

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/May/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.945	3476.455	1) Gujrat	-1.553	-87.881
2) Hydro	12.105	267.107	2) Madhya Pradesh	14.724	346.143
3) Gas	6.777	265.489	3) Chattisgarh	8.430	181.630
Total MSPGCL	146.827	4009.051	4) Maharashtra Net	105.108	2697.015
B) 1) APLM	13.877	772.177	5) Goa (Amona)	-0.966	-20.260
2) JSWEL	27.566	730.564	6) TAPS 1&2 Injection	3.540	62.121
3) VIPL	13.184	332.451	7) RGPPL Injection	11.669	313.081
4) RPL(AMT)	5.917	400.348	8) Pench (MS)	0.069	0.955
5) WPCL	2.625	76.898	9) Pench (Excess)	-0.069	-0.955
6) Other IPP	5.137	140.548	Total	140.883	3490.894
C) 1) TPCL Thermal	17.588	426.854	a) Mumbai Schedule	28.774	677.833
2) TPCL Hydro	3.614	77.271	b) Mumbai Drawl	34.319	847.054
3) TPCL Gas	3.243	106.945	c) MSEDCL Bilateral *	44.724	917.016
4) R-INFRA Thermal	12.296	301.779	Include PX	-0.056	-5.255
D) STATE			d) Mumbai Bilateral *	28.774	677.833
1) Thermal	226.135	6658.074	Include PX	4.515	77.414
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	15.719	344.378	H) ENERGY CATERED (MUs)		
3) Gas	10.020	372.434	1) MSEDCL	354.830	9736.544
4) Wind	31.761	594.707	2) Mumbai Discoms	71.060	1759.873
6) SOLAR	1.372	35.960	TOTAL STATE	425.890	11496.417
TOTAL STATE	285.007	8005.553			

* 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 5 Hrs
MSPGCL Thermal	5454	5221	5246	5594
MSPGCL Hydro	763	1079	360	157
MSPGCL Gas	271	266	279	272
MSPGCL Total Generation	6488	6566	5885	6023
Central Sector Receipt	6193	6182	6358	5081
WIND	946	1212	1647	1188
CPP / IPP	2932	2909	2658	2930
SOLAR	159	96	0	0
Exchange with Mumbai	-1634	-1745	-1601	-913
MSEDCL DEMAND MET	15084	15220	14947	14309
Load Shedding	0	0	0	0
MSEDCL DEMAND	15084	15220	14947	14309
TPCL GENERATION	1189	1284	917	891
R-INFRA GENERATION	507	508	512	514
MUMBAI DEMAND	3330	3537	3030	2318
STATE DEMAND MET	18414	18757	17977	16627
STATE DEMAND	18414	18757	17977	16627
Frequency (Hz)	49.91	49.92	49.90	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.34 Hrs	49.66 Hz at 14.23 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 27/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	22.34	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.72	50.90	160	145
Unit 8	10.77	262.47	620	329
Total	14.49	335.71		
Bhusawal				
Unit 2	3.28	55.61	140	135
Unit 3	3.95	106.28	170	155
Unit 4	10.84	274.47	500	350
Unit 5	10.96	271.85	500	350
Total	29.02	708.21		
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	4.43	117.02	196	165
Unit 4	4.36	115.69	188	160
Unit 5	10.33	217.45	460	365
Unit 6	0.00	262.18	0	0
Unit 7	10.32	211.25	455	360
Total	29.43	923.58		
Paras				
Unit 3	0.00	123.64	0	0
Unit 4	6.10	150.79	260	250
Total	6.10	274.43		
Khaparkheda				
Unit 1	3.60	94.71	165	120
Unit 2	3.86	101.32	170	150
Unit 3	4.53	109.73	195	165
Unit 4	4.22	97.90	192	162
Unit 5	12.05	271.23	510	500
Total	28.24	674.89		
Nasik				
Unit 3	4.24	113.44	200	165
Unit 4	4.25	106.09	203	160
Unit 5	1.84	110.80	167	0
Total	10.33	330.34		
Uran				
All Units	6.78	265.49	405	262
Total	6.78	265.49		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	0.96	20	0
Total	0.07	0.96		
Koyna				
Stage 1-2	2.22	87.47	330	40
Stage 4	5.30	77.22	713	0
Stage 3	2.18	37.82	160	0
Total	9.69	202.51		
Hydro				
KDPH	0.47	13.48	20	19
VTRNA	0.00	0.29	0	0
TILLARI	0.36	9.20	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	4.30	80	0
RNGR+BHTSA	0.22	4.58	9	8
BHANDARDRA	0.00	3.17	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	4.45	4	3
GHATGHAR	1.08	25.14	250	0
Total	2.41	64.60		
Wind				
Total	31.76	594.71	0	0
Total	31.76	594.71		
CPP				
APML(Mus)	13.88	772.18	0	0
JSWEL(Mus)	27.57	730.56	0	0
VIPL(Mus)	13.18	332.45	0	0
RPLAMT(Mus)	5.92	400.35	0	0
WPCL(Mus)	2.62	76.90	0	0
Other(Mus)	5.14	140.55	0	0
Total	68.31	2452.99		
SOLAR				
Total	1.37	35.96	0	0
Total	1.37	35.96		
Tata				
Trombay 5	11.69	272.11	496	459
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.93	68.36	94	74
Trombay 7B	1.31	38.58	59	52
Trombay 8	5.90	154.74	248	244
TATA Hydro	3.61	77.27	432	8
Total	24.44	611.07		
R-INFRA				
1-2	12.30	301.78	515	506
Total	12.30	301.78		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 8	0.00	2.09
Chandrapur 9	0.00	1.92
Koradi 9	10.33	225.28
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.94	3476.46
MSPGCL Thml+Gas	134.72	3741.94
MSPGCL Hydro	12.10	267.11

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	146.83	4009.05
Koyna 1,2 & 4 Total	7.51	164.69
State Total	285.01	8005.55

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/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 SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5648	530	271	6449	1583	2858	0	5723	5533	-1465	14958	0	14958	2879	17837	49.85
2	5610	232	281	6123	1580	2923	0	5413	5507	-1265	14868	0	14868	2671	17539	49.95
3	5541	232	281	6054	1503	2924	0	5259	5280	-1133	14628	0	14628	2504	17132	49.94
4	5638	202	281	6121	1343	2935	0	5214	5236	-982	14653	0	14653	2383	17036	49.93
5	5594	157	272	6023	1188	2930	0	5211	5081	-913	14309	0	14309	2318	16627	49.94
6	5502	355	282	6139	1122	2926	0	5266	5532	-910	14809	0	14809	2317	17126	49.93
7	5582	653	271	6506	1077	2931	6	5353	5432	-851	15101	0	15101	2255	17356	49.97
8	5592	702	283	6577	1043	2932	41	5462	5084	-959	14718	0	14718	2349	17067	49.97
9	5553	522	274	6349	1156	2926	96	5714	5600	-1373	14754	0	14754	2779	17533	49.93
10	5478	402	264	6144	1105	2935	126	5978	6303	-1515	15098	0	15098	3040	18138	49.97
11	5454	763	271	6488	946	2932	159	6173	6193	-1634	15084	0	15084	3330	18414	49.91
12	5266	595	267	6128	911	2904	181	6258	6260	-1722	14662	0	14662	3453	18115	49.94
13	4857	721	262	5840	875	2851	186	6063	6832	-1674	14910	0	14910	3478	18388	49.90
14	5262	1072	272	6606	902	2903	172	5923	5938	-1617	14904	0	14904	3351	18255	49.93
15	5280	1035	268	6583	1054	2917	161	6007	5866	-1688	14893	0	14893	3481	18374	49.85
16	5221	1079	266	6566	1212	2909	96	6092	6182	-1745	15220	0	15220	3537	18757	49.92
17	5148	1008	276	6432	1655	2902	111	5780	5857	-1745	15212	0	15212	3481	18693	49.91
18	4865	227	272	5364	1608	2828	32	5539	5845	-1706	13971	0	13971	3355	17326	49.96
19	4685	228	266	5179	1743	2677	5	5395	5653	-1559	13698	0	13698	3125	16823	49.98
20	4955	514	271	5740	1662	2665	0	5906	6303	-1513	14857	0	14857	3072	17929	49.91
21	5246	360	279	5885	1647	2658	0	5887	6358	-1601	14947	0	14947	3030	17977	49.90
22	5309	232	294	5835	1528	2644	0	5899	6142	-1554	14595	0	14595	2933	17528	49.91
23	5312	213	348	5873	1604	2641	0	5934	6513	-1575	15056	0	15056	2945	18001	49.92
24	5347	71	405	5823	1714	2667	0	5928	6353	-1620	14937	0	14937	2994	17931	49.93
MUs	127.95	12.10	6.78	146.83	31.76	68.32	1.37	137.38	140.88	-34.32	354.84	0.00	354.84	71.06	425.90	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 27/May/2016

Position as on 6.30 Hrs of 28/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.	Annual Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	
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.	
RGPPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPPL	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		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	21/05/2016	18.10		Continued.	Zero Schedule	
MSPGCL	Uran Unit 5	108	22/05/2016	18.05	27/05/2016	21.00	Gas shortage	
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	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/May/2016

Position as on 6.30 Hrs of 28/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Paras Unit 3	250	26/05/2016	17.12		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	26/05/2016	22.00		Continued.	Clinker Formation.	
MSPGCL	Koyna Unit 1	75	27/05/2016	06.20	27/05/2016	20.50	Main Bus Section-I outage at Pophali	
MSPGCL	Koyna Unit 2	75	27/05/2016	06.30	27/05/2016	18.50	Main Bus Section-I outage at Pophali	
MSPGCL	Koyna Unit 3	75	27/05/2016	06.40	27/05/2016	18.45	Main Bus Section-I outage at Pophali	
MSPGCL	Koyna Unit 4	75	27/05/2016	06.50	27/05/2016	18.35	Main Bus Section-I outage at Pophali	
MSPGCL	Nasik Unit 5	210	27/05/2016	11.30		Continued.	Hydrogen Gas Leakage	
MSPGCL	Khaparkheda Unit 5	500	28/05/2016	00.36		Continued.	Exciator Field failure	
MSPGCL	Uran Unit 5	108	28/05/2016	03.05		Continued.	Damper Discrepancy	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/May/2016

Statement-VII

Position as on 6.30 Hrs of 28/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	28/05/2016	03.52	28/05/2016	05.39	T	Distance Protection
Chandrapur - Padghe Hvdc Pole 2	IntraState	28/05/2016	06.01		Continued.	T	Distance Protection
400 KV LINE Outages/Trippings							
Dabhol Nagothane I	InterState	25/05/2016	13.16	27/05/2016	09.42	EO	Insulator String Replacement Work (RFG @ 19.59 Hrs).
Dhule Sar'Sarovar I	InterState	25/05/2016	17.33	27/05/2016	09.37	HT	Over Voltage
Karad Solapur (PG)	InterState	27/05/2016	10.18		Continued.	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	27/05/2016	18.05		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
karad -kolhapur-II	IntraState	26/05/2016	16.25	27/05/2016	08.58	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/05/2016	16.46	27/05/2016	09.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/05/2016	17.09	27/05/2016	08.45	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/05/2016	08.34	27/05/2016	19.52	PO	Damaged spacer replacement
Girwali- Lonikand 2	IntraState	27/05/2016	08.44	27/05/2016	15.49	PO	Line Maintenance work
Akola - Bhusawal	IntraState	27/05/2016	09.26	27/05/2016	19.19	PO	Fixing of Spacers cum vibration damper
Padghe - Nagothane - II	IntraState	27/05/2016	10.29	27/05/2016	21.20	EO	To attend Hot Spot
Warora-Adani(Tiroda)1	IntraState	27/05/2016	11.46	27/05/2016	22.31	PO	Testing Work
Nagothane - Dabhol-II	IntraState	27/05/2016	13.35	27/05/2016	13.54	T	Tripped from Dabhol end
karad -kolhapur-I	IntraState	27/05/2016	16.09		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/05/2016	17.02		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/05/2016	20.23		Continued.	HT	Over Voltage
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 Dismantling Of ICT-I
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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
Pophali - Kdph	IntraState	27/05/2016	06.25	27/05/2016	20.15	PO	Line Maintenance work
Pophli Pedhmbe Line- 1	IntraState	27/05/2016	06.35	27/05/2016	18.10	PO	Line Maintenance work
Kandalgaon - Koyna	IntraState	27/05/2016	06.40	27/05/2016	18.35	PO	Line Maintenance work
Badnera-Akola li	IntraState	27/05/2016	07.09	27/05/2016	18.54	PO	Repl.of Disc Insuator String
Main Bus Section-I @ Pophali	IntraState	27/05/2016	07.20	27/05/2016	18.30	PO	Annual Maintenance Work
220KV Sawangi- Bhokardan	IntraState	27/05/2016	09.14	27/05/2016	18.38	PO	Rectification of damaged conductor

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 27/May/2016

Statement-VII

Position as on 6.30 Hrs of 28/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Jambhul 1	IntraState	27/05/2016	09.15	27/05/2016	12.53	PO	To attend Hot Spot
sawangi-Phulambri	IntraState	27/05/2016	09.15	27/05/2016	18.40	PO	Rectification of damaged conductor
Osmanabad - Solapur (Bale)	IntraState	27/05/2016	09.51	27/05/2016	18.47	PO	Midspace Conductor Joint work
Jambhul - Pal	IntraState	27/05/2016	13.35	27/05/2016	16.05	PO	Annual 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 200 MVA ICT-I @Malegaon	IntraState	27/05/2016	10.05	27/05/2016	20.10	PO	Quarterly Maintenance Work

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