

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.122	2056.863	1) Gujrat	-0.908	-62.178
2) Hydro	2.941	64.885	2) Madhya Pradesh	10.349	157.491
3) Gas	10.023	129.485	3) Chattisgarh	7.560	113.050
Total MSPGCL	139.086	2251.233	4) Maharashtra Net	104.865	1757.873
B) 1) APML	11.951	201.009	5) Goa (Amona)	-0.618	-12.068
2) JSWEL	20.581	316.241	6) TAPS 1&2 Injection	3.569	57.069
3) VIPL	10.982	182.580	7) RGPPL Injection	11.588	181.878
4) RPL(AMT)	18.456	301.268	8) Pench (MS)	0.043	0.821
5) WPCL	4.358	59.273	9) Pench (Excess)	-0.043	-0.821
6) Other IPP	4.953	73.943	Total	136.362	2192.294
C) 1) TPCL Thermal	17.519	262.226	a) Mumbai Schedule	27.225	436.548
2) TPCL Hydro	3.008	45.446	b) Mumbai Drawl	34.424	560.839
3) TPCL Gas	3.583	51.035	c) MSEDCL Bilateral *	35.305	592.128
4) R-INFRA Thermal	12.205	182.243	Include PX	-2.648	17.824
D) STATE			d) Mumbai Bilateral *	27.225	436.548
1) Thermal	227.127	3635.646	Include PX	7.272	103.976
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.949	110.331	H) ENERGY CATERED (MUs)		
3) Gas	13.606	180.520	1) MSEDCL	354.942	5511.141
4) Wind	41.705	476.811	2) Mumbai Discoms	70.739	1101.785
6) SOLAR	0.932	17.328	TOTAL STATE	425.681	6612.926
TOTAL STATE	289.319	4420.636			

* 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	5041	5407	5101	5350
MSPGCL Hydro	119	173	300	54
MSPGCL Gas	413	407	417	411
MSPGCL Total Generation	5573	5987	5818	5815
Central Sector Receipt	6486	6213	5776	4878
WIND	1796	1864	1665	1486
CPP / IPP	2866	2944	2954	2909
SOLAR	120	82	0	0
Exchange with Mumbai	-1655	-1744	-1400	-932
MSEDCL DEMAND MET	15186	15346	14813	14156
Load Shedding	0	0	0	0
MSEDCL DEMAND	15186	15346	14813	14156
TPCL GENERATION	1250	1222	1079	883
R-INFRA GENERATION	501	498	512	514
MUMBAI DEMAND	3406	3464	2991	2329
STATE DEMAND MET	18592	18810	17804	16485
STATE DEMAND	18592	18810	17804	16485
Frequency (Hz)	49.97	49.99	49.80	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.04 Hrs	49.62 Hz at 20.20 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 16/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.46	52.90	150	130
Unit 6	0.00	0.00	0	0
Unit 7	3.67	59.97	170	130
Unit 8	9.91	189.34	600	317
Total	17.05	302.21		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.92	61.49	165	160
Unit 4	8.86	123.06	495	355
Unit 5	8.93	154.19	485	355
Total	21.72	380.88		
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	4.26	49.69	200	144
Unit 4	4.24	67.17	187	160
Unit 5	9.63	133.45	435	365
Unit 6	9.90	154.66	453	350
Unit 7	9.44	134.80	425	360
Unit 8	5.47	36.75	306	153
Total	42.94	576.52		
Paras				
Unit 3	5.72	87.77	251	213
Unit 4	4.76	88.40	257	0
Total	10.48	176.17		
Khaparkheda				
Unit 1	3.50	55.72	160	125
Unit 2	3.68	60.46	165	140
Unit 3	4.03	60.34	187	163
Unit 4	4.00	61.13	190	149
Unit 5	10.62	169.29	500	370
Total	25.84	406.95		
Nasik				
Unit 3	0.00	60.44	0	0
Unit 4	4.03	66.64	180	160
Unit 5	4.07	67.33	182	164
Total	8.10	194.41		
Uran				
All Units	10.02	129.48	441	399
Total	10.02	129.48		
PENCH (MS)				
Pench (MS)	0.04	0.82	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.82		
Koyna				
Stage 1-2	1.04	23.73	60	40
Stage 4	0.00	9.31	0	0
Stage 3	0.26	9.31	80	0
Total	1.30	42.35		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.97	80	0
RNGR+BHTSA	0.19	2.51	8	7
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.53	1	0
GHATGHAR	1.28	12.76	250	0
Total	1.64	22.53		
Wind				
Total	41.70	476.81	0	0
Total	41.70	476.81		
CPP				
APML(Mus)	11.95	201.01	0	0
JSWEL(Mus)	20.58	316.24	0	0
VIPL(Mus)	10.98	182.58	0	0
RPLAMT(Mus)	18.46	301.27	0	0
WPCL(Mus)	4.36	59.27	0	0
Other(Mus)	4.95	73.94	0	0
Total	71.28	1134.31		
SOLAR				
Total	0.93	17.33	0	0
Total	0.93	17.33		
Tata				
Trombay 5	11.59	170.87	487	442
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	31.01	115	79
Trombay 7B	1.38	20.02	65	53
Trombay 8	5.93	91.35	249	246
TATA Hydro	3.01	45.45	354	5
Total	24.11	358.71		
R-INFRA				
1-2	12.20	182.24	514	492
Total	12.20	182.24		

* 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	126.12	2056.86	MSPGCL Total	139.09	2251.23
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	136.14	2186.35	Koyna 1,2 & 4 Total	1.04	33.04
Parli 8	0.00	0.00	MSPGCL Hydro	2.94	64.88	State Total	289.32	4420.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5488	178	419	6085	1763	2911	0	5290	5585	-1515	14829	0	14829	2906	17735	49.95
2	5125	106	421	5652	1652	2910	0	5209	5538	-1267	14485	0	14485	2663	17148	49.97
3	4878	49	421	5348	1639	2913	0	5010	5623	-1110	14413	0	14413	2507	16920	49.99
4	4999	48	419	5466	1533	2905	0	4780	5510	-1003	14411	0	14411	2401	16812	50.00
5	5350	54	411	5815	1486	2909	0	4749	4878	-932	14156	0	14156	2329	16485	50.00
6	5350	53	421	5824	1481	2900	0	4828	5517	-956	14766	0	14766	2354	17120	50.03
7	5475	49	422	5946	1477	2943	6	5001	5735	-983	15124	0	15124	2319	17443	50.05
8	5533	68	419	6020	1636	3092	26	5081	5657	-1034	15397	0	15397	2406	17803	50.06
9	5500	49	441	5990	2003	3109	59	5387	5243	-1251	15153	0	15153	2626	17779	50.03
10	5188	57	434	5679	1916	2876	86	5739	6291	-1662	15186	0	15186	3091	18277	49.98
11	5086	129	404	5619	1773	2866	106	5845	6487	-1688	15163	0	15163	3315	18478	50.00
12	5041	119	413	5573	1796	2866	120	5932	6486	-1655	15186	0	15186	3406	18592	49.97
13	4948	54	423	5425	1623	2889	121	5811	6386	-1668	14776	0	14776	3403	18179	49.88
14	4910	58	399	5367	1793	2879	132	5634	6348	-1679	14840	0	14840	3350	18190	49.98
15	5065	154	405	5624	1760	2906	106	5810	6542	-1739	15199	0	15199	3444	18643	49.94
16	5407	173	407	5987	1864	2944	82	6000	6213	-1744	15346	0	15346	3464	18810	49.99
17	5384	74	414	5872	2065	2920	56	5359	5708	-1657	14964	0	14964	3418	18382	49.98
18	5380	48	411	5839	2046	3058	25	4816	4779	-1659	14088	0	14088	3282	17370	50.00
19	5214	54	415	5683	1983	3053	7	5008	4415	-1682	13459	0	13459	3098	16557	50.05
20	4979	94	431	5504	1818	2945	0	5399	5805	-1466	14606	0	14606	3013	17619	49.87
21	5101	300	417	5818	1665	2954	0	5582	5776	-1400	14813	0	14813	2991	17804	49.80
22	5434	378	419	6231	1694	3106	0	5034	5274	-1441	14864	0	14864	2907	17771	49.92
23	5602	367	420	6389	1616	3217	0	4906	5218	-1611	14829	0	14829	2996	17825	49.88
24	5685	228	417	6330	1623	3210	0	5522	5348	-1622	14889	0	14889	3050	17939	49.94
MUs	126.1 2	2.94	10.02	139.09	41.70	71.28	0.93	127.73	136.36	-34.42	354.94	0.00	354.94	70.74	425.68	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 16/Jun/2016

Position as on 6.30 Hrs of 17/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	
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	
RGPL	Dabhol 2A	230	12/06/2016	19.58		Continued.	Combustion Chamber problem	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	15/06/2016	10.00		Continued.	Boiler Validity Extension.	
MSPGCL	Paras Unit 4	250	16/06/2016	00.52	16/06/2016	03.50	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 17/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	14/06/2016	17.28		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/06/2016	00.51	17/06/2016	06.38	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Padghe - Kharghar	IntraState	12/06/2016	06.11	16/06/2016	21.05	T	Distance Protection
Ektuni-Bableshtar ckt I	IntraState	14/06/2016	10.10		Continued.	PO	Jumper Nut Bolts Tightening.(RFC @ 14.35 Hrs).
karad -kolhapur-I	IntraState	15/06/2016	16.25	16/06/2016	09.30	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/06/2016	16.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/06/2016	17.35	16/06/2016	08.34	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	16/06/2016	00.45	16/06/2016	03.56	EO	Emergency outage
Warora-Chandrapur-II ckt-2	IntraState	16/06/2016	08.24	16/06/2016	16.06	PO	Half yearly maintenance work
Karad - Lonikand 1	IntraState	16/06/2016	09.00		Continued.	PO	Bay and Line Maint.work (RFC at 15:10hrs)
karad -kolhapur-I	IntraState	16/06/2016	16.10		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/06/2016	17.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-III @ Kharghar	IntraState	16/06/2016	00.48	16/06/2016	04.06	HT	LV Side OFF.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	16/06/2016	09.24	16/06/2016	18.28	PO	Half yearly maintenance work
400/220KV 500MVA ICT-I @Nanded	IntraState	16/06/2016	11.41	16/06/2016	14.02	PO	Covering Bucholz and Prv with Palstic Paper.
400/220 KV 500MVA ICT II @ Nanded	IntraState	16/06/2016	14.05	16/06/2016	15.53	PO	Covering Bucholz and Prv with Plastic Paper.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	14/06/2016	12.18	16/06/2016	18.25	PO	Insulator 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).
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Shivajinagar - Satana	IntraState	15/06/2016	16.52		Continued.	T	Distance Protection
Chakan-Bhosari	IntraState	16/06/2016	13.09	16/06/2016	15.05	PO	Half yearly maintenance 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 commissioning)
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	05/06/2016	08.53		Continued.	PO	Oil Filtration and repl.of LV Bushing(charged and kept on Humming 19.41Hrs/13-6-16)

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