

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Aug/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.759	2713.315	1) Gujrat	5.466	263.525
2) Hydro	5.239	207.964	2) Madhya Pradesh	11.313	347.572
3) Gas	6.413	183.114	3) Chattisgarh	5.000	138.550
Total MSPGCL	110.411	3104.393	4) Maharashtra Net	93.337	2516.658
B) 1) APML	52.260	1409.059	5) Goa	-6.428	-180.093
2) JSWEL	25.986	767.598	6) TAPS 1&2 Injection	2.475	75.301
3) VIPL	9.173	246.742	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.650	498.185	8) Pench (MS)	0.701	13.151
5) WPCL	3.467	101.623	9) Pench (Excess)	-0.701	-12.105
6) Other IPP	2.357	63.071	Total	110.462	3149.408
C) 1) TPCL Thermal	14.886	468.845	a) Mumbai Schedule	20.101	677.660
2) TPCL Hydro	1.503	91.733	b) Mumbai Drawl	24.973	749.175
3) TPCL Gas	1.886	53.250	c) MSEDCL Bilateral *	35.211	890.945
4) R-INFRA Thermal	12.407	331.978	Include PX	5.388	89.063
D) STATE			d) Mumbai Bilateral *	20.101	677.660
1) Thermal	237.945	6600.416	Include PX	0.602	117.233
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.742	299.697	H) ENERGY CATERED (MUs)		
3) Gas	8.299	236.364	1) MSEDCL	326.955	9314.882
4) Wind	18.736	696.652	2) Mumbai Discoms	55.655	1694.968
6) SOLAR	0.426	27.326	TOTAL STATE	382.610	11009.850
TOTAL STATE	272.148	7860.455			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4080	4110	4001	4205
MSPGCL Hydro	257	511	319	103
MSPGCL Gas	267	257	260	276
MSPGCL Total Generation	4604	4878	4580	4584
Central Sector Receipt	6376	5562	4381	3551
WIND	612	693	1080	716
CPP / IPP	4192	4521	4572	4760
SOLAR	44	60	0	0
Exchange with Mumbai	-1116	-1136	-1332	-705
MSEDCL DEMAND MET	14712	14578	13281	12906
Load Shedding	21	32	32	21
MSEDCL DEMAND	14733	14610	13313	12927
TPCL GENERATION	1080	1051	688	635
R-INFRA GENERATION	517	517	516	517
MUMBAI DEMAND	2713	2704	2536	1857
STATE DEMAND MET	17425	17282	15817	14763
STATE DEMAND	17446	17314	15849	14784
Frequency (Hz)	49.93	49.92	49.94	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.33 Hrs	49.67 Hz at 22.09 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 29/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.57	67.86	160	136
Unit 6	0.00	0.00	0	0
Unit 7	3.74	107.79	165	140
Total	7.32	175.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	103.97	180	150
Unit 4	9.50	256.75	460	355
Unit 5	0.00	0.00	0	0
Total	13.50	360.72		
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	3.22	92.80	143	105
Unit 3	4.01	100.93	177	155
Unit 4	3.62	108.51	180	64
Unit 5	8.16	241.19	370	311
Unit 6	8.40	227.87	375	295
Unit 7	8.15	224.46	358	312
Total	35.56	995.76		
Paras				
Unit 3	4.88	133.80	214	187
Unit 4	4.94	137.82	222	187
Total	9.81	271.62		
Khaparkheda				
Unit 1	2.76	89.07	160	85
Unit 2	2.93	96.10	155	100
Unit 3	3.32	97.34	158	120
Unit 4	3.80	75.46	172	132
Unit 5	7.17	183.42	370	250
Total	19.98	541.39		
Nasik				
Unit 3	4.30	127.91	190	170
Unit 4	3.94	128.54	180	154
Unit 5	4.34	111.73	185	177
Total	12.59	368.18		
Uran				
All Units	6.41	183.11	279	257
Total	6.41	183.11		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.70	13.15	53	10
Total	0.70	13.15		
Koyna				
Stage 1-2	2.43	79.82	345	40
Stage 4	0.00	33.32	0	0
Stage 3	0.45	34.15	80	0
Total	2.88	147.29		
Hydro				
KDPH	0.74	5.94	37	18
VTRNA	0.00	0.75	0	0
TILLARI	0.15	2.54	52	0
BHTGR/VEER	0.00	1.26	0	0
BHIRA T.R.	0.23	8.88	80	0
RNGR+BHTSA	0.00	0.51	0	0
BHANDARDRA	0.50	10.18	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	5.54	20	19
GHATGHAR	0.27	25.07	125	0
Total	2.36	60.67		
Wind				
Total	18.74	696.65	0	0
Total	18.74	696.65		
CPP				
APML(Mus)	52.26	1409.06	0	0
JSWEL(Mus)	25.99	767.60	0	0
VIPL(Mus)	9.17	246.74	0	0
RPLAMT(Mus)	18.65	498.18	0	0
WPCL(Mus)	3.47	101.62	0	0
Other(Mus)	2.36	63.07	0	0
Total	111.89	3086.28		
SOLAR				
Total	0.43	27.33	0	0
Total	0.43	27.33		
Tata				
Trombay 5	9.28	302.70	492	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.89	53.25	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.61	166.15	251	201
TATA Hydro	1.50	91.73	227	0
Total	18.28	613.83		
R-INFRA				
1-2	12.41	331.98	519	514
Total	12.41	331.98		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	98.76	2713.32
MSPGCL Thml+Gas	105.17	2896.43

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.24	207.96
MSPGCL Total	110.41	3104.39

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.43	113.15
State Total	272.15	7860.46

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	4371	104	275	4750	662	4952	0	4036	3680	-875	13169	46	13215	2135	15350	49.83
2	4342	229	275	4846	582	4722	0	3702	3701	-820	13031	19	13050	2036	15086	49.83
3	4262	179	277	4718	706	4736	0	3791	3670	-813	13017	19	13036	1953	14989	49.96
4	4240	103	279	4622	771	4883	0	3904	3426	-735	12967	19	12986	1885	14871	49.92
5	4205	103	276	4584	716	4760	0	3969	3551	-705	12906	21	12927	1857	14784	49.88
6	4170	233	277	4680	665	4702	0	4375	4026	-753	13320	21	13341	1922	15263	49.90
7	4243	103	279	4625	706	4991	1	5345	4697	-739	14281	21	14302	1885	16187	49.97
8	4215	168	270	4653	614	5054	7	5013	5244	-829	14743	21	14764	1995	16759	49.91
9	4215	305	269	4789	737	4689	25	5609	5512	-937	14815	21	14836	2230	17066	49.96
10	4078	236	267	4581	652	4402	34	6015	5829	-1067	14431	21	14452	2492	16944	49.93
11	4080	257	267	4604	612	4192	44	6077	6376	-1116	14712	21	14733	2713	17446	49.93
12	4046	390	265	4701	664	4240	48	5707	6174	-1224	14603	20	14623	2746	17369	49.92
13	4110	511	257	4878	693	4521	60	5371	5562	-1136	14578	32	14610	2704	17314	49.92
14	4155	373	267	4795	685	4708	46	5049	4925	-1021	14138	32	14170	2566	16736	49.96
15	4151	191	264	4606	790	5021	56	5128	4777	-1046	14204	30	14234	2516	16750	49.98
16	4132	128	259	4519	840	4932	48	5186	4816	-1038	14117	30	14147	2473	16620	49.93
17	4114	123	260	4497	1132	4798	39	5019	4546	-1187	13825	30	13855	2482	16337	49.99
18	4021	187	260	4468	1148	4636	17	3989	3466	-1286	12449	30	12479	2437	14916	49.99
19	3982	137	258	4377	1075	4650	1	3782	3781	-1315	12569	32	12601	2415	15016	49.99
20	4001	319	260	4580	1080	4572	0	4683	4381	-1332	13281	32	13313	2536	15849	49.94
21	4000	245	262	4507	935	4503	0	4786	4642	-1379	13208	32	13240	2522	15762	49.96
22	3953	117	262	4332	835	4272	0	4431	4481	-1230	12690	32	12722	2464	15186	49.88
23	3887	266	264	4417	757	4484	0	4574	4469	-1267	12860	32	12892	2387	15279	49.85
24	3786	232	264	4282	679	4473	0	4687	4730	-1123	13041	32	13073	2304	15377	49.87
MUs	98.76	5.24	6.41	110.41	18.74	111.89	0.43	114.23	110.46	-24.97	326.96	0.65	327.60	55.65	383.26	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 29/Aug/2015

Position as on 6.30 Hrs of 30/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)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 30/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	29/08/2015	17.10	30/08/2015	07.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/08/2015	17.31		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	30/08/2015	08.54		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	30/08/2015	09.35	30/08/2015	15.46	PO	765KV KUDGI-Kolhapur line crossing 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 - Jaigad - II	IntraState	28/08/2015	16.11	29/08/2015	06.32	T	Bus-I Tripped RFC-1653 Hrs.
karad -kolhapur-I	IntraState	28/08/2015	16.11		Continued.	T	R Ph Pole Breaker Burst.
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-II	IntraState	28/08/2015	16.12	30/08/2015	07.45	T	Over Voltage
Bhusawal-Aurangabad	IntraState	28/08/2015	17.38	29/08/2015	07.30	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/08/2015	22.10	29/08/2015	09.33	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	29/08/2015	06.22	29/08/2015	07.03	T	Distance Protection
Akola-Nandgaonpeth (RPL)	IntraState	29/08/2015	08.48	30/08/2015	00.05	PO	Testing Work
Bhusawal-Aurangabad	IntraState	29/08/2015	17.04	30/08/2015	06.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/08/2015	17.09	30/08/2015	09.24	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	29/08/2015	18.23	30/08/2015	09.02	T	Over Voltage
Karad-Jaigad - I	IntraState	30/08/2015	16.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/08/2015	17.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/08/2015	17.14		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @ Kharghar	IntraState	29/08/2015	14.14	29/08/2015	15.02	PO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	29/08/2015	09.57	29/08/2015	14.00	PO	Maintenance work and Hot Spot
Mudshingi Chikodi	InterState	29/08/2015	09.58	29/08/2015	14.00	PO	Maintenance work and Hot Spot
Borivali - Tarapur	InterState	30/08/2015	08.53	30/08/2015	14.04	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
Talandge(400kv)- Ichalkaranji 2	IntraState	29/08/2015	04.53	29/08/2015	11.14	HT	Problem at Talandage End.
Vsnl-512 Khadki	IntraState	29/08/2015	08.10	29/08/2015	13.52	PO	To attend Hot Spot
Flagship-Chinchwad	IntraState	29/08/2015	11.07	29/08/2015	13.50	PO	Line Maintenance work
Kandalgaon - Sona Alloys	IntraState	29/08/2015	12.40	29/08/2015	17.34	PO	Line Maintenance work
Lonikand-VSNL	IntraState	29/08/2015	15.14	29/08/2015	19.30	PO	To attend Hot Spot

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 29/Aug/2015

Statement-VII

Position as on 6.30 Hrs of 30/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Paras Ext. - Balapur	IntraState	30/08/2015	14.56	30/08/2015	17.56	T	Distance Protection
Yeotmal- Pusad	IntraState	30/08/2015	15.15	30/08/2015	15.45	T	Distance Protection
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 Ict 2 @Beed	IntraState	29/08/2015	11.14	29/08/2015	14.21	PO	Testing Work
132 KV LINE Outages/Trippings							
Partur-Mantha	IntraState	29/08/2015	03.01	29/08/2015	03.15	T	Distance Protection
Paras-Patur	IntraState	30/08/2015	20.38	30/08/2015	20.50	T	Distance Protection

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