

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.164	3631.171	1) Gujrat	0.844	-79.913
2) Hydro	12.938	403.813	2) Madhya Pradesh	21.499	480.979
3) Gas	10.184	276.767	3) Chattisgarh	6.900	156.060
Total MSPGCL	144.286	4311.751	4) Maharashtra Net	93.238	2510.640
B) 1) APMIL	42.500	1407.540	5) Goa	-7.237	-200.614
2) JSWEL	15.814	446.502	6) TAPS 1&2 Injection	3.597	109.556
3) VIPL	9.333	309.338	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	9.860	160.320	8) Pench (MS)	0.000	2.647
5) WPCL	2.636	78.090	9) Pench (Excess)	0.000	-2.685
6) Other IPP	9.173	280.616	Total	118.841	2974.023
C) 1) TPCL Thermal	19.978	472.958	a) Mumbai Schedule	22.436	602.408
2) TPCL Hydro	4.046	85.461	b) Mumbai Drawl	23.741	627.380
3) TPCL Gas	4.014	106.280	c) MSEDCL Bilateral *	27.751	656.777
4) R-INFRA Thermal	11.688	333.510	Include PX	-0.053	-17.023
D) STATE			d) Mumbai Bilateral *	22.436	601.550
1) Thermal	242.146	7120.045	Include PX	2.162	19.833
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	16.984	489.274	H) ENERGY CATERED (MUs)		
3) Gas	14.198	383.047	1) MSEDCL	338.198	9582.196
4) Wind	8.358	203.504	2) Mumbai Discoms	63.467	1625.569
6) SOLAR	1.138	35.245	TOTAL STATE	401.665	11207.765
TOTAL STATE	282.824	8231.115			

* 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 5 Hrs
MSPGCL Thermal	5056	5076	4983	4981
MSPGCL Hydro	916	1133	881	203
MSPGCL Gas	408	412	426	432
MSPGCL Total Generation	6380	6621	6290	5616
Central Sector Receipt	6396	5733	4787	3790
WIND	155	132	177	608
CPP / IPP	3677	4022	4030	3229
SOLAR	154	124	0	0
Exchange with Mumbai	-1198	-1275	-1078	-660
MSEDCL DEMAND MET	15564	15357	14206	12583
Load Shedding	60	48	48	49
MSEDCL DEMAND	15624	15405	14254	12632
TPCL GENERATION	1497	1386	1224	820
R-INFRA GENERATION	507	514	516	381
MUMBAI DEMAND	3202	3175	2818	1861
STATE DEMAND MET	18766	18532	17024	14444
STATE DEMAND	18826	18580	17072	14493
Frequency (Hz)	50.00	50.01	50.04	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 02.57 Hrs	49.71 Hz at 00.06 Hrs	50	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 30/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	67.42	0	0
Unit 7	3.89	114.83	179	150
Total	3.89	182.26		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.05	106.30	175	160
Unit 4	9.22	262.62	400	370
Unit 5	9.14	219.64	400	370
Total	22.42	588.56		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.11	95.32	137	109
Unit 5	3.40	80.18	149	132
Unit 6	4.58	139.48	203	177
Unit 7	4.76	127.32	205	194
Total	15.85	442.30		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.21	98.16	138	129
Unit 3	4.17	129.86	200	164
Unit 4	4.13	110.74	190	166
Unit 5	9.30	252.17	430	366
Unit 6	9.12	234.00	425	354
Unit 7	8.95	273.13	398	310
Total	38.88	1098.06		
Paras				
Unit 3	4.12	124.09	206	0
Unit 4	0.00	18.35	0	0
Total	4.12	142.45		
Khaparkheda				
Unit 1	4.08	121.70	185	155
Unit 2	3.59	113.73	165	110
Unit 3	4.34	119.62	187	173
Unit 4	4.33	127.04	197	160
Unit 5	10.47	312.77	505	391
Total	26.81	794.86		
Nasik				
Unit 3	4.75	132.62	210	180
Unit 4	4.46	131.62	197	177
Unit 5	0.00	118.44	0	0
Total	9.21	382.68		
Uran				
All Units	10.18	276.77	441	400
Total	10.18	276.77		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	2.65	0	0
Total	0.00	2.65		
Koyna				
Stage 1-2	3.72	120.57	490	40
Stage 4	2.48	108.38	480	0
Stage 3	1.55	50.41	240	0
Total	7.76	279.36		
Hydro				
KDPH	0.74	8.00	37	18
VTRNA	1.33	30.60	61	0
TILLARI	0.37	8.70	64	0
BHTGR/VEER	0.06	1.26	3	2
BHIRA T.R.	0.10	4.33	40	0
RNGR+BHTSA	0.29	8.91	13	12
BHANDARDRA	0.47	10.84	20	19
ELDARY	0.39	3.25	17	16
SMLHY_PTN	0.56	20.22	24	23
GHATGHAR	0.86	28.33	125	0
Total	5.18	124.46		
Wind				
Total	8.36	203.50	0	0
Total	8.36	203.50		
CPP				
APML(Mus)	42.50	1407.54	0	0
JSWEL(Mus)	15.81	446.50	0	0
VIPL(Mus)	9.33	309.34	0	0
RPLAMT(Mus)	9.86	160.32	0	0
WPCL(Mus)	2.64	78.09	0	0
Other(Mus)	9.17	280.62	0	0
Total	89.32	2682.41		
SOLAR				
Total	1.14	35.24	0	0
Total	1.14	35.24		
Tata				
Trombay 5	10.88	273.16	493	315
Trombay 6	3.50	34.86	147	145
Trombay 7A	2.49	64.73	115	90
Trombay 7B	1.53	41.55	67	58
Trombay 8	5.60	164.94	252	200
TATA Hydro	4.05	85.46	447	0
Total	28.04	664.70		
R-INFRA				
1-2	11.69	333.51	519	380
Total	11.69	333.51		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.16	3631.17
MSPGCL Thml+Gas	131.35	3907.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.94	403.81
MSPGCL Total	144.29	4311.75

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.21	228.95
State Total	282.82	8231.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Mar/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	5003	368	436	5807	649	3348	0	4821	4743	-889	13658	59	13717	2392	16109	49.95
2	4902	193	435	5530	431	3412	0	4732	4689	-723	13339	46	13385	2167	15552	49.99
3	4898	198	435	5531	553	3392	0	4636	4406	-769	13113	46	13159	2009	15168	50.04
4	4978	203	436	5617	673	3236	0	4317	4314	-679	13161	46	13207	1903	15110	50.02
5	4981	203	432	5616	608	3229	0	4128	3790	-660	12583	49	12632	1861	14493	49.90
6	5157	246	433	5836	597	3177	0	4288	4901	-740	13771	60	13831	1929	15760	49.94
7	5276	191	441	5908	675	3254	0	4916	4716	-697	13856	92	13948	2004	15952	49.98
8	5308	196	440	5944	552	3395	22	5102	5454	-606	14761	92	14853	2132	16985	50.00
9	5264	220	432	5916	482	3603	72	5165	5113	-859	14327	84	14411	2469	16880	50.00
10	5065	523	426	6014	273	3520	107	5141	5473	-997	14390	65	14455	2778	17233	49.92
11	5087	744	412	6243	203	3833	118	5275	5596	-1132	14861	53	14914	3092	18006	49.92
12	5056	916	408	6380	155	3677	154	5477	6396	-1198	15564	60	15624	3202	18826	50.00
13	5110	861	408	6379	119	3788	153	5276	5439	-1189	14689	72	14761	3198	17959	50.00
14	5090	771	400	6261	90	3922	172	5091	5594	-1150	14889	60	14949	3122	18071	50.01
15	5086	939	406	6431	84	3959	120	5111	5973	-1209	15358	55	15413	3152	18565	49.96
16	5076	1133	412	6621	132	4022	124	5093	5733	-1275	15357	48	15405	3175	18580	50.01
17	5060	955	412	6427	304	4088	67	5004	5139	-1258	14767	51	14818	3160	17978	50.04
18	4945	248	418	5611	287	4075	28	4788	4327	-1185	13143	66	13209	3027	16236	50.14
19	4919	304	424	5647	388	3871	1	4009	4487	-1138	13256	69	13325	2915	16240	50.01
20	4969	973	426	6368	320	4016	0	4190	3881	-1109	13476	62	13538	2938	16476	50.03
21	4983	881	426	6290	177	4030	0	4207	4787	-1078	14206	48	14254	2818	17072	50.04
22	5001	636	428	6065	129	4128	0	4421	4554	-1045	13831	39	13870	2711	16581	50.03
23	4997	470	429	5896	192	4214	0	4476	4829	-1084	14047	39	14086	2669	16755	50.00
24	4953	566	429	5948	285	4127	0	4552	4507	-1072	13795	39	13834	2644	16478	49.98
MUs	121.16	12.94	10.18	144.29	8.36	89.32	1.14	114.22	118.84	-23.74	338.20	1.40	339.60	63.47	403.06	50.00

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 30/Mar/2015

Position as on 6.30 Hrs of 31/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
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	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	08/03/2015	05.22		Continued.	Withdrawn	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Handtripped due to ID Fan Problem.	
MSPGCL	Uran Unit 7	108	21/03/2015	13.56		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Paras Unit 3	250	27/03/2015	05.45	30/03/2015	01:45	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	28/03/2015	22.55		Continued.	BTL.	
IPP	RPL(AMT) U-5	270	29/03/2015	14.04	30/03/2015	06.22	Tripped due to occurrence at 400kV Akola s/s	
IPP	RPL(AMT) U-2	270	29/03/2015	14:04	30/03/2015	02.11	Due to Occarance at Akola s/stn	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	29/03/2015	23.15	30/03/2015	03.18	Tripped	
IPP	RPL(AMT) U-3	270	30/03/2015	02.59	30/03/2015	07.03	Station board supply failed	
IPP	RPL(AMT) U-2	270	30/03/2015	03:04	30/03/2015	04:55	Station Board Supply Failed.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Mar/2015

Position as on 6.30 Hrs of 31/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	30/03/2015	05.00	30/03/2015	08.02	Tripped	
IPP	RPL(AMT) U-3	270	30/03/2015	08.17	30/03/2015	09.31	Generator protection	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Koyana STG-IV Unit-3	250	30/03/2015	22.40	31/03/2015	04.20	R.M.Work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 31/Mar/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) I	InterState	28/03/2015	12.00		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Koradi-III - Akola-II ckt-I	IntraState	30/03/2015	10.53	30/03/2015	11.15	T	Due to DT received from Koradi III end.
Koradi III - Tirora - I	IntraState	30/03/2015	10.54	30/03/2015	11.36	T	Due to DT received from Koradi III end.
Koradi III - Akola II- ckt-II	IntraState	30/03/2015	10.54	30/03/2015	11.48	T	Due to DT received from Koradi III end.
Wardha PG - Aurangabad PG IV	IntraState	30/03/2015	18.14	30/03/2015	18.15	PO	First time charging
Wardha PG -Aurangabad PG III	IntraState	30/03/2015	20.08	30/03/2015	20.09	PO	First time charging
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	27/03/2015	16.35		Continued.	PO	To Attend Hot Spot on PG @ Kolhapur End.
Dhule Sar'Sarovar II	InterState	29/03/2015	17:18	30/03/2015	08.22	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	30/03/2015	18.46		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/03/2015	16:36	30/03/2015	08.50	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	29/03/2015	16:40	30/03/2015	08.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/03/2015	18:09	30/03/2015	08.14	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/03/2015	18:11	30/03/2015	06:26	HT	Over Voltage
Jaigad-New Koyna Ckt-Ii	IntraState	30/03/2015	09.58	30/03/2015	19.04	PO	Tan delta measurement of CT's and R.M.Work.
karad -kolhapur-II	IntraState	30/03/2015	18.05		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59	30/03/2015	21.47	HT	To control Loading of Bus Section at Nsk OCR
Nasik Navsari II	InterState	30/03/2015	11.51	30/03/2015	14.24	T	B-Ph E/F.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Bableshwar- Alephata	IntraState	30/03/2015	06.52	30/03/2015	17.15	HT	To control ICT loading at BBLR.
Pedambe-Nerle	IntraState	30/03/2015	08.55	30/03/2015	14.25	PO	To attend Hot Spot
Bableshwar- Ranjangaon	IntraState	30/03/2015	10.31	30/03/2015	17.10	HT	To control ICT loading at BBLR.
Talandage(400kv) - Five Star Midc	IntraState	30/03/2015	10.34	30/03/2015	16.21	PO	C.B.Testing work.
Hinjawadi I- Chinchwad	IntraState	30/03/2015	11.39	30/03/2015	17.30	HT	To control loading on Urse line.
Raymond - Washala	IntraState	30/03/2015	12.35	30/03/2015	16.19	PO	To replace damaged string insulator.
Aurangabad-Babhaleshwar	IntraState	30/03/2015	14.00		Continued.	PO	For making Lilo arrangement at new Deogaon Rangari S/S.and charging of Lilo ckt.
Shivajinagar - Satana	IntraState	30/03/2015	16.17	30/03/2015	16.18	PO	First time charged
Shivajinagar - Malegaon	IntraState	30/03/2015	16.23	30/03/2015	16.24	PO	First time charged
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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 30/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 100mva Transformer 1 @Versova R/S	IntraState	30/03/2015	08.27	30/03/2015	15.14	T	Earth Leakage.
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	30/03/2015	09.12	30/03/2015	11.30	PO	To attend Hot Spot