

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jun/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.493	3461.493	1) Gujrat	-10.340	-138.238
2) Hydro	4.032	109.328	2) Madhya Pradesh	6.406	268.660
3) Gas	5.910	233.064	3) Chattisgarh	6.760	199.010
Total MSPGCL	128.435	3803.885	4) Maharashtra Net	93.708	2932.261
B) 1) APML	12.730	353.052	5) Goa (Amona)	-0.754	-19.808
2) JSWEL	20.750	558.750	6) TAPS 1&2 Injection	3.707	101.384
3) VIPL	10.741	322.824	7) RGPPL Injection	11.663	322.031
4) RPL(AMT)	13.918	484.977	8) Pench (MS)	0.118	2.084
5) WPCL	4.429	109.775	9) Pench (Excess)	-0.118	-2.084
6) Other IPP	3.848	124.253	Total	111.032	3663.216
C) 1) TPCL Thermal	14.261	441.393	a) Mumbai Schedule	20.286	713.061
2) TPCL Hydro	2.009	65.129	b) Mumbai Drawl	26.461	900.779
3) TPCL Gas	3.845	99.086	c) MSEDCL Bilateral *	34.808	1004.622
4) R-INFRA Thermal	10.449	312.209	Include PX	-0.484	8.508
D) STATE			d) Mumbai Bilateral *	20.286	713.061
1) Thermal	209.619	6168.726	Include PX	1.590	144.278
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.041	174.457	H) ENERGY CATERED (MUs)		
3) Gas	9.755	332.150	1) MSEDCL	311.154	9352.815
4) Wind	30.987	805.107	2) Mumbai Discoms	57.025	1818.622
6) SOLAR	0.745	27.755	TOTAL STATE	368.179	11171.437
TOTAL STATE	257.147	7508.195			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5342	5009	5069	4841
MSPGCL Hydro	201	133	247	66
MSPGCL Gas	235	249	248	241
MSPGCL Total Generation	5778	5391	5564	5148
Central Sector Receipt	5189	4919	4357	3976
WIND	1242	1218	1579	1212
CPP / IPP	3003	2729	2857	2671
SOLAR	107	95	0	0
Exchange with Mumbai	-1564	-1473	-823	-667
MSEDCL DEMAND MET	13755	12879	13534	12340
Load Shedding	0	0	0	0
MSEDCL DEMAND	13755	12879	13534	12340
TPCL GENERATION	901	923	1214	660
R-INFRA GENERATION	487	496	506	403
MUMBAI DEMAND	2952	2892	2543	1730
STATE DEMAND MET	16707	15771	16077	14070
STATE DEMAND	16707	15771	16077	14070
Frequency (Hz)	50.02	49.97	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 19.01 Hrs	49.79 Hz at 14.15 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 28/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.16	73.07	145	120
Unit 6	0.00	0.00	0	0
Unit 7	3.44	100.51	160	130
Unit 8	10.84	316.28	606	304
Total	17.45	489.85		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.93	108.34	165	160
Unit 4	9.24	235.72	475	375
Unit 5	9.26	268.74	500	355
Total	22.43	654.92		
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	4.27	100.91	199	159
Unit 4	2.57	115.63	185	0
Unit 5	8.50	246.18	400	175
Unit 6	9.72	271.10	450	359
Unit 7	9.18	246.42	418	353
Unit 8	1.56	51.82	297	0
Total	35.81	1032.05		
Paras				
Unit 3	5.60	153.22	256	196
Unit 4	5.73	150.21	262	195
Total	11.33	303.43		
Khaparkheda				
Unit 1	0.00	88.32	0	0
Unit 2	3.92	106.85	170	160
Unit 3	4.07	110.95	190	161
Unit 4	4.08	109.54	190	162
Unit 5	11.37	252.20	500	390
Total	23.45	667.87		
Nasik				
Unit 3	4.04	103.48	170	165
Unit 4	0.00	74.62	0	0
Unit 5	3.99	115.53	170	162
Total	8.03	293.63		
Uran				
All Units	5.91	233.06	255	235
Total	5.91	233.06		
PENCH (MS)				
Pench (MS)	0.12	2.08	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	2.08		
Koyna				
Stage 1-2	1.20	37.74	170	40
Stage 4	0.00	11.70	0	0
Stage 3	0.57	14.01	80	0
Total	1.77	63.46		
Hydro				
KDPH	0.31	1.73	13	12
VTRNA	0.72	8.59	60	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.41	77	0
RNGR+BHTSA	0.13	3.98	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	0.98	24.09	250	0
Total	2.26	45.87		
Wind				
Total	30.99	805.11	0	0
Total	30.99	805.11		
CPP				
APML(Mus)	12.73	353.05	0	0
JSWEL(Mus)	20.75	558.75	0	0
VIPL(Mus)	10.74	322.82	0	0
RPLAMT(Mus)	13.92	484.98	0	0
WPCL(Mus)	4.43	109.78	0	0
Other(Mus)	3.85	124.25	0	0
Total	66.42	1953.63		
SOLAR				
Total	0.74	27.76	0	0
Total	0.74	27.76		
Tata				
Trombay 5	9.06	287.16	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	61.41	115	83
Trombay 7B	1.43	37.68	65	54
Trombay 8	5.20	154.24	248	190
TATA Hydro	2.01	65.13	315	10
Total	20.12	605.61		
R-INFRA				
1-2	10.45	312.21	514	400
Total	10.45	312.21		

* 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	118.49	3461.49
MSPGCL Thml+Gas	124.40	3694.56
MSPGCL Hydro	4.03	109.33

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	128.44	3803.88
Koyna 1,2 & 4 Total	1.20	49.44
State Total	257.15	7508.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5122	60	241	5423	1119	2720	0	4624	4315	-878	12699	0	12699	1936	14635	49.96
2	4867	61	250	5178	1173	2668	0	4161	4206	-752	12473	0	12473	1814	14287	49.98
3	4841	66	241	5148	1212	2671	0	3763	3976	-667	12340	0	12340	1730	14070	49.96
4	4833	61	252	5146	1268	2677	0	3725	4052	-617	12526	0	12526	1679	14205	49.97
5	4762	71	251	5084	1305	2671	0	3609	3984	-632	12412	0	12412	1691	14103	49.99
6	4791	66	250	5107	1376	2667	0	3673	4644	-743	13051	0	13051	1802	14853	50.00
7	5023	66	241	5330	1201	2671	7	4049	5006	-864	13351	0	13351	1912	15263	49.96
8	5010	116	251	5377	1259	2678	30	4598	5277	-993	13628	0	13628	2053	15681	49.99
9	5037	117	252	5406	1361	2689	69	5000	5504	-1374	13655	0	13655	2438	16093	49.98
10	5198	285	249	5732	1224	2801	95	5141	5365	-1482	13735	0	13735	2683	16418	49.98
11	5342	201	235	5778	1242	3003	107	5332	5189	-1564	13755	0	13755	2952	16707	50.02
12	5091	147	248	5486	1116	2954	124	5499	5072	-1538	13214	0	13214	2965	16179	49.99
13	5009	133	249	5391	1218	2729	95	5432	4919	-1473	12879	0	12879	2892	15771	49.97
14	4927	143	239	5309	1218	2678	62	5285	4877	-1461	12683	0	12683	2765	15448	49.97
15	4886	209	239	5334	1133	2693	42	5271	4913	-1552	12563	0	12563	2779	15342	49.92
16	4979	388	245	5612	1101	2865	51	5268	4721	-1548	12802	0	12802	2756	15558	49.99
17	4910	395	247	5552	1061	2998	36	4926	4836	-1533	12950	0	12950	2731	15681	49.93
18	4796	331	239	5366	1171	2780	20	4856	4920	-1377	12880	0	12880	2716	15596	49.98
19	4821	149	248	5218	1350	2682	7	4816	5049	-1183	13123	0	13123	2582	15705	49.98
20	5101	126	239	5466	1321	2765	0	4971	4592	-1030	13114	0	13114	2637	15751	49.92
21	5069	247	248	5564	1579	2857	0	4852	4357	-823	13534	0	13534	2543	16077	49.96
22	4942	252	248	5442	1614	2876	0	4158	3916	-806	13042	0	13042	2463	15505	49.96
23	4797	210	253	5260	1643	2859	0	4288	3636	-775	12623	0	12623	2327	14950	49.97
24	4339	132	255	4726	1722	2765	0	4318	3706	-796	12123	0	12123	2179	14302	50.01
MUs	118.49	4.03	5.91	128.43	30.99	66.42	0.75	111.61	111.03	-26.46	311.15	0.00	311.15	57.02	368.18	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 28/Jun/2016

Position as on 6.30 Hrs of 29/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	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
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(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jun/2016

Position as on 6.30 Hrs of 29/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 B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	
MSPGCL	Chandrapur Unit-8	500	28/06/2016	07.07		Continued.	M.S.Temperature Low	
MSPGCL	Chandrapur Unit 4	210	28/06/2016	14.42	29/06/2016	03.54	Turbine Tripped	
MSPGCL	Chandrapur Unit 5	500	29/06/2016	01.45		Continued.	Air heater problem	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero shedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 29/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	29/06/2016	00.29	29/06/2016	03.43	T	AC Conductor Ground Protection Operated
400 KV LINE Outages/Trippings							
Dabhol Newkoyna li	InterState	27/06/2016	09.26	28/06/2016	08.37	PO	Maint.work(RFC 19.33Hrs)
Kolhapur Solapur (PG) II	InterState	27/06/2016	12.32	28/06/2016	09.14	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/06/2016	20.34	28/06/2016	08.52	HT	Over Voltage
Dhule Khandwa II	InterState	28/06/2016	11.15	28/06/2016	15.41	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	28/06/2016	17.42		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	28/06/2016	17.57		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/06/2016	02.22		Continued.	T	Over Voltage
Ektuni-Bableswhar 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	28/06/2016	08.46	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/06/2016	20.35	28/06/2016	07.38	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	28/06/2016	09.51	28/06/2016	14.02	EO	Relay Retrofitting Work by Testing
Khadka-Aurangabad (Waluj)	IntraState	28/06/2016	18.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2016	22.07		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	28/06/2016	23.59		Continued.	T	Over Voltage
Parly(MS)- Nanded	IntraState	29/06/2016	02.27	29/06/2016	03.55	T	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
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	28/06/2016	15.14	28/06/2016	16.20	EO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
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.
Wardha-Yeotmal	IntraState	27/06/2016	19.20	28/06/2016	10.26	T	Distance Protection
Theur-Phursungi	IntraState	28/06/2016	09.48		Continued.	PO	Taken on TBC at Theur
Miraj - Ichalkaranji II	IntraState	28/06/2016	10.00	28/06/2016	12.13	PO	Quarterly Maintainance Work
Karad - Sadawagpur I	IntraState	28/06/2016	12.11	28/06/2016	13.03	EO	Attending Hot Spot
Dasturi-Kandalgaon Line	IntraState	28/06/2016	12.35	28/06/2016	19.35	PO	Annual Maintenance Work
Kadegaon-Miraj	IntraState	28/06/2016	14.20	28/06/2016	16.04	PO	Annual Maintenance Work
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Kalwa Salsette III	IntraState	28/06/2016	18.17	28/06/2016	18.25	T	Distance Protection
Kalwa Salsette III	IntraState	29/06/2016	00.59		Continued.	EO	Attending Tilted Tower work
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

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 28/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 29/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
100 MVA T/F I @ Oglewadi	IntraState	28/06/2016	10.24	28/06/2016	13.43	PO	commissioning)
							Annual Maintenance Work