

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.883	3242.098	1) Gujrat	5.120	75.645
2) Hydro	14.103	243.998	2) Madhya Pradesh	16.051	365.453
3) Gas	6.433	162.305	3) Chattisgarh	6.630	131.770
Total MSPGCL	129.419	3648.401	4) Maharashtra Net	84.737	2431.996
B) 1) APML	57.870	1498.700	5) Goa	-6.639	-189.554
2) JSWEL	16.367	458.314	6) TAPS 1&2 Injection	2.535	70.249
3) VIPL	11.665	291.639	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	10.750	168.330	8) Pench (MS)	0.151	2.800
5) WPCL	2.642	143.579	9) Pench (Excess)	0.000	-1.909
6) Other IPP	4.152	134.070	Total	108.434	2883.650
C) 1) TPCL Thermal	11.751	403.558	a) Mumbai Schedule	24.885	697.402
2) TPCL Hydro	5.446	111.732	b) Mumbai Drawl	28.424	823.932
3) TPCL Gas	3.785	79.333	c) MSEDCL Bilateral *	26.467	728.863
4) R-INFRA Thermal	12.370	297.253	Include PX	-0.331	-69.263
D) STATE			d) Mumbai Bilateral *	24.885	693.952
1) Thermal	236.450	6637.541	Include PX	2.739	44.289
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	19.549	355.730	H) ENERGY CATERED (MUs)		
3) Gas	10.218	241.638	1) MSEDCL	338.034	9150.822
4) Wind	24.034	717.939	2) Mumbai Discoms	61.776	1715.781
6) SOLAR	1.125	28.158	TOTAL STATE	399.810	10866.603
TOTAL STATE	291.376	7981.006			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4526	4613	4440	4707
MSPGCL Hydro	1494	1464	328	84
MSPGCL Gas	264	265	270	271
MSPGCL Total Generation	6284	6342	5038	5062
Central Sector Receipt	4829	4842	4965	3531
WIND	697	941	1472	926
CPP / IPP	4549	4725	3869	4261
SOLAR	146	89	0	0
Exchange with Mumbai	-1420	-1428	-1158	-1020
MSEDCL DEMAND MET	15085	15511	14186	12760
Load Shedding	41	35	39	37
MSEDCL DEMAND	15126	15546	14225	12797
TPCL GENERATION	1190	1123	1035	380
R-INFRA GENERATION	512	516	515	517
MUMBAI DEMAND	3122	3067	2708	1917
STATE DEMAND MET	18207	18578	16894	14677
STATE DEMAND	18248	18613	16933	14714
Frequency (Hz)	49.92	49.97	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.08 Hrs	49.76 Hz at 09.24 Hrs	49.97	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/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.28	84.03	150	125
Unit 6	0.00	0.00	0	0
Unit 7	3.48	73.00	172	130
Total	6.76	157.04		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.18	69.33	180	165
Unit 4	10.78	272.72	500	370
Unit 5	9.44	244.00	410	360
Total	24.40	586.05		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.55	102.99	152	143
Unit 6	0.00	115.43	0	0
Unit 7	4.88	135.92	220	173
Total	8.44	401.32		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.41	91.28	152	130
Unit 3	4.33	104.52	196	170
Unit 4	4.13	113.10	180	162
Unit 5	8.95	242.50	390	351
Unit 6	0.00	84.60	0	0
Unit 7	8.17	205.54	363	310
Total	29.00	841.54		
Paras				
Unit 3	5.01	141.88	230	192
Unit 4	4.80	142.92	218	172
Total	9.81	284.80		
Khaparkheda				
Unit 1	2.30	78.34	180	0
Unit 2	3.72	100.68	180	135
Unit 3	0.00	110.63	0	0
Unit 4	0.00	72.34	0	0
Unit 5	11.03	248.44	500	385
Total	17.05	610.45		
Nasik				
Unit 3	4.45	130.34	195	175
Unit 4	4.51	100.96	197	179
Unit 5	4.46	129.61	194	174
Total	13.42	360.91		
Uran				
All Units	6.43	162.30	271	263
Total	6.43	162.30		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.15	2.80	49	0
Total	0.15	2.80		
Koyna				
Stage 1-2	4.88	87.86	500	40
Stage 4	5.38	51.24	762	0
Stage 3	2.45	39.11	240	0
Total	12.71	178.21		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	9.50	0	0
TILLARI	0.00	4.79	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.60	7.71	41	0
RNGR+BHTSA	0.02	4.08	1	0
BHANDARDRA	0.00	2.95	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.13	5.71	12	3
GHATGHAR	0.64	24.04	125	0
Total	1.39	65.79		
Wind				
Total	24.03	717.94	0	0
Total	24.03	717.94		
CPP				
APML(Mus)	57.87	1498.70	0	0
JSWEL(Mus)	16.37	458.31	0	0
VIPL(Mus)	11.66	291.64	0	0
RPLAMT(Mus)	10.75	168.33	0	0
WPCL(Mus)	2.64	143.58	0	0
Other(Mus)	4.15	134.07	0	0
Total	103.45	2694.63		
SOLAR				
Total	1.12	28.16	0	0
Total	1.12	28.16		
Tata				
Trombay 5	6.57	241.31	476	0
Trombay 6	0.00	13.80	0	0
Trombay 7A	2.33	45.00	115	59
Trombay 7B	1.45	34.33	67	48
Trombay 8	5.18	148.45	253	197
TATA Hydro	5.45	111.73	387	72
Total	20.98	594.62		
R-INFRA				
1-2	12.37	297.25	517	510
Total	12.37	297.25		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.88	3242.10
MSPGCL Thml+Gas	115.32	3404.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.10	244.00
MSPGCL Total	129.42	3648.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.26	139.10
State Total	291.38	7981.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Jun/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	4617	576	269	5462	1037	4266	0	3939	3846	-1188	13423	54	13477	2208	15685	49.92
2	4698	121	268	5087	960	4221	0	3925	4109	-1071	13306	37	13343	2016	15359	49.98
3	4707	84	271	5062	926	4261	0	3500	3531	-1020	12760	37	12797	1917	14714	49.98
4	4637	44	271	4952	937	4406	0	3449	3751	-964	13082	37	13119	1860	14979	50.00
5	4629	44	270	4943	967	4459	0	3481	3771	-950	13190	37	13227	1857	15084	49.99
6	4518	49	270	4837	943	4486	0	3698	4335	-816	13785	42	13827	1941	15768	49.97
7	4464	149	270	4883	836	4474	7	4038	4844	-867	14177	42	14219	2034	16253	49.98
8	4485	384	271	5140	822	4530	35	4227	4984	-921	14590	42	14632	2171	16803	49.97
9	4488	627	269	5384	892	4500	79	4302	5143	-1087	14911	45	14956	2505	17461	49.97
10	4507	831	265	5603	939	4472	119	4406	5009	-1381	14761	45	14806	2860	17666	49.89
11	4470	1405	267	6142	834	4446	120	4533	4808	-1445	14905	43	14948	3089	18037	49.93
12	4526	1494	264	6284	697	4549	146	4720	4829	-1420	15085	41	15126	3122	18248	49.92
13	4521	1198	263	5982	657	4524	149	4620	4795	-1390	14717	41	14758	3118	17876	49.94
14	4533	1234	263	6030	655	4414	137	4518	4910	-1322	14824	35	14859	3014	17873	49.97
15	4598	1507	265	6370	718	4290	134	4635	4802	-1370	14944	35	14979	3062	18041	49.94
16	4613	1464	265	6342	941	4725	89	4658	4842	-1428	15511	35	15546	3067	18613	49.97
17	4622	814	267	5703	1252	4270	68	4500	4626	-1380	14539	35	14574	3034	17608	50.00
18	4509	227	268	5004	1295	4310	36	4005	4281	-1297	13629	35	13664	2925	16589	50.04
19	4403	231	265	4899	1422	4024	6	3999	3850	-1329	12872	35	12907	2817	15724	50.06
20	4441	273	270	4984	1346	4010	0	4538	4698	-1240	13798	39	13837	2777	16614	49.98
21	4440	328	270	5038	1472	3869	0	4569	4965	-1158	14186	39	14225	2708	16933	49.97
22	4452	329	270	5051	1299	3940	0	4440	4548	-1122	13716	39	13755	2629	16384	49.92
23	4461	324	271	5056	1187	3884	0	4394	4650	-1111	13666	39	13705	2564	16269	49.91
24	4544	366	271	5181	1000	4116	0	4280	4507	-1147	13657	39	13696	2481	16177	49.97
MUs	108.8	14.10	6.43	129.42	24.03	103.45	1.12	101.37	108.43	-28.42	338.03	0.95	338.98	61.78	400.76	49.97

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/Jun/2015

Position as on 6.30 Hrs of 30/Jun/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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
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.	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	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-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	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
IPP	WPCL U-3	135	17/06/2015	00.04	29/06/2015	20.37	Withdraw	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53		Continued.	Turbine bearing Vibration high	
TPC-G	Trombay 5	500	27/06/2015	11.11	29/06/2015	04.55	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	28/06/2015	17.48	30/06/2015	04.58	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	29/06/2015	05.19	29/06/2015	14.17	Drum level low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jun/2015

Position as on 6.30 Hrs of 30/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 11	80	29/06/2015	10.00		Continued.	LA BUST	

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

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2015

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	17/06/2015	12.52		Continued.	T	Convertor transformer diff prot optd.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	26/06/2015	17.16		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	28/06/2015	16.50	29/06/2015	09.06	HT	Over Voltage
Padgha Tarapur I	InterState	29/06/2015	09.33	29/06/2015	19.31	PO	Line Maintenance work
Kolhapur Solapur(PG) I	InterState	29/06/2015	09.51	30/06/2015	06.52	PO	Distance Relay Testing Work
Kolhapur Mapusa II	InterState	29/06/2015	17.20		Continued.	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
Bhusawal-Aurangabad	IntraState	23/06/2015	17.40	29/06/2015	07.04	HT	Over Voltage
karad -kolhapur-II	IntraState	28/06/2015	16.35	29/06/2015	07.04	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/06/2015	16.43	29/06/2015	10.41	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2015	18.18		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/06/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/06/2015	16.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/06/2015	18.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
400/220/33 Kv 315 Mva ICT II @Chandrapur	IntraState	21/06/2015	20.45		Continued.	T	Differential protection
400/220/33 Kv 315 Mva Ict 1 @Waluj	IntraState	26/06/2015	19.43		Continued.	T	Tripped due to Fire at LV side
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	29/06/2015	05.28	29/06/2015	20.56	T	Distance Protection
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.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	26/06/2015	20.29		Continued.	T	Breaker trouble indication
Kandalgaon - Koyna	IntraState	27/06/2015	20.25		Continued.	T	Distance Protection
Pedambe-Pophali	IntraState	29/06/2015	08.00	29/06/2015	20.08	PO	Routine Maintenance Work
New Koyna - Pedambe	IntraState	29/06/2015	08.18	29/06/2015	21.23	PO	Routine Maintenance Work
Mahad - Pedambe	IntraState	29/06/2015	08.20	29/06/2015	20.05	PO	Line Maintenance work
Main Bus Section-I@ Pedambe	IntraState	29/06/2015	08.45	29/06/2015	19.45	PO	Line Maintenance work
Talange(400kv)- Ichalkaranji 2	IntraState	29/06/2015	10.57	29/06/2015	14.50	PO	Routine Maintenance Work
Shivajinagar - Satana	IntraState	29/06/2015	14.07	29/06/2015	14.38	T	Distance Protection
Shivajinagar - Satana	IntraState	29/06/2015	14.43	29/06/2015	19.50	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
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/06/2015	20.33		Continued.	PO	Attending Oil Leakage

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/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	29/06/2015	11.25	29/06/2015	12.45	PO	Routine Maintenance Work