

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.683	3341.488	1) Gujrat	-0.699	-30.488
2) Hydro	18.649	660.527	2) Madhya Pradesh	15.767	454.076
3) Gas	5.261	158.903	3) Chattisgarh	6.480	161.810
Total MSPGCL	147.593	4160.918	4) Maharashtra Net	103.812	2563.824
B) 1) APML	44.960	1354.770	5) Goa	-7.891	-202.513
2) JSWEL	23.019	621.974	6) TAPS 1&2 Injection	3.478	99.725
3) VIPL	10.832	322.591	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.920	178.499	8) Pench (MS)	0.000	1.845
5) WPCL	9.623	126.650	9) Pench (Excess)	0.000	-1.458
6) Other IPP	6.254	212.830	Total	120.947	3044.976
C) 1) TPCL Thermal	17.134	483.029	a) Mumbai Schedule	27.450	662.547
2) TPCL Hydro	4.186	115.579	b) Mumbai Drawl	28.030	713.778
3) TPCL Gas	4.081	76.874	c) MSEDCL Bilateral *	32.966	702.718
4) R-INFRA Thermal	12.202	317.305	Include PX	-0.041	-7.114
D) STATE			d) Mumbai Bilateral *	27.450	656.897
1) Thermal	253.627	6959.136	Include PX	2.151	19.517
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro (A2+C2)	22.835	776.106	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.342	235.777	1) MSEDCL	362.237	9647.598
4) Wind	19.807	299.938	2) Mumbai Discoms	65.634	1706.553
6) SOLAR	1.312	36.385	TOTAL STATE	427.871	11354.151
TOTAL STATE	306.923	8307.342			

* 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	5150	5220	5125	4920
MSPGCL Hydro	1888	1026	1186	178
MSPGCL Gas	277	135	183	282
MSPGCL Total Generation	7315	6381	6494	5380
Central Sector Receipt	5504	5861	4643	4529
WIND	563	798	926	810
CPP / IPP	4249	4306	4014	4368
SOLAR	148	123	0	0
Exchange with Mumbai	-1447	-1434	-1252	-696
MSEDCL DEMAND MET	16332	16035	14825	14391
Load Shedding	48	39	41	45
MSEDCL DEMAND	16380	16074	14866	14436
TPCL GENERATION	1212	1318	1194	818
R-INFRA GENERATION	507	503	513	519
MUMBAI DEMAND	3166	3255	2959	2033
STATE DEMAND MET	19498	19290	17784	16424
STATE DEMAND	19546	19329	17825	16469
Frequency (Hz)	49.98	49.99	49.92	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 18:04 Hrs	49.76 Hz at 22:10 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 28/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.94	73.04	130	115
Unit 6	0.00	0.00	0	0
Unit 7	4.11	94.04	180	165
Total	7.05	167.08		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	11.43	249.94	505	380
Unit 5	7.68	240.58	365	270
Total	19.10	567.97		
Parli				
Unit 3	0.00	10.18	0	0
Unit 4	0.00	25.46	0	0
Unit 5	0.00	93.10	0	0
Unit 6	5.54	108.00	260	200
Unit 7	5.71	138.62	252	205
Total	11.24	375.37		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	82.42	0	0
Unit 3	4.52	121.42	199	157
Unit 4	4.41	119.07	190	179
Unit 5	10.33	254.62	440	415
Unit 6	9.76	268.41	410	395
Unit 7	9.60	259.28	441	340
Total	38.62	1105.22		
Paras				
Unit 3	4.99	124.13	250	150
Unit 4	5.08	103.84	222	201
Total	10.07	227.97		
Khaparkheda				
Unit 1	4.16	116.42	185	155
Unit 2	3.50	13.72	170	120
Unit 3	0.00	11.38	0	0
Unit 4	4.28	103.58	187	172
Unit 5	11.92	301.62	505	480
Total	23.87	546.71		
Nasik				
Unit 3	4.72	108.34	205	180
Unit 4	4.47	124.46	195	177
Unit 5	4.54	118.36	194	177
Total	13.73	351.16		
Uran				
All Units	5.26	158.90	284	135
Total	5.26	158.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	1.84	0	0
Total	0.00	1.84		
Koyna				
Stage 1-2	4.26	164.28	490	40
Stage 4	7.87	275.58	985	0
Stage 3	2.30	94.91	320	0
Total	14.44	534.78		
Hydro				
KDPH	0.43	14.60	18	17
VTRNA	0.91	27.84	61	0
TILLARI	0.37	10.14	62	0
BHTGR/VEER	0.07	1.44	4	3
BHIRA T.R.	0.26	6.17	40	0
RNGR+BHTSA	0.25	6.60	11	10
BHANDARDRA	0.42	10.50	41	9
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.95	26.73	46	37
GHATGHAR	0.55	21.02	120	0
Total	4.21	125.75		
Wind				
Total	19.81	299.94	0	0
Total	19.81	299.94		
CPP				
APML(Mus)	44.96	1354.77	0	0
JSWEL(Mus)	23.02	621.97	0	0
VIPL(Mus)	10.83	322.59	0	0
RPLAMT(Mus)	5.92	178.50	0	0
WPCL(Mus)	9.62	126.65	0	0
Other(Mus)	6.25	212.83	0	0
Total	100.61	2817.31		
SOLAR				
Total	1.31	36.38	0	0
Total	1.31	36.38		
Tata				
Trombay 5	11.75	301.34	496	449
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.55	44.44	115	89
Trombay 7B	1.53	32.43	67	57
Trombay 8	5.39	161.76	252	166
TATA Hydro	4.19	115.58	396	0
Total	25.40	675.48		
R-INFRA				
1-2	12.20	317.30	520	408
Total	12.20	317.30		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.68	3341.49
MSPGCL Thml+Gas	128.94	3500.39

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	18.65	660.53
MSPGCL Total	147.59	4160.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	12.14	439.86
State Total	306.92	8307.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Apr/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	5180	664	282	6126	875	4377	0	4853	4921	-1059	15240	61	15301	2572	17873	49.90
2	5132	329	284	5745	817	4323	0	4733	4833	-984	14734	45	14779	2344	17123	49.97
3	5055	146	283	5484	821	4387	0	4707	4852	-900	14644	45	14689	2192	16881	50.00
4	5073	159	284	5516	790	4484	0	4733	4530	-763	14557	45	14602	2088	16690	49.98
5	4920	178	282	5380	810	4368	0	4731	4529	-696	14391	45	14436	2033	16469	49.96
6	5014	380	283	5677	845	4302	0	4770	4849	-734	14939	48	14987	2076	17063	49.91
7	5120	540	282	5942	761	3981	3	4733	5021	-700	15008	51	15059	2074	17133	49.99
8	5085	544	282	5911	711	4170	36	4963	4690	-826	14692	51	14743	2180	16923	50.00
9	5222	449	282	5953	687	4214	89	5272	5292	-1037	15198	51	15249	2469	17718	50.00
10	5155	1055	280	6490	691	4182	134	5388	5548	-1233	15812	51	15863	2877	18740	49.97
11	5150	1888	277	7315	563	4249	148	5363	5504	-1447	16332	48	16380	3166	19546	49.98
12	5217	1812	164	7193	625	4343	171	5543	5116	-1463	15985	48	16033	3250	19283	49.94
13	5255	1288	135	6678	589	4156	183	5789	5840	-1483	15963	48	16011	3247	19258	50.00
14	5252	1023	135	6410	648	4193	166	5799	5628	-1449	15596	41	15637	3159	18796	50.00
15	5252	946	135	6333	724	4437	147	5760	5576	-1437	15780	38	15818	3250	19068	49.93
16	5220	1026	135	6381	798	4306	123	5758	5861	-1434	16035	39	16074	3255	19329	49.99
17	5258	1233	137	6628	848	4228	76	5312	5273	-1477	15576	39	15615	3252	18867	50.00
18	5079	772	137	5988	836	3851	34	4727	4632	-1487	13854	39	13893	3113	17006	50.03
19	5093	478	157	5728	984	3761	2	4420	4935	-1401	14009	39	14048	2931	16979	50.11
20	5125	1186	183	6494	926	4014	0	4951	4643	-1252	14825	41	14866	2959	17825	49.92
21	5232	897	183	6312	1069	4071	0	4987	4655	-1277	14830	41	14871	2878	17749	49.98
22	5220	268	202	5690	1202	4021	0	5028	4824	-1226	14511	41	14552	2787	17339	49.94
23	5188	476	210	5874	1142	4075	0	4855	4724	-1126	14689	41	14730	2745	17475	49.87
24	5186	912	247	6345	1045	4115	0	4749	4671	-1139	15037	41	15078	2736	17814	49.95
MUs	123.68	18.65	5.26	147.59	19.81	100.61	1.31	121.92	120.95	-28.03	362.24	1.08	363.31	65.63	428.95	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 28/Apr/2015

Position as on 6.30 Hrs of 29/Apr/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	
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.	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.	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. 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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
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 regirment	
IPP	Adani U-5	660	26/04/2015	06.30		Continued.	Super Heater Drain Heavy Flange Leakage.	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 3	210	27/04/2015	11.04		Continued.	Sparking at generation slip ring.	
MSPGCL	Parli Unit 5	210	27/04/2015	21.05		Continued.	CW header leakage.	
IPP	Adani U-2	660	28/04/2015	06.02		Continued.	Leakage in turbine steam chest.	
MSPGCL	Uran Unit 5	108	28/04/2015	11.17	28/04/2015	18.18	Boiler protection operated	
MSPGCL	Uran Unit A0	120	28/04/2015	11.17	28/04/2015	23.00	Low Condenser level	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Apr/2015

Position as on 6.30 Hrs of 29/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-2	300	28/04/2015	17.47		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 29/Apr/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							
Pune(PG)-Solapur(PG)	InterState	26/04/2015	09.35		Continued.	PO	Line Maintenance work
Wardha PG -Aurangabad PG III	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa I	InterState	27/04/2015	17.51	28/04/2015	09.15	HT	Over Voltage
Kolhapur Mapusa I	InterState	28/04/2015	17.39	28/04/2015	22.46	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/04/2015	18.10		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	26/04/2015	18.01		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	27/04/2015	09.55	28/04/2015	07.11	PO	A/R Configuration & Q.M.Work.
Karad - Jaigad - II	IntraState	27/04/2015	17.02	28/04/2015	07.36	HT	Over Voltage
karad -kolhapur-II	IntraState	28/04/2015	12.14	28/04/2015	18.07	PO	A/R configuration work
Karad-Jaigad - I	IntraState	28/04/2015	17.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/04/2015	17.42		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	28/04/2015	18.07	28/04/2015	23.11	HT	Over Voltage
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	28/04/2015	15.29	28/04/2015	20.14	HT	To control Boisar-Boisar PG Line Loading
Mudshingi Chikodi	InterState	28/04/2015	15.44	28/04/2015	22.46	T	Distance Protection
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.
Solapur(Bale) - Tuljapur	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Osmanabad - Solapur (Bale)	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Apta - Kalwa	IntraState	27/04/2015	09.23		Continued.	PO	BKR O/H.work shifted on TBC.
Karad -Mudshingi Ckt- IV	IntraState	27/04/2015	18.18	28/04/2015	07.03	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Vita - Miraj	IntraState	28/04/2015	08.26	28/04/2015	19.25	PO	Attending Hot Spot
Chikhli-Jalna-I	IntraState	28/04/2015	09.35	28/04/2015	21.12	PO	Rectification work at Jalna
Gangapur-Valve	IntraState	28/04/2015	09.59	28/04/2015	18.30	PO	Line Maintenance work
Padegaon-Sawangi	IntraState	28/04/2015	13.10	28/04/2015	13.42	T	Distance Protection
Harangul-Parly	IntraState	28/04/2015	18.32	28/04/2015	21.33	PO	Quarterly Maintainance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/110 Kv 200 Mva Vel Ptr 3 @Kolhapur-Ii (Mudshingi)	IntraState	27/04/2015	12.10		Continued.	PO	Repl of radiators to attend leakages.

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