

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Nov/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.007	823.619	1) Gujrat	-0.036	-0.588
2) Hydro	11.825	40.010	2) Madhya Pradesh	10.635	65.985
3) Gas	10.140	70.187	3) Chattisgarh	6.940	46.850
Total MSPGCL	139.972	933.816	4) Maharashtra Net	109.281	783.116
B) 1) APML	73.604	411.617	5) Goa (Amona)	-0.858	-5.852
2) JSWEL	25.677	152.891	Total	125.962	889.511
3) VIPL	12.905	83.686	a) Mumbai Schedule	20.431	140.037
4) RPL(AMT)	17.548	108.697	b) Mumbai Drawl	28.375	194.020
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.680	225.420
6) PGPL	0.000	0.000	Include PX	-4.745	-15.007
7) Other IPP	6.755	40.010	d) Mumbai Bilateral *	20.431	140.037
C) 1) TPCL Thermal	14.697	93.143	Include PX	2.774	19.964
2) TPCL Hydro	4.223	22.955	Include Standby	0.000	0.000
3) TPCL Gas	4.075	28.386	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.372	67.833	1) MSEDCL	382.185	2537.374
D) STATE			2) Mumbai Discoms	61.736	406.332
1) Thermal	279.565	1781.496	TOTAL STATE	443.921	2943.706
(A1+C1+C4+(B1-B6))					
2) Hydro	16.048	62.965			
(A2+C2)					
3) Gas	14.215	98.573			
(A3+B6+C3)					
4) Wind	4.532	87.076			
6) SOLAR	3.605	24.090			
TOTAL STATE	317.965	2054.200			

* 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 1 Hrs
MSPGCL Thermal	4960	4980	4997	4469
MSPGCL Hydro	1280	1293	245	192
MSPGCL Gas	396	404	412	434
MSPGCL Total Generation	6636	6677	5654	5095
Central Sector Receipt	5823	5933	5395	4332
WIND	186	122	194	311
CPP / IPP Thermal	6158	6165	6133	4860
CPP / IPP Gas	0	0	0	0
SOLAR	510	510	0	0
Exchange with Mumbai	-1251	-1225	-1253	-1174
MSEDCL DEMAND MET	18062	18182	16123	13424
Load Shedding	18	18	0	0
MSEDCL DEMAND	18080	18200	16123	13424
TPCL GENERATION	1330	1313	1256	719
R-INFRA GENERATION	501	501	494	375
MUMBAI DEMAND	3082	3039	3003	2268
STATE DEMAND MET	21144	21221	19126	15692
STATE DEMAND	21162	21239	19126	15692
Frequency (Hz)	49.86	49.93	49.97	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 13.02 Hrs	49.61 Hz at 06.40 Hrs	49.9	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/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	11.10	58.44	491	352
Unit 10	10.31	78.16	554	350
Total	21.41	183.07		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.49	59.23	360	350
Unit 5	8.56	59.96	370	350
Total	17.04	119.18		
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	4.03	28.83	181	152
Total	4.03	28.83		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.08	62.63	400	341
Unit 7	10.10	66.06	456	393
Unit 8	10.37	66.23	465	363
Unit 9	6.90	29.51	422	0
Total	36.45	227.64		
Paras				
Unit 3	5.30	33.98	226	190
Unit 4	5.30	33.66	227	190
Total	10.60	67.64		
Khaparkheda				
Unit 1	3.62	25.80	155	145
Unit 2	3.62	25.96	155	150
Unit 3	0.00	0.00	0	0
Unit 4	3.63	24.23	154	148
Unit 5	9.39	64.94	405	358
Total	20.25	140.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	28.13	183	164
Unit 5	4.10	28.18	185	163
Total	8.24	56.32		
Uran				
All Units	10.14	70.19	443	392
Total	10.14	70.19		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.20	1.39	40	0
Total	0.20	1.39		
Koyna				
Stage 1-2	4.05	17.31	485	40
Stage 4	3.75	7.04	638	0
Stage 3	1.73	5.90	160	0
Total	9.53	30.25		
Hydro				
KDPH	0.43	1.42	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.24	1.08	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.43	80	0
RNGR+BHTSA	0.39	2.68	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	0.15	7	6
GHATGHAR	0.93	2.99	125	0
Total	2.30	9.76		
Wind				
Total	4.53	87.08	0	0
Total	4.53	87.08		
CPP				
APML(Mus)	73.60	411.62	0	0
JSWEL(Mus)	25.68	152.89	0	0
VIPL(Mus)	12.90	83.69	0	0
RPLAMT(Mus)	17.55	108.70	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.76	40.01	0	0
Total	136.49	796.90		
SOLAR				
Total	3.60	24.09	0	0
Total	3.60	24.09		
Tata				
Trombay 5	9.35	57.71	484	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	17.74	115	82
Trombay 7B	1.53	10.64	68	56
Trombay 8	5.35	35.44	249	199
TATA Hydro	4.22	22.96	449	0
Total	23.00	144.48		
R-INFRA				
DTPS U-1&2	10.37	67.83	503	373
Total	10.37	67.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.01	823.62	MSPGCL Total	139.97	933.82
			MSPGCL Thml+Gas	128.15	893.81	Koyna 1,2 & 4 Total	7.80	24.35
			MSPGCL Hydro	11.82	40.01	State Total	317.96	2054.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Nov/2017

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	4469	192	434	5095	311	4860	0	0	4144	4332	-1174	13424	0	13424	2268	15692	49.86
2	4656	107	428	5191	336	5014	0	0	4419	4272	-1021	13792	0	13792	2045	15837	49.83
3	4792	82	440	5314	271	5313	0	0	4697	4424	-910	14412	0	14412	1928	16340	49.92
4	4797	87	430	5314	265	5235	0	0	4798	4498	-836	14476	0	14476	1850	16326	49.88
5	4827	87	441	5355	296	5189	0	0	4740	4788	-811	14817	0	14817	1824	16641	49.86
6	4844	176	442	5462	243	5500	0	0	5220	5470	-826	15849	0	15849	1923	17772	49.83
7	4922	484	443	5849	300	5950	0	5	5526	5305	-679	16730	0	16730	2053	18783	49.78
8	4988	179	434	5601	244	6073	0	119	5759	5875	-835	17077	0	17077	2205	19282	49.88
9	4963	142	438	5543	237	6068	0	274	5855	6064	-1214	16972	0	16972	2413	19385	49.94
10	4996	209	419	5624	157	6035	0	396	5829	5635	-1572	16275	0	16275	2793	19068	49.89
11	5040	753	410	6203	170	6169	0	473	5866	5685	-1436	17264	0	17264	3017	20281	49.88
12	4960	1280	396	6636	186	6158	0	510	5980	5823	-1251	18062	18	18080	3082	21162	49.86
13	4980	1293	404	6677	122	6165	0	510	5925	5933	-1225	18182	18	18200	3039	21239	49.93
14	4967	1085	392	6444	116	6149	0	459	5764	5775	-1187	17756	18	17774	2953	20727	49.90
15	4994	1374	402	6770	101	6149	0	413	5876	5972	-1230	18175	33	18208	3022	21230	49.92
16	5002	1348	407	6757	92	6149	0	285	5873	5939	-1219	18003	33	18036	3040	21076	49.93
17	5032	1115	411	6558	89	6181	0	137	5774	5738	-1148	17555	0	17555	3009	20564	49.88
18	5018	599	409	6026	95	6164	0	24	5377	5478	-1104	16683	0	16683	2945	19628	49.91
19	4997	245	412	5654	194	6133	0	0	5354	5395	-1253	16123	0	16123	3003	19126	49.97
20	4976	310	422	5708	196	5628	0	0	5069	5055	-1477	15110	0	15110	2919	18029	49.94
21	4967	335	420	5722	171	5126	0	0	4699	4911	-1530	14400	0	14400	2756	17156	49.97
22	4950	176	438	5564	118	5057	0	0	4793	4807	-1572	13974	0	13974	2635	16609	49.98
23	4945	82	436	5463	90	5012	0	0	4503	4504	-1452	13617	0	13617	2542	16159	49.89
24	4925	85	432	5442	132	5011	0	0	4221	4284	-1413	13456	0	13456	2478	15934	49.97
MUs	118.01	11.83	10.14	139.97	4.53	136.49	0.00	3.61	126.06	125.96	-28.38	382.19	0.12	382.31	61.74	444.05	49.90

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/Nov/2017

Position as on 6.30 Hrs of 08/Nov/2017

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 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
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.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	Zero Schedule from 12.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	Zero Schedule from 14.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Nov/2017

Position as on 6.30 Hrs of 08/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 9	500	03/11/2017	08.00	07/11/2017	02.09	Economizer Tube Leakage.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 08/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Akola II- ckt-II	IntraState	07/11/2017	09.29	07/11/2017	10.54	PO	Maintenance work.
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	08/11/2017	06.25		Continued.	PO	Annual Maintenance Work
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	06/11/2017	18.57		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	07/11/2017	14.21	07/11/2017	19.41	T	Distance Protection
Ektuni-Bableshtar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Babhaleshtar - Padghe-II	IntraState	04/11/2017	06.01	07/11/2017	21.13	PO	Reorientation of Bay
karad -kolhapur-I	IntraState	06/11/2017	17.04	07/11/2017	09.04	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	06/11/2017	17.06	07/11/2017	10.05	T	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	06/11/2017	17.39	07/11/2017	09.01	PO	main bus-1 outage.
Chandrapur - Khaperkheda	IntraState	07/11/2017	10.57	07/11/2017	14.28	PO	fixing of broken earh wire.
koaradi II - Wardha(PG)	IntraState	07/11/2017	12.07	07/11/2017	13.10	EO	Attending Hot Spot
Lonikand I - Koyna stage-IV	IntraState	07/11/2017	13.40	07/11/2017	14.48	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	07/11/2017	14.59	07/11/2017	15.11	HT	Testing Work
karad -kolhapur-II	IntraState	07/11/2017	18.51		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	07/11/2017	18.57		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/11/2017	20.16	08/11/2017	06.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/11/2017	22.42	08/11/2017	06.11	HT	Over Voltage
400 KV ICT Outages/Trippings							
400kv Side Spare Ict @Lonikand	IntraState	06/11/2017	11.08	07/11/2017	18.41	PO	Testing Work
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
GIS Bhandup - Borivali	IntraState	07/11/2017	05.58	07/11/2017	17.45	PO	construction work.
Nerul - Sonkhar	IntraState	07/11/2017	06.28	07/11/2017	10.22	EO	Attending Hot Spot
Boisar Versova Line	IntraState	07/11/2017	07.21	07/11/2017	09.39	PO	attend red hot on y-ph ct at versova.
Malharpeth - Karad(400kv)	IntraState	07/11/2017	09.06	07/11/2017	22.14	PO	Replacement of cts.
Khadka-Chalisgaon-1	IntraState	07/11/2017	09.08	07/11/2017	11.11	PO	Testing Work
Deepnagar Bambhori	IntraState	07/11/2017	12.47	07/11/2017	16.52	PO	Testing Work
Phulambri-Bhokardan	IntraState	07/11/2017	13.43	07/11/2017	16.50	EO	Attending Hot Spot
Deepnagar Bambhori	IntraState	07/11/2017	16.56	07/11/2017	22.52	T	insulator string flash out.
Lamboti(solapur)-Karkamb	IntraState	07/11/2017	19.28	08/11/2017	05.03	HT	Over Voltage
GIS Bhandup - Borivali	IntraState	08/11/2017	06.02		Continued.	PO	Line Maintenance work
220 KV ICT Outages/Trippings							

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 07/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 08/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	07/11/2017	07.00	07/11/2017	16.40	PO	Testing Work