

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Apr/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.284	3584.147	1) Gujrat	-0.193	-31.413
2) Hydro	11.367	692.364	2) Madhya Pradesh	16.305	488.148
3) Gas	6.726	172.358	3) Chattisgarh	5.820	173.470
Total MSPGCL	141.377	4448.869	4) Maharashtra Net	100.972	2773.270
B) 1) APML	57.560	1463.680	5) Goa	-7.741	-219.602
2) JSWEL	23.080	668.443	6) TAPS 1&2 Injection	3.475	106.676
3) VIPL	5.921	335.164	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.750	190.209	8) Pench (MS)	0.062	2.125
5) WPCL	9.501	145.879	9) Pench (Excess)	-0.062	-1.738
6) Other IPP	7.073	226.804	Total	118.576	3288.811
C) 1) TPCL Thermal	17.209	517.163	a) Mumbai Schedule	26.105	714.268
2) TPCL Hydro	3.842	123.363	b) Mumbai Drawl	27.789	769.812
3) TPCL Gas	3.838	84.933	c) MSEDCL Bilateral *	34.458	772.082
4) R-INFRA Thermal	12.383	342.045	Include PX	2.797	-2.096
D) STATE			d) Mumbai Bilateral *	26.105	708.618
1) Thermal	261.761	7473.534	Include PX	8.390	34.911
(A1+C1+C4+(B1-B6))			Include Standby	0.000	5.650
2) Hydro (A2+C2)	15.209	815.727	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.564	257.291	1) MSEDCL	364.844	10379.813
4) Wind	22.454	340.708	2) Mumbai Discoms	65.053	1837.296
6) SOLAR	1.341	38.933	TOTAL STATE	429.897	12217.109
TOTAL STATE	311.329	8926.193			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5187	5465	5466	4683
MSPGCL Hydro	1120	710	681	118
MSPGCL Gas	279	280	276	284
MSPGCL Total Generation	6586	6455	6423	5085
Central Sector Receipt	5856	5512	4558	4379
WIND	614	743	822	1256
CPP / IPP	4610	4657	4560	4466
SOLAR	143	178	0	0
Exchange with Mumbai	-1441	-1466	-1421	-622
MSEDCL DEMAND MET	16368	16079	14942	14564
Load Shedding	49	49	42	46
MSEDCL DEMAND	16417	16128	14984	14610
TPCL GENERATION	1188	1224	1033	865
R-INFRA GENERATION	507	514	517	520
MUMBAI DEMAND	3136	3204	2971	2007
STATE DEMAND MET	19504	19283	17913	16571
STATE DEMAND	19553	19332	17955	16617
Frequency (Hz)	49.99	49.98	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 20.27 Hrs	49.73 Hz at 14.35 Hrs	49.98	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 30/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.96	78.98	130	120
Unit 6	0.00	0.00	0	0
Unit 7	3.92	101.98	170	150
Total	6.88	180.95		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	77.45	0	0
Unit 4	10.14	271.70	480	375
Unit 5	7.74	255.91	350	280
Total	17.88	605.06		
Parli				
Unit 3	1.78	11.96	163	0
Unit 4	0.00	25.46	0	0
Unit 5	3.30	96.43	149	34
Unit 6	5.33	118.88	250	200
Unit 7	5.40	149.77	250	205
Total	15.81	402.50		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	82.42	0	0
Unit 3	4.26	130.33	191	159
Unit 4	4.30	127.86	189	150
Unit 5	5.44	263.24	430	0
Unit 6	9.49	287.59	405	375
Unit 7	9.77	279.18	440	337
Total	33.25	1170.61		
Paras				
Unit 3	5.82	135.79	256	198
Unit 4	5.78	114.77	254	196
Total	11.60	250.56		
Khaparkheda				
Unit 1	4.32	125.12	195	170
Unit 2	3.76	21.57	180	135
Unit 3	0.00	11.38	0	0
Unit 4	4.40	112.41	188	181
Unit 5	11.57	325.21	500	417
Total	24.05	595.68		
Nasik				
Unit 3	4.74	117.82	205	175
Unit 4	4.59	133.56	198	183
Unit 5	4.48	127.40	194	173
Total	13.82	378.78		
Uran				
All Units	6.73	172.36	286	274
Total	6.73	172.36		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	2.12	33	0
Total	0.06	2.12		
Koyna				
Stage 1-2	2.28	171.61	355	35
Stage 4	3.87	287.86	624	0
Stage 3	1.47	99.10	160	0
Total	7.63	558.56		
Hydro				
KDPH	0.43	15.46	18	17
VTRNA	0.56	29.06	61	0
TILLARI	0.36	10.87	62	0
BHTGR/VEER	0.07	1.59	3	3
BHIRA T.R.	0.28	6.75	40	0
RNGR+BHTSA	0.33	7.20	14	13
BHANDARDRA	0.44	11.35	38	9
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.92	28.63	46	35
GHATGHAR	0.36	22.19	125	0
Total	3.74	133.80		
Wind				
Total	22.45	340.71	0	0
Total	22.45	340.71		
CPP				
APML(Mus)	57.56	1463.68	0	0
JSWEL(Mus)	23.08	668.44	0	0
VIPL(Mus)	5.92	335.16	0	0
RPLAMT(Mus)	5.75	190.21	0	0
WPCL(Mus)	9.50	145.88	0	0
Other(Mus)	7.07	226.80	0	0
Total	108.88	3030.18		
SOLAR				
Total	1.34	38.93	0	0
Total	1.34	38.93		
Tata				
Trombay 5	11.20	323.49	489	431
Trombay 6	0.00	19.93	0	0
Trombay 7A	2.36	49.46	120	73
Trombay 7B	1.48	35.48	69	54
Trombay 8	6.01	173.74	252	248
TATA Hydro	3.84	123.36	389	0
Total	24.89	725.46		
R-INFRA				
1-2	12.38	342.04	520	506
Total	12.38	342.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.28	3584.15
MSPGCL Thml+Gas	130.01	3756.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.37	692.36
MSPGCL Total	141.38	4448.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.16	459.46
State Total	311.33	8926.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	4856	468	282	5606	1321	4596	0	5220	5634	-1123	16034	62	16096	2561	18657	49.93
2	4891	177	283	5351	1304	4520	0	5021	4978	-955	15198	46	15244	2319	17563	49.97
3	4953	146	284	5383	1367	4595	0	4711	4588	-807	15126	46	15172	2183	17355	50.00
4	4970	123	284	5377	1348	4567	0	4597	4499	-708	15083	46	15129	2078	17207	50.01
5	4683	118	284	5085	1256	4466	0	4527	4379	-622	14564	46	14610	2007	16617	49.97
6	4679	212	284	5175	1211	4504	0	4534	4289	-652	14527	49	14576	2055	16631	49.99
7	4856	138	286	5280	1135	4579	5	4764	4846	-660	15185	49	15234	2043	17277	50.04
8	4943	118	284	5345	1002	4645	39	4913	4593	-763	14861	49	14910	2141	17051	50.01
9	4959	235	283	5477	769	4699	82	5413	5445	-1119	15353	49	15402	2507	17909	50.03
10	4980	1015	281	6276	621	4596	135	5386	5336	-1275	15689	49	15738	2807	18545	49.98
11	5187	1120	279	6586	614	4610	143	5782	5856	-1441	16368	49	16417	3136	19553	49.99
12	5267	1184	282	6733	661	4600	184	5893	5535	-1433	16280	49	16329	3188	19517	49.99
13	5465	710	280	6455	743	4657	178	5845	5512	-1466	16079	49	16128	3204	19332	49.98
14	5385	493	280	6158	808	4576	180	5358	5448	-1465	15705	42	15747	3154	18901	49.99
15	5413	479	280	6172	890	4576	164	5548	5556	-1430	15928	39	15967	3200	19167	49.87
16	5359	701	276	6336	777	4567	114	5511	5551	-1432	15913	39	15952	3213	19165	49.95
17	5403	683	277	6363	825	4519	83	5113	5335	-1415	15710	39	15749	3210	18959	49.98
18	5423	244	274	5941	784	4644	28	4558	4144	-1440	14101	39	14140	3084	17224	50.05
19	5428	299	274	6001	760	4466	6	4128	3945	-1397	13781	39	13820	2941	16761	49.96
20	5466	681	276	6423	822	4560	0	4577	4558	-1421	14942	42	14984	2971	17955	49.95
21	5361	479	275	6115	915	4503	0	4803	4655	-1320	14868	42	14910	2885	17795	49.99
22	5131	381	276	5788	832	4225	0	4741	4507	-1205	14147	42	14189	2772	16961	49.95
23	5085	479	281	5845	883	4217	0	4708	4908	-1079	14774	42	14816	2710	17526	49.88
24	5141	684	281	6106	806	4398	0	4637	4479	-1161	14628	42	14670	2692	17362	49.97
MUs	123.28	11.37	6.73	141.38	22.45	108.88	1.34	120.29	118.58	-27.79	364.84	1.09	365.93	65.06	430.99	49.98

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 30/Apr/2015

Position as on 6.30 Hrs of 01/May/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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
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	
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	01/05/2015	02.52	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.	
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	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
MSPGCL	Parli Unit 3	210	27/04/2015	11.04	30/04/2015	10.12	Sparking at generation slip ring.	
IPP	Adani U-2	660	28/04/2015	06.02		Continued.	Leakage in turbine steam chest.	
IPP	VIPL U-2	300	28/04/2015	17.47		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	29/04/2015	08.07	30/04/2015	09.39	Air heater problem	
MSPGCL	Chandrapur Unit 5	500	01/05/2015	04.30		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 01/May/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							
Pune(PG)-Solapur(PG)	InterState	26/04/2015	09.35		Continued.	PO	Line Maintenance work
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
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	29/04/2015	16.45	30/04/2015	07.59	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/04/2015	18.03	30/04/2015	08.32	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/04/2015	09.09	30/04/2015	20.33	PO	Maint. Work @ Solhapur PG End.
Kolhapur Mapusa I	InterState	30/04/2015	17.13	01/05/2015	06.44	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	26/04/2015	18.01		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/04/2015	15.05	30/04/2015	07.31	HT	Sparking on Isolator
Bhusawal-Aurangabad	IntraState	29/04/2015	17.41	30/04/2015	07.21	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	29/04/2015	22.35	30/04/2015	07.20	HT	Sparking on Bus Isolator
N.Koyna-Karad -Ckt I	IntraState	30/04/2015	14.17		Continued.	PO	A/R Configration Work.
Karad - Lonikand 1	IntraState	30/04/2015	15.47	30/04/2015	15.59	T	Distance Protection
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	30/04/2015	09.02	30/04/2015	19.23	PO	PMM Work by Getco.
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Mahad - Posco	IntraState	30/04/2015	09.47	30/04/2015	11.09	PO	A/R Out for PID Testing Work.
Oni Kharepatan Line	IntraState	30/04/2015	10.09	30/04/2015	18.40	PO	Insulator Replacement Work.
Butibori-VIPL-IV GIS Bay	IntraState	30/04/2015	10.37	30/04/2015	19.03	PO	Bay Maintainance & Testing.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	30/04/2015	10.39	30/04/2015	20.39	PO	A/R Out for OPGW Work.
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	30/04/2015	10.39	30/04/2015	20.39	PO	A/R Out for OPGW Work.
Wardha-Dhamangaon	IntraState	30/04/2015	11.12	30/04/2015	21.01	PO	For Relay Testing.
Kalwa - Borivali	IntraState	01/05/2015	05.22		Continued.	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 kv 200 MVA ICT III @Apta	IntraState	30/04/2015	11.07		Continued.	PO	Shifted on TBC for Pole Overhauling Work.

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