

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/May/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.803	1524.999	1) Gujrat	-2.814	-48.186
2) Hydro	18.897	252.654	2) Madhya Pradesh	13.142	166.483
3) Gas	6.687	84.219	3) Chattisgarh	6.420	80.570
Total MSPGCL	151.387	1861.872	4) Maharashtra Net	97.344	1329.927
B) 1) APML	56.800	703.940	5) Goa	-7.080	-94.722
2) JSWEL	22.974	308.468	6) TAPS 1&2 Injection	3.302	42.996
3) VIPL	11.942	151.746	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.480	73.510	8) Pench (MS)	0.054	0.878
5) WPCL	9.391	108.055	9) Pench (Excess)	-0.054	-0.878
6) Other IPP	4.580	75.505	Total	110.260	1476.190
C) 1) TPCL Thermal	15.769	215.681	a) Mumbai Schedule	27.968	342.897
2) TPCL Hydro	4.161	47.008	b) Mumbai Drawl	31.686	359.945
3) TPCL Gas	3.237	39.505	c) MSEDCL Bilateral *	31.011	400.734
4) R-INFRA Thermal	11.408	155.463	Include PX	-0.340	6.058
D) STATE			d) Mumbai Bilateral *	27.968	342.847
1) Thermal	264.147	3317.367	Include PX	2.522	26.914
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro	23.058	299.662	H) ENERGY CATERED (MUs)		
3) Gas	9.924	123.724	1) MSEDCL	354.239	4579.525
4) Wind	12.061	163.808	2) Mumbai Discoms	66.257	817.597
6) SOLAR	1.050	15.498	TOTAL STATE	420.496	5397.122
TOTAL STATE	310.240	3920.059			

* 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 21 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5555	5755	4900	4825
MSPGCL Hydro	1863	1525	798	474
MSPGCL Gas	272	269	276	278
MSPGCL Total Generation	7690	7549	5974	5577
Central Sector Receipt	5208	5292	4259	4071
WIND	123	326	539	630
CPP / IPP	4813	4856	4169	4530
SOLAR	151	97	0	0
Exchange with Mumbai	-1468	-1527	-1415	-1455
MSEDCL DEMAND MET	16517	16593	13526	13353
Load Shedding	159	112	47	47
MSEDCL DEMAND	16676	16705	13573	13400
TPCL GENERATION	1262	1208	1048	938
R-INFRA GENERATION	504	515	380	380
MUMBAI DEMAND	3234	3250	2843	2773
STATE DEMAND MET	19751	19843	16369	16126
STATE DEMAND	19910	19955	16416	16173
Frequency (Hz)	49.97	49.97	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 17:04 Hrs	49.8 Hz at 09:42 Hrs	49.98	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 13/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.53	39.69	160	130
Unit 6	0.00	0.00	0	0
Unit 7	3.65	48.18	175	126
Total	7.18	87.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.42	137.69	505	365
Unit 5	10.46	133.35	500	375
Total	20.88	271.04		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.56	36.82	155	137
Unit 6	5.65	69.18	250	192
Unit 7	5.44	68.51	250	200
Total	14.66	183.67		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.09	30.79	135	122
Unit 3	4.57	58.96	200	171
Unit 4	0.00	47.75	0	0
Unit 5	9.99	33.33	435	373
Unit 6	9.54	91.62	420	365
Unit 7	9.12	123.51	416	303
Total	36.30	385.96		
Paras				
Unit 3	5.78	69.18	254	198
Unit 4	5.82	69.38	263	192
Total	11.60	138.55		
Khaparkheda				
Unit 1	4.16	53.74	200	150
Unit 2	3.74	46.92	175	125
Unit 3	3.88	41.17	212	0
Unit 4	4.35	54.55	188	170
Unit 5	5.52	106.23	470	0
Total	21.65	302.61		
Nasik				
Unit 3	4.64	59.93	210	180
Unit 4	4.46	53.29	194	177
Unit 5	4.44	42.09	194	179
Total	13.54	155.31		
Uran				
All Units	6.69	84.22	291	269
Total	6.69	84.22		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.05	0.88	47	0
Total	0.05	0.88		
Koyna				
Stage 1-2	4.96	68.60	420	40
Stage 4	6.94	94.27	1033	0
Stage 3	2.54	35.88	240	0
Total	14.44	198.75		
Hydro				
KDPH	0.41	6.54	17	17
VTRNA	0.98	11.82	61	0
TILLARI	0.37	4.84	64	0
BHTGR/VEER	0.05	0.82	3	2
BHIRA T.R.	0.25	2.37	40	0
RNGR+BHTSA	0.28	2.83	12	11
BHANDARDRA	0.30	3.16	13	12
ELDARY	0.23	1.86	10	9
SMLHY_PTN	0.70	9.39	36	26
GHATGHAR	0.90	10.26	125	0
Total	4.46	53.90		
Wind				
Total	12.06	163.81	0	0
Total	12.06	163.81		
CPP				
APML(Mus)	56.80	703.94	0	0
JSWEL(Mus)	22.97	308.47	0	0
VIPL(Mus)	11.94	151.75	0	0
RPLAMT(Mus)	5.48	73.51	0	0
WPCL(Mus)	9.39	108.06	0	0
Other(Mus)	4.58	75.50	0	0
Total	111.17	1421.22		
SOLAR				
Total	1.05	15.50	0	0
Total	1.05	15.50		
Tata				
Trombay 5	10.10	138.84	496	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	23.38	114	59
Trombay 7B	1.32	16.12	67	47
Trombay 8	5.67	76.84	250	200
TATA Hydro	4.16	47.01	407	0
Total	23.17	302.19		
R-INFRA				
1-2	11.41	155.46	520	380
Total	11.41	155.46		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.80	1525.00
MSPGCL Thml+Gas	132.49	1609.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	18.90	252.65
MSPGCL Total	151.39	1861.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	11.90	162.87
State Total	310.24	3920.06

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/May/2015

Annexure-2

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	5136	862	289	6287	667	4754	0	4492	4776	-1148	15336	70	15406	2670	18076	49.97
2	5255	382	290	5927	750	4598	0	4486	4783	-1162	14896	51	14947	2455	17402	49.98
3	5105	120	289	5514	679	4742	0	4457	4801	-1107	14629	51	14680	2296	16976	49.97
4	5100	166	290	5556	597	4608	0	4332	4623	-1009	14375	51	14426	2191	16617	49.97
5	5016	236	291	5543	576	4662	0	4199	4422	-965	14238	51	14289	2133	16422	49.97
6	5033	290	291	5614	525	4761	0	4338	4603	-965	14538	61	14599	2155	16754	50.00
7	5135	394	278	5807	428	4720	6	4365	4498	-972	14487	73	14560	2124	16684	50.00
8	5271	766	278	6315	395	4813	34	4439	4925	-1046	15436	88	15524	2204	17728	50.00
9	5341	735	276	6352	234	4803	67	4583	4570	-1167	14859	144	15003	2488	17491	49.96
10	5347	1528	276	7151	257	4782	115	4648	4383	-1311	15377	115	15492	2855	18347	49.92
11	5373	2050	275	7698	195	4803	137	4916	4543	-1363	16013	119	16132	3109	19241	49.95
12	5555	1863	272	7690	123	4813	151	5202	5208	-1468	16517	159	16676	3234	19910	49.97
13	5636	1641	271	7548	120	4746	143	5174	5080	-1522	16115	178	16293	3251	19544	50.00
14	5711	1561	269	7541	159	4785	131	5069	4854	-1489	15981	133	16114	3192	19306	50.01
15	5755	1525	269	7549	326	4856	97	5179	5292	-1527	16593	112	16705	3250	19955	49.97
16	5601	976	272	6849	503	4836	85	5086	4950	-1542	15681	62	15743	3259	19002	50.01
17	5594	655	275	6524	656	4824	53	4718	4437	-1540	14954	64	15018	3250	18268	50.10
18	5341	202	274	5817	847	4438	27	4612	4060	-1589	13600	53	13653	3127	16780	50.13
19	5052	343	277	5672	1026	4120	4	3997	4014	-1568	13268	46	13314	2955	16269	50.00
20	4995	499	277	5771	779	4018	0	4487	4350	-1528	13390	47	13437	2957	16394	49.92
21	4900	798	276	5974	539	4169	0	4351	4259	-1415	13526	47	13573	2843	16416	49.98
22	4851	465	277	5593	472	4422	0	4283	4304	-1429	13362	47	13409	2763	16172	49.99
23	4875	366	277	5518	578	4564	0	4249	4454	-1399	13715	47	13762	2727	16489	49.91
24	4825	474	278	5577	630	4530	0	4192	4071	-1455	13353	47	13400	2773	16173	49.94
MUs	125.80	18.90	6.69	151.39	12.06	111.17	1.05	109.85	110.26	-31.69	354.24	1.92	356.16	66.26	422.42	49.98

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 13/May/2015

Position as on 6.30 Hrs of 14/May/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.	Refueling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	26/06/2015
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.	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.	
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	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	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
MSPGCL	Khaparkheda Unit 5	500	10/05/2015	02.27	13/05/2015	09.35	Boiler Tube Leakage	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
MSPGCL	Chandrapur Unit 4	210	12/05/2015	09.18		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 10	80	13/05/2015	06.45	13/05/2015	16.20	CT Replacement work	
MSPGCL	Khaparkheda Unit 3	210	13/05/2015	19.15		Continued.	Turbine Pressure High	
TPC-G	Trombay 7B	60	14/05/2015	01.15		Continued.	Tripped on Over Voltage	
MSPGCL	Bhusawal Unit 5	500	14/05/2015	05.58		Continued.	Stator Earth Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2015

Statement-VII

Position as on 6.30 Hrs of 14/May/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
765 KV ICT Outages/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad	IntraState	13/05/2015	17.10	13/05/2015	21.10	T	Bucholz Protection Optd
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	04/05/2015	20.47		Continued.	EO	CB under lockout at Wardha PG end.
Dhule Sar'Sarovar I	InterState	12/05/2015	18.18	13/05/2015	07.03	HT	Over Voltage
Kolhapur Mapusa I	InterState	13/05/2015	03.39	13/05/2015	07.08	HT	Over Voltage
Wardha (PG)-Warora II	InterState	13/05/2015	11.53	13/05/2015	14.49	PO	Extention of DC source to control and Relay panel
Talegaon PG - Aurangabad - II	InterState	13/05/2015	15.40	13/05/2015	21.15	T	Distance Protection
Kolhapur Mapusa II	InterState	13/05/2015	17.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/05/2015	18.25		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	12/05/2015	18.06	13/05/2015	08.22	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	13/05/2015	07.20	13/05/2015	08.08	T	Distance Protection
Koradi-Bhusawal	IntraState	13/05/2015	11.03	13/05/2015	12.39	T	Distance Protection
karad -kolhapur-I	IntraState	13/05/2015	16.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/05/2015	20.46		Continued.	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	14/05/2015	00.34		Continued.	T	DT received from Deepnagar end
Kalwa - Talegaon(PG)	IntraState	14/05/2015	01.13		Continued.	PO	To attend Hot Spot
400 KV ICT Outages/Trippings							
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	13/05/2015	09.18	13/05/2015	20.18	PO	Annual Maintenance Work
400/220/33 Kv 500 MVA ICT-II @Lonikand	IntraState	13/05/2015	17.54	13/05/2015	18.25	T	NDR Operated
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	13/05/2015	17.54	13/05/2015	18.20	T	NDR Operated
220 KV LINE Outages/Trippings							
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.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Parvati - Hybrid Pass	IntraState	12/05/2015	08.44		Continued.	HT	load control at cinchwad
Nerul - Sonkhar	IntraState	13/05/2015	06.08	13/05/2015	08.53	PO	To attend Hot Spot
Talandage - Sawantwadi I	IntraState	13/05/2015	09.24	13/05/2015	19.41	PO	Insulator washing work
Deepnagar Khadaka 1	IntraState	13/05/2015	09.25	13/05/2015	17.52	PO	To attend Hot Spot
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	13/05/2015	09.42	13/05/2015	18.42	PO	OPGW replacement work
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	13/05/2015	09.42	13/05/2015	18.42	PO	OPGW replacement work
Karad - Vita Ckt- II	IntraState	13/05/2015	10.03	13/05/2015	15.02	PO	Replacement of Wavetrap Jumper
Wadkhal - Ndil 2	IntraState	13/05/2015	10.33		Continued.	PO	Erection of Mixed Gas Duct

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 13/May/2015

Statement-VII

Position as on 6.30 Hrs of 14/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhandara-Bhandara Rly Tss 2	IntraState	13/05/2015	10.55	13/05/2015	17.16	PO	Stringing of E/W
Theur-Jejuri	IntraState	13/05/2015	13.12		Continued.	T	Distance Protection
Nashik-Padgha	IntraState	13/05/2015	14.42	13/05/2015	17.25	HT	To control Bus section current in Nsk GCR(H/T from NSK end only)
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	13/05/2015	18.10	13/05/2015	22.17	PO	To attend Hot Spot
Nasik - Raymond	IntraState	13/05/2015	20.18	14/05/2015	02.06	T	Bus Bar Prot.operated at Raymond
Raymond - Washala	IntraState	13/05/2015	20.18	14/05/2015	02.52	T	Y phase Wave Trap Burst
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/33 Kv 100 Mva Areva Ptr 1 @Jamde	IntraState	13/05/2015	09.42	13/05/2015	10.32	PO	To attend Hot Spot
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	13/05/2015	10.39	13/05/2015	11.32	PO	To attend Hot Spot
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	13/05/2015	12.30	13/05/2015	13.38	PO	To attend Hot Spot
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	13/05/2015	20.18	14/05/2015	02.10	T	Bus Bar Prot.operated at Raymond
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	13/05/2015	20.18	14/05/2015	02.12	T	Bus Bar Prot.operated at Raymond
132 KV LINE Outages/Trippings							
Deepnagar(Gcr) -New Midc Jalgaon	IntraState	13/05/2015	20.18	13/05/2015	23.45	T	Distance Protection

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