

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/May/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.255	1279.122	1) Gujrat	-2.767	-41.968
2) Hydro	23.237	214.762	2) Madhya Pradesh	17.271	138.892
3) Gas	6.698	70.833	3) Chattisgarh	8.170	66.300
Total MSPGCL	148.190	1564.717	4) Maharashtra Net	105.545	1127.643
B) 1) APLM	44.590	590.900	5) Goa	-7.138	-80.856
2) JSWEL	24.085	261.098	6) TAPS 1&2 Injection	3.274	36.400
3) VIPL	12.926	127.992	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.930	62.140	8) Pench (MS)	0.046	0.576
5) WPCL	7.335	91.120	9) Pench (Excess)	-0.046	-0.576
6) Other IPP	5.560	66.214	Total	124.309	1245.835
C) 1) TPCL Thermal	16.892	183.620	a) Mumbai Schedule	28.612	286.119
2) TPCL Hydro	4.096	38.617	b) Mumbai Drawl	29.023	298.039
3) TPCL Gas	4.073	32.440	c) MSEDCL Bilateral *	33.358	339.954
4) R-INFRA Thermal	12.349	132.277	Include PX	-0.608	6.707
D) STATE			d) Mumbai Bilateral *	28.562	286.069
1) Thermal (A1+C1+C4+(B1-B6))	247.922	2794.483	Include PX	4.085	22.547
2) Hydro (A2+C2)	27.333	253.379	Include Standby	0.050	0.050
3) Gas (A3+C3)	10.771	103.273	H) ENERGY CATERED (MUs)		
4) Wind	13.946	142.119	1) MSEDCL	359.125	3867.937
6) SOLAR	1.277	13.265	2) Mumbai Discoms	66.434	684.994
TOTAL STATE	301.249	3306.519	TOTAL STATE	425.559	4552.931

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4942	4699	4937	4880
MSPGCL Hydro	2050	2006	1368	114
MSPGCL Gas	276	277	275	288
MSPGCL Total Generation	7268	6982	6580	5282
Central Sector Receipt	6050	5940	4717	4438
WIND	206	293	766	733
CPP / IPP	4260	4264	3843	4214
SOLAR	180	114	0	0
Exchange with Mumbai	-1455	-1470	-1285	-749
MSEDCL DEMAND MET	16509	16123	14621	13918
Load Shedding	152	916	67	67
MSEDCL DEMAND	16661	17039	14688	13985
TPCL GENERATION	1330	1349	1125	826
R-INFRA GENERATION	509	509	519	519
MUMBAI DEMAND	3294	3328	2929	2094
STATE DEMAND MET	19803	19451	17550	16012
STATE DEMAND	19955	20367	17617	16079
Frequency (Hz)	50.00	49.91	49.98	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.03 Hrs	49.69 Hz at 14.49 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 11/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.52	34.87	145	0
Unit 6	0.00	0.00	0	0
Unit 7	3.59	40.66	170	120
Total	4.11	75.53		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.46	116.40	500	355
Unit 5	11.35	111.99	500	430
Total	22.82	228.38		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.65	29.60	158	146
Unit 6	5.47	58.28	245	196
Unit 7	5.04	57.69	245	169
Total	14.16	154.73		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.53	24.32	152	144
Unit 3	4.68	49.70	198	186
Unit 4	4.30	46.18	185	163
Unit 5	10.37	13.34	450	378
Unit 6	9.85	72.22	425	395
Unit 7	9.65	104.47	435	337
Total	42.38	310.24		
Paras				
Unit 3	5.72	57.49	254	195
Unit 4	5.71	57.78	250	222
Total	11.44	115.27		
Khaparkheda				
Unit 1	4.44	45.33	200	155
Unit 2	4.16	40.61	185	160
Unit 3	0.60	33.00	133	0
Unit 4	4.27	46.22	186	155
Unit 5	0.00	100.71	0	0
Total	13.47	265.87		
Nasik				
Unit 3	4.87	50.66	210	185
Unit 4	0.46	45.25	188	0
Unit 5	4.55	33.19	198	173
Total	9.88	129.10		
Uran				
All Units	6.70	70.83	288	273
Total	6.70	70.83		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.05	0.58	24	0
Total	0.05	0.58		
Koyna				
Stage 1-2	6.00	57.59	485	40
Stage 4	9.89	80.88	1120	0
Stage 3	3.82	30.78	320	0
Total	19.72	169.26		
Hydro				
KDPH	0.41	5.72	17	17
VTRNA	0.90	9.98	61	0
TILLARI	0.38	4.10	64	0
BHTGR/VEER	0.06	0.71	3	2
BHIRA T.R.	0.14	1.96	40	0
RNGR+BHTSA	0.25	2.30	11	10
BHANDARDRA	0.00	2.74	0	0
ELDARY	0.24	1.40	11	9
SMLHY_PTN	0.67	7.86	34	25
GHATGHAR	0.47	8.73	125	0
Total	3.52	45.51		
Wind				
Total	13.95	142.12	0	0
Total	13.95	142.12		
CPP				
APML(Mus)	44.59	590.90	0	0
JSWEL(Mus)	24.08	261.10	0	0
VIPL(Mus)	12.93	127.99	0	0
RPLAMT(Mus)	5.93	62.14	0	0
WPCL(Mus)	7.34	91.12	0	0
Other(Mus)	5.56	66.21	0	0
Total	100.43	1199.46		
SOLAR				
Total	1.28	13.26	0	0
Total	1.28	13.26		
Tata				
Trombay 5	10.93	118.10	499	395
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	19.11	119	84
Trombay 7B	1.53	13.33	68	56
Trombay 8	5.96	65.52	251	240
TATA Hydro	4.10	38.62	420	0
Total	25.06	254.68		
R-INFRA				
1-2	12.35	132.28	519	479
Total	12.35	132.28		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.26	1279.12
MSPGCL Thml+Gas	124.95	1349.96

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.24	214.76
MSPGCL Total	148.19	1564.72

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	15.89	138.47
State Total	301.25	3306.52

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/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 SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4977	974	282	6233	698	4459	0	4735	4989	-1261	15118	71	15189	2556	17745	49.99
2	5026	455	282	5763	701	4208	0	4721	5388	-1014	15046	67	15113	2374	17487	49.99
3	5089	274	282	5645	650	4171	0	4499	5166	-886	14746	67	14813	2234	17047	50.00
4	4953	256	285	5494	680	4194	0	4381	4951	-791	14528	67	14595	2133	16728	50.05
5	4880	114	288	5282	733	4214	0	4519	4438	-749	13918	67	13985	2094	16079	50.03
6	4896	104	286	5286	806	4155	0	4909	4845	-771	14321	72	14393	2113	16506	50.03
7	4937	109	288	5334	616	4254	8	4994	5132	-754	14590	99	14689	2091	16780	50.03
8	4976	161	282	5419	416	4224	34	5005	5616	-865	14844	97	14941	2228	17169	50.02
9	4976	514	280	5770	306	4254	83	5108	5409	-1099	14723	96	14819	2504	17323	50.02
10	4947	1467	277	6691	342	4249	106	5277	5431	-1240	15579	99	15678	2872	18550	49.96
11	4963	1948	276	7187	343	4274	165	5659	5787	-1346	16410	114	16524	3188	19712	49.98
12	4942	2050	276	7268	206	4260	180	5585	6050	-1455	16509	152	16661	3294	19955	50.00
13	4895	2123	273	7291	108	4270	182	5474	5755	-1544	16062	207	16269	3356	19625	49.94
14	4895	2182	274	7351	160	4230	162	5317	5712	-1770	15845	274	16119	3311	19430	49.92
15	4896	2046	275	7217	170	4217	135	5526	5742	-1608	15873	657	16530	3321	19851	49.84
16	4699	2006	277	6982	293	4264	114	5349	5940	-1470	16123	916	17039	3328	20367	49.91
17	4788	1632	277	6697	531	4247	81	4976	5303	-1427	15432	878	16310	3287	19597	49.99
18	4800	819	277	5896	748	4193	24	4631	4879	-1445	14295	389	14684	3163	17847	50.02
19	4767	641	277	5685	754	3877	3	3965	4108	-1269	13158	68	13226	2939	16165	49.98
20	4937	1368	275	6580	766	3843	0	4556	4717	-1285	14621	67	14688	2929	17617	49.98
21	5030	697	277	6004	1053	3891	0	4764	4623	-1213	14358	62	14420	2863	17283	50.02
22	4982	385	277	5644	956	3967	0	4765	4989	-1197	14359	58	14417	2738	17155	50.00
23	5015	524	277	5816	953	4177	0	4810	4464	-1256	14154	50	14204	2750	16954	49.92
24	4989	388	278	5655	957	4334	0	4904	4876	-1308	14514	47	14561	2767	17328	49.99
MUs	118.26	23.24	6.70	148.19	13.95	100.43	1.28	118.43	124.31	-29.02	359.13	4.74	363.87	66.43	430.30	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 11/May/2015

Position as on 6.30 Hrs of 12/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.	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.	
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 reqirment	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
IPP	Adani U-2	660	06/05/2015	04.23	11/05/2015	21.00	FRS MOV Bonnet leakage.	
MSPGCL	Khaparkheda Unit 3	210	08/05/2015	17.41	11/05/2015	18.24	Flame Failure	
MSPGCL	Khaparkheda Unit 5	500	10/05/2015	02.27		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
MSPGCL	Koradi Unit 5	200	11/05/2015	04.20		Continued.	I D Fan Bearing Temp.High.	
MSPGCL	Nasik Unit 4	210	11/05/2015	04.30	12/05/2015	04.00	Gland Cooler Leakage.	
IPP	WPCL U-3	135	11/05/2015	18.19	11/05/2015	22.32	220kv warora circuit 1 & 2 Tripped.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/May/2015

Position as on 6.30 Hrs of 12/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	WPCL U-2	135	11/05/2015	18.19		Continued.	220kv warora circuit 1 & 2 Tripped.	
CPP	WPCL U-4	135	11/05/2015	18.19	12/05/2015	04.40	220kv warora circuit 1 & 2 Tripped.	
CPP	WPCL U-1	135	11/05/2015	18.19		Continued.	220kv warora circuit 1 & 2 Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2015

Statement-VII

Position as on 6.30 Hrs of 12/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
400 KV LINE Outages/Trippings								
Wardha (PG)-Warora II	InterState	04/05/2015	20.47			Continued.	EO	CB under lockout at Wardha PG end.
Kolhapur Mapusa I	InterState	10/05/2015	16.40	11/05/2015	08.46		HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/05/2015	17.55			Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	11/05/2015	17.19			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
Padghe - Kalwa- I	IntraState	10/05/2015	09.45	11/05/2015	11.38		PO	29B Isolator Maintenance Work.
karad -kolhapur-II	IntraState	10/05/2015	16.24	11/05/2015	08.30		HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/05/2015	17.45	11/05/2015	06.04		HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/05/2015	09.50	11/05/2015	12.54		PO	PID Work.
karad -kolhapur-I	IntraState	11/05/2015	17.13			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/05/2015	21.42	12/05/2015	06.27		HT	Over Voltage
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
Khadka-Bhadli-2	IntraState	06/05/2015	13.28			Continued.	HT	Compressor problem at Bhadli end
Niwali - Pawas Line	IntraState	11/05/2015	09.44	11/05/2015	17.30		PO	Routine Maintenance Work
Talandge(400kv)- Sawantwadi(Insul	IntraState	11/05/2015	10.16	11/05/2015	18.42		PO	Line Maintenance work
V Warora - Waroralytss1	IntraState	11/05/2015	18.11	11/05/2015	19.21		T	Distance Protection
Wpcl-Warora 1	IntraState	11/05/2015	18.14	11/05/2015	19.30		T	Distance Protection
Wpcl-Warora 2	IntraState	11/05/2015	18.19	11/05/2015	19.20		T	Distance Protection
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 150 MVA ICT @Boisar-II	IntraState	11/05/2015	09.33	11/05/2015	10.40		PO	Bird Nest Remove Work on TF.
132 KV LINE Outages/Trippings								
Waghala (Nanded2) - Elichpur	IntraState	09/05/2015	21.37			Continued.	T	132 KV Bus Bar Protection Operated.
Khadka - Savda	IntraState	11/05/2015	04.02			Continued.	T	B Ph to Ground.
Dhule- Nardane	IntraState	11/05/2015	11.16	11/05/2015	16.31		T	Distance Protection

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