308	124	3817	0	0	4833	4821	-1016	13054	0	13054	1340	14394	49.96
6	5059	120	472	5651	148	4066	0	0	5377	5506	-1073	14298	0	14298	1463	15761	49.99
7	5543	428	442	6413	113	4823	0	2	5559	5544	-1159	15736	0	15736	1604	17340	49.99
8	5529	1074	403	7006	107	5089	0	30	5689	5801	-1129	16904	0	16904	1746	18650	49.94
9	5564	963	411	6938	59	5201	0	145	5730	5763	-1208	16898	0	16898	1975	18873	49.90
10	5533	1173	407	7113	33	5379	0	293	5637	5905	-1384	17339	0	17339	2231	19570	49.91
11	5507	1198	399	7104	63	5419	0	395	5919	6045	-1537	17489	0	17489	2397	19886	49.91
12	5525	1161	408	7094	77	5449	0	445	6355	6254	-1530	17789	0	17789	2416	20205	49.96
13	5476	966	398	6840	99	5483	0	472	6274	6321	-1482	17733	0	17733	2368	20101	49.93
14	5373	558	402	6333	163	5519	0	447	5892	5982	-1358	17086	0	17086	2232	19318	50.02
15	5394	452	397	6243	205	5534	0	388	5961	5984	-1358	16996	0	16996	2231	19227	49.94
16	5347	356	396	6099	219	5447	0	279	5923	6023	-1345	16722	0	16722	2218	18940	49.91
17	5217	460	410	6087	245	5166	0	150	5831	5893	-1334	16207	0	16207	2206	18413	49.91
18	4787	317	412	5516	236	4968	0	25	5701	5468	-1336	14877	0	14877	2210	17087	49.93
19	4486	605	413	5504	288	4527	0	0	5520	5935	-1426	14828	0	14828	2298	17126	49.93
20	4491	456	382	5329	293	4507	0	0	5354	5572	-1425	14276	0	14276	2293	16569	49.92
21	4549	160	378	5087	271	4488	0	0	5244	5189	-1290	13745	0	13745	2134	15879	49.96
22	4553	175	366	5094	206	4408	0	0	4673	4756	-1267	13197	0	13197	2007	15204	50.01
23	4498	118	378	4994	165	4403	0	0	4531	4417	-1269	12710	0	12710	1774	14484	49.99
24	4531	121	367	5019	155	4382	0	0	4507	4120	-1180	12496	0	12496	1662	14158	49.99
MUs	120.49	11.52	9.94	141.95	3.77	113.54	0.00	3.07	127.50	128.71	-30.38	360.67	0.00	360.67	46.49	407.16	49.96

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 06/Jan/2018

Position as on 6.30 Hrs of 07/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	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01	06/01/2018	06.24	Coal Shortage (Converted to zero schedule w.e.f 01.01.2018, 00:00Hrs)	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01	06/01/2018	07.36	zero schedule	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Jan/2018

Position as on 6.30 Hrs of 07/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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 06/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 07/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 I	InterState	05/01/2018	17.49	06/01/2018	07.58	HT	Over Voltage
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
karad -kolhapur-II	IntraState	05/01/2018	17.29	06/01/2018	09.30	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/01/2018	17.36	06/01/2018	09.28	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2018	17.57	06/01/2018	06.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/01/2018	21.15	06/01/2018	06.13	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	06/01/2018	13.10	06/01/2018	18.12	HT	For Controlling ICT Loading
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		Continued.	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		Continued.	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	06/01/2018	08.30	06/01/2018	18.30	PO	Damaged Conductor Replacement work
Khadaka-Chaligaon III	IntraState	06/01/2018	08.30	06/01/2018	13.31	PO	Routine Maintenance Work
Vita-Hiwarwadi	IntraState	06/01/2018	11.46	06/01/2018	14.29	PO	Testing Work
Chalisgaon - Deepnagar	IntraState	06/01/2018	13.46	06/01/2018	18.14	PO	Routine Maintenance Work
Kharghar Trombay	IntraState	06/01/2018	17.03	06/01/2018	18.27	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)
220/132 Kv 100 Mva Cgl Ict 2 @Amalner	IntraState	06/01/2018	05.03	06/01/2018	05.52	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	06/01/2018	09.45	06/01/2018	12.45	PO	Testing Work
220kV 200MVA ICT IV @ OCR Nashik	IntraState	06/01/2018	10.40	06/01/2018	17.30	PO	Testing Work

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 06/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	06/01/2018	05.03	06/01/2018	06.04	T	Bus Bar Protection Operated
Amalner(220kv)-Chopda	IntraState	06/01/2018	05.03	06/01/2018	06.03	T	Bus Bar Protection Operated
Amalner(220kv)-Amalner (132 Kv)	IntraState	06/01/2018	05.03	06/01/2018	06.10	T	Bus Bar Protection Operated
Dharangaon -Amalner	IntraState	06/01/2018	11.59	06/01/2018	12.24	T	Distance Protection