

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.610	2992.355	1) Gujrat	-7.460	-102.616
2) Hydro	3.445	94.190	2) Madhya Pradesh	8.300	241.712
3) Gas	6.234	204.268	3) Chattisgarh	6.310	173.330
Total MSPGCL	126.289	3290.813	4) Maharashtra Net	98.515	2586.688
B) 1) APLM	11.232	305.221	5) Goa (Amona)	-0.752	-16.930
2) JSWEL	19.622	479.120	6) TAPS 1&2 Injection	3.687	86.539
3) VIPL	10.076	280.913	7) RGPPL Injection	11.161	275.036
4) RPL(AMT)	13.838	429.409	8) Pench (MS)	0.060	1.427
5) WPCL	4.248	92.591	9) Pench (Excess)	-0.060	-1.427
6) Other IPP	4.242	108.356	Total	119.701	3242.332
C) 1) TPCL Thermal	14.794	389.467	a) Mumbai Schedule	22.266	637.458
2) TPCL Hydro	1.590	60.699	b) Mumbai Drawl	28.864	798.118
3) TPCL Gas	3.658	83.771	c) MSEDCL Bilateral *	33.293	871.145
4) R-INFRA Thermal	10.883	272.480	Include PX	0.000	14.272
D) STATE			d) Mumbai Bilateral *	22.266	637.458
1) Thermal	205.545	5349.912	Include PX	3.094	140.024
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.035	154.889	H) ENERGY CATERED (MUs)		
3) Gas	9.892	288.039	1) MSEDCL	312.705	8127.998
4) Wind	31.274	673.191	2) Mumbai Discoms	59.788	1604.560
6) SOLAR	1.047	24.170	TOTAL STATE	372.493	9732.558
TOTAL STATE	252.793	6490.201			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5050	4863	4818	4851
MSPGCL Hydro	369	53	100	64
MSPGCL Gas	212	304	309	224
MSPGCL Total Generation	5631	5220	5227	5139
Central Sector Receipt	6460	5367	5185	4118
WIND	1129	1075	1556	1359
CPP / IPP	2668	2683	2676	2591
SOLAR	111	63	0	0
Exchange with Mumbai	-1528	-1315	-1187	-749
MSEDCL DEMAND MET	14471	13093	13457	12458
Load Shedding	0	0	0	0
MSEDCL DEMAND	14471	13093	13457	12458
TPCL GENERATION	844	1045	958	651
R-INFRA GENERATION	412	514	508	402
MUMBAI DEMAND	2784	2874	2653	1802
STATE DEMAND MET	17255	15967	16110	14260
STATE DEMAND	17255	15967	16110	14260
Frequency (Hz)	49.97	49.96	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06:02 Hrs	49.97 Hz at 21:06 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 24/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.38	60.66	150	135
Unit 6	0.00	0.00	0	0
Unit 7	3.52	86.48	155	135
Unit 8	11.53	272.76	486	480
Total	18.43	419.90		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.44	92.66	165	0
Unit 4	8.77	199.88	370	345
Unit 5	8.73	232.89	370	350
Total	20.94	567.56		
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.06	84.63	174	163
Unit 4	4.01	101.14	169	165
Unit 5	8.79	211.14	376	360
Unit 6	8.76	234.36	375	355
Unit 7	8.78	210.54	371	344
Unit 8	0.00	43.57	0	0
Total	34.40	885.37		
Paras				
Unit 3	4.94	132.68	235	181
Unit 4	5.02	129.35	250	188
Total	9.96	262.03		
Khaparkheda				
Unit 1	3.52	84.94	165	135
Unit 2	3.70	91.64	165	120
Unit 3	4.19	94.51	188	155
Unit 4	3.87	93.67	168	157
Unit 5	9.59	211.48	500	375
Total	24.87	576.25		
Nasik				
Unit 3	4.00	87.42	170	160
Unit 4	0.00	74.62	0	0
Unit 5	4.02	99.45	171	163
Total	8.01	261.50		
Uran				
All Units	6.23	204.27	369	212
Total	6.23	204.27		
PENCH (MS)				
Pench (MS)	0.06	1.43	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.43		
Koyna				
Stage 1-2	1.09	32.71	60	40
Stage 4	0.00	11.60	0	0
Stage 3	0.62	12.18	80	0
Total	1.71	56.49		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.72	5.68	60	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.94	63	0
RNGR+BHTSA	0.15	3.64	9	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.58	0	0
GHATGHAR	0.77	20.16	183	0
Total	1.74	37.70		
Wind				
Total	31.27	673.19	0	0
Total	31.27	673.19		
CPP				
APML(Mus)	11.23	305.22	0	0
JSWEL(Mus)	19.62	479.12	0	0
VIPL(Mus)	10.08	280.91	0	0
RPLAMT(Mus)	13.84	429.41	0	0
WPCL(Mus)	4.25	92.59	0	0
Other(Mus)	4.24	108.36	0	0
Total	63.26	1695.61		
SOLAR				
Total	1.05	24.17	0	0
Total	1.05	24.17		
Tata				
Trombay 5	9.51	253.27	488	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.27	51.80	115	79
Trombay 7B	1.38	31.97	64	53
Trombay 8	5.28	136.20	248	190
TATA Hydro	1.59	60.70	170	5
Total	20.04	533.94		
R-INFRA				
1-2	10.88	272.48	514	401
Total	10.88	272.48		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.37
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.61	2992.36
MSPGCL Thml+Gas	122.84	3196.62
MSPGCL Hydro	3.44	94.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	126.29	3290.81
Koyna 1,2 & 4 Total	1.09	44.31
State Total	252.79	6490.20

Hourly Load Data As on 24/Jun/2016

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													
1	4890	59	265	5214	1571	2688	0	4966	5006	-1072	13407	0	13407	2138	15545	49.99
2	4821	59	262	5142	1511	2602	0	4295	4569	-913	12911	0	12911	1979	14890	49.97
3	4807	54	214	5075	1565	2596	0	3938	4309	-802	12743	0	12743	1866	14609	49.97
4	4818	54	215	5087	1521	2595	0	3878	4038	-750	12491	0	12491	1813	14304	49.98
5	4851	64	224	5139	1359	2591	0	3789	4118	-749	12458	0	12458	1802	14260	49.94
6	4844	109	214	5167	1107	2590	0	4372	4650	-777	12737	0	12737	1887	14624	49.96
7	4867	134	219	5220	1123	2603	4	5108	5593	-914	13629	0	13629	1975	15604	49.97
8	4989	252	214	5455	1161	2681	27	5253	5368	-1067	13625	0	13625	2122	15747	50.01
9	5019	323	215	5557	1202	2674	68	5452	6231	-1476	14256	0	14256	2527	16783	49.99
10	5050	369	212	5631	1129	2668	111	5555	6460	-1528	14471	0	14471	2784	17255	49.97
11	5056	435	215	5706	1270	2684	157	5620	5465	-1519	13763	0	13763	3050	16813	50.01
12	4865	319	244	5428	1268	2698	155	5613	5184	-1556	13177	0	13177	3105	16282	50.03
13	4834	238	217	5289	1106	2677	149	5363	5125	-1529	12817	0	12817	3086	15903	50.03
14	4840	49	242	5131	1000	2684	143	5381	5174	-1424	12708	0	12708	2967	15675	49.93
15	4882	49	245	5176	950	2679	106	5401	5302	-1361	12852	0	12852	2915	15767	49.95
16	4863	53	304	5220	1075	2683	63	5397	5367	-1315	13093	0	13093	2874	15967	49.96
17	4860	60	325	5245	1552	2597	43	5205	4652	-1362	12727	0	12727	2860	15587	49.96
18	4864	110	366	5340	1412	2591	17	4244	4405	-1258	12507	0	12507	2831	15338	49.92
19	4873	105	364	5342	1626	2598	4	4129	4263	-1226	12607	0	12607	2748	15355	49.97
20	4846	105	369	5320	1504	2611	0	5045	4872	-1234	13073	0	13073	2723	15796	49.94
21	4818	100	309	5227	1556	2676	0	5492	5185	-1187	13457	0	13457	2653	16110	49.98
22	4657	105	258	5020	1271	2621	0	5196	5025	-1392	12545	0	12545	2528	15073	49.89
23	4690	98	266	5054	1281	2592	0	4847	4874	-1319	12482	0	12482	2367	14849	49.98
24	4706	142	256	5104	1154	2582	0	4442	4466	-1134	12172	0	12172	2189	14361	49.96
MUs	116.61	3.44	6.23	126.29	31.27	63.26	1.05	117.98	119.70	-28.86	312.70	0.00	312.70	59.79	372.49	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 24/Jun/2016

Position as on 6.30 Hrs of 25/Jun/2016

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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital 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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	17/06/2016	22.39		Continued.	Condensor vaccum low protection.	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
MSPGCL	Uran Unit B0	120	24/06/2016	20.41		Continued.	Surge Prot.operated	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jun/2016

Position as on 6.30 Hrs of 25/Jun/2016

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	24/06/2016	20.41		Continued.	Surge Prot.operated	
MSPGCL	Bhusawal Unit 3	210	24/06/2016	20.42	24/06/2016	23.36	Super Heater Temp high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2016

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	24/06/2016	05.16	24/06/2016	19.29	T	D.C.line protection Y blocked at chandrapur
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/06/2016	07.14	24/06/2016	19.54	PO	In Reduce mode
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	23/06/2016	16.58	24/06/2016	10.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/06/2016	17.36		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/06/2016	11.15		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/06/2016	17.11	24/06/2016	09.01	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	21/06/2016	16.51		Continued.	HT	To Control Load on Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/06/2016	17.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/06/2016	22.10	24/06/2016	07.31	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	24/06/2016	00.42	24/06/2016	06.33	T	Over Voltage
Akola II - Akola I Ckt-I	IntraState	24/06/2016	10.03	24/06/2016	16.53	PO	Testing Work
karad -kolhapur-I	IntraState	24/06/2016	13.54		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	24/06/2016	20.09		Continued.	HT	due to sparking on isolator B phase at A'BAD end
Lonikand I - Koyna stage-IV	IntraState	24/06/2016	22.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	24/06/2016	04.00	24/06/2016	14.17	HT	Over Voltage
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Padghe - Nalasopara	IntraState	24/06/2016	03.10	24/06/2016	13.52	T	Distance Protection
Kalwa - Airoli Knowledge Park	IntraState	24/06/2016	06.44	24/06/2016	10.52	PO	Bus outage
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)
220/22 Kv 50 Mva Cgl Ptr 1 @Kalwa	IntraState	24/06/2016	06.41	24/06/2016	11.46	PO	Bus outage
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	24/06/2016	06.59	24/06/2016	10.55	PO	Bus outage
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	24/06/2016	06.59	24/06/2016	11.43	PO	Bus outage
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	24/06/2016	10.10	24/06/2016	18.05	T	Distance Protection
Ranjangaon-Whirlpool	IntraState	24/06/2016	09.50	24/06/2016	13.39	PO	jumper snapped
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	24/06/2016	13.57	24/06/2016	14.36	PO	Annual Maintenance Work

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