

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Apr/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.862	2424.911	1) Gujrat	-1.528	-24.368
2) Hydro	33.007	466.855	2) Madhya Pradesh	17.763	325.354
3) Gas	6.706	107.318	3) Chattisgarh	7.220	109.470
Total MSPGCL	157.575	2999.084	4) Maharashtra Net	98.862	1765.553
B) 1) APML	55.480	936.620	5) Goa	-7.798	-141.062
2) JSWEL	20.630	435.616	6) TAPS 1&2 Injection	3.506	71.734
3) VIPL	11.836	226.554	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.910	134.449	8) Pench (MS)	0.007	1.081
5) WPCL	5.166	55.223	9) Pench (Excess)	-0.007	-1.081
6) Other IPP	6.866	163.481	Total	118.018	2105.600
C) 1) TPCL Thermal	15.270	345.673	a) Mumbai Schedule	25.275	452.060
2) TPCL Hydro	6.786	80.804	b) Mumbai Drawl	29.927	496.054
3) TPCL Gas	2.604	47.078	c) MSEDCL Bilateral *	19.475	435.993
4) R-INFRA Thermal	12.392	219.930	Include PX	0.076	-25.418
D) STATE			d) Mumbai Bilateral *	25.275	446.410
1) Thermal	251.412	4942.457	Include PX	1.228	8.860
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	39.793	547.659	H) ENERGY CATERED (MUs)		
3) Gas	9.310	154.396	1) MSEDCL	359.476	6765.710
4) Wind	6.502	178.586	2) Mumbai Discoms	66.977	1189.529
6) SOLAR	1.420	25.470	TOTAL STATE	426.453	7955.239
TOTAL STATE	308.437	5848.568			

* 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	4965	4996	4856	4842
MSPGCL Hydro	2279	2015	1175	250
MSPGCL Gas	278	274	275	284
MSPGCL Total Generation	7522	7285	6306	5376
Central Sector Receipt	5457	5576	4953	4621
WIND	95	185	487	274
CPP / IPP	4393	4461	4602	4069
SOLAR	187	131	0	0
Exchange with Mumbai	-1517	-1521	-1272	-841
MSEDCL DEMAND MET	16137	16117	15076	13499
Load Shedding	366	330	70	46
MSEDCL DEMAND	16503	16447	15146	13545
TPCL GENERATION	1305	1312	1273	630
R-INFRA GENERATION	506	506	518	521
MUMBAI DEMAND	3328	3339	3063	1992
STATE DEMAND MET	19465	19456	18139	15491
STATE DEMAND	19831	19786	18209	15537
Frequency (Hz)	49.86	49.80	49.80	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 07.03 Hrs	49.53 Hz at 22.13 Hrs	49.91	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 20/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.70	48.42	160	140
Unit 6	0.00	0.00	0	0
Unit 7	0.00	71.98	0	0
Total	3.70	120.40		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	10.74	201.62	510	350
Unit 5	8.12	178.86	370	310
Total	18.86	457.92		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.50	68.99	152	137
Unit 6	0.00	66.86	0	0
Unit 7	5.52	93.86	251	201
Total	9.02	255.18		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.05	63.67	132	120
Unit 3	4.53	91.03	202	150
Unit 4	4.35	83.48	191	150
Unit 5	10.06	173.27	430	400
Unit 6	9.54	191.43	425	355
Unit 7	9.63	188.78	444	287
Total	41.15	791.66		
Paras				
Unit 3	5.57	82.79	242	223
Unit 4	5.11	65.35	221	205
Total	10.68	148.14		
Khaparkheda				
Unit 1	4.26	84.40	190	160
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.59	67.54	199	185
Unit 5	11.99	223.43	500	490
Total	20.84	387.20		
Nasik				
Unit 3	4.58	92.27	210	180
Unit 4	4.54	89.80	198	180
Unit 5	4.48	82.35	195	175
Total	13.61	264.42		
Uran				
All Units	6.71	107.32	286	274
Total	6.71	107.32		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.01	1.08	7	0
Total	0.01	1.08		
Koyna				
Stage 1-2	8.87	118.72	560	40
Stage 4	15.30	190.06	1120	0
Stage 3	4.89	66.73	320	0
Total	29.06	375.51		
Hydro				
KDPH	0.43	11.15	18	18
VTRNA	1.05	21.01	61	0
TILLARI	0.38	7.18	64	0
BHTGR/VEER	0.05	1.08	2	1
BHIRA T.R.	0.27	4.23	80	0
RNGR+BHTSA	0.28	4.96	12	11
BHANDARDRA	0.00	7.28	0	0
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.88	19.16	43	34
GHATGHAR	0.60	14.59	125	0
Total	3.95	91.34		
Wind				
Total	6.50	178.59	0	0
Total	6.50	178.59		
CPP				
APML(Mus)	55.48	936.62	0	0
JSWEL(Mus)	20.63	435.62	0	0
VIPL(Mus)	11.84	226.55	0	0
RPLAMT(Mus)	5.91	134.45	0	0
WPCL(Mus)	5.17	55.22	0	0
Other(Mus)	6.87	163.48	0	0
Total	105.89	1951.94		
SOLAR				
Total	1.42	25.47	0	0
Total	1.42	25.47		
Tata				
Trombay 5	9.32	209.10	485	190
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.46	26.19	86	59
Trombay 7B	1.15	20.89	55	47
Trombay 8	5.95	116.64	249	246
TATA Hydro	6.79	80.80	471	10
Total	24.66	473.56		
R-INFRA				
1-2	12.39	219.93	521	504
Total	12.39	219.93		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	117.86	2424.91
MSPGCL Thml+Gas	124.57	2532.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	33.01	466.86
MSPGCL Total	157.58	2999.08

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	24.16	308.78
State Total	308.44	5848.57

Hourly Load Data As on 20/Apr/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	4843	1235	285	6363	363	4382	0	4415	4834	-1281	14661	62	14723	2528	17251	49.95
2	4841	1026	283	6150	375	4390	0	4371	4579	-1124	14370	46	14416	2312	16728	49.95
3	4783	845	285	5913	434	4335	0	4362	4453	-1027	14108	46	14154	2151	16305	49.98
4	4850	269	283	5402	464	4297	0	4378	4567	-972	13758	46	13804	2046	15850	49.96
5	4842	250	284	5376	274	4069	0	4387	4621	-841	13499	46	13545	1992	15537	49.93
6	4978	805	286	6069	235	4235	0	4382	4536	-936	14139	55	14194	2072	16266	49.97
7	5065	1102	284	6451	241	4423	3	4350	4700	-857	14961	73	15034	2080	17114	50.01
8	5052	1450	284	6786	60	4332	33	4368	4630	-896	14945	73	15018	2202	17220	50.05
9	4984	1714	280	6978	46	4374	91	4501	4942	-1102	15329	84	15413	2541	17954	49.94
10	4970	2068	280	7318	62	4377	138	4778	5168	-1238	15825	245	16070	2953	19023	49.98
11	4981	2357	276	7614	70	4417	167	5046	5309	-1420	16157	274	16431	3222	19653	49.89
12	4965	2279	278	7522	95	4393	187	5419	5457	-1517	16137	366	16503	3328	19831	49.86
13	4989	1741	277	7007	167	4376	203	5356	5416	-1523	15646	418	16064	3343	19407	49.97
14	5000	1469	275	6744	183	4456	189	5285	5620	-1453	15739	376	16115	3272	19387	49.93
15	5003	1807	276	7086	185	4451	170	5406	5418	-1507	15803	321	16124	3330	19454	49.84
16	4996	2015	274	7285	185	4461	131	5371	5576	-1521	16117	330	16447	3339	19786	49.80
17	5006	1810	276	7092	303	4427	80	5262	5415	-1536	15781	371	16152	3326	19478	49.91
18	4907	898	280	6085	378	4445	26	4647	4616	-1508	14042	151	14193	3240	17433	49.94
19	4791	626	276	5693	479	4423	2	4391	4420	-1334	13683	122	13805	3009	16814	49.84
20	4856	1175	275	6306	487	4602	0	4740	4953	-1272	15076	70	15146	3063	18209	49.80
21	4893	1194	277	6364	388	4611	0	4732	4716	-1272	14807	52	14859	3014	17873	49.83
22	4759	1207	277	6243	412	4549	0	4731	4653	-1295	14562	48	14610	2908	17518	49.83
23	4696	1728	277	6701	323	4495	0	4509	5017	-1246	15290	46	15336	2876	18212	49.78
24	4812	1937	278	7027	293	4568	0	4323	4403	-1249	15042	45	15087	2832	17919	49.86
MUs	117.86	33.01	6.71	157.57	6.50	105.89	1.42	113.51	118.02	-29.93	359.48	3.77	363.24	66.98	430.22	49.91

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 20/Apr/2015

Position as on 6.30 Hrs of 21/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		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	WPCL U-2	135	18/02/2014	00.02	20/04/2015	22:23	Water 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	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
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.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. 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.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Parli Unit 6	250	15/04/2015	18.00	21/04/2015	02:44	Boiler Tube Leakage	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Koradi Unit 7	210	19/04/2015	15.01		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Apr/2015

Position as on 6.30 Hrs of 21/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
MSPGCL	Nasik Unit 3	210	21/04/2015	00:50		Continued.	GT Buccholz Relay Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 21/Apr/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) I	InterState	15/04/2015	09.25		Continued.	HT	To Control 400kv Line Loading.
Koradi-III - Tirora ckt-II	IntraState	20/04/2015	10:57	20/04/2015	20:29	PO	Maintenance Work of Libe Reactor.
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Solapur(PG) I	InterState	19/04/2015	17.08	20/04/2015	07:49	HT	Over Voltage
Wardha (PG)-Warora II	InterState	20/04/2015	15:50	20/04/2015	19:48	PO	PG Isolator Allingment Work.
Kolhapur Solapur(PG) I	InterState	20/04/2015	18:06		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLLESHWER - PADGHA
Dhule - Bableshwar - li	IntraState	19/04/2015	09.25		Continued.	PO	Replacement work
karad -kolhapur-II	IntraState	19/04/2015	16.30	20/04/2015	06:57	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/04/2015	16:33	20/04/2015	07:04	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/04/2015	18.03	20/04/2015	08:00	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/04/2015	18.07	20/04/2015	06.31	HT	Over Voltage
Chandrapur-Parali III	IntraState	19/04/2015	20.20	20/04/2015	14:43	PO	Bus isolator problem. Taken on TBC.
Bableshwar- Aurangabad (Waluj)	IntraState	19/04/2015	22.21	20/04/2015	02.47	EO	CT oil leakage
karad -kolhapur-II	IntraState	20/04/2015	16:39	21/04/2015	06:22	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	20/04/2015	17:10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/04/2015	18:04	21/04/2015	06:26	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	20/04/2015	18:31	20/04/2015	22:12	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	20/04/2015	12:17		Continued.	PO	Breaker O/H Work. ICT on TBC.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	18/04/2015	05.58	20/04/2015	17:08	HT	Construction Work of 765kv Kudgi -kolhapur D/C Line by PGCIL.
Mudshingi - Chikodi	InterState	18/04/2015	05.58	20/04/2015	18:11	HT	Construction Work of 765kv Kudgi -kolhapur D/C Line by PGCIL.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
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.
Apta - Taloja	IntraState	17/04/2015	08.05		Continued.	PO	CKT on TBC Breaker O/H Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	19/04/2015	22.45	20/04/2015	21:13	PO	Attending PNRV
220/100 kv 200 MVA ICT II @Padghe	IntraState	20/04/2015	14:53	20/04/2015	17:22	PO	Testing Work

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