

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.670	3217.805	1) Gujrat	-2.486	-29.789
2) Hydro	27.350	641.878	2) Madhya Pradesh	13.835	438.309
3) Gas	6.719	153.642	3) Chattisgarh	5.980	155.330
Total MSPGCL	157.739	4013.325	4) Maharashtra Net	102.685	2460.012
B) 1) APML	43.280	1309.810	5) Goa	-7.544	-194.622
2) JSWEL	22.980	598.955	6) TAPS 1&2 Injection	3.502	96.247
3) VIPL	11.902	311.759	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.850	172.579	8) Pench (MS)	0.012	1.845
5) WPCL	9.313	117.027	9) Pench (Excess)	-0.012	-1.458
6) Other IPP	5.872	206.576	Total	115.960	2924.029
C) 1) TPCL Thermal	15.731	465.895	a) Mumbai Schedule	24.462	635.097
2) TPCL Hydro	5.832	111.393	b) Mumbai Drawl	27.411	685.748
3) TPCL Gas	4.234	72.793	c) MSEDCL Bilateral *	32.555	669.752
4) R-INFRA Thermal	11.521	305.103	Include PX	0.084	-7.072
D) STATE			d) Mumbai Bilateral *	24.462	629.447
1) Thermal	250.119	6705.509	Include PX	1.181	17.366
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	33.182	753.271	H) ENERGY CATERED (MUs)		
3) Gas	10.953	226.435	1) MSEDCL	359.952	9285.361
4) Wind	13.197	280.131	2) Mumbai Discoms	64.729	1640.919
6) SOLAR	1.270	35.073	TOTAL STATE	424.681	10926.280
TOTAL STATE	308.721	8000.419			

* 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	5173	5328	5155	4965
MSPGCL Hydro	1955	1567	821	679
MSPGCL Gas	283	274	274	284
MSPGCL Total Generation	7411	7169	6250	5928
Central Sector Receipt	5638	5719	4887	4400
WIND	346	502	779	555
CPP / IPP	4278	4252	4128	3850
SOLAR	150	111	0	0
Exchange with Mumbai	-1326	-1475	-1209	-727
MSEDCL DEMAND MET	16497	16278	14835	14006
Load Shedding	253	83	51	44
MSEDCL DEMAND	16750	16361	14886	14050
TPCL GENERATION	1307	1228	1286	837
R-INFRA GENERATION	503	505	518	379
MUMBAI DEMAND	3136	3208	3013	1943
STATE DEMAND MET	19633	19486	17848	15949
STATE DEMAND	19886	19569	17899	15993
Frequency (Hz)	49.91	49.97	49.85	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18:02 Hrs	49.62 Hz at 19:09 Hrs	49.96	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 27/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.92	70.10	130	110
Unit 6	0.00	0.00	0	0
Unit 7	3.78	89.93	170	145
Total	6.70	160.03		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	10.66	238.52	505	365
Unit 5	8.15	232.90	350	300
Total	18.80	548.87		
Parli				
Unit 3	1.65	10.18	163	0
Unit 4	0.00	25.46	0	0
Unit 5	2.90	93.10	152	0
Unit 6	5.41	102.46	249	195
Unit 7	5.63	132.92	250	205
Total	15.59	364.13		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.15	82.42	123	0
Unit 3	4.54	116.90	197	179
Unit 4	4.52	114.66	194	175
Unit 5	10.16	244.30	435	395
Unit 6	9.72	258.66	420	371
Unit 7	9.95	249.67	435	360
Total	39.04	1066.60		
Paras				
Unit 3	5.29	119.14	250	194
Unit 4	5.47	98.77	250	207
Total	10.76	217.91		
Khaparkheda				
Unit 1	2.84	112.26	175	0
Unit 2	3.20	10.21	165	65
Unit 3	0.00	11.38	0	0
Unit 4	4.39	99.30	188	176
Unit 5	11.55	289.70	500	430
Total	21.98	522.84		
Nasik				
Unit 3	3.42	103.62	200	0
Unit 4	2.89	119.99	197	0
Unit 5	4.48	113.82	195	179
Total	10.79	337.43		
Uran				
All Units	6.72	153.64	285	271
Total	6.72	153.64		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.01	1.84	10	0
Total	0.01	1.84		
Koyna				
Stage 1-2	6.08	160.02	555	40
Stage 4	12.66	267.71	1120	0
Stage 3	4.70	92.61	320	0
Total	23.45	520.34		
Hydro				
KDPH	0.43	14.17	18	17
VTRNA	0.61	26.93	61	0
TILLARI	0.38	9.77	64	0
BHTGR/VEER	0.06	1.37	3	2
BHIRA T.R.	0.08	5.91	49	0
RNGR+BHTSA	0.27	6.34	12	11
BHANDARDRA	0.42	10.08	35	10
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.33	25.78	62	52
GHATGHAR	0.32	20.46	125	0
Total	3.90	121.54		
Wind				
Total	13.20	280.13	0	0
Total	13.20	280.13		
CPP				
APML(Mus)	43.28	1309.81	0	0
JSWEL(Mus)	22.98	598.96	0	0
VIPL(Mus)	11.90	311.76	0	0
RPLAMT(Mus)	5.85	172.58	0	0
WPCL(Mus)	9.31	117.03	0	0
Other(Mus)	5.87	206.58	0	0
Total	99.20	2716.71		
SOLAR				
Total	1.27	35.07	0	0
Total	1.27	35.07		
Tata				
Trombay 5	11.74	289.59	498	434
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.66	41.89	122	95
Trombay 7B	1.57	30.90	69	60
Trombay 8	4.00	156.38	172	161
TATA Hydro	5.83	111.39	463	6
Total	25.80	650.08		
R-INFRA				
1-2	11.52	305.10	519	378
Total	11.52	305.10		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.67	3217.80
MSPGCL Thml+Gas	130.39	3371.45

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	27.35	641.88
MSPGCL Total	157.74	4013.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.74	427.73
State Total	308.72	8000.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4947	1485	285	6717	603	3823	0	4693	4878	-1109	14912	62	14974	2419	17393	49.92
2	4910	1360	285	6555	673	3788	0	4497	4772	-1002	14786	44	14830	2232	17062	49.94
3	4917	1122	285	6324	656	3711	0	4430	4381	-803	14269	44	14313	2092	16405	49.93
4	4941	732	285	5958	603	3904	0	4446	4333	-785	14013	44	14057	1998	16055	49.99
5	4965	679	284	5928	555	3850	0	4456	4400	-727	14006	44	14050	1943	15993	49.95
6	4971	882	284	6137	556	3884	0	4584	4743	-762	14558	54	14612	1984	16596	49.94
7	5123	923	285	6331	473	4005	1	4638	4836	-618	15028	68	15096	1994	17090	50.03
8	5270	1097	285	6652	378	4224	35	4723	4633	-766	15156	68	15224	2122	17346	49.99
9	5254	1343	280	6877	306	4177	82	4988	4749	-1063	15128	68	15196	2493	17689	49.97
10	5212	1646	278	7136	336	4271	128	5246	5273	-1138	16006	68	16074	2818	18892	49.94
11	5173	1955	283	7411	346	4278	150	4997	5638	-1326	16497	253	16750	3136	19886	49.91
12	5221	2150	282	7653	277	4343	168	5140	4771	-1397	15815	503	16318	3214	19532	49.97
13	5252	1773	284	7309	225	4298	179	5321	5265	-1411	15865	426	16291	3226	19517	49.99
14	5300	1596	280	7176	315	4207	171	5361	5122	-1375	15616	265	15881	3158	19039	49.97
15	5315	1552	280	7147	439	4269	144	5560	5391	-1407	15983	179	16162	3202	19364	49.88
16	5328	1567	274	7169	502	4252	111	5487	5719	-1475	16278	83	16361	3208	19569	49.97
17	5361	1212	271	6844	641	4271	71	5235	5155	-1444	15538	86	15624	3199	18823	49.98
18	5388	598	273	6259	689	4167	28	4385	4083	-1408	13818	61	13879	3105	16984	50.05
19	5073	434	273	5780	712	4104	2	4171	3922	-1312	13208	49	13257	2989	16246	49.94
20	5155	821	274	6250	779	4128	0	4891	4887	-1209	14835	51	14886	3013	17899	49.85
21	5251	569	275	6095	872	4217	0	4954	4698	-1217	14665	46	14711	2916	17627	49.98
22	5139	368	276	5783	768	4218	0	4719	4683	-1212	14240	44	14284	2784	17068	49.96
23	5101	643	279	6023	656	4403	0	4612	4735	-1247	14570	43	14613	2768	17381	49.94
24	5103	843	279	6225	837	4405	0	4729	4893	-1198	15162	43	15205	2716	17921	49.95
MUs	123.67	27.35	6.72	157.74	13.20	99.20	1.27	116.26	115.96	-27.41	359.95	2.70	362.65	64.73	427.38	49.96

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/Apr/2015

Position as on 6.30 Hrs of 28/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. (60 Days)	
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.	
IPP	Adani U-2	660	09/04/2015	15.50	27/04/2015	21.55	Boiler feed Pump Problem.	
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 requirment	
MSPGCL	Nasik Unit 3	210	25/04/2015	11.40	27/04/2015	04.25	GT Bucholz Tripped.	
IPP	Adani U-5	660	26/04/2015	06.30		Continued.	Super Heater Drain Heavy Flange Leakage.	
MSPGCL	Nasik Unit 4	210	27/04/2015	00.35	27/04/2015	07.50	Low furnace pressure	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 1	210	27/04/2015	07.24	27/04/2015	13.13	Low furnace pressure	
MSPGCL	Parli Unit 3	210	27/04/2015	11.04		Continued.	Sparking at generation slip ring.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Apr/2015

Position as on 6.30 Hrs of 28/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	

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

Statement-VII

Position as on 6.30 Hrs of 28/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							
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 II	InterState	26/04/2015	16.42	27/04/2015	06.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/04/2015	17.52	27/04/2015	06.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/04/2015	11.06	27/04/2015	17.13	PO	Work at SSP end.
Kolhapur Solapur (PG) II	InterState	27/04/2015	16.55	27/04/2015	19.13	HT	Heavy sparking on Bus Isolator.
Kolhapur Mapusa I	InterState	27/04/2015	17.51		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/04/2015	16.09	27/04/2015	06.48	HT	Over Voltage
Karad-Jaigad - I	IntraState	26/04/2015	16.30	27/04/2015	06.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/04/2015	17.33	27/04/2015	07.01	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	26/04/2015	18.01		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/04/2015	18.07	27/04/2015	06.27	HT	Over Voltage
karad -kolhapur-I	IntraState	27/04/2015	09.55		Continued.	PO	A/R Configuration & Q.M.Work.
Padghe - Nagothane - II	IntraState	27/04/2015	10.36	27/04/2015	18.06	PO	Insulator Replacement Work
Karad - Jaigad - II	IntraState	27/04/2015	17.02		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	27/04/2015	13.19	27/04/2015	16.31	T	Distance Protection
Nasik Navsari I	InterState	27/04/2015	13.39	27/04/2015	17.53	PO	Tree cutting work,charge from Navsari end only.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
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.
Apta - Talaja	IntraState	17/04/2015	08.05		Continued.	PO	CKT on TBC Breaker O/H Work.
Osmanabad - Solapur (Bale)	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Solapur(Bale) - Tuljapur	IntraState	25/04/2015	09.51		Continued.	HT	To Control Line Loading.
Boisar(M) - Ghodbunder	IntraState	26/04/2015	22.54	27/04/2015	14.46	T	Distance Protection
Pedambe-Pophali	IntraState	27/04/2015	06.27	27/04/2015	11.05	PO	To attend Nerale line Y-ph Main Bus Isolator Trouble.
Pedambe-Nerle	IntraState	27/04/2015	06.32	27/04/2015	11.50	PO	To attend Nerale line Y-ph Main Bus Isolator Trouble.
Pedhambe - Oni	IntraState	27/04/2015	06.45	27/04/2015	11.25	PO	To attend Nerale line Y-ph Main Bus Isolator Trouble.
Adlabs - Pedambe	IntraState	27/04/2015	07.16	27/04/2015	12.00	PO	To attend Nerale line Y-ph Main Bus Isolator Trouble.
Eklahare (Ocr) - Padghe 2	IntraState	27/04/2015	09.08	27/04/2015	18.40	PO	Cold line Insulator washing.
Apta - Kalwa	IntraState	27/04/2015	09.23		Continued.	PO	BKR O/H.work shifted on TBC.
Chikhli-Jalna-I	IntraState	27/04/2015	10.15	27/04/2015	21.50	PO	Reorientation work.
Hamidwada-Mumewadi	IntraState	27/04/2015	10.54	27/04/2015	16.42	PO	Q.M.Work.
Gangapur-Valve	IntraState	27/04/2015	12.13	27/04/2015	18.50	PO	Annual line Maint Work.
New Koyna - Niwali	IntraState	27/04/2015	13.59	27/04/2015	17.26	T	Distance Protection

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/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dasturi-Kandalgaon Line	IntraState	27/04/2015	14.50	27/04/2015	16.10	PO	Only A/R out for PID work.
Talandge-Hamidwada	IntraState	27/04/2015	17.20	27/04/2015	18.47	EO	Removing particals Between conductors.
Karad -Mudshingi Ckt- IV	IntraState	27/04/2015	18.18		Continued.	T	Distance Protection
Peth- Mudshingi -I	IntraState	27/04/2015	18.21	27/04/2015	19.10	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Deepnagar Amalner	IntraState	27/04/2015	18.35	27/04/2015	19.22	PO	Signature analysis of line.
Deepnagar Bambhori	IntraState	27/04/2015	20.07	27/04/2015	21.25	PO	Signature analysis of line.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	27/04/2015	09.12	27/04/2015	12.28	PO	CT Tan delta measurement work.
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.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	27/04/2015	13.31	27/04/2015	16.41	PO	CT Tan delta measurement work.

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