

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/May/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.981	3276.530	1) Gujrat	-0.198	-25.511
2) Hydro	28.052	582.634	2) Madhya Pradesh	14.195	356.407
3) Gas	6.469	176.776	3) Chattisgarh	5.720	169.570
Total MSPGCL	159.502	4035.940	4) Maharashtra Net	97.483	2665.197
B) 1) APML	57.770	1461.970	5) Goa	-7.928	-198.755
2) JSWEL	17.936	531.300	6) TAPS 1&2 Injection	3.221	88.776
3) VIPL	10.637	291.230	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.200	138.680	8) Pench (MS)	0.226	2.799
5) WPCL	8.932	222.145	9) Pench (Excess)	-0.226	-2.436
6) Other IPP	5.384	152.367	Total	112.267	3053.248
C) 1) TPCL Thermal	16.654	443.322	a) Mumbai Schedule	26.432	692.095
2) TPCL Hydro	3.582	94.095	b) Mumbai Drawl	31.900	794.259
3) TPCL Gas	2.584	83.329	c) MSEDCL Bilateral *	31.335	827.389
4) R-INFRA Thermal	11.745	311.913	Include PX	-0.214	0.716
D) STATE			d) Mumbai Bilateral *	26.432	690.095
1) Thermal	259.239	6829.457	Include PX	0.984	62.324
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro	31.634	676.729	H) ENERGY CATERED (MUs)		
3) Gas	9.053	260.105	1) MSEDCL	373.106	9594.613
4) Wind	26.090	466.622	2) Mumbai Discoms	66.466	1726.915
6) SOLAR	1.288	32.934	TOTAL STATE	439.572	11321.528
TOTAL STATE	327.304	8265.847			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5570	5450	5001	4942
MSPGCL Hydro	1895	1725	715	1176
MSPGCL Gas	272	254	273	280
MSPGCL Total Generation	7737	7429	5989	6398
Central Sector Receipt	5119	5110	4667	4450
WIND	629	1179	1602	910
CPP / IPP	4676	4685	4090	4202
SOLAR	151	113	0	0
Exchange with Mumbai	-1423	-1538	-1419	-1134
MSEDCL DEMAND MET	16889	16978	14929	14826
Load Shedding	99	49	52	53
MSEDCL DEMAND	16988	17027	14981	14879
TPCL GENERATION	1172	1240	1009	627
R-INFRA GENERATION	508	509	518	381
MUMBAI DEMAND	3103	3287	2946	2142
STATE DEMAND MET	19992	20265	17875	16968
STATE DEMAND	20091	20314	17927	17021
Frequency (Hz)	49.88	49.85	49.88	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.55 Hrs	49.53 Hz at 19.41 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/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.48	90.04	160	135
Unit 6	0.00	0.00	0	0
Unit 7	0.49	96.81	155	0
Total	3.97	186.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.86	272.44	480	370
Unit 5	9.76	239.75	500	345
Total	19.63	512.19		
Parli				
Unit 3	3.58	45.64	155	140
Unit 4	0.00	0.00	0	0
Unit 5	0.00	71.37	0	0
Unit 6	5.34	138.22	250	190
Unit 7	5.32	124.16	245	198
Total	14.24	379.38		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.30	75.79	146	129
Unit 3	4.31	106.72	203	153
Unit 4	4.22	98.79	199	158
Unit 5	9.64	166.49	430	380
Unit 6	9.35	221.08	410	370
Unit 7	8.90	248.43	415	315
Total	39.72	917.30		
Paras				
Unit 3	2.52	134.45	234	0
Unit 4	5.42	142.92	250	191
Total	7.95	277.36		
Khaparkheda				
Unit 1	3.88	109.30	185	140
Unit 2	3.78	97.32	175	120
Unit 3	4.11	97.99	193	162
Unit 4	3.84	110.37	177	142
Unit 5	10.10	248.06	501	360
Total	25.71	663.03		
Nasik				
Unit 3	4.68	117.84	210	185
Unit 4	4.63	117.09	204	184
Unit 5	4.46	105.48	195	172
Total	13.77	340.40		
Uran				
All Units	6.47	176.78	280	242
Total	6.47	176.78		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.23	2.80	50	0
Total	0.23	2.80		
Koyna				
Stage 1-2	5.19	145.12	485	40
Stage 4	14.72	251.85	840	0
Stage 3	4.87	87.11	320	0
Total	24.78	484.08		
Hydro				
KDPH	0.48	12.28	30	15
VTRNA	0.88	21.19	61	0
TILLARI	0.25	7.78	64	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.14	4.73	80	0
RNGR+BHTSA	0.00	5.22	0	0
BHANDARDRA	0.23	6.32	34	0
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.56	18.85	31	20
GHATGHAR	0.74	18.36	120	0
Total	3.27	98.56		
Wind				
Total	26.09	466.62	0	0
Total	26.09	466.62		
CPP				
APML(Mus)	57.77	1461.97	0	0
JSWEL(Mus)	17.94	531.30	0	0
VIPL(Mus)	10.64	291.23	0	0
RPLAMT(Mus)	5.20	138.68	0	0
WPCL(Mus)	8.93	222.14	0	0
Other(Mus)	5.38	152.33	0	0
Total	105.86	2797.65		
SOLAR				
Total	1.29	32.93	0	0
Total	1.29	32.93		
Tata				
Trombay 5	10.98	286.76	499	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	49.51	60	59
Trombay 7B	1.15	33.82	49	47
Trombay 8	5.68	156.56	249	198
TATA Hydro	3.58	94.10	395	0
Total	22.82	620.75		
R-INFRA				
1-2	11.74	311.91	519	381
Total	11.74	311.91		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.98	3276.53
MSPGCL Thml+Gas	131.45	3453.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	28.05	582.63
MSPGCL Total	159.50	4035.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	19.91	396.97
State Total	327.30	8265.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/May/2015

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	4994	1535	278	6807	1003	4210	0	4346	5099	-1303	15816	76	15892	2692	18584	49.92
2	5020	1530	278	6828	1008	4322	0	4236	4531	-1105	15584	53	15637	2477	18114	49.94
3	5051	1265	278	6594	959	4305	0	4112	4246	-965	15139	53	15192	2339	17531	49.96
4	4955	1107	278	6340	967	4270	0	4054	4554	-1044	15087	53	15140	2204	17344	49.96
5	4942	1176	280	6398	910	4202	0	4184	4450	-1134	14826	53	14879	2142	17021	49.95
6	5017	1221	280	6518	863	4218	0	4296	4643	-1122	15120	57	15177	2127	17304	49.96
7	5202	1175	278	6655	850	4211	7	4316	4662	-1098	15287	58	15345	2100	17445	49.98
8	5225	1242	278	6745	722	4307	36	4517	4804	-1185	15429	80	15509	2206	17715	49.96
9	5303	1169	271	6743	660	4473	84	4854	4782	-1233	15509	91	15600	2477	18077	49.95
10	5466	1513	272	7251	567	4564	125	4955	5012	-1369	16150	101	16251	2938	19189	49.91
11	5570	1895	272	7737	629	4676	151	4756	5119	-1423	16889	99	16988	3103	20091	49.88
12	5564	1850	263	7677	708	4636	164	4868	4965	-1494	16656	101	16757	3230	19987	49.93
13	5317	1638	249	7204	835	4609	185	5001	5369	-1536	16666	69	16735	3284	20019	49.88
14	5299	1538	242	7079	964	4553	150	4993	5220	-1519	16447	53	16500	3202	19702	49.90
15	5410	1518	251	7179	997	4634	157	4832	5123	-1527	16563	49	16612	3282	19894	49.79
16	5450	1725	254	7429	1179	4685	113	4807	5110	-1538	16978	49	17027	3287	20314	49.85
17	5167	1314	272	6753	1593	4634	78	4677	4646	-1568	16136	49	16185	3253	19438	49.91
18	5008	460	273	5741	1871	4350	35	4357	4198	-1538	14657	49	14706	3118	17824	49.98
19	4944	210	273	5427	1708	4173	3	3790	3703	-1430	13584	49	13633	2923	16556	50.03
20	5001	715	273	5989	1602	4090	0	4429	4667	-1419	14929	52	14981	2946	17927	49.88
21	5197	550	272	6019	1615	4352	0	4452	4313	-1327	14972	52	15024	2824	17848	49.92
22	5215	217	271	5703	1498	4188	0	4457	4490	-1300	14579	52	14631	2759	17390	49.98
23	5274	449	261	5984	1357	4621	0	4243	4505	-1325	15142	52	15194	2756	17950	49.91
24	5390	1040	272	6702	1025	4576	0	4147	4057	-1398	14962	52	15014	2796	17810	49.93
MUs	124.98	28.05	6.47	159.50	26.09	105.86	1.29	107.68	112.27	-31.90	373.11	1.50	374.61	66.46	441.07	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/2015

Position as on 6.30 Hrs of 28/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl requirement	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Parli Unit 5	210	23/05/2015	20.34		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	27/05/2015	03.20		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	27/05/2015	12.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/May/2015

Statement-VII

Position as on 6.30 Hrs of 28/May/2015

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							
Wardha PG -Aurangabad PG III	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	26/05/2015	17.16	27/05/2015	08.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/05/2015	18.14		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	27/05/2015	18.14	28/05/2015	06.31	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Padghe - Kalwa- I	IntraState	26/05/2015	06.260	26/05/2015	Continued.	PO	Transfer A to B bus through TBC.
Nagothane - Dabhol-II	IntraState	26/05/2015	07.33	27/05/2015	10.34	PO	Bay Maint Work.
Bhusawal-Aurangabad	IntraState	26/05/2015	18.25	27/05/2015	08.21	HT	Over Voltage
karad -kolhapur-II	IntraState	26/05/2015	18.31	27/05/2015	06.37	HT	Over Voltage
Padghe - Nagothane - II	IntraState	27/05/2015	12.59	27/05/2015	15.03	PO	Attending Hot Spot
Jaigad-Karad Ckt-I	IntraState	27/05/2015	14.05		Continued.	PO	insulator cold washing work
karad -kolhapur-II	IntraState	27/05/2015	17.10	28/05/2015	06.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/05/2015	17.46	28/05/2015	00.30	HT	Over Voltage
Padghe - Kalwa-II	IntraState	28/05/2015	00.17	28/05/2015	05.43	PO	Attending Hot Spot at y phase wave trape
400 KV ICT Outages/Trippings							
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	27/05/2015	10.45	27/05/2015	16.03	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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 deenergising 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 deenergising the line bet.86 to 107.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Nashik-Padgha	IntraState	24/05/2015	07.35		Continued.	PO	A/R Out.
Taloja li - Ocil 2	IntraState	26/05/2015	07.35		Continued.	PO	P.M.Work.
Lonand-Baramati	IntraState	26/05/2015	16.40	27/05/2015	01.55	PO	New CR Panel Commissioning work.
Vita - Mhaishal	IntraState	27/05/2015	14.13	27/05/2015	20.10	T	Replacement of Line insulator
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.

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