

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jun/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.199	274.306	1) Gujrat	-6.501	-11.256
2) Hydro	3.065	21.761	2) Madhya Pradesh	9.551	21.319
3) Gas	6.680	12.682	3) Chattisgarh	5.580	12.850
Total MSPGCL	144.944	308.749	4) Maharashtra Net	123.574	241.450
B) 1) APML	13.081	27.474	5) Goa (Amona)	-0.960	-1.972
2) JSWEL	19.965	41.282	6) TAPS 1&2 Injection	3.556	7.122
3) VIPL	14.187	28.420	7) RGPPL Injection	11.582	22.543
4) RPL(AMT)	21.687	36.164	8) Pench (MS)	0.064	0.088
5) WPCL	2.586	5.303	9) Pench (Excess)	-0.064	-0.088
6) Other IPP	5.264	8.885	Total	146.318	291.968
C) 1) TPCL Thermal	17.519	35.024	a) Mumbai Schedule	31.668	61.192
2) TPCL Hydro	4.148	8.298	b) Mumbai Drawl	34.838	70.136
3) TPCL Gas	2.121	4.248	c) MSEDCL Bilateral *	40.031	81.668
4) R-INFRA Thermal	12.191	24.366	Include PX	5.433	12.559
D) STATE			d) Mumbai Bilateral *	31.668	61.192
1) Thermal	241.679	481.224	Include PX	6.035	11.627
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.213	30.059	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.801	16.930	1) MSEDCL	354.445	719.890
4) Wind	19.981	39.389	2) Mumbai Discoms	70.819	142.074
6) SOLAR	1.270	2.392	TOTAL STATE	425.264	861.964
TOTAL STATE	278.944	569.994			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5570	5721	5593	5351
MSPGCL Hydro	330	119	249	62
MSPGCL Gas	280	272	275	291
MSPGCL Total Generation	6180	6112	6117	5704
Central Sector Receipt	7239	7263	5992	5418
WIND	296	427	986	1234
CPP / IPP	3288	3218	2944	3159
SOLAR	180	134	0	0
Exchange with Mumbai	-1655	-1748	-1390	-1009
MSEDCL DEMAND MET	15528	15406	14649	14506
Load Shedding	763	1024	454	68
MSEDCL DEMAND	16291	16430	15103	14574
TPCL GENERATION	1279	1223	1139	822
R-INFRA GENERATION	491	502	510	514
MUMBAI DEMAND	3425	3473	3039	2345
STATE DEMAND MET	18953	18879	17688	16851
STATE DEMAND	19716	19903	18142	16919
Frequency (Hz)	49.84	49.88	49.89	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 00.01 Hrs	49.7 Hz at 11.51 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 02/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.40	6.67	150	131
Unit 6	0.00	0.00	0	0
Unit 7	3.93	7.91	175	135
Unit 8	13.02	27.21	660	330
Total	20.34	41.79		
Bhusawal				
Unit 2	1.82	3.36	140	0
Unit 3	3.94	7.81	170	160
Unit 4	11.70	23.59	505	370
Unit 5	11.92	23.95	510	420
Total	29.39	58.71		
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	2.53	6.72	193	0
Unit 4	4.36	8.67	186	179
Unit 5	0.00	0.00	0	0
Unit 6	10.60	19.96	453	410
Unit 7	10.58	21.24	455	420
Total	28.08	56.59		
Paras				
Unit 3	5.85	11.60	254	234
Unit 4	6.06	12.03	258	250
Total	11.90	23.63		
Khaparkheda				
Unit 1	3.02	6.25	150	90
Unit 2	3.92	7.48	175	130
Unit 3	4.21	8.47	192	145
Unit 4	4.46	8.83	192	170
Unit 5	11.65	23.21	500	402
Total	27.26	54.24		
Nasik				
Unit 3	4.52	9.06	195	175
Unit 4	4.61	9.23	195	182
Unit 5	4.60	9.17	196	185
Total	13.74	27.46		
Uran				
All Units	6.68	12.68	294	265
Total	6.68	12.68		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.09	24	0
Total	0.06	0.09		
Koyna				
Stage 1-2	1.00	6.50	45	40
Stage 4	0.00	8.41	0	0
Stage 3	0.30	3.87	80	0
Total	1.31	18.78		
Hydro				
KDPH	0.40	0.83	17	16
VTRNA	0.16	0.16	60	0
TILLARI	0.32	0.52	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	0.61	80	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	0.10	2	1
GHATGHAR	0.43	0.57	125	0
Total	1.76	2.98		
Wind				
Total	19.98	39.39	0	0
Total	19.98	39.39		
CPP				
APML(Mus)	13.08	27.47	0	0
JSWEL(Mus)	19.96	41.28	0	0
VIPL(Mus)	14.19	28.42	0	0
RPLAMT(Mus)	21.69	36.16	0	0
WPCL(Mus)	2.59	5.30	0	0
Other(Mus)	5.26	8.88	0	0
Total	76.77	147.53		
SOLAR				
Total	1.27	2.39	0	0
Total	1.27	2.39		
Tata				
Trombay 5	11.61	23.20	490	451
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	2.34	49	48
Trombay 7B	0.95	1.91	40	39
Trombay 8	5.91	11.82	249	240
TATA Hydro	4.15	8.30	455	5
Total	23.79	47.57		
R-INFRA				
1-2	12.19	24.37	514	491
Total	12.19	24.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	2.07	2.07	MSPGCL Thermal	135.20	274.31	MSPGCL Total	144.94	308.75
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	141.88	286.99	Koyna 1,2 & 4 Total	1.00	14.91
Koradi 9	2.41	9.82	MSPGCL Hydro	3.06	21.76	State Total	278.94	569.99
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5586	129	282	5997	1004	3186	0	5698	6176	-1585	14778	42	14820	2912	17732	49.97
2	5546	57	281	5884	1253	3180	0	5653	5616	-1363	14570	63	14633	2692	17325	49.93
3	5533	62	294	5889	1380	3182	0	5673	5439	-1194	14696	76	14772	2526	17298	49.94
4	5538	62	282	5882	1431	3167	0	5752	5055	-1076	14459	67	14526	2410	16936	49.99
5	5351	62	291	5704	1234	3159	0	5542	5418	-1009	14506	68	14574	2345	16919	49.97
6	5563	58	281	5902	1258	3153	0	5486	5316	-1001	14628	254	14882	2336	17218	49.95
7	5547	63	277	5887	917	3148	8	5620	5191	-948	14203	662	14865	2273	17138	49.91
8	5445	62	277	5784	891	3141	39	5684	5644	-1064	14435	678	15113	2396	17509	49.99
9	5583	139	291	6013	791	3180	87	6067	6074	-1329	14816	589	15405	2667	18072	49.95
10	5580	204	276	6060	499	3226	118	6546	7430	-1532	15801	474	16275	2988	19263	49.89
11	5616	365	276	6257	375	3283	166	7126	7246	-1698	15629	683	16312	3357	19669	49.87
12	5570	330	280	6180	296	3288	180	7052	7239	-1655	15528	763	16291	3425	19716	49.84
13	5627	255	265	6147	276	3163	179	7059	7262	-1753	15274	849	16123	3444	19567	49.93
14	5683	150	273	6106	341	3162	154	6710	6881	-1738	14906	788	15694	3372	19066	49.95
15	5721	119	272	6112	427	3218	134	6843	7263	-1748	15406	1024	16430	3473	19903	49.88
16	5763	61	276	6100	394	3310	105	6765	6647	-1742	14814	1396	16210	3506	19716	49.91
17	5783	59	276	6118	647	3401	67	6705	6497	-1718	15012	621	15633	3459	19092	49.92
18	5800	64	278	6142	862	3388	29	6120	5700	-1680	14441	374	14815	3323	18138	49.99
19	5610	137	274	6021	1042	2771	4	5799	5547	-1488	13897	241	14138	3070	17208	49.93
20	5593	249	275	6117	986	2944	0	5963	5992	-1390	14649	454	15103	3039	18142	49.89
21	5617	201	277	6095	870	3131	0	5955	5696	-1398	14394	389	14783	2951	17734	49.92
22	5804	59	274	6137	1013	3289	0	5875	5471	-1511	14399	99	14498	2901	17399	49.88
23	5852	59	278	6189	940	3351	0	6015	5675	-1593	14562	0	14562	2941	17503	49.87
24	5888	59	274	6221	854	3346	0	5992	5843	-1625	14639	0	14639	3011	17650	49.97
MUs	135.20	3.07	6.68	144.94	19.98	76.77	1.27	147.70	146.32	-34.84	354.44	10.65	365.10	70.82	435.92	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 02/Jun/2016

Position as on 6.30 Hrs of 03/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	02/06/2016	08.14	Zero Schedule	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSCL	
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	
MSPGCL	Chandrapur Unit 5	500	30/05/2016	07.05	02/06/2016	23.58	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	01/06/2016	01.26	02/06/2016	12.20	Boiler Parameter Maintaning Problem..	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jun/2016

Position as on 6.30 Hrs of 03/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 2	210	01/06/2016	11.18	02/06/2016	09.52	B.F.P.Problem.	
MSPGCL	Koradi Unit 9	660	02/06/2016	06.47	02/06/2016	14.49	Oil Pressure Drop Down Suddenly Hence Turbine Tripped.	
MSPGCL	Chandrapur Unit 3	210	02/06/2016	11.36	02/06/2016	19.02	B.F.P.Problem.	
IPP	RPL(AMT) U-4	270	02/06/2016	12.10	02/06/2016	14.11	Zero Schedule	
IPP	RPL(AMT) U-3	270	03/06/2016	04.57	03/06/2016	06.45	PSM Bearing Temp.High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 03/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	01/06/2016	21.26	02/06/2016	09.24	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	02/06/2016	04.33	02/06/2016	06.46	HT	Over Voltage
Dabhol Nagothane II	InterState	02/06/2016	11.24	02/06/2016	13.58	T	Distance Protection
Koradi Bhilai	InterState	02/06/2016	15.23	02/06/2016	19.32	PO	Attending Hot Spot
Dhule Khandwa I	InterState	02/06/2016	16.46	02/06/2016	18.26	HT	To Take Line Reactor in Service @ Khandwa End.
Dhule Sar'Sarovar I	InterState	02/06/2016	19.46		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	03/06/2016	02.08		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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-I	IntraState	01/06/2016	16.38	02/06/2016	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/06/2016	17.13	02/06/2016	09.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/06/2016	17.15	02/06/2016	09.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/06/2016	07.08	02/06/2016	17.04	PO	String Replacement Work.
Jejuri- Koynastage-IV	IntraState	02/06/2016	15.59	03/06/2016	06.36	T	Distance Protection,Trial Failed @ 16.45 Hrs.(RFG @ 0519 Hrs on 3.6.16)
karad -kolhapur-II	IntraState	02/06/2016	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/06/2016	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/06/2016	18.48		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	02/06/2016	21.42		Continued.	T	Distance Protection
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 Dismanteling Of ICT-I
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	03/06/2016	05.15		Continued.	EO	To Attend Red Hot Spot.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
Mudshingi Chikodi	InterState	02/06/2016	12.07	02/06/2016	17.20	PO	Q.M. & Diagnostic Work.
Mahalakshmi Amona	InterState	02/06/2016	17.55		Continued.	T	Distance Protection
Tillari Amona	InterState	02/06/2016	17.55	02/06/2016	20.45	T	Distance Protection
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).
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableswhar- 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.
Bhugaon-Pusad	IntraState	02/06/2016	07.07	02/06/2016	16.51	PO	Stringing of OPGW & Fixing of

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 02/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 03/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Vibration Damper.
Pedambe-Pophali	IntraState	02/06/2016	08.10	02/06/2016	15.20	PO	Routine Maintenance Work
Taloja II - OCIL-I	IntraState	02/06/2016	09.25	02/06/2016	13.28	PO	B Ph LA Replacement Work.
512 Khadki- Century Enka	IntraState	02/06/2016	10.20	02/06/2016	12.52	PO	Half yearly maintenance work
Balapur-Akola I	IntraState	02/06/2016	12.55	02/06/2016	16.02	PO	Replacement of Insulator String.
Jejuri (400 Kv)- Baramati li	IntraState	02/06/2016	14.19	02/06/2016	19.18	PO	Outage.
Chandrapur GCR - Sicom II	IntraState	02/06/2016	15.17	02/06/2016	20.14	T	Distance Protection
Lamboti - Solapur li(Bale) Ckt- I	IntraState	02/06/2016	16.32	02/06/2016	16.59	T	Distance Protection
Karad(400kv) - Wathar	IntraState	02/06/2016	20.25		Continued.	T	Distance Protection
Kharepatan -Pawas Line	IntraState	02/06/2016	22.37		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)
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	02/06/2016	10.18	02/06/2016	12.03	PO	Attending Oil Leakage
220/132kv 100MVA ICT-II @ Alephata	IntraState	02/06/2016	11.25	02/06/2016	18.05	PO	Attending Oil Leakage

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