

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Apr/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.200	2747.894	1) Gujrat	2.301	-14.742
2) Hydro	26.537	557.690	2) Madhya Pradesh	16.985	381.564
3) Gas	6.562	126.727	3) Chattisgarh	6.160	129.270
Total MSPGCL	141.299	3432.311	4) Maharashtra Net	99.392	2059.034
B) 1) APML	53.420	1104.210	5) Goa	-8.038	-164.839
2) JSWEL	24.430	504.560	6) TAPS 1&2 Injection	3.497	82.237
3) VIPL	13.072	265.856	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.850	152.099	8) Pench (MS)	0.056	1.475
5) WPCL	8.101	80.381	9) Pench (Excess)	-0.056	-1.088
6) Other IPP	6.189	182.867	Total	120.241	2471.436
C) 1) TPCL Thermal	17.315	397.501	a) Mumbai Schedule	29.093	537.059
2) TPCL Hydro	5.577	98.719	b) Mumbai Drawl	29.222	583.284
3) TPCL Gas	3.857	58.835	c) MSEDCL Bilateral *	36.547	533.051
4) R-INFRA Thermal	12.407	257.098	Include PX	8.739	-16.527
D) STATE			d) Mumbai Bilateral *	29.093	531.409
1) Thermal	248.984	5692.466	Include PX	0.594	11.880
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro	32.114	656.409	H) ENERGY CATERED (MUs)		
3) Gas	10.419	185.562	1) MSEDCL	361.801	7856.251
4) Wind	16.919	214.647	2) Mumbai Discoms	68.375	1395.426
6) SOLAR	1.502	29.693	TOTAL STATE	430.176	9251.677
TOTAL STATE	309.938	6778.777			

* 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 4 Hrs
MSPGCL Thermal	4455	4609	4732	4319
MSPGCL Hydro	2006	1784	1433	300
MSPGCL Gas	275	279	280	277
MSPGCL Total Generation	6736	6672	6445	4896
Central Sector Receipt	5510	5616	4631	4857
WIND	444	769	825	714
CPP / IPP	4899	4659	4221	4618
SOLAR	177	136	0	0
Exchange with Mumbai	-1440	-1500	-1305	-807
MSEDCL DEMAND MET	16326	16352	14817	14278
Load Shedding	54	40	43	51
MSEDCL DEMAND	16380	16392	14860	14329
TPCL GENERATION	1305	1322	1228	877
R-INFRA GENERATION	507	515	519	520
MUMBAI DEMAND	3252	3337	3052	2204
STATE DEMAND MET	19578	19689	17869	16482
STATE DEMAND	19632	19729	17912	16533
Frequency (Hz)	49.97	49.97	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 07.04 Hrs	49.74 Hz at 12.21 Hrs	49.99	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 23/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.31	58.43	155	92
Unit 6	0.00	0.00	0	0
Unit 7	2.43	74.41	180	0
Total	5.75	132.84		
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	7.89	202.51	355	310
Total	7.89	485.89		
Parli				
Unit 3	0.96	0.96	95	0
Unit 4	0.00	25.46	0	0
Unit 5	3.57	79.60	155	143
Unit 6	5.17	81.32	250	180
Unit 7	5.46	110.77	250	220
Total	15.17	298.12		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.08	72.80	133	124
Unit 3	4.65	105.22	206	179
Unit 4	4.55	97.08	195	185
Unit 5	10.20	204.00	434	410
Unit 6	9.62	220.39	410	390
Unit 7	7.36	213.52	339	237
Total	39.47	913.00		
Paras				
Unit 3	5.33	97.65	234	206
Unit 4	4.25	78.68	188	156
Total	9.58	176.32		
Khaparkheda				
Unit 1	3.88	96.82	185	140
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.58	81.40	197	182
Unit 5	11.53	258.71	500	429
Total	20.00	448.75		
Nasik				
Unit 3	1.14	93.57	190	0
Unit 4	4.64	103.58	200	177
Unit 5	4.57	95.82	195	178
Total	10.35	292.97		
Uran				
All Units	6.56	126.73	280	204
Total	6.56	126.73		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	1.48	20	0
Total	0.06	1.48		
Koyna				
Stage 1-2	4.28	139.28	350	40
Stage 4	13.33	233.65	1095	0
Stage 3	4.14	80.76	240	80
Total	21.76	453.70		
Hydro				
KDPH	0.43	12.44	18	18
VTRNA	0.92	23.91	61	0
TILLARI	0.36	8.27	64	0
BHTGR/VEER	0.04	1.21	2	1
BHIRA T.R.	0.42	5.35	80	0
RNGR+BHTSA	0.28	5.52	12	11
BHANDARDRA	0.43	8.30	18	17
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.98	21.78	47	38
GHATGHAR	0.92	16.48	250	0
Total	4.78	104.00		
Wind				
Total	16.92	214.65	0	0
Total	16.92	214.65		
CPP				
APML(Mus)	53.42	1104.21	0	0
JSWEL(Mus)	24.43	504.56	0	0
VIPL(Mus)	13.07	265.86	0	0
RPLAMT(Mus)	5.85	152.10	0	0
WPCL(Mus)	8.10	80.38	0	0
Other(Mus)	6.19	182.87	0	0
Total	111.06	2289.97		
SOLAR				
Total	1.50	29.69	0	0
Total	1.50	29.69		
Tata				
Trombay 5	11.34	243.02	488	430
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.38	33.47	115	89
Trombay 7B	1.48	25.37	67	58
Trombay 8	5.98	134.56	252	246
TATA Hydro	5.58	98.72	471	4
Total	26.75	555.06		
R-INFRA				
1-2	12.41	257.10	520	504
Total	12.41	257.10		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.20	2747.89
MSPGCL Thml+Gas	114.76	2874.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	26.54	557.69
MSPGCL Total	141.30	3432.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	17.62	372.93
State Total	309.94	6778.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4317	1146	204	5667	706	4762	0	4814	4935	-1132	14938	66	15004	2726	17730	49.85
2	4361	716	260	5337	651	4775	0	4783	4899	-994	14668	51	14719	2483	17202	49.92
3	4351	441	278	5070	674	4621	0	4761	5087	-881	14571	51	14622	2316	16938	49.97
4	4319	300	277	4896	714	4618	0	4774	4857	-807	14278	51	14329	2204	16533	49.99
5	4307	216	277	4800	729	4640	0	4781	5000	-775	14394	51	14445	2155	16600	49.98
6	4247	435	278	4960	678	4607	0	4908	5144	-783	14606	54	14660	2182	16842	49.97
7	4311	592	279	5182	720	4637	9	5090	5521	-787	15282	54	15336	2191	17527	50.11
8	4388	849	279	5516	496	4648	39	5215	5087	-863	14923	54	14977	2271	17248	50.09
9	4398	1130	278	5806	433	4670	93	5351	5579	-1156	15425	54	15479	2567	18046	50.02
10	4457	1451	277	6185	396	4819	143	5627	5817	-1312	16048	54	16102	2966	19068	49.99
11	4455	2006	275	6736	444	4899	177	5726	5510	-1440	16326	54	16380	3252	19632	49.97
12	4476	1857	274	6607	541	4997	214	5753	5130	-1480	16009	54	16063	3331	19394	49.98
13	4539	1099	276	5914	642	5008	199	5694	5916	-1473	16206	54	16260	3349	19609	49.94
14	4538	1562	277	6377	504	4755	201	5422	5428	-1485	15780	43	15823	3276	19099	50.02
15	4627	1799	277	6703	646	4868	168	5726	4704	-1536	15553	40	15593	3335	18928	49.95
16	4609	1784	279	6672	769	4659	136	5642	5616	-1500	16352	40	16392	3337	19729	49.97
17	4603	1739	280	6622	833	4578	86	5346	4832	-1481	15470	40	15510	3346	18856	50.03
18	4655	996	279	5930	816	4354	32	4526	4357	-1457	14032	40	14072	3277	17349	50.04
19	4663	736	278	5677	834	4064	5	4355	4053	-1377	13256	40	13296	3035	16331	50.07
20	4732	1433	280	6445	825	4221	0	4728	4631	-1305	14817	43	14860	3052	17912	50.00
21	4754	1281	273	6308	967	4186	0	4942	4712	-1329	14844	43	14887	2977	17864	49.98
22	4719	1083	268	6070	956	4311	0	4907	4633	-1312	14658	43	14701	3157	17858	49.93
23	4699	826	279	5804	953	4586	0	4845	4358	-1285	14416	43	14459	2820	17279	49.93
24	4675	1060	280	6015	992	4779	0	4741	4435	-1272	14949	43	14992	2773	17765	49.98
MUs	108.20	26.54	6.56	141.30	16.92	111.06	1.50	122.46	120.24	-29.22	361.80	1.16	362.96	68.38	431.34	49.99

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 23/Apr/2015

Position as on 6.30 Hrs of 24/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	23/04/2015	07.00	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 regirment	
MSPGCL	Nasik Unit 3	210	21/04/2015	00:50	23/04/2015	15.25	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 23/Apr/2015

Position as on 6.30 Hrs of 24/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	23/04/2015	11.06	PA Fan problem	
MSPGCL	Uran Unit A0	120	22/04/2015	20.40	23/04/2015	01.05	Feed water pump tripped	
MSPGCL	Parli Unit 3	210	24/04/2015	04.37		Continued.	Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 24/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)- II	InterState	23/04/2015	13.40		Continued.	HT	For aviling outage on A'Bad-Abad line
Wardha(PG)-Aurangabad(PG) I	InterState	23/04/2015	13.40	23/04/2015	14.09	T	Over Voltage
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	23/04/2015	05.18	23/04/2015	11.45	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
Kolhapur Mapusa II	InterState	22/04/2015	18.03	23/04/2015	06.08	HT	Over Voltage
Waluj Aurangabad(PG)- I	InterState	23/04/2015	13.53	23/04/2015	18.00	EO	To attend Hot Spot
Talegaon PG - Aurangabad - II	InterState	23/04/2015	15.01	23/04/2015	21.36	HT	To control Loading A'Bad-A'bad PG-II
Kolhapur Mapusa I	InterState	23/04/2015	18.17		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	23/04/2015	18.17	23/04/2015	20.58	EO	To attend Hot Spot
Padgha - Boisar (PG)	InterState	23/04/2015	18.26	23/04/2015	19.46	T	R Phase LV Side CT Burst.LTM Operated
Dhule Sar'Sarovar II	InterState	23/04/2015	18.47		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45	23/04/2015	13.11	HT	HT For Controlling 400KV BABLASHWER - PADGHA
karad -kolhapur-I	IntraState	22/04/2015	16.30	23/04/2015	08.31	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	23/04/2015	15.05	23/04/2015	19.29	T	Distance Protection
karad -kolhapur-II	IntraState	23/04/2015	16.33	23/04/2015	20.44	HT	Over Voltage
karad -kolhapur-I	IntraState	23/04/2015	16.51		Continued.	T	Distance Protection,RFC 20.40Hrs.
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	23/04/2015	18.26	24/04/2015	00.20	T	R Phase LV Side CT Burst.LTM Operated
400/220 Kv 500 Mva Ict 2 @Jejuri	IntraState	23/04/2015	18.36	24/04/2015	03.07	PO	Testing Work
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	23/04/2015	09.05	23/04/2015	09.41	T	Distance Protection
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.
Osmanabad - Solapur (Bale)	IntraState	22/04/2015	15.24	23/04/2015	01.28	T	Distance Protection
Chakan-Mahindra Vehicle	IntraState	23/04/2015	09.37	23/04/2015	16.39	PO	Line Maintenance work
Peth- Mudshingi -I	IntraState	23/04/2015	09.37	23/04/2015	17.23	PO	Insulator Replacement Work
Mumewadi -Halkarni II	IntraState	23/04/2015	16.07	23/04/2015	21.00	T	Distance Protection
Halkarni - Tillari II	IntraState	23/04/2015	16.32	23/04/2015	17.04	T	Distance Protection
Halkarni-Mahalaxmiline	IntraState	23/04/2015	16.32	23/04/2015	17.24	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 23/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 24/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padgha-Temghar-II	IntraState	23/04/2015	19.11		Continued.	HT	To control Padgha ICT Loading
Padgha - Temghar 1	IntraState	23/04/2015	19.11		Continued.	HT	To control Padgha ICT Loading
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
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
Padghe - Bhiwandi 2	IntraState	23/04/2015	18.26	23/04/2015	18.40	T	R Phase LV Side CT Burst.LTM Operated
Padghe - Murbad 1	IntraState	23/04/2015	18.26	23/04/2015	18.37	T	R Phase LV Side CT Burst.LTM Operated
Padghe - Ambarnath	IntraState	23/04/2015	18.26	23/04/2015	18.42	T	R Phase LV Side CT Burst.LTM Operated
Padghe - Bhiwandi 1	IntraState	23/04/2015	18.26	23/04/2015	18.39	T	R Phase LV Side CT Burst.LTM Operated
Padghe - Murbad 2	IntraState	23/04/2015	18.26	23/04/2015	18.35	T	R Phase LV Side CT Burst.LTM Operated
Padghe - Mohane	IntraState	23/04/2015	18.26	23/04/2015	18.46	T	R Phase LV Side CT Burst.LTM Operated

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