

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jun/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.290	266.038	1) Gujrat	-0.361	-1.159
2) Hydro	9.272	17.145	2) Madhya Pradesh	13.171	26.428
3) Gas	6.676	13.333	3) Chattisgarh	5.660	5.850
Total MSPGCL	148.238	296.516	4) Maharashtra Net	100.669	206.321
B) 1) APLM	57.380	115.300	5) Goa	-7.483	-14.750
2) JSWEL	15.053	32.995	6) TAPS 1&2 Injection	0.000	2.930
3) VIPL	11.247	22.927	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.550	11.250	8) Pench (MS)	0.000	0.015
5) WPCL	4.656	9.188	9) Pench (Excess)	0.000	-0.015
6) Other IPP	5.501	11.058	Total	111.656	225.605
C) 1) TPCL Thermal	15.690	29.233	a) Mumbai Schedule	29.554	59.136
2) TPCL Hydro	4.813	10.120	b) Mumbai Drawl	31.306	64.730
3) TPCL Gas	2.588	5.626	c) MSEDCL Bilateral *	27.202	54.068
4) R-INFRA Thermal	12.394	24.452	Include PX	-0.017	0.080
D) STATE			d) Mumbai Bilateral *	29.554	59.136
1) Thermal	259.761	522.441	Include PX	1.742	2.790
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	14.085	27.265	H) ENERGY CATERED (MUs)		
3) Gas	9.264	18.959	1) MSEDCL	355.083	710.480
4) Wind	25.855	47.861	2) Mumbai Discoms	66.791	134.158
6) SOLAR	1.253	2.495	TOTAL STATE	421.874	844.638
TOTAL STATE	310.218	619.021			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5876	5600	5020	5061
MSPGCL Hydro	816	1220	256	222
MSPGCL Gas	281	272	274	273
MSPGCL Total Generation	6973	7092	5550	5556
Central Sector Receipt	4884	5747	5050	4620
WIND	905	770	1258	1033
CPP / IPP	4213	4299	3857	3877
SOLAR	151	108	0	0
Exchange with Mumbai	-1450	-1605	-1399	-1368
MSEDCL DEMAND MET	15676	16411	14316	13718
Load Shedding	48	44	44	44
MSEDCL DEMAND	15724	16455	14360	13762
TPCL GENERATION	1207	1194	984	888
R-INFRA GENERATION	516	507	518	519
MUMBAI DEMAND	3173	3306	2901	2775
STATE DEMAND MET	18849	19717	17217	16493
STATE DEMAND	18897	19761	17261	16537
Frequency (Hz)	49.97	49.96	49.99	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 00:31 Hrs	49.72 Hz at 13:53 Hrs	49.96	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 02/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.36	6.66	150	125
Unit 6	0.00	0.00	0	0
Unit 7	1.47	5.06	143	0
Total	4.82	11.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.66	20.90	500	375
Unit 5	10.49	20.67	510	370
Total	21.16	41.57		
Parli				
Unit 3	3.56	7.17	155	132
Unit 4	0.00	0.00	0	0
Unit 5	3.55	7.12	152	142
Unit 6	4.41	10.10	250	0
Unit 7	5.53	11.02	248	194
Total	17.06	35.42		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.26	3.56	152	96
Unit 3	4.48	8.90	199	139
Unit 4	4.30	8.48	188	156
Unit 5	9.89	19.56	435	375
Unit 6	9.50	18.86	410	370
Unit 7	8.41	17.27	389	305
Total	39.84	76.63		
Paras				
Unit 3	5.75	10.78	258	194
Unit 4	5.53	10.43	254	197
Total	11.28	21.22		
Khaparkheda				
Unit 1	3.40	7.55	170	130
Unit 2	3.42	7.44	155	130
Unit 3	3.77	8.28	200	147
Unit 4	3.60	7.58	163	142
Unit 5	10.11	21.04	495	381
Total	24.30	51.90		
Nasik				
Unit 3	4.66	9.31	205	185
Unit 4	4.60	9.18	204	180
Unit 5	4.57	9.09	204	178
Total	13.83	27.58		
Uran				
All Units	6.68	13.33	284	270
Total	6.68	13.33		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.02	0	0
Total	0.00	0.02		
Koyna				
Stage 1-2	3.84	6.18	470	40
Stage 4	1.14	3.30	362	0
Stage 3	1.37	2.19	160	0
Total	6.34	11.67		
Hydro				
KDPH	0.35	0.70	15	14
VTRNA	0.92	1.73	61	0
TILLARI	0.25	0.62	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.42	80	0
RNGR+BHTSA	0.22	0.45	10	9
BHANDARDRA	0.14	0.36	6	5
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	0.40	13	4
GHATGHAR	0.59	0.81	125	0
Total	2.93	5.48		
Wind				
Total	25.86	47.86	0	0
Total	25.86	47.86		
CPP				
APML(Mus)	57.38	115.30	0	0
JSWEL(Mus)	15.05	33.00	0	0
VIPL(Mus)	11.25	22.93	0	0
RPLAMT(Mus)	5.55	11.25	0	0
WPCL(Mus)	4.66	9.19	0	0
Other(Mus)	5.50	11.06	0	0
Total	99.39	202.72		
SOLAR				
Total	1.25	2.50	0	0
Total	1.25	2.50		
Tata				
Trombay 5	6.20	12.03	450	243
Trombay 6	3.63	5.66	153	151
Trombay 7A	1.44	3.21	60	60
Trombay 7B	1.15	2.41	49	47
Trombay 8	5.86	11.54	247	241
TATA Hydro	4.81	10.12	456	0
Total	23.09	44.98		
R-INFRA				
1-2	12.39	24.45	519	507
Total	12.39	24.45		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	132.29	266.04
MSPGCL Thml+Gas	138.97	279.37

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.27	17.14
MSPGCL Total	148.24	296.52

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.97	9.48
State Total	310.22	619.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Jun/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	5691	620	282	6593	1491	4327	0	4587	4135	-1437	15109	84	15193	2708	17901	49.99
2	5759	192	283	6234	1375	4343	0	4457	3948	-1216	14684	44	14728	2488	17216	50.00
3	5491	74	282	5847	1353	4141	0	4459	4290	-1078	14553	44	14597	2345	16942	49.95
4	5495	74	283	5852	1383	4140	0	4376	4143	-976	14542	44	14586	2243	16829	50.02
5	5490	89	282	5861	1339	4126	0	4320	4131	-900	14557	48	14605	2169	16774	49.99
6	5529	79	283	5891	1189	4159	0	4311	4343	-892	14690	48	14738	2157	16895	49.97
7	5604	134	283	6021	1134	4149	4	4376	4212	-856	14664	48	14712	2122	16834	50.02
8	5827	164	281	6272	1050	4236	35	4443	4021	-955	14659	48	14707	2220	16927	50.06
9	5903	169	284	6356	1123	4292	83	4592	4230	-1151	14933	48	14981	2545	17526	49.96
10	5917	478	283	6678	913	4247	129	4782	4578	-1212	15333	48	15381	2872	18253	49.92
11	5876	816	281	6973	905	4213	151	4973	4884	-1450	15676	48	15724	3173	18897	49.97
12	5721	863	280	6864	912	4323	166	5081	4844	-1528	15581	48	15629	3236	18865	49.91
13	5825	453	280	6558	865	4265	174	5283	5395	-1571	15686	50	15736	3274	19010	49.91
14	5801	476	280	6557	776	4284	154	5096	5370	-1521	15620	44	15664	3214	18878	49.86
15	5781	714	270	6765	727	4249	140	5333	5077	-1587	15371	44	15415	3298	18713	49.90
16	5600	1220	272	7092	770	4299	108	5368	5747	-1605	16411	44	16455	3306	19761	49.96
17	5438	950	271	6659	825	4226	74	5194	5432	-1583	15633	44	15677	3287	18964	49.92
18	5040	162	273	5475	1033	4030	30	4795	5186	-1579	14175	44	14219	3139	17358	50.00
19	4940	206	272	5418	1146	3788	5	4464	4343	-1465	13235	44	13279	2907	16186	50.01
20	5020	256	274	5550	1258	3857	0	4669	5050	-1399	14316	44	14360	2901	17261	49.99
21	5253	187	275	5715	1184	3967	0	4686	4267	-1361	13772	44	13816	2830	16646	49.99
22	5240	152	273	5665	1124	3944	0	4686	4428	-1350	13811	44	13855	2757	16612	49.99
23	5061	222	273	5556	1033	3877	0	4676	4620	-1368	13718	44	13762	2775	16537	49.92
24	4988	522	276	5786	947	3905	0	4655	4982	-1266	14354	40	14394	2825	17219	49.92
MUs	132.29	9.27	6.68	148.24	25.85	99.39	1.25	113.66	111.66	-31.31	355.08	1.13	356.21	66.79	423.00	49.96

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 02/Jun/2015

Position as on 6.30 Hrs of 03/Jun/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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		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	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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.	
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	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	01/06/2015	00.00		Continued.	ESP bag filter puring header heavy Leakage.	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
CENT.SECTOR	Tarapur 2	160	01/06/2015	22.42		Continued.	Primary system Leakage.	
MSPGCL	Koradi Unit 7	210	02/06/2015	11.05		Continued.	Leakage at Chimany base.	
MSPGCL	Parli Unit 6	250	02/06/2015	15.30	02/06/2015	18.44	BLR Pressure high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 03/Jun/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.
Koradi-III - Akola-II ckt-I	IntraState	02/06/2015	15.08		Continued.	T	Distance Protection
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	01/06/2015	17.20	02/06/2015	09.03	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	02/06/2015	12.01	02/06/2015	18.34	EO	Jumper connection work.
Kolhapur Mapusa I	InterState	02/06/2015	18.02		Continued.	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	02/06/2015	18.46	02/06/2015	19.28	T	Distance Protection
Akola II - RPL(Rattanindia) 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 BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	31/05/2015	03.39		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	01/06/2015	21.33	02/06/2015	07.53	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	02/06/2015	09.48	02/06/2015	21.32	PO	A/R out OPGW work.
Bhusawal-Aurangabad	IntraState	02/06/2015	18.30		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	02/06/2015	18.35		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	02/06/2015	19.22	02/06/2015	20.25	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	02/06/2015	10.33		Continued.	PO	P.M. and Testing work.
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.
Temghar - Kalwa	IntraState	29/05/2015	12.18		Continued.	PO	Taken on TBC,Hot Spot on Y Ph Bus Isolator.(upto Two Days)
Boisar II - PGCIL II	IntraState	31/05/2015	05.38		Continued.	PO	Removing Jumper @ IOC No.-17 Conceting to New Gantry @ PGCIL End.
Kalwa - Mulund 1	IntraState	02/06/2015	05.11	02/06/2015	11.20	PO	Y Phase Stub Bus Hot Spot Kalwa End.
Mahad - Posco	IntraState	02/06/2015	08.07	02/06/2015	22.40	PO	Bus Streghtening Work.
Nagothane - Spcl	IntraState	02/06/2015	08.40	02/06/2015	14.57	PO	Relay testing and Maint work.
Wadkhal - Ipci 1	IntraState	02/06/2015	10.00	02/06/2015	15.41	PO	Line Maintenance work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	02/06/2015	10.42	02/06/2015	16.47	PO	Relay testing work.
Bhugaon - Iipl	IntraState	02/06/2015	10.50	02/06/2015	12.30	PO	CRM and timing of CB.
Kandalgaon - Topworth	IntraState	02/06/2015	11.12	02/06/2015	18.15	PO	P.M.Work.
Warora - Wardha	IntraState	02/06/2015	18.28	02/06/2015	21.46	T	Distance Protection
Kharghar - Nerul	IntraState	02/06/2015	20.27	03/06/2015	05.21	T	Dist Prot,Conductor Snap.
Kharghar - Kalwa	IntraState	03/06/2015	01.41	03/06/2015	05.07	HT	To attend conductor snap work on 220KV khargar-Nerul line.
Kharghar Trombay	IntraState	03/06/2015	01.51	03/06/2015	05.16	HT	To attend conductor snap work on 220KV khargar-Nerul line.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Internal 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 02/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 03/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							
220/132 Kv 200 Mva Alsthom Ict 1 @Kaulewada	IntraState	02/06/2015	08.48	02/06/2015	17.25	PO	For repl of LVCT due to hight tan delta value
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	02/06/2015	09.03	02/06/2015	11.34	PO	P.M.Work.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	02/06/2015	09.50	02/06/2015	17.35	PO	Q.M.& Testing work.
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.