

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/May/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.880	3075.616	1) Gujrat	-1.592	-85.966
2) Hydro	12.776	237.394	2) Madhya Pradesh	12.712	304.659
3) Gas	9.134	245.637	3) Chattisgarh	7.730	156.620
Total MSPGCL	163.790	3558.647	4) Maharashtra Net	100.540	2392.005
B) 1) APML	13.645	722.186	5) Goa (Amona)	-1.082	-17.158
2) JSWEL	27.809	648.645	6) TAPS 1&2 Injection	3.516	51.474
3) VIPL	13.226	295.223	7) RGPPL Injection	11.652	278.131
4) RPL(AMT)	5.730	383.330	8) Pench (MS)	0.065	0.802
5) WPCL	2.658	68.986	9) Pench (Excess)	-0.065	-0.802
6) Other IPP	4.350	124.957	Total	133.411	3078.963
C) 1) TPCL Thermal	15.975	373.815	a) Mumbai Schedule	28.128	593.153
2) TPCL Hydro	3.832	66.141	b) Mumbai Drawl	35.163	746.947
3) TPCL Gas	4.449	95.169	c) MSEDCL Bilateral *	36.980	794.718
4) R-INFRA Thermal	10.918	265.064	Include PX	-0.123	-5.037
D) STATE			d) Mumbai Bilateral *	28.128	593.153
1) Thermal	236.191	5957.822	Include PX	3.822	64.095
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.608	303.535	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	13.583	340.806	1) MSEDCL	368.579	8651.225
4) Wind	37.754	485.307	2) Mumbai Discoms	70.337	1547.106
6) SOLAR	1.369	31.928	TOTAL STATE	438.916	10198.331
TOTAL STATE	305.505	7119.398			

* 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	6025	5908	5696	5962
MSPGCL Hydro	840	1539	1038	78
MSPGCL Gas	418	416	266	429
MSPGCL Total Generation	7283	7863	7000	6469
Central Sector Receipt	6151	5970	5173	4910
WIND	1082	1308	1964	1630
CPP / IPP	2825	2884	2888	2641
SOLAR	176	132	0	0
Exchange with Mumbai	-1649	-1628	-1453	-1172
MSEDCL DEMAND MET	15868	16529	15572	14478
Load Shedding	0	0	0	0
MSEDCL DEMAND	15868	16529	15572	14478
TPCL GENERATION	1350	1368	1047	698
R-INFRA GENERATION	403	491	512	401
MUMBAI DEMAND	3402	3487	3012	2271
STATE DEMAND MET	19270	20016	18584	16749
STATE DEMAND	19270	20016	18584	16749
Frequency (Hz)	49.97	49.88	49.83	50.12

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 04.00 Hrs	49.68 Hz at 21.08 Hrs	49.96	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 24/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	22.34	5	0
Unit 6	0.00	0.00	0	0
Unit 7	3.84	39.80	170	150
Unit 8	6.62	237.11	590	0
Total	10.47	299.25		
Bhusawal				
Unit 2	2.52	45.84	130	0
Unit 3	3.94	94.39	170	160
Unit 4	10.47	243.68	500	350
Unit 5	10.52	240.83	510	350
Total	27.46	624.74		
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	4.51	103.73	198	177
Unit 4	4.43	102.74	188	182
Unit 5	10.49	186.35	455	420
Unit 6	10.66	244.44	455	420
Unit 7	10.54	180.84	455	422
Total	40.63	818.11		
Paras				
Unit 3	5.81	113.74	257	226
Unit 4	6.04	133.58	260	238
Total	11.86	247.32		
Khaparkheda				
Unit 1	3.74	84.74	170	135
Unit 2	3.60	89.81	165	130
Unit 3	4.29	96.82	192	160
Unit 4	3.97	85.25	180	150
Unit 5	11.82	236.20	503	457
Total	27.42	592.82		
Nasik				
Unit 3	4.20	100.45	195	165
Unit 4	4.19	92.89	199	160
Unit 5	4.15	100.42	190	164
Total	12.55	293.76		
Uran				
All Units	9.13	245.64	438	258
Total	9.13	245.64		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.80	24	0
Total	0.06	0.80		
Koyna				
Stage 1-2	4.62	77.79	500	40
Stage 4	2.91	68.16	667	0
Stage 3	2.10	33.53	160	0
Total	9.62	179.48		
Hydro				
KDPH	0.48	12.05	20	20
VTRNA	0.00	0.29	0	0
TILLARI	0.45	7.70	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.74	80	0
RNGR+BHTSA	0.22	3.93	10	9
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	4.08	4	3
GHATGHAR	1.82	22.96	240	0
Total	3.15	57.91		
Wind				
Total	37.75	485.31	0	0
Total	37.75	485.31		
CPP				
APML(Mus)	13.64	722.19	0	0
JSWEL(Mus)	27.81	648.64	0	0
VIPL(Mus)	13.23	295.22	0	0
RPLAMT(Mus)	5.73	383.33	0	0
WPCL(Mus)	2.66	68.99	0	0
Other(Mus)	4.35	124.96	0	0
Total	67.42	2243.33		
SOLAR				
Total	1.37	31.93	0	0
Total	1.37	31.93		
Tata				
Trombay 5	10.41	236.80	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	61.01	123	114
Trombay 7B	1.60	34.16	68	65
Trombay 8	5.56	137.02	249	201
TATA Hydro	3.83	66.14	443	0
Total	24.26	535.12		
R-INFRA				
1-2	10.92	265.06	513	401
Total	10.92	265.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	1.33	1.82	MSPGCL Thermal	141.88	3075.62	MSPGCL Total	163.79	3558.65
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	151.01	3321.25	Koyna 1,2 & 4 Total	7.52	145.95
Koradi 9	10.17	195.88	MSPGCL Hydro	12.78	237.39	State Total	305.50	7119.40
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 24/May/2016

Annexure-2

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	6315	116	427	6858	1885	2747	0	5226	5046	-1421	15115	0	15115	2845	17960	50.07
2	6172	78	418	6668	1879	2828	0	4979	5147	-1372	15150	0	15150	2613	17763	50.01
3	6010	72	417	6499	1816	2682	0	4739	4983	-1340	14640	0	14640	2440	17080	50.05
4	5981	78	438	6497	1723	2649	0	4601	5187	-1252	14804	0	14804	2348	17152	50.09
5	5962	78	429	6469	1630	2641	0	4798	4910	-1172	14478	0	14478	2271	16749	50.12
6	6086	78	416	6580	1433	2658	0	4899	5420	-1162	14929	0	14929	2262	17191	50.02
7	6277	73	438	6788	1446	2749	4	4971	5447	-1120	15314	0	15314	2222	17536	50.03
8	6367	78	427	6872	1491	2828	31	5088	5601	-1202	15621	0	15621	2305	17926	50.04
9	6240	101	429	6770	1621	2829	74	5495	5806	-1518	15582	0	15582	2638	18220	50.00
10	6112	257	431	6800	1378	2838	129	5662	6298	-1574	15869	0	15869	2994	18863	49.91
11	6169	758	411	7338	1115	2827	147	5708	6124	-1645	15906	0	15906	3308	19214	49.93
12	6025	840	418	7283	1082	2825	176	5784	6151	-1649	15868	0	15868	3402	19270	49.97
13	5651	1083	401	7135	968	2856	206	5916	6529	-1722	15972	0	15972	3461	19433	49.94
14	5780	1053	402	7235	972	2892	167	5824	6228	-1605	15889	0	15889	3389	19278	49.92
15	5757	1333	412	7502	1128	2894	158	5757	5993	-1624	16051	0	16051	3476	19527	49.86
16	5908	1539	416	7863	1308	2884	132	5961	5970	-1628	16529	0	16529	3487	20016	49.88
17	5847	986	411	7244	1598	2885	87	5729	5708	-1623	15899	0	15899	3476	19375	49.94
18	5502	459	370	6331	1828	2866	47	5253	5360	-1546	14886	0	14886	3283	18169	49.98
19	5234	297	273	5804	1978	2810	10	5149	5001	-1506	14097	0	14097	3104	17201	49.96
20	5427	865	265	6557	1566	2787	0	5246	5667	-1461	15116	0	15116	3069	18185	49.79
21	5696	1038	266	7000	1964	2888	0	5220	5173	-1453	15572	0	15572	3012	18584	49.83
22	5818	427	280	6525	2008	2864	0	5049	5132	-1449	15080	0	15080	2948	18028	49.84
23	5846	427	281	6554	2028	2840	0	5111	5186	-1533	15075	0	15075	2968	18043	49.85
24	5698	662	258	6618	1909	2850	0	5076	5357	-1586	15148	0	15148	3016	18164	49.90
MUs	141.88	12.78	9.13	163.79	37.75	67.42	1.37	127.24	133.42	-35.16	368.59	0.00	368.59	70.34	438.93	49.96

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 24/May/2016

Position as on 6.30 Hrs of 25/May/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.	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	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
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.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
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	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
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	Adani U-2	660	15/05/2016	00.58	25/05/2016	05.35	Water Shortage	
MSPGCL	Bhusawal Unit 2	210	20/05/2016	00.05	24/05/2016	02.18	Boiler Tube Leakage & zero schedule 22.05.2016 continue	
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		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/May/2016

Position as on 6.30 Hrs of 25/May/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	22/05/2016	18.05		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	23/05/2016	11.31	24/05/2016	08.21	Reheater Prot.operated	
IPP	RPL(AMT) U-1	270	24/05/2016	00.00		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Koradi Unit 5	200	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Koradi Unit-8	660	24/05/2016	11.54	24/05/2016	14.50	Boiler Feed Pump Tripped Negative Squence Protection Operated.	
MSPGCL	Chandrapur Unit-8	500	24/05/2016	16.48	24/05/2016	21.15	Low Vaccum	
MSPGCL	Koradi Unit-8	660	24/05/2016	16.53		Continued.	Riverse Power Protection.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2016

Statement-VII

Position as on 6.30 Hrs of 25/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	24/05/2016	07.02	24/05/2016	09.23	PO	Reduce Voltage.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	22/05/2016	16.32	24/05/2016	06.43	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	23/05/2016	18.01	24/05/2016	07.01	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/05/2016	17.42	25/05/2016	06.43	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/05/2016	17.54		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorientation.
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
karad -kolhapur-I	IntraState	23/05/2016	16.07	24/05/2016	08.42	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/05/2016	16.43	24/05/2016	08.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/05/2016	17.07	24/05/2016	06.32	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	24/05/2016	09.35	24/05/2016	19.33	PO	Premansoon Maintenance Work.
karad -kolhapur-II	IntraState	24/05/2016	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2016	17.05		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	24/05/2016	17.43	24/05/2016	18.59	T	Distance Protection
Bhusawal-Aurangabad	IntraState	24/05/2016	19.12		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	24/05/2016	20.00		Continued.	PO	On TBC To Attend Damage Conductor Problem.
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 500 MVA ICT-III @Kalwa	IntraState	24/05/2016	19.42		Continued.	PO	Shifted from B Bus to A Bus to Attend Damage Conductor Problem on B Bus.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
Khaparkheda-Butibori 3	InterState	24/05/2016	08.19	24/05/2016	12.31	PO	Attending B Ph CVT Oil Leakage.
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
Taloja II - OCIL-I	IntraState	24/05/2016	07.22	24/05/2016	18.35	PO	Annual Maintenance Work
220kv Halkarni- Tillary	IntraState	24/05/2016	11.03	24/05/2016	12.05	PO	Attending Hot Spot
Nasik - Raymond	IntraState	24/05/2016	12.54	24/05/2016	17.49	PO	Faulty Insulator Replacement 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)
220/132kv 150MVA ICT-II @ Satana	IntraState	20/05/2016	15.40	24/05/2016	18.40	PO	R-PH Bushing Replacement work.

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 24/May/2016

Statement-VII

Position as on 6.30 Hrs of 25/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT I @Apta	IntraState	24/05/2016	14.35	24/05/2016	15.15	PO	Premansoon Maintenance Work.
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	24/05/2016	15.18	24/05/2016	16.20	PO	Premansoon Maintenance Work.