

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.107	139.107	1) Gujrat	-4.755	-4.755
2) Hydro	18.696	18.696	2) Madhya Pradesh	11.768	11.768
3) Gas	6.002	6.002	3) Chattisgarh	7.270	7.270
Total MSPGCL	163.805	163.805	4) Maharashtra Net	117.876	117.876
B) 1) APML	14.393	14.393	5) Goa (Amona)	-1.012	-1.012
2) JSWEL	21.317	21.317	6) TAPS 1&2 Injection	3.566	3.566
3) VIPL	14.233	14.233	7) RGPPL Injection	10.961	10.961
4) RPL(AMT)	14.477	14.477	8) Pench (MS)	0.024	0.024
5) WPCL	2.717	2.717	9) Pench (Excess)	-0.024	-0.024
6) Other IPP	3.621	3.621	Total	145.650	145.650
C) 1) TPCL Thermal	17.505	17.505	a) Mumbai Schedule	29.524	29.524
2) TPCL Hydro	4.150	4.150	b) Mumbai Drawl	35.298	35.298
3) TPCL Gas	2.127	2.127	c) MSEDCL Bilateral *	41.637	41.637
4) R-INFRA Thermal	12.175	12.175	Include PX	7.126	7.126
D) STATE			d) Mumbai Bilateral *	29.524	29.524
1) Thermal	239.545	239.545	Include PX	5.593	5.593
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	22.846	22.846	H) ENERGY CATERED (MUs)		
3) Gas	8.129	8.129	1) MSEDCL	365.445	365.445
4) Wind	19.408	19.408	2) Mumbai Discoms	71.255	71.255
6) SOLAR	1.122	1.122	TOTAL STATE	436.700	436.700
TOTAL STATE	291.050	291.050			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5929	5853	5307	5928
MSPGCL Hydro	1130	1228	582	531
MSPGCL Gas	282	275	278	175
MSPGCL Total Generation	7341	7356	6167	6634
Central Sector Receipt	6948	6721	6185	5551
WIND	510	388	1242	799
CPP / IPP	3026	3148	3149	2626
SOLAR	149	103	0	0
Exchange with Mumbai	-1745	-1779	-1421	-1007
MSEDCL DEMAND MET	16229	15937	15322	14603
Load Shedding	0	842	425	0
MSEDCL DEMAND	16229	16779	15747	14603
TPCL GENERATION	1237	1265	1028	817
R-INFRA GENERATION	490	495	513	513
MUMBAI DEMAND	3472	3539	2962	2337
STATE DEMAND MET	19701	19476	18284	16940
STATE DEMAND	19701	20318	18709	16940
Frequency (Hz)	49.98	49.90	49.92	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 17.32 Hrs	49.67 Hz at 19.47 Hrs	49.93	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 01/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.27	3.27	144	125
Unit 6	0.00	0.00	0	0
Unit 7	3.98	3.98	175	155
Unit 8	14.20	14.20	660	410
Total	21.45	21.45		
Bhusawal				
Unit 2	1.54	1.54	140	0
Unit 3	3.86	3.86	165	150
Unit 4	11.89	11.89	500	480
Unit 5	12.02	12.02	510	500
Total	29.32	29.32		
Parli				
Unit 3	0.00	0.00	0	0
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 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.19	4.19	192	153
Unit 4	4.31	4.31	185	170
Unit 5	0.00	0.00	0	0
Unit 6	9.36	9.36	460	205
Unit 7	10.65	10.65	456	433
Total	28.51	28.51		
Paras				
Unit 3	5.76	5.76	254	227
Unit 4	5.97	5.97	257	237
Total	11.73	11.73		
Khaparkheda				
Unit 1	3.22	3.22	160	65
Unit 2	3.56	3.56	160	135
Unit 3	4.26	4.26	194	160
Unit 4	4.37	4.37	191	169
Unit 5	11.56	11.56	500	460
Total	26.97	26.97		
Nasik				
Unit 3	4.53	4.53	195	175
Unit 4	4.62	4.62	200	188
Unit 5	4.57	4.57	196	180
Total	13.72	13.72		
Uran				
All Units	6.00	6.00	282	165
Total	6.00	6.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	0.02	20	0
Total	0.02	0.02		
Koyna				
Stage 1-2	5.50	5.50	455	50
Stage 4	8.41	8.41	721	0
Stage 3	3.56	3.56	240	26
Total	17.47	17.47		
Hydro				
KDPH	0.43	0.43	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.19	0.19	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.21	80	0
RNGR+BHTSA	0.20	0.20	10	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	0.05	3	2
GHATGHAR	0.14	0.14	71	0
Total	1.22	1.22		
Wind				
Total	19.41	19.41	0	0
Total	19.41	19.41		
CPP				
APML(Mus)	14.39	14.39	0	0
JSWEL(Mus)	21.32	21.32	0	0
VIPL(Mus)	14.23	14.23	0	0
RPLAMT(Mus)	14.48	14.48	0	0
WPCL(Mus)	2.72	2.72	0	0
Other(Mus)	3.62	3.62	0	0
Total	70.76	70.76		
SOLAR				
Total	1.12	1.12	0	0
Total	1.12	1.12		
Tata				
Trombay 5	11.59	11.59	489	459
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	1.17	51	48
Trombay 7B	0.96	0.96	41	39
Trombay 8	5.91	5.91	250	242
TATA Hydro	4.15	4.15	451	15
Total	23.78	23.78		
R-INFRA				
1-2	12.18	12.18	514	489
Total	12.18	12.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	139.11	139.11	MSPGCL Total	163.80	163.80
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	145.11	145.11	Koyna 1,2 & 4 Total	13.91	13.91
Koradi 9	7.41	7.41	MSPGCL Hydro	18.70	18.70	State Total	291.05	291.05
Parli 8	0.00	0.00						

Hourly Load Data As on 01/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	6002	879	203	7084	1215	2625	0	5588	5983	-1534	15373	0	15373	2928	18301	49.90
2	5930	596	185	6711	971	2633	0	5630	5775	-1348	14742	0	14742	2701	17443	49.89
3	5946	721	185	6852	1115	2622	0	5219	5150	-1202	14537	0	14537	2537	17074	49.97
4	5950	686	174	6810	964	2625	0	5115	5282	-1079	14602	0	14602	2412	17014	49.96
5	5928	531	175	6634	799	2626	0	5057	5551	-1007	14603	0	14603	2337	16940	49.90
6	5971	535	165	6671	764	2668	0	5034	5684	-999	14788	0	14788	2310	17098	49.93
7	6076	486	205	6767	832	2709	4	5040	5645	-934	15023	0	15023	2264	17287	49.94
8	6017	1256	262	7535	570	2770	24	5094	4941	-1017	14823	0	14823	2347	17170	50.01
9	5985	1432	281	7698	759	2819	67	5346	5170	-1324	15189	0	15189	2670	17859	49.96
10	5995	1469	281	7745	649	2922	100	6148	6038	-1581	15873	0	15873	3043	18916	49.92
11	6027	1159	282	7468	498	2980	127	6725	6932	-1777	16228	0	16228	3395	19623	49.98
12	5929	1130	282	7341	510	3026	149	6743	6948	-1745	16229	0	16229	3472	19701	49.98
13	5831	1149	274	7254	418	3103	168	6538	6628	-1799	15772	0	15772	3528	19300	49.89
14	5856	1359	274	7489	315	3116	157	6471	6648	-1762	15963	0	15963	3456	19419	49.95
15	5904	1363	272	7539	313	3148	137	6460	6705	-1808	16034	267	16301	3535	19836	49.84
16	5853	1228	275	7356	388	3148	103	6650	6721	-1779	15937	842	16779	3539	20318	49.90
17	5773	510	273	6556	535	3152	59	6583	6881	-1747	15436	901	16337	3498	19835	49.94
18	5673	279	279	6231	693	3156	23	5887	6174	-1747	14530	748	15278	3351	18629	49.90
19	5534	239	280	6053	932	3176	4	5597	5879	-1610	14434	308	14742	3125	17867	49.97
20	5371	156	278	5805	967	3176	0	6185	6123	-1551	14520	614	15134	3034	18168	49.85
21	5307	582	278	6167	1242	3149	0	5786	6185	-1421	15322	425	15747	2962	18709	49.92
22	5318	536	281	6135	1307	3143	0	5804	5990	-1413	15162	200	15362	2852	18214	49.91
23	5406	265	281	5952	1349	3135	0	5836	6143	-1525	15054	52	15106	2944	18050	49.87
24	5525	150	277	5952	1303	3130	0	6123	6473	-1589	15269	37	15306	3015	18321	49.93
MUs	139.1 1	18.70	6.00	163.80	19.41	70.76	1.12	140.66	145.65	-35.30	365.44	4.39	369.84	71.26	441.09	49.93

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 01/Jun/2016

Position as on 6.30 Hrs of 02/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) U2	300	01/06/2016	00.30		Continued.	Annual Maintenance Work.	
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	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
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	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
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-4	270	21/05/2016	16.15		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	21/05/2016	18.10	01/06/2016	09.09	Zero Schedule	
IPP	RPL(AMT) U-1	270	24/05/2016	00.00	01/06/2016	05.32	Zero Schedule From MSEDCL	
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	Uran Unit B0	120	29/05/2016	23.17		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	29/05/2016	23.19		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jun/2016

Position as on 6.30 Hrs of 02/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	30/05/2016	07.05		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	01/06/2016	01.26		Continued.	Boiler Parameter Maintaning Problem..	
MSPGCL	Bhusawal Unit 2	210	01/06/2016	11.18		Continued.	B.F.P.Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2016

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							
Dhule Sar'Sarovar I	InterState	31/05/2016	18.34	01/06/2016	06.22	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/06/2016	17.14	01/06/2016	18.50	PO	Shifted on TBC to Attend Hot Spot.
Dhule Sar'Sarovar I	InterState	01/06/2016	21.26		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	02/06/2016	04.33	02/06/2016	06.46	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
Taptitanda-Ektuni ckt 2	IntraState	28/05/2016	10.30		Continued.	PO	Dismantalling of Tower.
karad -kolhapur-II	IntraState	31/05/2016	16.13	01/06/2016	09.02	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/05/2016	17.05	01/06/2016	09.21	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/05/2016	19.14	01/06/2016	09.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/06/2016	07.16	01/06/2016	17.05	PO	Insulator String Replacement Work.
Chandrapur-Parali III	IntraState	01/06/2016	08.19	01/06/2016	19.20	PO	Replacement of Damaged Earthwire.
karad -kolhapur-I	IntraState	01/06/2016	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/06/2016	17.13		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/06/2016	17.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220 KV 500 MVA ICT- II @Warora	IntraState	13/05/2016	14.39		Continued.	PO	For Dismantling Of ICT-I
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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).
Bableshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Kandalgaon - Topworth	IntraState	30/05/2016	09.40		Continued.	PO	Modification of Supply to Pioneer Gas
Bhandara-Sunflag 2	IntraState	31/05/2016	17.51		Continued.	PO	Replacement of Metering CT & PT Measurment of CB Timing & CRM Measurment of Tan Delta of CT's & CC's.
Hingoli- Girawali	IntraState	31/05/2016	23.49	01/06/2016	06.26	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	01/06/2016	08.30	01/06/2016	17.54	PO	Quarterly Maintainance Work
Jejuri-Parvati	IntraState	01/06/2016	11.02	01/06/2016	12.17	T	Bird Fault.
Nagothane - Ipcl	IntraState	01/06/2016	11.52	01/06/2016	18.51	PO	Routine Maintenance Work
Pedambe-Pophali	IntraState	01/06/2016	13.23	01/06/2016	14.05	T	Tripped on R Phase.
Jejuri-Parvati	IntraState	01/06/2016	22.23	01/06/2016	23.07	PO	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)

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 01/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Girwali-Renapur-Ahamadpur	IntraState	01/06/2016	06.10	01/06/2016	06.25	T	Distance Protection