

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/May/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.534	2913.505	1) Gujrat	5.628	-31.498
2) Hydro	25.643	502.022	2) Madhya Pradesh	15.004	307.985
3) Gas	6.605	157.123	3) Chattisgarh	6.430	150.870
Total MSPGCL	146.782	3572.650	4) Maharashtra Net	88.713	2374.463
B) 1) APML	45.130	1296.320	5) Goa	-6.657	-176.271
2) JSWEL	14.637	483.747	6) TAPS 1&2 Injection	3.242	79.106
3) VIPL	9.203	261.728	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	3.550	124.470	8) Pench (MS)	0.099	2.141
5) WPCL	7.899	196.207	9) Pench (Excess)	-0.099	-1.920
6) Other IPP	6.165	135.127	Total	112.261	2702.735
C) 1) TPCL Thermal	14.923	393.282	a) Mumbai Schedule	19.852	617.226
2) TPCL Hydro	0.974	83.640	b) Mumbai Drawl	24.862	698.709
3) TPCL Gas	3.685	74.707	c) MSEDCL Bilateral *	28.833	737.050
4) R-INFRA Thermal	11.154	276.336	Include PX	0.060	1.727
D) STATE			d) Mumbai Bilateral *	19.852	615.226
1) Thermal	227.195	6080.722	Include PX	3.086	55.456
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro (A2+C2)	26.617	585.662	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.290	231.830	1) MSEDCL	355.511	8484.784
4) Wind	33.425	379.484	2) Mumbai Discoms	55.595	1526.669
6) SOLAR	1.321	29.105	TOTAL STATE	411.106	10011.453
TOTAL STATE	298.848	7306.803			

* 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 8 Hrs
MSPGCL Thermal	4849	4717	4563	4899
MSPGCL Hydro	1496	1911	1458	592
MSPGCL Gas	274	275	274	274
MSPGCL Total Generation	6619	6903	6295	5765
Central Sector Receipt	5140	4917	4141	4190
WIND	1161	1215	1406	1390
CPP / IPP	3385	3544	4006	3480
SOLAR	181	117	0	40
Exchange with Mumbai	-915	-1032	-1330	-526
MSEDCL DEMAND MET	15571	15664	14518	14339
Load Shedding	42	40	40	43
MSEDCL DEMAND	15613	15704	14558	14382
TPCL GENERATION	884	870	781	965
R-INFRA GENERATION	517	518	379	517
MUMBAI DEMAND	2316	2420	2490	2008
STATE DEMAND MET	17887	18084	17008	16347
STATE DEMAND	17929	18124	17048	16390
Frequency (Hz)	49.93	49.94	49.95	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 19.20 Hrs	49.73 Hz at 22.04 Hrs	49.97	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 24/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.50	79.59	160	115
Unit 6	0.00	0.00	0	0
Unit 7	3.49	89.72	160	125
Total	6.98	169.31		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.31	243.78	410	375
Unit 5	0.00	225.00	0	0
Total	9.31	468.78		
Parli				
Unit 3	3.62	34.88	158	145
Unit 4	0.00	0.00	0	0
Unit 5	0.00	71.37	0	0
Unit 6	4.63	123.83	240	181
Unit 7	4.66	109.37	223	176
Total	12.91	339.45		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.20	66.06	149	0
Unit 3	4.02	94.01	173	163
Unit 4	4.00	86.41	170	164
Unit 5	9.13	138.16	394	360
Unit 6	8.95	193.32	380	365
Unit 7	8.92	222.28	385	298
Total	37.22	800.24		
Paras				
Unit 3	4.74	122.62	213	185
Unit 4	4.40	127.18	216	0
Total	9.14	249.79		
Khaparkheda				
Unit 1	3.68	97.68	170	145
Unit 2	3.59	86.54	170	135
Unit 3	3.92	85.83	180	153
Unit 4	3.76	98.80	171	151
Unit 5	9.70	217.53	420	386
Total	24.65	586.39		
Nasik				
Unit 3	4.88	104.03	205	200
Unit 4	4.76	103.39	204	194
Unit 5	4.68	92.13	199	191
Total	14.32	299.55		
Uran				
All Units	6.60	157.12	280	272
Total	6.60	157.12		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	2.14	43	0
Total	0.10	2.14		
Koyna				
Stage 1-2	5.04	127.09	455	50
Stage 4	13.60	210.64	1082	0
Stage 3	4.38	74.05	320	0
Total	23.02	411.79		
Hydro				
KDPH	0.37	10.81	16	15
VTRNA	0.00	20.02	0	0
TILLARI	0.37	6.98	62	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.16	4.40	80	0
RNGR+BHTSA	0.24	4.99	10	9
BHANDARDRA	0.28	5.61	34	0
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.84	17.11	41	32
GHATGHAR	0.36	16.50	233	0
Total	2.62	90.24		
Wind				
Total	33.42	379.48	0	0
Total	33.42	379.48		
CPP				
APML(Mus)	45.13	1296.32	0	0
JSWEL(Mus)	14.64	483.75	0	0
VIPL(Mus)	9.20	261.73	0	0
RPLAMT(Mus)	3.55	124.47	0	0
WPCL(Mus)	7.90	196.21	0	0
Other(Mus)	6.16	135.09	0	0
Total	86.58	2497.56		
SOLAR				
Total	1.32	29.10	0	0
Total	1.32	29.10		
Tata				
Trombay 5	9.48	254.06	496	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	44.56	115	60
Trombay 7B	1.43	30.15	67	48
Trombay 8	5.44	139.23	250	200
TATA Hydro	0.97	83.64	161	0
Total	19.58	551.63		
R-INFRA				
1-2	11.15	276.34	520	379
Total	11.15	276.34		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.53	2913.50
MSPGCL Thml+Gas	121.14	3070.63

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	25.64	502.02
MSPGCL Total	146.78	3572.65

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.64	337.73
State Total	298.85	7306.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/May/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	4914	1681	277	6872	1444	3831	0	4628	4928	-1457	15618	61	15679	2601	18280	49.97
2	4893	1328	280	6501	1452	3796	0	4656	4660	-1394	15015	42	15057	2442	17499	49.95
3	4845	1000	279	6124	1515	3873	0	4585	4959	-1292	15179	42	15221	2299	17520	49.95
4	4823	579	279	5681	1616	3835	0	4508	4696	-1141	14687	42	14729	2197	16926	49.97
5	4845	235	277	5357	1515	3703	0	4469	4849	-717	14707	42	14749	2172	16921	49.99
6	4876	235	276	5387	1635	3505	0	4349	4811	-625	14713	42	14755	2155	16910	49.99
7	4826	573	276	5675	1434	3444	5	4327	4726	-542	14742	43	14785	2054	16839	50.03
8	4899	592	274	5765	1390	3480	40	4363	4190	-526	14339	43	14382	2008	16390	50.05
9	4850	488	274	5612	1363	3438	88	4419	4910	-656	14755	46	14801	2067	16868	50.08
10	4811	779	274	5864	1224	3450	131	4637	5062	-704	15027	46	15073	2126	17199	50.02
11	4866	1191	274	6331	1210	3301	151	4566	5185	-817	15361	44	15405	2239	17644	49.98
12	4849	1496	274	6619	1161	3385	181	4570	5140	-915	15571	42	15613	2316	17929	49.93
13	4719	1659	273	6651	1178	3211	180	4738	5028	-955	15293	42	15335	2347	17682	49.92
14	4718	1369	272	6359	1153	3320	168	4749	5177	-954	15223	40	15263	2357	17620	49.94
15	4720	1533	273	6526	1111	3325	151	4734	5139	-1017	15235	40	15275	2404	17679	49.92
16	4717	1911	275	6903	1215	3544	117	4727	4917	-1032	15664	40	15704	2420	18124	49.94
17	4713	1600	276	6589	1378	3478	74	4578	4617	-1010	15126	40	15166	2359	17525	49.99
18	4741	466	274	5481	1509	3460	32	4002	4167	-1106	13543	40	13583	2244	15827	50.03
19	4702	411	276	5389	1495	3487	3	3409	3864	-1121	13117	40	13157	2201	15358	50.09
20	4623	1429	276	6328	1497	3609	0	3927	4048	-1218	14264	40	14304	2379	16683	49.99
21	4563	1458	274	6295	1406	4006	0	4361	4141	-1330	14518	40	14558	2490	17048	49.95
22	4610	1170	273	6053	1387	4034	0	4401	4088	-1388	14174	40	14214	2520	16734	49.93
23	4758	1067	274	6099	1618	4044	0	4415	4433	-1467	14727	40	14767	2573	17340	49.90
24	4653	1393	275	6321	1519	4025	0	4568	4523	-1478	14910	40	14950	2628	17578	49.87
MUs	114.53	25.64	6.61	146.78	33.42	86.58	1.32	106.69	112.26	-24.86	355.51	1.02	356.53	55.60	412.12	49.97

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 24/May/2015

Position as on 6.30 Hrs of 25/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	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
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	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	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Bhusawal Unit 5	500	23/05/2015	16.23		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 5	210	23/05/2015	20.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	24/05/2015	10.06	24/05/2015	13.08	Boiler Feed Pump Tripped.	
MSPGCL	Chandrapur Unit 2	210	24/05/2015	12.04	24/05/2015	18.55	Furnace Pressure High	
MSPGCL	Paras Unit 4	250	24/05/2015	19.28	24/05/2015	21.22	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2015

Statement-VII

Position as on 6.30 Hrs of 25/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	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar II	InterState	22/05/2015	19.02	24/05/2015	10.10	HT	After Complition of Outage CKT ready for Charging.
Kolhapur Mapusa II	InterState	24/05/2015	16.13	24/05/2015	23.16	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/05/2015	18.04		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	24/05/2015	18.13	24/05/2015	22.38	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBL SR ICT loading.
karad -kolhapur-II	IntraState	23/05/2015	16.34	24/05/2015	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/05/2015	17.13	24/05/2015	09.01	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/05/2015	18.04	24/05/2015	08.45	HT	Over Voltage
Koradi-Bhusawal	IntraState	23/05/2015	19.04	24/05/2015	00.20	PO	Red Hot on Y Ph Line Isolator.
New Koyna -Koyna Stage IV-I	IntraState	24/05/2015	08.19	24/05/2015	15.19	PO	Cold Line Insulator Washing Work.
karad -kolhapur-I	IntraState	24/05/2015	16.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2015	17.26		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/05/2015	17.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT- I @Koradi	IntraState	18/05/2015	11:47		Continued.	PO	Dismantling and Errection of Duct with LA.
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	24/05/2015	04.36	24/05/2015	10.39	PO	Maintenance Work.
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
Boisar(M) - Ghodbunder	IntraState	24/05/2015	04.04	24/05/2015	10.51	HT	For Boisar-2(M)-PG-I Outage.
Boisar Versova Line	IntraState	24/05/2015	04.30	24/05/2015	16.12	HT	For Boisar-2(M)-PG-I Outage.
Boisar II - PGCIL I	IntraState	24/05/2015	04.36	24/05/2015	10.39	PO	Routine Maintenance Work
Kalwa - Mulund 1	IntraState	24/05/2015	05.02	24/05/2015	09.44	PO	Maintenance Work.
Nashik-Padgha	IntraState	24/05/2015	07.35		Continued.	PO	A/R Out.
Dahanu Versova	IntraState	24/05/2015	10.38	24/05/2015	10.38	T	A/R Succssful
Jejuri-Phursungi 2	IntraState	24/05/2015	11.02	24/05/2015	13.36	PO	Attending Hot Spot
Padgha - Temghar I	IntraState	24/05/2015	11.06	24/05/2015	21.05	PO	To Avail Outage on Bus B at Padgha End.
Kalwa-Salsette-VI	IntraState	24/05/2015	12.10	24/05/2015	18.42	PO	Cross ARM Painting Work.
Bus B @ Padaghe	IntraState	24/05/2015	12.47	24/05/2015	17.58	PO	Commissioning of Hybrid Pass.

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 24/May/2015

Statement-VII

Position as on 6.30 Hrs of 25/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshwar- Bableshwar-I	IntraState	24/05/2015	17.15	24/05/2015	22.43	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	22/05/2015	07.18	24/05/2015	19.18	PO	Replacement of 2 No. of HV Bushing(R & Y Ph) & Filtration of ICT.
132 KV LINE Outages/Trippings							
Paras-Malkapur	IntraState	23/05/2015	00.18	24/05/2015	09.20	HT	For Akola ICT Loading.
Buldana-Motala	IntraState	23/05/2015	00.50	24/05/2015	09.25	HT	For Akola ICT Loading.
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.

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