

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jun/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.521	506.467	1) Gujrat	-3.880	-9.416
2) Hydro	32.026	71.422	2) Madhya Pradesh	17.042	59.612
3) Gas	6.594	26.572	3) Chattisgarh	6.660	18.770
Total MSPGCL	157.141	604.461	4) Maharashtra Net	106.890	419.501
B) 1) APML	58.030	231.040	5) Goa	-7.624	-30.198
2) JSWEL	17.309	66.733	6) TAPS 1&2 Injection	0.000	2.930
3) VIPL	13.116	48.023	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.550	22.330	8) Pench (MS)	0.228	0.455
5) WPCL	4.773	18.736	9) Pench (Excess)	-0.228	-0.243
6) Other IPP	5.435	22.101	Total	118.860	460.956
C) 1) TPCL Thermal	15.073	64.103	a) Mumbai Schedule	31.841	120.091
2) TPCL Hydro	4.885	19.123	b) Mumbai Drawl	33.102	125.653
3) TPCL Gas	2.916	11.138	c) MSEDCL Bilateral *	30.520	111.794
4) R-INFRA Thermal	12.299	49.147	Include PX	-0.188	-0.254
D) STATE			d) Mumbai Bilateral *	31.841	120.091
1) Thermal	250.106	1028.680	Include PX	3.199	7.651
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	36.911	90.545	H) ENERGY CATERED (MUs)		
3) Gas	9.510	37.710	1) MSEDCL	358.713	1428.107
4) Wind	10.536	74.359	2) Mumbai Discoms	68.272	269.162
6) SOLAR	1.065	4.778	TOTAL STATE	426.985	1697.269
TOTAL STATE	308.128	1236.072			

* 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 4 Hrs
MSPGCL Thermal	5070	5005	5023	4694
MSPGCL Hydro	2105	1973	604	1199
MSPGCL Gas	265	268	272	288
MSPGCL Total Generation	7440	7246	5899	6181
Central Sector Receipt	5381	5338	5204	4372
WIND	86	165	525	634
CPP / IPP	4309	4537	4325	4292
SOLAR	162	50	0	0
Exchange with Mumbai	-1565	-1586	-1547	-1090
MSEDCL DEMAND MET	15813	15750	14406	14389
Load Shedding	414	686	69	42
MSEDCL DEMAND	16227	16436	14475	14431
TPCL GENERATION	1218	1295	1010	656
R-INFRA GENERATION	502	511	510	520
MUMBAI DEMAND	3285	3392	3067	2266
STATE DEMAND MET	19098	19142	17473	16655
STATE DEMAND	19512	19828	17542	16697
Frequency (Hz)	49.93	49.95	49.84	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.02 Hrs	49.64 Hz at 19.26 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 04/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.42	11.60	150	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.06	0	0
Total	1.42	16.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.04	44.09	505	500
Unit 5	0.00	23.63	0	0
Total	12.04	67.72		
Parli				
Unit 3	3.71	14.30	163	135
Unit 4	0.00	0.00	0	0
Unit 5	3.58	14.25	152	143
Unit 6	5.23	20.46	239	146
Unit 7	5.80	22.36	250	231
Total	18.33	71.37		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.58	10.62	155	146
Unit 3	4.65	16.36	202	160
Unit 4	4.36	17.15	187	176
Unit 5	6.52	35.84	425	0
Unit 6	9.55	38.00	410	360
Unit 7	8.64	33.56	380	340
Total	37.30	151.53		
Paras				
Unit 3	5.55	21.15	246	186
Unit 4	5.68	21.78	250	230
Total	11.22	42.93		
Khaparkheda				
Unit 1	3.23	14.32	160	105
Unit 2	3.41	14.04	155	125
Unit 3	3.73	15.84	175	135
Unit 4	3.66	15.00	159	141
Unit 5	10.01	41.40	485	357
Total	24.04	100.59		
Nasik				
Unit 3	4.86	18.87	210	195
Unit 4	4.64	18.41	200	183
Unit 5	4.67	18.39	200	190
Total	14.17	55.67		
Uran				
All Units	6.59	26.57	288	263
Total	6.59	26.57		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.23	0.46	47	0
Total	0.23	0.46		
Koyna				
Stage 1-2	9.16	21.38	570	40
Stage 4	14.41	27.13	1040	0
Stage 3	5.35	10.85	320	18
Total	28.92	59.36		
Hydro				
KDPH	0.35	1.39	15	14
VTRNA	0.89	3.36	61	0
TILLARI	0.24	1.11	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.92	80	0
RNGR+BHTSA	0.00	0.67	0	0
BHANDARDRA	0.10	0.63	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	0.91	16	7
GHATGHAR	0.98	3.07	120	0
Total	3.10	12.06		
Wind				
Total	10.54	74.36	0	0
Total	10.54	74.36		
CPP				
APML(Mus)	58.03	231.04	0	0
JSWEL(Mus)	17.31	66.73	0	0
VIPL(Mus)	13.12	48.02	0	0
RPLAMT(Mus)	5.55	22.33	0	0
WPCL(Mus)	4.77	18.74	0	0
Other(Mus)	5.44	22.10	0	0
Total	104.21	408.96		
SOLAR				
Total	1.06	4.78	0	0
Total	1.06	4.78		
Tata				
Trombay 5	11.29	34.68	493	397
Trombay 6	3.63	12.92	152	150
Trombay 7A	1.68	6.33	115	59
Trombay 7B	1.24	4.81	67	47
Trombay 8	0.16	16.50	104	0
TATA Hydro	4.88	19.12	471	0
Total	22.87	94.36		
R-INFRA				
1-2	12.30	49.15	520	502
Total	12.30	49.15		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.52	506.47
MSPGCL Thml+Gas	125.12	533.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	32.03	71.42
MSPGCL Total	157.14	604.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	23.57	48.51
State Total	308.13	1236.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5186	1098	286	6570	899	4287	0	4641	5022	-1445	15333	59	15392	2750	18142	49.94
2	4809	1181	287	6277	866	4276	0	4526	4752	-1310	14861	42	14903	2534	17437	49.94
3	4776	1205	288	6269	685	4288	0	4472	4845	-1153	14934	42	14976	2381	17357	49.94
4	4694	1199	288	6181	634	4292	0	4406	4372	-1090	14389	42	14431	2266	16697	49.99
5	4728	1159	286	6173	555	4202	0	4359	4625	-978	14577	42	14619	2200	16819	49.97
6	4787	1328	280	6395	485	4203	0	4405	4659	-944	14798	59	14857	2192	17049	49.98
7	4739	1631	286	6656	342	4203	5	4485	4854	-888	15172	84	15256	2136	17392	49.96
8	4686	1765	285	6736	209	4356	37	4575	4761	-1003	15096	88	15184	2261	17445	49.97
9	4733	1976	280	6989	220	4308	69	4948	4955	-1223	15318	90	15408	2514	17922	49.99
10	4850	2221	272	7343	137	4278	114	4905	5162	-1482	15552	94	15646	2932	18578	49.96
11	5067	2266	267	7600	102	4314	138	4970	5337	-1461	16030	215	16245	3169	19414	49.95
12	5070	2105	265	7440	86	4309	162	5098	5381	-1565	15813	414	16227	3285	19512	49.93
13	5114	1858	265	7237	75	4555	148	5022	4957	-1588	15384	482	15866	3339	19205	49.94
14	5086	1743	263	7092	64	4579	153	4862	4782	-1503	15167	474	15641	3302	18943	49.95
15	5076	2016	265	7357	78	4580	124	4933	5165	-1580	15724	438	16162	3370	19532	49.90
16	5005	1973	268	7246	165	4537	50	4992	5338	-1586	15750	686	16436	3392	19828	49.95
17	4999	1772	267	7038	326	4504	39	4901	4776	-1572	15111	232	15343	3368	18711	49.95
18	5027	878	263	6168	381	4322	23	4730	4770	-1570	14094	202	14296	3195	17491	50.02
19	5040	208	272	5520	414	4344	3	4303	4646	-1558	13369	93	13462	3054	16516	49.98
20	5023	604	272	5899	525	4325	0	4929	5204	-1547	14406	69	14475	3067	17542	49.84
21	5048	681	265	5994	774	4291	0	4972	5024	-1548	14535	50	14585	2934	17519	49.90
22	4995	262	273	5530	891	4281	0	4911	5164	-1452	14414	43	14457	2835	17292	49.90
23	5012	406	275	5693	774	4322	0	4977	5204	-1540	14453	43	14496	2894	17390	49.93
24	4969	491	276	5736	849	4257	0	4977	5106	-1516	14432	43	14475	2905	17380	49.95
MUs	118.5 2	32.03	6.59	157.14	10.54	104.21	1.07	114.30	118.86	-33.10	358.71	4.13	362.84	68.27	431.11	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 04/Jun/2015

Position as on 6.30 Hrs of 05/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	Bhusawal Unit 5	500	03/06/2015	08.01		Continued.	Boiler Tube Leakage	
TPC_G	Trombay 8	250	03/06/2015	20.05	04/06/2015	22.13	Steam leakage in boiler bottom header.	
MSPGCL	Chandrapur Unit 5	500	04/06/2015	01.01	04/06/2015	05.25	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jun/2015

Position as on 6.30 Hrs of 05/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	04/06/2015	06.02	04/06/2015	08.43	Hydrogen cold gas temp.high.	
CPP	WPCL U-4	135	04/06/2015	09.35	04/06/2015	10.25	Flame Failure	
MSPGCL	Koradi Unit 5	200	04/06/2015	10.30		Continued.	I D Fan Vaibration High.	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 05/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.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	05/06/2015	00.59		Continued.	PO	Premansoon 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 I	InterState	03/06/2015	18.02	04/06/2015	06.52	HT	Over Voltage
Kolhapur Mapusa I	InterState	03/06/2015	18.13	04/06/2015	07.34	HT	Over Voltage
Kolhapur Mapusa I	InterState	04/06/2015	17.42		Continued.	HT	Over Voltage
Karad Solapur (PG)	InterState	04/06/2015	18.56	04/06/2015	20.32	T	Due to DT Received.
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	04/06/2015	10.20	T	Distance Protection
Babhaleshwar-Taptitanda ckt-II	IntraState	03/06/2015	22.24		Continued.	HT	Padgha-BBLR L/L.
Kalwa - Talegaon(PG)	IntraState	04/06/2015	04.57	04/06/2015	10.02	EO	Attending Hot Spot
karad -kolhapur-II	IntraState	04/06/2015	17.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/06/2015	17.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2015	00.39		Continued.	T	Distance Protection
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	04/06/2015	10.40	04/06/2015	19.00	PO	Conversion of SSN to DEN.
Tillari Amona	InterState	04/06/2015	17.20	04/06/2015	19.40	T	Distance Protection B Ph E/F.
Mahalakshmi Amona	InterState	04/06/2015	17.20	04/06/2015	19.19	T	Distance Protection B Ph E/F.
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.
Gangapur-Valve	IntraState	03/06/2015	08.50	04/06/2015	18.38	PO	Restoration of missing member and strengthening work.
Chikhli-Jalna-I	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Chikhli-Jalna-II	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Ambazari-Abhijeet	IntraState	03/06/2015	21.11	04/06/2015	01.27	HT	Heavy sparking observed on Y-Ph BKR Pole at AEPL end.
Theur-Flagship	IntraState	04/06/2015	09.33		Continued.	PO	LILO to Nanded City.
Hinganghat - Bhugaon	IntraState	04/06/2015	09.37	04/06/2015	18.21	PO	Measurment of CB Timing & CRM,Attending Hotspot on B Ph CB Toward Line Isolator & Y Ph CT Pad Clamp Toward Line Side.
Bableshwar- Ranjangaon	IntraState	04/06/2015	10.23		Continued.	PO	Quarterly Maintainance Work
Talandge(400kv)- Sawantwadi(Insul	IntraState	04/06/2015	11.16	04/06/2015	18.53	PO	Restrining of Conductor.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	04/06/2015	06.16	04/06/2015	09.12	PO	Removal of BirdNest & Cold Washing.
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	04/06/2015	08.47	04/06/2015	10.23	PO	Premansoon Maintenace.

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 04/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 05/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	04/06/2015	09.10	04/06/2015	11.08	PO	Premansoon Maintenace.
220/110kV 100MVA ICT-II@ Wathar	IntraState	04/06/2015	10.00	04/06/2015	14.45	PO	Annual Relay Testing Work.
220/100 Kv 200 Mva Vijai Ict 2 @Trombay	IntraState	04/06/2015	14.12	04/06/2015	16.30	PO	Maintenance Work.
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03	04/06/2015	09.05	HT	To Control 132kv Paras-For Akola ICT-II Loading.
Dondaicha-Nandurbar	IntraState	04/06/2015	16.42	04/06/2015	20.45	T	Distance Protection Operated Z-I R Ph.