

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.086	2513.588	1) Gujrat	9.840	253.946
2) Hydro	6.178	195.526	2) Madhya Pradesh	11.255	326.168
3) Gas	6.223	170.238	3) Chattisgarh	5.130	128.690
Total MSPGCL	114.487	2879.352	4) Maharashtra Net	99.131	2323.503
B) 1) APMIL	53.370	1307.459	5) Goa	-6.801	-166.801
2) JSWEL	27.405	713.054	6) TAPS 1&2 Injection	2.498	70.337
3) VIPL	10.620	226.756	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.580	457.665	8) Pench (MS)	0.500	12.034
5) WPCL	3.827	94.425	9) Pench (Excess)	-0.500	-10.988
6) Other IPP	2.299	58.053	Total	120.553	2924.855
C) 1) TPCL Thermal	17.379	437.714	a) Mumbai Schedule	24.999	633.122
2) TPCL Hydro	2.965	87.092	b) Mumbai Drawl	27.253	697.644
3) TPCL Gas	2.006	49.065	c) MSEDCL Bilateral *	35.050	828.302
4) R-INFRA Thermal	12.391	307.164	Include PX	3.497	84.352
D) STATE			d) Mumbai Bilateral *	24.999	633.122
1) Thermal	252.957	6115.878	Include PX	2.674	114.497
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.143	282.618	H) ENERGY CATERED (MUs)		
3) Gas	8.229	219.303	1) MSEDCL	349.729	8651.594
4) Wind	19.785	661.023	2) Mumbai Discoms	61.994	1578.666
6) SOLAR	1.056	26.596	TOTAL STATE	411.723	10230.260
TOTAL STATE	291.170	7305.418			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4254	4176	4362	4176
MSPGCL Hydro	652	383	208	92
MSPGCL Gas	257	253	262	261
MSPGCL Total Generation	5163	4812	4832	4529
Central Sector Receipt	6443	6216	4895	4154
WIND	426	469	970	820
CPP / IPP	5154	5079	5097	4981
SOLAR	99	121	0	0
Exchange with Mumbai	-1294	-1434	-1388	-542
MSEDCL DEMAND MET	15991	15263	14406	13942
Load Shedding	28	28	30	25
MSEDCL DEMAND	16019	15291	14436	13967
TPCL GENERATION	1069	1125	994	785
R-INFRA GENERATION	512	517	516	518
MUMBAI DEMAND	2875	3076	2898	1845
STATE DEMAND MET	18866	18339	17304	15787
STATE DEMAND	18894	18367	17334	15812
Frequency (Hz)	49.81	49.93	49.96	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18:01 Hrs	49.68 Hz at 09:17 Hrs	49.92	% 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/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.43	60.70	155	130
Unit 6	0.00	0.00	0	0
Unit 7	3.46	100.29	160	125
Total	6.89	161.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	98.28	0	0
Unit 4	11.42	236.74	490	450
Unit 5	0.00	0.00	0	0
Total	11.42	335.02		
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	3.43	86.30	150	133
Unit 3	4.19	93.03	192	145
Unit 4	4.08	100.99	180	160
Unit 5	8.37	224.82	370	313
Unit 6	9.33	211.25	445	320
Unit 7	8.30	208.02	362	325
Total	37.70	924.42		
Paras				
Unit 3	4.65	124.53	209	154
Unit 4	4.81	128.42	220	174
Total	9.46	252.95		
Khaparkheda				
Unit 1	3.18	82.73	155	115
Unit 2	3.71	89.60	185	130
Unit 3	3.27	90.34	153	125
Unit 4	3.73	67.38	180	127
Unit 5	9.76	167.13	445	343
Total	23.65	497.18		
Nasik				
Unit 3	4.33	119.32	190	175
Unit 4	4.30	120.60	186	172
Unit 5	4.34	103.11	191	173
Total	12.96	343.03		
Uran				
All Units	6.22	170.24	269	252
Total	6.22	170.24		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.50	12.03	42	0
Total	0.50	12.03		
Koyna				
Stage 1-2	1.74	74.91	350	40
Stage 4	0.84	32.82	200	0
Stage 3	1.00	32.89	160	0
Total	3.58	140.62		
Hydro				
KDPH	0.46	4.75	19	19
VTRNA	0.00	0.75	0	0
TILLARI	0.12	2.24	60	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.41	8.47	81	0
RNGR+BHTSA	0.06	0.51	3	2
BHANDARDRA	0.50	9.19	36	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	4.55	30	18
GHATGHAR	0.55	23.18	125	0
Total	2.59	54.90		
Wind				
Total	19.78	661.02	0	0
Total	19.78	661.02		
CPP				
APML(Mus)	53.37	1307.46	0	0
JSWEL(Mus)	27.40	713.05	0	0
VIPL(Mus)	10.62	226.76	0	0
RPLAMT(Mus)	23.58	457.66	0	0
WPCL(Mus)	3.83	94.42	0	0
Other(Mus)	2.30	58.05	0	0
Total	121.10	2857.41		
SOLAR				
Total	1.06	26.60	0	0
Total	1.06	26.60		
Tata				
Trombay 5	11.48	282.88	492	403
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	49.06	115	46
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.90	154.84	252	218
TATA Hydro	2.96	87.09	294	0
Total	22.35	573.87		
R-INFRA				
1-2	12.39	307.16	519	511
Total	12.39	307.16		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.09	2513.59
MSPGCL Thml+Gas	108.31	2683.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.18	195.53
MSPGCL Total	114.49	2879.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.58	107.73
State Total	291.17	7305.42

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Aug/2015

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	4119	102	262	4483	1020	5135	0	4542	4422	-904	14156	41	14197	2228	16425	49.88
2	4113	92	262	4467	926	5020	0	4257	4232	-728	13917	25	13942	2027	15969	49.90
3	4104	112	262	4478	926	4974	0	3896	4316	-611	14083	25	14108	1909	16017	49.89
4	4176	92	261	4529	820	4981	0	3889	4154	-542	13942	25	13967	1845	15812	49.94
5	4251	92	261	4604	882	5012	0	4139	4079	-523	14054	25	14079	1823	15902	49.91
6	4303	102	261	4666	813	5019	0	4419	4743	-617	14624	28	14652	1918	16570	49.91
7	4317	129	260	4706	796	4917	3	5133	5119	-776	14765	28	14793	2047	16840	49.86
8	4334	114	260	4708	611	5011	25	5573	5852	-960	15247	28	15275	2249	17524	49.92
9	4262	163	259	4684	574	5140	55	5723	6405	-1159	15699	28	15727	2528	18255	49.96
10	4254	652	257	5163	426	5154	99	5467	6443	-1294	15991	28	16019	2875	18894	49.81
11	4244	654	253	5151	418	5112	118	5904	6298	-1476	15621	28	15649	3118	18767	49.89
12	4235	443	254	4932	468	5129	137	6098	6261	-1486	15441	28	15469	3145	18614	49.90
13	4176	383	253	4812	469	5079	121	6110	6216	-1434	15263	28	15291	3076	18367	49.93
14	4227	584	253	5064	645	5002	131	5690	5875	-1417	15300	31	15331	3010	18341	49.98
15	4182	490	253	4925	850	5041	139	5686	5398	-1479	14874	28	14902	3048	17950	49.89
16	4207	586	252	5045	1112	5031	125	5535	5273	-1498	15088	28	15116	3068	18184	49.86
17	4250	355	254	4859	1262	4813	66	5310	4957	-1435	14522	28	14550	3020	17570	49.96
18	4269	105	257	4631	1268	4963	32	4420	3966	-1419	13441	28	13469	3004	16473	50.00
19	4343	148	257	4748	1325	4846	5	4001	3745	-1397	13272	28	13300	2836	16136	49.94
20	4362	208	262	4832	970	5097	0	5167	4895	-1388	14406	30	14436	2898	17334	49.96
21	4391	206	263	4860	840	5208	0	5081	4778	-1282	14404	30	14434	2773	17207	49.99
22	4310	161	269	4740	795	5165	0	4549	4388	-1178	13910	30	13940	2666	16606	49.94
23	4331	105	269	4705	798	5152	0	4582	4266	-1084	13837	30	13867	2513	16380	49.99
24	4326	100	269	4695	771	5100	0	4580	4476	-1166	13876	30	13906	2370	16276	49.97
MUs	102.09	6.18	6.22	114.49	19.79	121.10	1.06	119.75	120.56	-27.25	349.73	0.69	350.42	61.99	412.41	49.92

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/Aug/2015

Position as on 6.30 Hrs of 28/Aug/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	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Bhusawal Unit 3	210	26/08/2015	09.51		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 28/Aug/2015

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							
Akola Wardha I	InterState	27/08/2015	09.31	27/08/2015	18.12	PO	R.M.Work
Kolhapur Mapusa I	InterState	27/08/2015	16.49	28/08/2015	06.58	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Karad -kolhapur-I	IntraState	26/08/2015	06.52	27/08/2015	07.08	T	Distance Protection (RFC at 17:00 Hrs)
Nagothane - Dabhol-II	IntraState	26/08/2015	10.23	27/08/2015	10.29	EO	To attend Hot Spot
Karad-Jaigad - I	IntraState	26/08/2015	10.29	27/08/2015	11.49	PO	R.M.Work & Testing Work (RFC at 19:30 Hrs)
Babhaleshwar-Taptitanda ckt-I	IntraState	26/08/2015	17.08	27/08/2015	01.31	HT	To Control Over loading of 400kv padghe -BBLSR CKT-2.
Babhaleshwar - Padghe-I	IntraState	26/08/2015	17.43	27/08/2015	01.03	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	26/08/2015	18.08	27/08/2015	06.18	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/08/2015	19.30	27/08/2015	11.49	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	27/08/2015	09.07	27/08/2015	15.46	PO	Tighting nut bolt of line
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20		Continued.	PO	opportunity outage for line rectification in work (RFC 16.50)
Girwali - Lonikand 1	IntraState	27/08/2015	12.58	27/08/2015	20.11	PO	765kv A'bad-Solapur PG line crossing work
Girwali- Lonikand 2	IntraState	27/08/2015	13.19	27/08/2015	20.15	PO	765kv A'bad-Solapur PG line crossing work
Karad -kolhapur-II	IntraState	27/08/2015	16.11		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/08/2015	16.34		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/08/2015	22.19	28/08/2015	06.52	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @ Kharghar	IntraState	27/08/2015	05.55	27/08/2015	09.52	PO	oltc oil sampling work
400/220/33kv 315mva lct3 @Lonikand	IntraState	27/08/2015	10.36	27/08/2015	19.30	PO	Half yearly maintenance work
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	27/08/2015	11.35	27/08/2015	14.00	PO	Annual Maintenance Work
Mahalakshmi Amona	InterState	27/08/2015	13.13	27/08/2015	13.57	PO	Annual Maintenance Work
Talandage - Chikodi	InterState	27/08/2015	15.08	27/08/2015	19.25	PO	Jumper Replacement work
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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Sonkhar - Trombay	IntraState	27/08/2015	00.15	27/08/2015	01.32	EO	Attending Hot Spot
Centuri Enka- Bhosari	IntraState	27/08/2015	10.30	27/08/2015	14.50	PO	Installtion of summesion type meter
Kalyani - Baramati Agro	IntraState	27/08/2015	11.00	27/08/2015	19.00	PO	Relay work
Bombay Dyeing - Sahara	IntraState	27/08/2015	12.19	27/08/2015	13.56	PO	Attending Hot Spot
512 Khadki- Century Enka	IntraState	27/08/2015	15.05	27/08/2015	18.00	PO	Instalation of summation type meter

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/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 28/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
100 MVA T/F I @ Oglewadi	IntraState	27/08/2015	10.15	27/08/2015	16.25	PO	Testing Work
132 KV LINE Outages/Trippings							
Theur-Sanaswadi	IntraState	27/08/2015	22.56	28/08/2015	00.45	PO	Annual Maintenance Work
Theur-Kharadi	IntraState	27/08/2015	23.09	28/08/2015	06.02	PO	Annual Maintenance Work