

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.194	2875.745	1) Gujrat	-4.770	-95.156
2) Hydro	3.150	90.745	2) Madhya Pradesh	11.289	233.412
3) Gas	9.284	198.034	3) Chattisgarh	6.970	167.020
Total MSPGCL	134.628	3164.524	4) Maharashtra Net	103.983	2488.173
B) 1) APML	11.585	293.989	5) Goa (Amona)	-0.640	-16.178
2) JSWEL	20.475	459.498	6) TAPS 1&2 Injection	3.663	82.852
3) VIPL	10.617	270.837	7) RGPPL Injection	11.673	263.875
4) RPL(AMT)	13.842	415.571	8) Pench (MS)	0.061	1.367
5) WPCL	4.282	88.343	9) Pench (Excess)	-0.061	-1.367
6) Other IPP	3.817	104.114	Total	132.107	3122.631
C) 1) TPCL Thermal	15.283	374.673	a) Mumbai Schedule	23.149	615.192
2) TPCL Hydro	1.347	59.109	b) Mumbai Drawl	29.464	769.254
3) TPCL Gas	4.050	80.113	c) MSEDCL Bilateral *	34.746	837.852
4) R-INFRA Thermal	11.041	261.597	Include PX	0.000	14.272
D) STATE			d) Mumbai Bilateral *	23.149	615.192
1) Thermal	213.136	5144.367	Include PX	3.477	136.929
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	4.497	149.854	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	13.334	278.147	1) MSEDCL	325.859	7815.293
4) Wind	22.926	641.917	2) Mumbai Discoms	61.185	1544.772
6) SOLAR	1.044	23.123	TOTAL STATE	387.044	9360.065
TOTAL STATE	254.937	6237.408			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5302	5269	5363	4793
MSPGCL Hydro	364	226	115	46
MSPGCL Gas	407	418	304	411
MSPGCL Total Generation	6073	5913	5782	5250
Central Sector Receipt	6184	5754	5624	5069
WIND	831	954	1327	554
CPP / IPP	2653	2647	2682	2647
SOLAR	126	87	0	0
Exchange with Mumbai	-1549	-1438	-1166	-799
MSEDCL DEMAND MET	14318	13917	14249	12721
Load Shedding	0	0	0	0
MSEDCL DEMAND	14318	13917	14249	12721
TPCL GENERATION	1068	1028	881	677
R-INFRA GENERATION	502	513	514	404
MUMBAI DEMAND	3119	2979	2561	1880
STATE DEMAND MET	17437	16896	16810	14601
STATE DEMAND	17437	16896	16810	14601
Frequency (Hz)	49.98	49.98	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.02 Hrs	49.8 Hz at 19.41 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 23/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.39	57.29	145	0
Unit 6	0.00	0.00	0	0
Unit 7	3.18	82.95	150	119
Unit 8	12.85	261.23	610	458
Total	17.42	401.47		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.98	89.22	170	165
Unit 4	8.66	191.11	370	350
Unit 5	8.66	224.16	370	350
Total	21.30	546.63		
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	4.31	80.57	192	163
Unit 4	4.22	97.13	187	163
Unit 5	9.60	202.36	440	365
Unit 6	9.82	225.59	455	310
Unit 7	9.58	201.75	435	335
Unit 8	0.00	43.57	0	0
Total	37.54	850.98		
Paras				
Unit 3	5.58	127.74	256	183
Unit 4	5.68	124.32	255	200
Total	11.26	252.07		
Khaparkheda				
Unit 1	3.43	81.42	150	135
Unit 2	3.84	87.94	170	135
Unit 3	4.18	90.32	185	165
Unit 4	3.80	89.80	176	144
Unit 5	11.39	201.89	500	365
Total	26.64	551.38		
Nasik				
Unit 3	4.04	83.43	175	160
Unit 4	0.00	74.62	0	0
Unit 5	4.00	95.43	171	160
Total	8.04	253.49		
Uran				
All Units	9.28	198.03	441	247
Total	9.28	198.03		
PENCH (MS)				
Pench (MS)	0.06	1.37	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.37		
Koyna				
Stage 1-2	1.10	31.62	60	40
Stage 4	0.00	11.60	0	0
Stage 3	0.07	11.56	46	0
Total	1.17	54.78		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.80	4.96	61	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	3.84	80	0
RNGR+BHTSA	0.00	3.49	0	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.58	1	0
GHATGHAR	1.04	19.39	250	0
Total	1.98	35.96		
Wind				
Total	22.93	641.92	0	0
Total	22.93	641.92		
CPP				
APML(Mus)	11.58	293.99	0	0
JSWEL(Mus)	20.48	459.50	0	0
VIPL(Mus)	10.62	270.84	0	0
RPLAMT(Mus)	13.84	415.57	0	0
WPCL(Mus)	4.28	88.34	0	0
Other(Mus)	3.82	104.11	0	0
Total	64.62	1632.35		
SOLAR				
Total	1.04	23.12	0	0
Total	1.04	23.12		
Tata				
Trombay 5	9.87	243.76	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.57	49.53	115	94
Trombay 7B	1.48	30.58	65	57
Trombay 8	5.41	130.91	244	199
TATA Hydro	1.35	59.11	178	14
Total	20.68	513.90		
R-INFRA				
1-2	11.04	261.60	514	402
Total	11.04	261.60		

* 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	122.19	2875.74
MSPGCL Thml+Gas	131.48	3073.78
MSPGCL Hydro	3.15	90.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	134.63	3164.52
Koyna 1,2 & 4 Total	1.10	43.22
State Total	254.94	6237.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4898	82	408	5388	886	2823	0	5204	5143	-1163	13077	0	13077	2263	15340	49.97
2	4855	41	418	5314	721	2662	0	5169	5116	-1005	12808	0	12808	2077	14885	49.97
3	4878	46	422	5346	597	2643	0	5183	5105	-879	12812	0	12812	1959	14771	49.97
4	4815	61	432	5308	555	2652	0	5181	5113	-802	12826	0	12826	1886	14712	49.99
5	4793	46	411	5250	554	2647	0	5180	5069	-799	12721	0	12721	1880	14601	49.98
6	4870	41	437	5348	497	2651	0	5187	5521	-855	13162	0	13162	1936	15098	49.98
7	5209	46	408	5663	568	2866	8	5299	5322	-908	13519	0	13519	2001	15520	49.98
8	5241	66	441	5748	659	2937	34	5345	5396	-1056	13718	0	13718	2153	15871	49.98
9	5280	106	400	5786	892	2801	86	5535	5516	-1418	13663	0	13663	2558	16221	49.98
10	5290	228	436	5954	920	2651	123	5675	6220	-1448	14420	0	14420	2811	17231	49.94
11	5257	436	427	6120	868	2639	120	5889	6057	-1558	14246	0	14246	3107	17353	49.99
12	5302	364	407	6073	831	2653	126	5982	6184	-1549	14318	0	14318	3119	17437	49.98
13	5325	255	419	5999	826	2642	135	5823	5724	-1558	13768	0	13768	3083	16851	49.96
14	5029	45	429	5503	805	2653	141	5646	5938	-1418	13622	0	13622	2956	16578	49.95
15	4850	145	416	5411	757	2648	128	5768	6137	-1417	13664	0	13664	2980	16644	49.98
16	5269	226	418	5913	954	2647	87	5729	5754	-1438	13917	0	13917	2979	16896	49.98
17	5277	166	414	5857	1305	2656	30	5625	5502	-1453	13897	0	13897	2969	16866	49.97
18	4891	110	427	5428	1275	2672	20	5470	5194	-1414	13175	0	13175	2910	16085	49.98
19	4842	105	272	5219	1434	2674	6	4923	5233	-1289	13277	0	13277	2763	16040	49.98
20	5158	105	284	5547	1448	2689	0	5619	5373	-1284	13773	0	13773	2760	16533	49.92
21	5325	105	282	5712	1394	2688	0	5714	5316	-1193	13917	0	13917	2657	16574	49.88
22	5363	115	304	5782	1327	2682	0	5605	5624	-1166	14249	0	14249	2561	16810	49.95
23	5221	110	325	5656	1394	2670	0	5527	5284	-1154	13850	0	13850	2483	16333	49.97
24	4956	100	247	5303	1459	2675	0	5349	5266	-1240	13463	0	13463	2334	15797	49.99
MUs	122.19	3.15	9.28	134.63	22.93	64.62	1.04	131.63	132.11	-29.46	325.86	0.00	325.86	61.18	387.04	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 23/Jun/2016

Position as on 6.30 Hrs of 24/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	Koradi Unit 5	200	17/06/2016	22.35	23/06/2016	09.41	ID Fan Problem	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jun/2016

Position as on 6.30 Hrs of 24/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 5	108	23/06/2016	19.57	23/06/2016	17.55	Bearing Pressure High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 24/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	20/06/2016	17.29	23/06/2016	07.30	T	Distance Protection
Dhule Sar'Sarovar II	InterState	21/06/2016	05.23	23/06/2016	07.19	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	22/06/2016	21.51	23/06/2016	06.53	T	Over Voltage
Karad Solapur (PG)	InterState	23/06/2016	12.45	23/06/2016	12.45	PO	A/R Successful from Both End.
Kolhapur Solapur (PG) II	InterState	23/06/2016	16.58		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	23/06/2016	17.34	23/06/2016	18.25	T	Distance Protection
Dhule Sar'Sarovar I	InterState	23/06/2016	17.36		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/06/2016	16.35	23/06/2016	07.16	HT	Over Voltage
karad -kolhapur-II	IntraState	18/06/2016	17.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	21/06/2016	16.51		Continued.	HT	To Control Load on Padgha-BBLSR Line
Bhusawal-Aurangabad	IntraState	21/06/2016	18.11	23/06/2016	10.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/06/2016	22.06	23/06/2016	07.19	HT	Over Voltage
Warora -IEPL	IntraState	23/06/2016	08.56	23/06/2016	19.49	PO	For Replacement of Corona ring.
Akola II - Akola I Ckt-II	IntraState	23/06/2016	10.00	23/06/2016	18.19	PO	R.M.Work.
New Koyna - Koyna Stage IV-II	IntraState	23/06/2016	10.14	23/06/2016	20.04	PO	Attending Oil Leakage
Lonikand 1 - Talegaon(Pgcil)	IntraState	23/06/2016	11.55	23/06/2016	19.59	HT	As per WRLDC Instruction.
Babhaleshwar - Padghe-II	IntraState	23/06/2016	12.38	23/06/2016	16.19	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2016	16.38	23/06/2016	20.04	PO	Taken on TBC for Attending Hot Spot.
Khadka-Aurangabad (Waluj)	IntraState	23/06/2016	17.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/06/2016	22.10		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	24/06/2016	00.42	24/06/2016	06.33	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	23/06/2016	08.13	23/06/2016	19.52	PO	Routine Maintenance Work
400/220kv 315 Mva ICT I @Karad	IntraState	23/06/2016	11.02	23/06/2016	17.37	PO	NDR Relay Retrofitting & testing Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	20/06/2016	01.02	23/06/2016	13.08	T	Distance Protection
Mudshingi Chikodi	InterState	22/06/2016	10.07	23/06/2016	19.03	PO	Relay Replacement.
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).
Boisar(M) - Ghodbunder	IntraState	21/06/2016	05.47	23/06/2016	14.19	T	Distance Protection
Wardha-Yeotmal	IntraState	22/06/2016	20.02		Continued.	T	Distance Protection Operated Z-1 Y Phase.
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Theur- Magar Patta City	IntraState	23/06/2016	09.19	23/06/2016	15.56	PO	Half yearly maintenance work
Talandge-Mudshingi Ckt-I	IntraState	23/06/2016	09.26	23/06/2016	18.33	PO	Bus Outage.
Talandge(400)- Mudshingi 2 Line	IntraState	23/06/2016	09.26	23/06/2016	18.32	PO	Bus Outage.

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 23/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Peth- Mudshingi -I	IntraState	23/06/2016	09.27	23/06/2016	18.38	PO	Bus Outage.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/06/2016	09.28	23/06/2016	18.37	PO	Bus Outage.
512 Khadki- Century Enka	IntraState	23/06/2016	10.17	23/06/2016	18.46	PO	Retrofitting of relay for SCADA work.
Chinchwad-Hinjewadi I	IntraState	23/06/2016	11.14	23/06/2016	19.38	HT	For Availing outage on Talaegaon Ambi Urse Line.
Urse - Talegaon (Ambi) Ckt 1	IntraState	23/06/2016	11.35	23/06/2016	19.16	PO	To replacement of Identified PID Faulty Insulator.
Jejuri- Ismt- Lonand	IntraState	23/06/2016	15.12	23/06/2016	18.10	PO	Insulator Jumper replacement.
Padghe - Nalasopara	IntraState	24/06/2016	03.10		Continued.	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Ranjangaon-Whirlpool	IntraState	23/06/2016	10.58	23/06/2016	13.40	PO	Line Maintenance work
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	21/06/2016	23.29	23/06/2016	12.42	T	Distance Protection

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