

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jun/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.304	2753.551	1) Gujrat	-3.503	-90.386
2) Hydro	3.807	87.595	2) Madhya Pradesh	11.220	222.123
3) Gas	10.233	188.750	3) Chattisgarh	7.340	160.050
Total MSPGCL	134.344	3029.896	4) Maharashtra Net	104.943	2384.190
B) 1) APML	13.910	282.404	5) Goa (Amona)	-0.480	-15.538
2) JSWEL	20.537	439.023	6) TAPS 1&2 Injection	3.674	79.189
3) VIPL	13.112	260.220	7) RGPPL Injection	11.582	252.202
4) RPL(AMT)	16.284	401.729	8) Pench (MS)	0.074	1.306
5) WPCL	4.214	84.061	9) Pench (Excess)	-0.074	-1.306
6) Other IPP	3.741	100.297	Total	134.702	2990.524
C) 1) TPCL Thermal	16.032	359.390	a) Mumbai Schedule	25.224	592.043
2) TPCL Hydro	2.688	57.762	b) Mumbai Drawl	27.884	739.790
3) TPCL Gas	4.108	76.063	c) MSEDCL Bilateral *	35.430	803.106
4) R-INFRA Thermal	11.355	250.556	Include PX	0.000	14.272
D) STATE			d) Mumbai Bilateral *	25.224	592.043
1) Thermal	219.489	4931.231	Include PX	3.295	133.452
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	6.495	145.357	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.341	264.813	1) MSEDCL	329.729	7489.434
4) Wind	15.844	618.991	2) Mumbai Discoms	62.067	1483.587
6) SOLAR	0.925	22.079	TOTAL STATE	391.796	8973.021
TOTAL STATE	257.094	5982.471			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5257	5353	5378	4293
MSPGCL Hydro	829	166	105	49
MSPGCL Gas	429	401	422	415
MSPGCL Total Generation	6515	5920	5905	4757
Central Sector Receipt	6067	6145	5857	4835
WIND	186	644	883	960
CPP / IPP	3181	3213	3189	2668
SOLAR	114	77	0	0
Exchange with Mumbai	-1620	-1457	-1258	-843
MSEDCL DEMAND MET	14443	14542	14576	12377
Load Shedding	0	0	0	0
MSEDCL DEMAND	14443	14542	14576	12377
TPCL GENERATION	987	1145	943	724
R-INFRA GENERATION	490	489	513	403
MUMBAI DEMAND	3097	3091	2714	1970
STATE DEMAND MET	17540	17633	17290	14347
STATE DEMAND	17540	17633	17290	14347
Frequency (Hz)	50.02	49.95	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.00 Hrs	49.8 Hz at 19.24 Hrs	49.99	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 22/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	55.90	0	0
Unit 6	0.00	0.00	0	0
Unit 7	2.57	79.77	140	0
Unit 8	11.94	248.38	530	451
Total	14.50	384.05		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.90	85.24	170	150
Unit 4	10.34	182.45	500	360
Unit 5	10.45	215.50	500	360
Total	24.70	525.34		
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	4.47	76.26	199	169
Unit 4	4.30	92.91	185	165
Unit 5	9.71	192.75	430	360
Unit 6	10.24	215.77	455	365
Unit 7	9.59	192.17	423	360
Unit 8	0.00	43.57	0	0
Total	38.30	813.44		
Paras				
Unit 3	5.78	122.16	256	202
Unit 4	5.58	118.65	250	162
Total	11.36	240.81		
Khaparkheda				
Unit 1	3.70	77.99	165	135
Unit 2	3.98	84.10	175	160
Unit 3	4.37	86.14	190	160
Unit 4	4.10	86.01	186	152
Unit 5	6.90	190.50	489	0
Total	23.05	524.74		
Nasik				
Unit 3	4.20	79.40	190	160
Unit 4	0.00	74.62	0	0
Unit 5	4.20	91.43	196	164
Total	8.39	245.45		
Uran				
All Units	10.23	188.75	443	401
Total	10.23	188.75		
PENCH (MS)				
Pench (MS)	0.07	1.31	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.31		
Koyna				
Stage 1-2	1.16	30.52	90	40
Stage 4	0.59	11.60	405	0
Stage 3	0.55	11.49	80	0
Total	2.29	53.61		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.76	4.16	61	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	3.70	79	0
RNGR+BHTSA	0.14	3.49	9	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.57	1	0
GHATGHAR	0.48	18.35	120	0
Total	1.51	33.98		
Wind				
Total	15.84	618.99	0	0
Total	15.84	618.99		
CPP				
APML(Mus)	13.91	282.40	0	0
JSWEL(Mus)	20.54	439.02	0	0
VIPL(Mus)	13.11	260.22	0	0
RPLAMT(Mus)	16.28	401.73	0	0
WPCL(Mus)	4.21	84.06	0	0
Other(Mus)	3.74	100.30	0	0
Total	71.80	1567.73		
SOLAR				
Total	0.92	22.08	0	0
Total	0.92	22.08		
Tata				
Trombay 5	10.44	233.89	488	320
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	46.96	115	100
Trombay 7B	1.49	29.10	65	60
Trombay 8	5.59	125.50	249	202
TATA Hydro	2.69	57.76	424	12
Total	22.83	493.22		
R-INFRA				
1-2	11.36	250.56	514	403
Total	11.36	250.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	120.30	2753.55	MSPGCL Total	134.34	3029.90
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	130.54	2942.30	Koyna 1,2 & 4 Total	1.74	42.12
Parli 8	0.00	0.00	MSPGCL Hydro	3.81	87.60	State Total	257.09	5982.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4548	49	435	5032	1223	2931	0	5146	4702	-916	12972	0	12972	2270	15242	50.00
2	4408	54	437	4899	1082	2722	0	5148	4920	-846	12777	0	12777	2077	14854	49.98
3	4293	49	415	4757	960	2668	0	5105	4835	-843	12377	0	12377	1970	14347	49.97
4	4295	50	437	4782	775	2677	0	4702	5084	-790	12528	0	12528	1894	14422	49.96
5	4479	65	438	4982	534	2668	0	4504	5217	-773	12628	0	12628	1880	14508	49.96
6	4664	50	436	5150	315	2673	0	5136	5711	-830	13019	0	13019	1945	14964	50.02
7	4929	53	416	5398	300	2912	2	5269	5825	-683	13754	0	13754	2025	15779	49.99
8	5030	111	436	5577	310	2996	27	5325	5637	-723	13824	0	13824	2135	15959	50.01
9	5196	116	443	5755	239	3110	63	5551	6173	-1122	14218	0	14218	2498	16716	50.00
10	5255	413	403	6071	256	3197	92	5671	6086	-1475	14227	0	14227	2819	17046	49.99
11	5257	829	429	6515	186	3181	114	6080	6067	-1620	14443	0	14443	3097	17540	50.02
12	5335	381	419	6135	279	3186	141	6312	6013	-1414	14340	8	14348	3134	17482	50.04
13	5142	188	416	5746	417	2980	117	6107	6271	-1415	14116	8	14124	3128	17252	50.04
14	5085	134	415	5634	457	2970	113	5855	6180	-1418	13936	8	13944	3001	16945	50.01
15	5307	129	417	5853	535	3185	108	5923	6112	-1444	14349	0	14349	3029	17378	49.96
16	5353	166	401	5920	644	3213	77	5957	6145	-1457	14542	0	14542	3091	17633	49.95
17	5418	205	433	6056	861	3206	46	5769	5644	-1407	14406	0	14406	3080	17486	49.97
18	5410	105	419	5934	1136	3149	24	5596	4888	-1376	13755	0	13755	2985	16740	49.99
19	4930	110	422	5462	986	2832	1	5530	5382	-1284	13379	0	13379	2871	16250	49.97
20	5045	140	434	5619	761	2969	0	5732	6144	-1241	14252	0	14252	2816	17068	49.93
21	5378	105	422	5905	883	3189	0	5766	5857	-1258	14576	0	14576	2714	17290	49.99
22	5377	105	434	5916	893	3207	0	5670	5458	-1223	14251	0	14251	2674	16925	50.02
23	5113	100	439	5652	964	3016	0	5587	5312	-1177	13767	0	13767	2513	16280	50.00
24	5057	100	437	5594	848	2962	0	5404	5040	-1149	13295	0	13295	2421	15716	50.01
MUs	120.30	3.81	10.23	134.34	15.84	71.80	0.92	132.85	134.70	-27.88	329.73	0.02	329.75	62.07	391.82	49.99

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 22/Jun/2016

Position as on 6.30 Hrs of 23/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	Koyna Unit 3	75	22/06/2016	08.00	22/06/2016	16.45	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	
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		Continued.	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	Khaparkheda Unit 5	500	18/06/2016	08.37	22/06/2016	07.18	Water Valve Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jun/2016

Position as on 6.30 Hrs of 23/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Koradi Unit 7	210	22/06/2016	10.06	22/06/2016	14.02	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2016

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							
Ektuni-Akola II Ckt 2	IntraState	22/06/2016	07.35	22/06/2016	18.19	PO	Y Phase Meetring CVT Replacement Work.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	21/06/2016	22.13	22/06/2016	01.22	EO	Water leakage problem in valve Hall
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	20/06/2016	17.29		Continued.	T	Distance Protection
Dhule Sar'Sarovar II	InterState	21/06/2016	05.23		Continued.	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	21/06/2016	21.44	22/06/2016	07.42	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	22/06/2016	21.51		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	18/06/2016	16.35		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/06/2016	17.11		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	21/06/2016	04.11	22/06/2016	15.49	T	Distance Protection
Ektuni-Bableswhar 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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/06/2016	00.24	22/06/2016	07.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/06/2016	22.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT 2@koradi 2	IntraState	20/06/2016	12.36	22/06/2016	21.42	PO	For Resolving Issues Regarding Fire Protetion System of ICT-II.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	20/06/2016	01.02		Continued.	T	Distance Protection
Borivali - Tarapur	InterState	21/06/2016	05.25	22/06/2016	19.32	T	Distance Protection
Nasik Navsari II	InterState	21/06/2016	20.52	22/06/2016	17.41	T	Distance Protection
Vasai Boiser(PG)	InterState	22/06/2016	06.20	22/06/2016	15.43	HT	dUE TO 220KV Padgha-Nalasopara Line Breakdown.
Mudshingi Chikodi	InterState	22/06/2016	10.07		Continued.	PO	Relay Replacement.
Tillari Amona	InterState	22/06/2016	13.35	22/06/2016	14.27	PO	Testing Work
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		Continued.	T	Distance Protection
Topworth - Kharghar	IntraState	21/06/2016	10.43	22/06/2016	19.11	PO	Line Maintenance work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	22/06/2016	01.25	22/06/2016	14.31	T	Distance Protection
Padghe - Nalasopara	IntraState	22/06/2016	05.47	22/06/2016	15.24	T	Distance Protection
Midc Chandrapur-Gadchandur	IntraState	22/06/2016	07.00	22/06/2016	14.35	PO	Stringing of 220KV MIDC Ballarshah Line.
Kandalgaon - Pirangut	IntraState	22/06/2016	08.00	22/06/2016	17.10	PO	Taurus Line Signature Work.
Paranda-Barshi	IntraState	22/06/2016	09.30	22/06/2016	12.10	PO	Routine Maintenance Work
Talandge-Mudshingi Ckt-I	IntraState	22/06/2016	10.10	22/06/2016	19.15	PO	Bus Section Outage @ Mudshungi S/S for Bus Insulator Replacement.
Peth- Mudshingi -I	IntraState	22/06/2016	10.10	22/06/2016	19.14	PO	Bus Section Outage @ Mudshungi S/S for Bus Insulator

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 22/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 23/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Replacement.
Talandge(400)- Mudshingi 2 Line	IntraState	22/06/2016	10.11	22/06/2016	19.14	PO	Bus Section Outage @ Mudshungi S/S for Bus Insulator Replacement.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	22/06/2016	10.12	22/06/2016	19.14	PO	Bus Section Outage @ Mudshungi S/S for Bus Insulator Replacement.
Ambazari-Kalmeshwar	IntraState	22/06/2016	10.50	22/06/2016	16.57	PO	Crimping of Jumper.
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.
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)
220/132 Kv 100 Mva Emco Ict 1 @Buttibori	IntraState	22/06/2016	08.21	22/06/2016	09.43	PO	Premansoon Maintenace Work.
132 KV LINE Outages/Trippings							
Kopergaon - Vaijapur	IntraState	21/06/2016	18.46	22/06/2016	03.15	T	Distance Protection
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	21/06/2016	23.29		Continued.	T	Distance Protection

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