

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.597	2639.694	1) Gujrat	4.135	-17.043
2) Hydro	32.620	531.153	2) Madhya Pradesh	19.037	364.579
3) Gas	6.209	120.165	3) Chattisgarh	6.250	123.110
Total MSPGCL	143.426	3291.012	4) Maharashtra Net	96.759	1959.642
B) 1) APLM	58.090	1050.790	5) Goa	-7.736	-156.801
2) JSWEL	21.257	480.130	6) TAPS 1&2 Injection	3.504	78.740
3) VIPL	13.115	252.784	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.910	146.249	8) Pench (MS)	0.241	1.419
5) WPCL	8.916	72.280	9) Pench (Excess)	0.118	-1.032
6) Other IPP	6.882	176.678	Total	122.067	2351.195
C) 1) TPCL Thermal	17.071	380.186	a) Mumbai Schedule	28.192	507.965
2) TPCL Hydro	6.184	93.142	b) Mumbai Drawl	29.485	554.062
3) TPCL Gas	3.778	54.978	c) MSEDCL Bilateral *	26.694	496.504
4) R-INFRA Thermal	12.392	244.691	Include PX	0.077	-25.267
D) STATE			d) Mumbai Bilateral *	28.192	502.315
1) Thermal	248.230	5443.482	Include PX	0.925	11.285
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	38.804	624.295	H) ENERGY CATERED (MUs)		
3) Gas	9.987	175.143	1) MSEDCL	364.716	7494.394
4) Wind	13.209	197.728	2) Mumbai Discoms	68.912	1327.051
6) SOLAR	1.329	28.191	TOTAL STATE	433.628	8821.445
TOTAL STATE	311.559	6468.839			

* 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 5 Hrs
MSPGCL Thermal	4331	4377	4355	4342
MSPGCL Hydro	2330	2102	791	868
MSPGCL Gas	274	274	275	275
MSPGCL Total Generation	6935	6753	5421	5485
Central Sector Receipt	5828	5928	5397	4579
WIND	177	599	807	514
CPP / IPP	4753	4713	4638	4745
SOLAR	174	91	0	0
Exchange with Mumbai	-1481	-1508	-1331	-790
MSEDCL DEMAND MET	16386	16576	14932	14533
Load Shedding	67	219	49	53
MSEDCL DEMAND	16453	16795	14981	14586
TPCL GENERATION	1311	1389	1281	836
R-INFRA GENERATION	503	512	517	519
MUMBAI DEMAND	3295	3409	3129	2145
STATE DEMAND MET	19681	19985	18061	16678
STATE DEMAND	19748	20204	18110	16731
Frequency (Hz)	49.96	50.00	49.93	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.02 Hrs	49.75 Hz at 04.40 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 22/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.60	55.12	160	109
Unit 6	0.00	0.00	0	0
Unit 7	0.00	71.98	0	0
Total	3.60	127.10		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	0.00	205.93	0	0
Unit 5	7.60	194.62	355	285
Total	7.60	478.00		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.51	76.03	152	140
Unit 6	5.24	76.15	250	183
Unit 7	5.67	105.31	254	205
Total	14.42	282.95		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.01	69.72	132	97
Unit 3	4.79	100.56	210	186
Unit 4	4.54	92.52	193	184
Unit 5	10.27	193.80	430	423
Unit 6	9.66	210.77	420	390
Unit 7	7.97	206.16	405	284
Total	40.24	873.53		
Paras				
Unit 3	4.41	92.32	214	159
Unit 4	4.35	74.43	199	150
Total	8.76	166.74		
Khaparkheda				
Unit 1	4.28	92.94	195	135
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.66	76.82	198	189
Unit 5	11.90	247.18	505	480
Total	20.83	428.76		
Nasik				
Unit 3	0.00	92.43	0	0
Unit 4	4.63	98.94	200	179
Unit 5	4.50	91.25	195	166
Total	9.13	282.62		
Uran				
All Units	6.21	120.16	276	153
Total	6.21	120.16		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.24	1.42	40	0
Total	0.24	1.42		
Koyna				
Stage 1-2	7.52	135.00	545	40
Stage 4	15.47	220.32	1120	0
Stage 3	5.50	76.62	320	0
Total	28.49	431.94		
Hydro				
KDPH	0.43	12.01	18	18
VTRNA	0.88	22.99	61	0
TILLARI	0.36	7.91	64	0
BHTGR/VEER	0.04	1.16	2	1
BHIRA T.R.	0.38	4.93	70	0
RNGR+BHTSA	0.28	5.24	12	11
BHANDARDRA	0.44	7.87	19	18
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.84	20.81	36	35
GHATGHAR	0.47	15.57	250	0
Total	4.13	99.22		
Wind				
Total	13.21	197.73	0	0
Total	13.21	197.73		
CPP				
APML(Mus)	58.09	1050.79	0	0
JSWEL(Mus)	21.26	480.13	0	0
VIPL(Mus)	13.12	252.78	0	0
RPLAMT(Mus)	5.91	146.25	0	0
WPCL(Mus)	8.92	72.28	0	0
Other(Mus)	6.88	176.68	0	0
Total	114.17	2178.91		
SOLAR				
Total	1.33	28.19	0	0
Total	1.33	28.19		
Tata				
Trombay 5	11.08	231.68	491	427
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.32	31.09	115	81
Trombay 7B	1.46	23.89	68	56
Trombay 8	5.99	128.58	251	247
TATA Hydro	6.18	93.14	471	0
Total	27.03	528.31		
R-INFRA				
1-2	12.39	244.69	520	503
Total	12.39	244.69		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.60	2639.69
MSPGCL Thml+Gas	110.81	2759.86

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	32.62	531.15
MSPGCL Total	143.43	3291.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	22.99	355.32
State Total	311.56	6468.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4338	1864	262	6464	381	4832	0	4728	4456	-1305	14828	73	14901	2728	17629	49.95
2	4405	1504	260	6169	448	4801	0	4581	4712	-1128	15002	53	15055	2492	17547	49.91
3	4390	1093	272	5755	560	4770	0	4383	4536	-961	14660	53	14713	2311	17024	49.88
4	4407	868	274	5549	545	4989	0	4275	4543	-847	14779	53	14832	2194	17026	49.88
5	4342	868	275	5485	514	4745	0	4265	4579	-790	14533	53	14586	2145	16731	49.86
6	4338	992	272	5602	524	4848	0	4337	4863	-729	15108	56	15164	2168	17332	49.86
7	4322	1255	276	5853	590	4826	9	4561	4826	-801	15303	56	15359	2178	17537	49.97
8	4287	1418	273	5978	521	4812	34	4744	4835	-908	15272	57	15329	2274	17603	50.04
9	4285	1636	276	6197	363	4721	90	5077	5136	-1120	15387	56	15443	2626	18069	49.99
10	4348	1916	275	6539	238	4782	126	5123	5315	-1130	15870	59	15929	2939	18868	49.97
11	4331	2330	274	6935	177	4753	174	5245	5828	-1481	16386	67	16453	3295	19748	49.96
12	4422	2350	275	7047	226	4689	164	5349	5539	-1492	16173	91	16264	3385	19649	50.04
13	4422	2140	272	6834	239	4782	190	5496	5718	-1520	16243	121	16364	3409	19773	50.00
14	4409	1990	275	6674	382	4668	190	5103	5367	-1486	15795	107	15902	3362	19264	50.04
15	4402	2115	274	6791	429	4764	133	5285	5598	-1540	16175	197	16372	3359	19731	49.95
16	4377	2102	274	6753	599	4713	91	5350	5928	-1508	16576	219	16795	3409	20204	50.00
17	4380	1600	270	6250	782	4736	99	5094	4962	-1499	15330	229	15559	3403	18962	50.00
18	4376	647	274	5297	921	4705	26	4638	4651	-1544	14056	113	14169	3338	17507	50.03
19	4322	476	274	5072	894	4706	3	4876	4735	-1497	13913	61	13974	3135	17109	50.02
20	4355	791	275	5421	807	4638	0	5176	5397	-1331	14932	49	14981	3129	18110	49.93
21	4352	837	235	5424	782	4778	0	5102	5152	-1202	14934	49	14983	2972	17955	49.97
22	4322	805	153	5280	819	4679	0	5082	5183	-1277	14684	49	14733	2889	17622	49.99
23	4336	402	173	4911	756	4741	0	4787	5015	-1211	14212	49	14261	2914	17175	49.91
24	4329	621	196	5146	712	4692	0	4818	5193	-1178	14565	49	14614	2856	17470	49.93
MUs	104.60	32.62	6.21	143.43	13.21	114.17	1.33	117.48	122.07	-29.49	364.72	2.02	366.74	68.91	435.65	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 22/Apr/2015

Position as on 6.30 Hrs of 23/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	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	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	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Koradi Unit 7	210	19/04/2015	15.01	23/04/2015	05.58	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl requirment	
MSPGCL	Nasik Unit 3	210	21/04/2015	00:50		Continued.	GT Buccholz Relay Operated.	
MSPGCL	Bhusawal Unit 4	500	21/04/2015	08.58		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Apr/2015

Position as on 6.30 Hrs of 23/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	WPCL U-4	135	22/04/2015	11.55		Continued.	PA Fan problem	
MSPGCL	Uran Unit A0	120	22/04/2015	20.40	23/04/2015	01.05	Feed water pump tripped	
MSPGCL	Uran Unit 5	108	22/04/2015	20.42	22/04/2015	22.32	Damper problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 23/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 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
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	22/04/2015	07.49	22/04/2015	10.06	PO	Dismantling of Moose Conductor and OPEG E/W cable for 220KV C'pur-Warora D/C Line
Chandrapur - Padghe Hvdc Pole 1	IntraState	23/04/2015	05.18		Continued.	PO	Dismantling of Moose Conductor and OPEG E/W cable for 220KV C'Pur-Warora D/C line
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Dhule Sar'Sarovar I	InterState	21/04/2015	17.34	22/04/2015	07.44	HT	Over Voltage
Kolhapur Mapusa I	InterState	21/04/2015	17.34	22/04/2015	07.43	HT	Over Voltage
Koradi Satpur	InterState	22/04/2015	11.34	22/04/2015	13.24	PO	CVT Oil Top Up
Kolhapur Mapusa II	InterState	22/04/2015	18.03		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
karad -kolhapur-II	IntraState	21/04/2015	16.15	22/04/2015	07.30	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/04/2015	16.45	22/04/2015	07.39	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/04/2015	17.45	22/04/2015	07.29	HT	Over Voltage
Girwali - Lonikand 1	IntraState	22/04/2015	12.27	22/04/2015	12.42	HT	Winding Temp.High on Line Reactor
karad -kolhapur-I	IntraState	22/04/2015	16.30		Continued.	HT	Over Voltage
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.
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	21/04/2015	18.52	22/04/2015	04.09	T	LV side B phase CT Burst
220 KV LINE Outages/Trippings							
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.
Urse - Talegaon (Ambi) Ckt 1	IntraState	21/04/2015	16.49	22/04/2015	04.53	T	Distance Protection
Padgha - Temghar 1	IntraState	21/04/2015	19.35	22/04/2015	04.29	HT	To control Padgha ICT over loading
Padgha-Temghar-II	IntraState	21/04/2015	19.36	22/04/2015	04.30	HT	To control Padgha ICT over loading
IPCL - Wadkhal II	IntraState	22/04/2015	09.07	22/04/2015	20.35	PO	Line Maintenance work
IPCL - SPCL	IntraState	22/04/2015	10.30	22/04/2015	20.06	PO	Line Maint.work
Peth- Mudshingi -I	IntraState	22/04/2015	12.10	22/04/2015	17.20	PO	Insulator Replacement Work
Osmanabad - Solapur (Bale)	IntraState	22/04/2015	15.24	23/04/2015	01.28	T	Distance Protection
Beed-Patoda Ckt 2	IntraState	22/04/2015	16.05	22/04/2015	19.36	PO	Tan Delta Measurment of CTs
Parli New Tps - Beed Ckt 1	IntraState	22/04/2015	18.11	22/04/2015	22.00	PO	Tan Delta Measurment of CTs
Lamboti-Vita	IntraState	22/04/2015	20.49	22/04/2015	22.04	T	Distance Protection

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 22/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 200 Mva Bbl lct 1 @Beed	IntraState	22/04/2015	10.56	22/04/2015	19.04	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Kanhan-Mansar	IntraState	21/04/2015	21.22	22/04/2015	19.03	T	R Phase CT Burst at Kanhan end
100 KV LINE Outages/Trippings							
Kalwa - Mukand 2	IntraState	23/04/2015	03.10	23/04/2015	03.24	T	Distance Protection
Kalwa - Mukand 1	IntraState	23/04/2015	03.12	23/04/2015	03.31	T	Distance Protection

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