

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Aug/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.968	2614.556	1) Gujrat	4.113	258.059
2) Hydro	7.047	202.573	2) Madhya Pradesh	10.091	336.259
3) Gas	6.463	176.701	3) Chattisgarh	4.860	133.550
Total MSPGCL	114.478	2993.830	4) Maharashtra Net	99.818	2423.321
B) 1) APML	49.340	1356.799	5) Goa	-6.864	-173.665
2) JSWEL	28.558	741.612	6) TAPS 1&2 Injection	2.489	72.826
3) VIPL	10.813	237.569	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	21.870	479.535	8) Pench (MS)	0.416	12.450
5) WPCL	3.731	98.156	9) Pench (Excess)	-0.416	-11.404
6) Other IPP	2.661	60.714	Total	114.091	3038.946
C) 1) TPCL Thermal	16.245	453.959	a) Mumbai Schedule	24.437	657.559
2) TPCL Hydro	3.138	90.230	b) Mumbai Drawl	26.558	724.202
3) TPCL Gas	2.299	51.364	c) MSEDCL Bilateral *	27.431	855.733
4) R-INFRA Thermal	12.407	319.571	Include PX	-0.678	83.674
D) STATE			d) Mumbai Bilateral *	24.437	657.559
1) Thermal	246.593	6362.471	Include PX	2.134	116.631
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.185	292.803	H) ENERGY CATERED (MUs)		
3) Gas	8.762	228.065	1) MSEDCL	336.181	8987.775
4) Wind	16.893	677.916	2) Mumbai Discoms	60.647	1639.313
6) SOLAR	0.304	26.900	TOTAL STATE	396.828	10627.088
TOTAL STATE	282.737	7588.155			

* 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	4207	4063	4340	4237
MSPGCL Hydro	626	724	107	104
MSPGCL Gas	271	265	267	278
MSPGCL Total Generation	5104	5052	4714	4619
Central Sector Receipt	5550	5630	4344	3669
WIND	676	483	859	770
CPP / IPP	5222	4756	4958	5097
SOLAR	36	39	0	0
Exchange with Mumbai	-1225	-1391	-1227	-758
MSEDCL DEMAND MET	15363	14569	13648	13397
Load Shedding	26	26	28	23
MSEDCL DEMAND	15389	14595	13676	13420
TPCL GENERATION	1062	1148	1047	581
R-INFRA GENERATION	516	517	516	517
MUMBAI DEMAND	2803	3056	2790	1856
STATE DEMAND MET	18166	17625	16438	15253
STATE DEMAND	18192	17651	16466	15276
Frequency (Hz)	49.95	49.93	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.04 Hrs	49.97 Hz at 22:05 Hrs	49.95	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 28/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.58	64.28	160	140
Unit 6	0.00	0.00	0	0
Unit 7	3.75	104.05	168	148
Total	7.33	168.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.69	99.96	175	0
Unit 4	10.51	247.25	480	370
Unit 5	0.00	0.00	0	0
Total	12.20	347.22		
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	3.28	89.58	142	121
Unit 3	3.89	96.92	188	123
Unit 4	3.90	104.89	180	143
Unit 5	8.21	233.03	380	260
Unit 6	8.22	219.47	407	280
Unit 7	8.28	216.30	375	317
Total	35.78	960.20		
Paras				
Unit 3	4.40	128.93	202	172
Unit 4	4.46	132.88	207	157
Total	8.86	261.80		
Khaparkheda				
Unit 1	3.58	86.31	160	140
Unit 2	3.58	93.17	160	135
Unit 3	3.68	94.02	165	140
Unit 4	4.28	71.66	181	169
Unit 5	9.12	176.25	410	330
Total	24.24	521.42		
Nasik				
Unit 3	4.28	123.60	190	170
Unit 4	4.00	124.60	195	148
Unit 5	4.28	107.39	184	172
Total	12.57	355.60		
Uran				
All Units	6.46	176.70	279	263
Total	6.46	176.70		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.42	12.45	54	0
Total	0.42	12.45		
Koyna				
Stage 1-2	2.48	77.40	320	40
Stage 4	0.50	33.32	250	0
Stage 3	0.80	33.69	160	0
Total	3.79	144.41		
Hydro				
KDPH	0.45	5.20	19	18
VTRNA	0.00	0.75	0	0
TILLARI	0.00	2.24	0	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.19	8.65	80	0
RNGR+BHTSA	0.00	0.51	0	0
BHANDARDRA	0.49	9.68	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	5.07	28	19
GHATGHAR	1.62	24.80	250	0
Total	3.26	58.16		
Wind				
Total	16.89	677.92	0	0
Total	16.89	677.92		
CPP				
APML(Mus)	49.34	1356.80	0	0
JSWEL(Mus)	28.56	741.61	0	0
VIPL(Mus)	10.81	237.57	0	0
RPLAMT(Mus)	21.87	479.54	0	0
WPCL(Mus)	3.73	98.16	0	0
Other(Mus)	2.66	60.71	0	0
Total	116.97	2974.38		
SOLAR				
Total	0.30	26.90	0	0
Total	0.30	26.90		
Tata				
Trombay 5	10.54	293.42	495	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	51.36	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.70	160.54	252	200
TATA Hydro	3.14	90.23	294	0
Total	21.68	595.55		
R-INFRA				
1-2	12.41	319.57	519	514
Total	12.41	319.57		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	100.97	2614.56
MSPGCL Thml+Gas	107.43	2791.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.05	202.57
MSPGCL Total	114.48	2993.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.99	110.72
State Total	282.74	7588.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Aug/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	4277	109	277	4663	782	5105	0	4650	4658	-1149	14059	29	14088	2245	16333	49.94
2	4243	99	275	4617	725	5073	0	4333	4534	-936	14013	23	14036	2035	16071	49.93
3	4280	179	274	4733	721	5082	0	3971	3891	-816	13611	23	13634	1916	15550	49.93
4	4237	104	278	4619	770	5097	0	4159	3669	-758	13397	23	13420	1856	15276	49.97
5	4246	99	279	4624	688	5130	0	4213	3873	-735	13580	26	13606	1834	15440	49.97
6	4226	115	274	4615	629	5149	0	4420	4566	-802	14157	26	14183	1924	16107	49.97
7	4216	265	270	4751	607	5135	0	4991	5034	-867	14660	26	14686	2052	16738	49.95
8	4138	470	268	4876	595	5191	8	5281	5455	-848	15277	26	15303	2215	17518	49.97
9	4095	654	270	5019	610	5051	22	5637	5693	-1130	15265	26	15291	2520	17811	49.97
10	4207	626	271	5104	676	5222	36	5742	5550	-1225	15363	26	15389	2803	18192	49.95
11	4170	607	267	5044	597	5030	38	5749	5567	-1386	14890	26	14916	3051	17967	49.92
12	4081	888	265	5234	479	5042	35	5665	5600	-1415	14975	26	15001	3084	18085	49.98
13	4063	724	265	5052	483	4756	39	5611	5630	-1391	14569	26	14595	3056	17651	49.93
14	4113	279	264	4656	379	4980	23	5719	5436	-1300	14174	28	14202	2892	17094	49.97
15	4169	109	264	4542	668	4868	41	5779	5528	-1338	14309	25	14334	2902	17236	49.91
16	4175	99	263	4537	1022	4510	35	5686	5369	-1357	14116	25	14141	2922	17063	49.96
17	4217	104	267	4588	1240	4318	17	5092	4824	-1313	13674	25	13699	2906	16605	49.99
18	4227	104	267	4598	1139	4242	9	4151	3817	-1273	12532	25	12557	2858	15415	50.00
19	4311	234	267	4812	964	4507	1	3803	3983	-1196	13071	28	13099	2793	15892	49.97
20	4340	107	267	4714	859	4958	0	5106	4344	-1227	13648	28	13676	2790	16466	49.95
21	4247	298	267	4812	609	4723	0	4559	4473	-1167	13450	28	13478	2687	16165	49.93
22	4238	466	268	4972	577	4459	0	4338	4245	-1058	13195	28	13223	2556	15779	49.93
23	4244	200	269	4713	524	4690	0	4221	3968	-966	12929	28	12957	2429	15386	49.89
24	4208	108	267	4583	550	4655	0	4094	4384	-905	13267	28	13295	2321	15616	49.91
MUs	100.97	7.05	6.46	114.48	16.89	116.97	0.30	116.97	114.09	-26.56	336.18	0.63	336.81	60.65	397.46	49.95

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 28/Aug/2015

Position as on 6.30 Hrs of 29/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	28/08/2015	12.18	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 29/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							
Kolhapur Mapusa I	InterState	27/08/2015	16.49	28/08/2015	06.58	HT	Over Voltage
Akola Wardha li	InterState	28/08/2015	09.05	28/08/2015	19.06	PO	Routine Maintenance Work
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20		Continued.	PO	opportunity outage for line rectification in work (RFC 16.50)
karad -kolhapur-II	IntraState	27/08/2015	16.11	28/08/2015	14.25	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/08/2015	16.34	28/08/2015	07.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/08/2015	22.19	28/08/2015	06.52	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	28/08/2015	09.15	28/08/2015	15.53	PO	Various Line Hardware Work.
N.Koyna-Karad -Ckt II	IntraState	28/08/2015	16.11	29/08/2015	07.08	T	Bus-I Tripped RFC-1653 Hrs.
karad -kolhapur-I	IntraState	28/08/2015	16.11		Continued.	T	R Ph Pole Breaker Burst.
Karad - Jaigad - II	IntraState	28/08/2015	16.11	29/08/2015	06.32	T	Bus-I Tripped RFC-1653 Hrs.
Koradi-Bhusawal	IntraState	28/08/2015	16.24	28/08/2015	19.02	PO	Taking Line Reactor in Service @ Koradi End.
Padghe - Kharghar	IntraState	28/08/2015	16.37	28/08/2015	23.12	EO	Wavetrap String Broken.
Bhusawal-Aurangabad	IntraState	28/08/2015	17.38		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	28/08/2015	19.19	28/08/2015	20.53	PO	Taken on TBC For Attending Hot Spot.
Lonikand I - Koyna stage-IV	IntraState	28/08/2015	22.10		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	29/08/2015	06.22	29/08/2015	07.03	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	28/08/2015	16.11		Continued.	T	Bus-I Tripped.
220 KV LINE Outages/Trippings							
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
Parvati - Hybrid Pass	IntraState	28/08/2015	08.48	28/08/2015	16.23	HT	To Control Chinchwad-Urse Loading.
Jambhul - Anandnagar	IntraState	28/08/2015	09.45	28/08/2015	12.50	PO	Attending Hot Spot
Padghe - Jambhul 1	IntraState	28/08/2015	10.28	28/08/2015	15.28	PO	To Attend Hot Spot @ Isolator & Breaker.
Talandge-Mudshingi Ckt-I	IntraState	28/08/2015	10.57	28/08/2015	14.52	PO	To Attend Hot Spot @ Wave Trap.
Kamba - Kolshet	IntraState	28/08/2015	12.04	28/08/2015	16.21	PO	CT Tan Delta Measurment.
Uran - Kharghar I	IntraState	28/08/2015	13.12	28/08/2015	14.42	PO	Attending Hot Spot
Jejuri-Phursungi 1	IntraState	28/08/2015	15.28	28/08/2015	20.16	T	Distance Protection R Ph IB.
Kandalgaon - Sona Alloys	IntraState	28/08/2015	16.28	28/08/2015	20.35	PO	Scada Work.
Talandge(400kv)- Ichalkaranji 2	IntraState	29/08/2015	04.53		Continued.	HT	Due to Problem @ Talandage End.
Miraj - Ichalkaranji II	IntraState	29/08/2015	06.28		Continued.	HT	Due to Over Loading Line @ Talandge.

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 28/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 29/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
220/132 Kv 200 Mva Bbl lct 1 @Beed	IntraState	28/08/2015	14.21	28/08/2015	17.35	PO	Testing of CT Knee Point Voltage,Bus Bar Analysis & Other 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
Raimoha - Pathardi	IntraState	28/08/2015	05.06	28/08/2015	13.00	T	Distance Protection Operated Zone-I B Ph,Bph String Flash Over.
Dondaicha(220kv) - Dondaicha (132k	IntraState	28/08/2015	05.25	28/08/2015	05.50	T	Ckt Tripped on 33KV Discom Feeder.
Naldurg - Ujani	IntraState	28/08/2015	09.15	28/08/2015	13.54	PO	For Crossing Work of 765KV Aurangabad-Solapur Line.
Solapur II(Bale)-Naldurg	IntraState	28/08/2015	09.20	28/08/2015	13.53	PO	For Crossing Work of 765KV Aurangabad-Solapur Line.

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