

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Mar/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.598	3026.055	1) Gujrat	-1.857	-72.232
2) Hydro	25.969	311.599	2) Madhya Pradesh	17.295	382.391
3) Gas	9.970	225.869	3) Chattisgarh	5.490	122.590
Total MSPGCL	157.537	3563.523	4) Maharashtra Net	91.271	2016.767
B) 1) APML	58.280	1164.910	5) Goa	-6.932	-165.159
2) JSWEL	17.679	362.130	6) TAPS 1&2 Injection	3.636	91.518
3) VIPL	13.102	250.873	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.820	127.310	8) Pench (MS)	0.059	2.647
5) WPCL	2.684	64.783	9) Pench (Excess)	-0.059	-2.685
6) Other IPP	9.380	232.841	Total	108.844	2373.190
C) 1) TPCL Thermal	21.148	369.707	a) Mumbai Schedule	24.836	491.266
2) TPCL Hydro	4.018	67.744	b) Mumbai Drawl	22.363	516.307
3) TPCL Gas	4.021	85.236	c) MSEDCL Bilateral *	22.709	541.289
4) R-INFRA Thermal	12.370	273.110	Include PX	-0.111	-18.737
D) STATE			d) Mumbai Bilateral *	24.836	490.408
1) Thermal	262.061	5871.719	Include PX	1.516	12.493
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	29.987	379.343	H) ENERGY CATERED (MUs)		
3) Gas	13.991	311.105	1) MSEDCL	357.455	7830.770
4) Wind	5.452	175.151	2) Mumbai Discoms	63.920	1312.087
6) SOLAR	1.040	29.719	TOTAL STATE	421.375	9142.857
TOTAL STATE	312.531	6767.037			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5063	5189	5117	5034
MSPGCL Hydro	1649	1899	862	143
MSPGCL Gas	390	387	422	432
MSPGCL Total Generation	7102	7475	6401	5609
Central Sector Receipt	5615	5199	4615	3861
WIND	379	114	203	390
CPP / IPP	4471	4476	4403	4494
SOLAR	137	125	0	0
Exchange with Mumbai	-1198	-1231	-1186	-303
MSEDCL DEMAND MET	16506	16158	14436	14051
Load Shedding	54	46	43	46
MSEDCL DEMAND	16560	16204	14479	14097
TPCL GENERATION	1462	1464	1327	1059
R-INFRA GENERATION	504	514	515	518
MUMBAI DEMAND	3164	3209	3048	1880
STATE DEMAND MET	19670	19367	17484	15931
STATE DEMAND	19724	19413	17527	15977
Frequency (Hz)	49.94	49.87	49.94	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 07.01 Hrs	49.69 Hz at 22.05 Hrs	49.95	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 25/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	3.98	95.43	175	149
Total	3.98	162.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	90.37	0	0
Unit 4	11.90	207.70	510	480
Unit 5	0.00	179.70	0	0
Total	11.90	477.77		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.37	79.53	158	126
Unit 5	3.17	72.36	152	0
Unit 6	4.77	115.70	250	185
Unit 7	5.00	102.68	250	198
Total	16.31	370.27		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.29	82.09	141	130
Unit 3	4.87	107.71	209	194
Unit 4	4.58	88.58	198	185
Unit 5	10.32	212.22	450	412
Unit 6	10.01	185.59	434	400
Unit 7	9.29	225.93	420	307
Total	42.37	902.12		
Paras				
Unit 3	5.28	114.16	234	186
Unit 4	0.00	18.35	0	0
Total	5.28	132.51		
Khaparkheda				
Unit 1	3.95	101.31	185	135
Unit 2	3.85	95.14	165	150
Unit 3	3.96	98.23	197	142
Unit 4	4.46	105.40	200	171
Unit 5	11.96	256.04	508	480
Total	28.18	656.12		
Nasik				
Unit 3	4.78	109.44	205	190
Unit 4	4.49	109.02	194	173
Unit 5	4.32	105.95	186	170
Total	13.58	324.41		
Uran				
All Units	9.97	225.87	444	387
Total	9.97	225.87		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	2.65	33	0
Total	0.06	2.65		
Koyna				
Stage 1-2	6.97	96.30	535	40
Stage 4	11.22	77.53	1120	0
Stage 3	4.24	38.61	320	0
Total	22.42	212.44		
Hydro				
KDPH	0.44	5.52	19	18
VTRNA	0.04	24.78	42	0
TILLARI	0.22	6.89	63	0
BHTGR/VEER	0.06	0.95	3	2
BHIRA T.R.	0.27	3.34	40	0
RNGR+BHTSA	0.31	7.42	14	13
BHANDARDRA	0.48	8.36	20	19
ELDARY	0.39	1.30	18	15
SMLHY_PTN	0.81	17.04	34	33
GHATGHAR	0.51	23.57	125	0
Total	3.55	99.15		
Wind				
Total	5.45	175.15	0	0
Total	5.45	175.15		
CPP				
APML(Mus)	58.28	1164.91	0	0
JSWEL(Mus)	17.68	362.13	0	0
VIPL(Mus)	13.10	250.87	0	0
RPLAMT(Mus)	5.82	127.31	0	0
WPCL(Mus)	2.68	64.78	0	0
Other(Mus)	9.38	232.84	0	0
Total	106.94	2202.85		
SOLAR				
Total	1.04	29.72	0	0
Total	1.04	29.72		
Tata				
Trombay 5	11.68	217.36	493	443
Trombay 6	3.49	16.49	148	145
Trombay 7A	2.48	51.55	119	70
Trombay 7B	1.54	33.69	69	53
Trombay 8	5.98	135.86	251	246
TATA Hydro	4.02	67.74	447	0
Total	29.19	522.69		
R-INFRA				
1-2	12.37	273.11	520	498
Total	12.37	273.11		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.60	3026.06
MSPGCL Thml+Gas	131.57	3251.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	25.97	311.60
MSPGCL Total	157.54	3563.52

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.19	173.83
State Total	312.53	6767.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4961	851	431	6243	264	4402	0	4110	4214	-777	14346	63	14409	2305	16714	49.93
2	4968	632	431	6031	306	4392	0	3982	3800	-513	14016	46	14062	2076	16138	49.94
3	5056	158	432	5646	365	4394	0	4090	3967	-381	13991	46	14037	1958	15995	50.00
4	5034	143	432	5609	390	4494	0	4090	3861	-303	14051	46	14097	1880	15977	50.03
5	4992	149	436	5577	465	4396	0	4093	4074	-312	14200	46	14246	1845	16091	49.97
6	4980	375	437	5792	398	4462	0	4143	4305	-335	14622	49	14671	1913	16584	49.95
7	5002	979	435	6416	342	4517	4	4268	4449	-488	15240	101	15341	2025	17366	50.01
8	5008	1305	444	6757	209	4493	20	4394	4473	-614	15338	101	15439	2147	17586	50.03
9	4999	1667	394	7060	186	4500	60	4251	4612	-806	15612	99	15711	2434	18145	49.97
10	5034	1907	414	7355	255	4515	95	4531	4595	-1055	15760	65	15825	2786	18611	49.93
11	5077	1711	400	7188	271	4532	119	5165	5321	-1232	16199	50	16249	3071	19320	49.95
12	5063	1649	390	7102	379	4471	137	5270	5615	-1198	16506	54	16560	3164	19724	49.94
13	5168	1298	388	6854	184	4461	148	5191	5207	-1288	15566	56	15622	3196	18818	49.91
14	5200	1675	391	7266	143	4482	150	4789	5006	-1274	15773	51	15824	3126	18950	49.94
15	5189	1899	387	7475	114	4476	125	4816	5199	-1231	16158	46	16204	3209	19413	49.87
16	5083	1923	396	7402	77	4479	89	5062	5107	-1202	15952	44	15996	3216	19212	49.89
17	5097	1825	398	7320	97	4427	63	4781	4744	-1197	15454	51	15505	3210	18715	49.97
18	5108	946	395	6449	134	4412	27	4236	4076	-1227	13871	55	13926	3134	17060	49.99
19	5125	415	419	5959	172	4411	3	4210	4185	-1180	13550	39	13589	3041	16630	49.96
20	5117	862	422	6401	203	4403	0	4332	4615	-1186	14436	43	14479	3048	17527	49.94
21	5179	1233	424	6836	132	4404	0	4301	4303	-1144	14531	43	14574	2915	17489	50.01
22	5158	706	424	6288	122	4480	0	4280	4231	-1154	13967	45	14012	2820	16832	49.94
23	5051	636	423	6110	120	4486	0	4346	4505	-1182	14039	45	14084	2819	16903	49.87
24	4949	1025	427	6401	124	4456	0	4414	4380	-1084	14277	45	14322	2641	16963	49.94
MUs	121.60	25.97	9.97	157.54	5.45	106.95	1.04	107.14	108.84	-22.36	357.46	1.33	358.78	63.98	422.76	49.95

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 25/Mar/2015

Position as on 6.30 Hrs of 26/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	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
CENT.SECTOR	TARAPUR-3	540	18/03/2015	12.05		Continued.	Maintenance work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Handtripped due to ID Fan Problem.	
MSPGCL	Bhusawal Unit 5	500	20/03/2015	11.49		Continued.	BTL.	
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	Bhusawal Unit 3	210	23/03/2015	15.30		Continued.	BTL.	
MSPGCL	Parli Unit 5	210	25/03/2015	22.22		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 26/Mar/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	23/03/2015	16.35		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/03/2015	18.15	25/03/2015	06.25	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	25/03/2015	10.56	25/03/2015	15.56	PO	Testing Work
Dhule Sar'Sarovar II	InterState	25/03/2015	21.38		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	24/03/2015	17.01	25/03/2015	07.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/03/2015	22.00	25/03/2015	09.17	HT	Over Voltage
Kalwa - Kharghar	IntraState	25/03/2015	10.00	25/03/2015	16.32	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Chandrapur	IntraState	25/03/2015	10.45	25/03/2015	21.26	PO	Testing Work
400/220/33 Kv 315 Mva Ict- 2 @Padghe	IntraState	25/03/2015	10.56		Continued.	PO	LV side in shifted on TBC
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
Mahalakshmi Amona	InterState	25/03/2015	17.33	25/03/2015	20.25	T	Distance Protection
Tillari Amona	InterState	25/03/2015	17.33	25/03/2015	19.08	T	Distance Protection
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)
Bableshwar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Hinjawadi I- Chinchwad	IntraState	25/03/2015	09.17	25/03/2015	15.51	HT	urse-chinchwad line loading
Peth- Mudshingi 1 Line	IntraState	25/03/2015	12.31	25/03/2015	13.44	PO	signature analysis work
Lonikand-Vsnl	IntraState	25/03/2015	13.26	25/03/2015	13.54	PO	Attending Hot Spot
Kandalgaon - Pirangut	IntraState	25/03/2015	15.45	26/03/2015	02.00	HT	smoke in b-ph ct at khandelgaon
Halkarni-Mahalaxmiline	IntraState	25/03/2015	17.33	25/03/2015	20.45	T	Distance Protection
Halkarni - Tillari II	IntraState	25/03/2015	17.33	25/03/2015	18.10	T	Distance Protection
Pargaon(Kathapur)-Lonikand	IntraState	26/03/2015	00.09	26/03/2015	03.49	T	Distance Protection
Bableshwar- Alephata	IntraState	26/03/2015	05.21		Continued.	HT	to control ict loading at bblr
Bableshwar- Ranjangaon	IntraState	26/03/2015	06.18		Continued.	HT	to control ict loading at bblr
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 200 MVA ICT IV @Apta	IntraState	25/03/2015	08.05	25/03/2015	18.22	PO	sirengthening of damaged 220kv main bus
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	25/03/2015	10.26	25/03/2015	18.43	PO	Painting work
220/100 Kv 200 Mva Vijai Ict 3 @Kalwa	IntraState	26/03/2015	06.36		Continued.	PO	R.M.WORK
100 KV LINE Outages/Trippings							
Padghe - Bhiwandi 1	IntraState	25/03/2015	07.05	26/03/2015	03.40	T	Damage conductor work

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