

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Apr/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.506	121.506	1) Gujrat	-1.023	-1.023
2) Hydro	13.152	13.152	2) Madhya Pradesh	17.821	17.821
3) Gas	8.998	8.998	3) Chattisgarh	5.200	5.200
Total MSPGCL	143.656	143.656	4) Maharashtra Net	86.452	86.452
B) 1) APML	48.450	48.450	5) Goa	-6.892	-6.892
2) JSWEL	21.053	21.053	6) TAPS 1&2 Injection	3.574	3.574
3) VIPL	10.892	10.892	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	14.640	14.640	8) Pench (MS)	0.031	0.031
5) WPCL	2.718	2.718	9) Pench (Excess)	-0.031	-0.031
6) Other IPP	9.136	9.136	Total	105.101	105.101
C) 1) TPCL Thermal	19.261	19.261	a) Mumbai Schedule	20.356	20.356
2) TPCL Hydro	3.800	3.800	b) Mumbai Drawl	22.952	22.952
3) TPCL Gas	3.012	3.012	c) MSEDCL Bilateral *	24.189	24.189
4) R-INFRA Thermal	11.408	11.408	Include PX	-3.244	-3.244
D) STATE			d) Mumbai Bilateral *	20.356	20.356
1) Thermal	259.064	259.064	Include PX	1.022	1.022
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.952	16.952	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.010	12.010	1) MSEDCL	344.331	344.362
4) Wind	10.330	10.330	2) Mumbai Discoms	60.433	60.433
6) SOLAR	1.307	1.307	TOTAL STATE	404.764	404.795
TOTAL STATE	299.663	299.663			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5249	5296	4710	5036
MSPGCL Hydro	1272	349	911	144
MSPGCL Gas	424	422	186	450
MSPGCL Total Generation	6945	6067	5807	5630
Central Sector Receipt	4769	5506	3905	4150
WIND	83	248	898	387
CPP / IPP	4685	4673	4498	4031
SOLAR	164	163	0	0
Exchange with Mumbai	-1231	-1243	-927	-666
MSEDCL DEMAND MET	15415	15414	14181	13532
Load Shedding	61	57	68	52
MSEDCL DEMAND	15476	15471	14249	13584
TPCL GENERATION	1312	1270	1369	782
R-INFRA GENERATION	515	516	517	386
MUMBAI DEMAND	3058	3029	2837	1834
STATE DEMAND MET	18473	18443	17018	15366
STATE DEMAND	18534	18500	17086	15418
Frequency (Hz)	49.97	49.97	49.94	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18.04 Hrs	49.69 Hz at 05.43 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 01/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.00	4.00	180	155
Total	4.00	4.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.21	4.21	190	165
Unit 4	10.50	10.50	510	360
Unit 5	10.51	10.51	510	370
Total	25.22	25.22		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.23	3.23	155	123
Unit 5	3.56	3.56	158	143
Unit 6	4.62	4.62	210	181
Unit 7	4.92	4.92	250	180
Total	16.34	16.34		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.27	3.27	140	133
Unit 3	4.32	4.32	204	164
Unit 4	4.38	4.38	196	161
Unit 5	9.61	9.61	430	370
Unit 6	9.39	9.39	415	350
Unit 7	8.11	8.11	420	272
Total	39.09	39.09		
Paras				
Unit 3	5.15	5.15	240	197
Unit 4	0.00	0.00	0	0
Total	5.15	5.15		
Khaparkheda				
Unit 1	3.66	3.66	165	135
Unit 2	0.44	0.44	160	0
Unit 3	3.97	3.97	182	150
Unit 4	3.87	3.87	179	134
Unit 5	10.52	10.52	470	395
Total	22.47	22.47		
Nasik				
Unit 3	4.70	4.70	210	180
Unit 4	4.54	4.54	200	180
Unit 5	0.00	0.00	0	0
Total	9.24	9.24		
Uran				
All Units	9.00	9.00	454	177
Total	9.00	9.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.03	24	0
Total	0.03	0.03		
Koyna				
Stage 1-2	4.39	4.39	540	40
Stage 4	1.89	1.89	433	0
Stage 3	1.38	1.38	238	0
Total	7.66	7.66		
Hydro				
KDPH	0.88	0.88	37	36
VTRNA	1.20	1.20	61	0
TILLARI	0.38	0.38	64	0
BHTGR/VEER	0.06	0.06	3	2
BHIRA T.R.	0.19	0.19	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.51	0.51	22	21
ELDARY	0.37	0.37	16	13
SMLHY_PTN	0.74	0.74	31	30
GHATGHAR	1.16	1.16	125	0
Total	5.49	5.49		
Wind				
Total	10.33	10.33	0	0
Total	10.33	10.33		
CPP				
APML(Mus)	48.45	48.45	0	0
JSWEL(Mus)	21.05	21.05	0	0
VIPL(Mus)	10.89	10.89	0	0
RPLAMT(Mus)	14.64	14.64	0	0
WPCL(Mus)	2.72	2.72	0	0
Other(Mus)	9.14	9.14	0	0
Total	106.89	106.89		
SOLAR				
Total	1.31	1.31	0	0
Total	1.31	1.31		
Tata				
Trombay 5	10.17	10.17	492	314
Trombay 6	3.51	3.51	148	145
Trombay 7A	1.73	1.73	98	64
Trombay 7B	1.28	1.28	61	50
Trombay 8	5.58	5.58	250	201
TATA Hydro	3.80	3.80	369	0
Total	26.07	26.07		
R-INFRA				
1-2	11.41	11.41	518	379
Total	11.41	11.41		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.51	121.51
MSPGCL Thml+Gas	130.50	130.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	13.15	13.15
MSPGCL Total	143.66	143.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.28	6.28
State Total	299.66	299.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5077	523	448	6048	377	4299	0	4343	3997	-1030	13691	64	13755	2227	15982	49.84
2	5076	413	452	5941	385	4362	0	4218	4353	-847	14194	48	14242	2060	16302	49.90
3	5128	154	454	5736	347	4167	0	4207	3854	-615	13489	52	13541	1927	15468	49.92
4	5036	144	450	5630	387	4031	0	4207	4150	-666	13532	52	13584	1834	15418	49.89
5	4986	153	451	5590	470	4003	0	4243	4176	-637	13602	55	13657	1804	15461	49.92
6	4966	300	450	5716	408	4030	0	4439	4739	-685	14208	67	14275	1866	16141	49.80
7	5044	943	450	6437	381	4181	0	4426	4394	-576	14817	100	14917	1953	16870	49.94
8	5295	926	450	6671	268	4343	31	4525	4042	-515	14840	100	14940	2058	16998	49.97
9	5304	662	443	6409	178	4378	77	4640	4331	-655	14718	89	14807	2358	17165	49.94
10	5273	962	432	6667	121	4534	131	4705	4472	-843	15082	68	15150	2651	17801	49.89
11	5230	1386	428	7044	85	4486	154	4872	4810	-1113	15466	54	15520	2976	18496	49.92
12	5249	1272	424	6945	83	4685	164	5018	4769	-1231	15415	61	15476	3058	18534	49.97
13	5283	612	422	6317	127	4725	177	5076	5171	-1238	15279	71	15350	3055	18405	49.94
14	5275	459	418	6152	180	4647	180	5094	5164	-1207	15116	62	15178	2981	18159	49.99
15	5296	349	422	6067	248	4673	163	5161	5506	-1243	15414	57	15471	3029	18500	49.97
16	5235	571	425	6231	371	4663	122	5045	5221	-1289	15319	45	15364	3048	18412	50.00
17	5200	487	280	5967	526	4695	78	4853	5007	-1233	15040	51	15091	3015	18106	49.96
18	5116	280	177	5573	618	4635	29	4071	3437	-1148	13144	63	13207	2906	16113	50.06
19	4830	281	192	5303	799	4453	1	3807	3377	-1058	12875	66	12941	2796	15737	50.06
20	4710	911	186	5807	898	4498	0	4205	3905	-927	14181	68	14249	2837	17086	49.94
21	4735	409	283	5427	859	4580	0	4084	3976	-904	13938	59	13997	2691	16688	50.00
22	4734	217	284	5235	804	4607	0	3950	4004	-1022	13628	44	13672	2554	16226	49.99
23	4739	324	289	5352	757	4623	0	3989	4060	-1115	13677	44	13721	2378	16099	49.98
24	4689	414	288	5391	653	4591	0	4065	4186	-1155	13666	44	13710	2402	16112	49.92
MUs	121.5 1	13.15	9.00	143.66	10.33	106.89	1.31	107.24	105.10	-22.95	344.33	1.48	345.82	60.46	406.28	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 01/Apr/2015

Position as on 6.30 Hrs of 02/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	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkhedha Unit 2	210	01/04/2015	03.16		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
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-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
MSPGCL	Uran Unit 7	108	21/03/2015	13.56	01/04/2015	17.12	Gas shortage	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Nasik Unit 5	210	28/03/2015	22.55	02/04/2015	01.15	BTL.	
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.	
IPP	RPL(AMT) U-2	270	01/04/2015	02.05		Continued.	Withdrawn	
IPP	RPL(AMT) U-5	270	01/04/2015	02.29	01/04/2015	06.23	Boiler Feed Pump Tripped	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 02/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	28/03/2015	12.00		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Koradi III - Tirora - I	IntraState	01/04/2015	16.28	01/04/2015	21.44	PO	BKR Pole replacement work
400 KV LINE Outages/Trippings							
Wardha (Pg) Warora I	InterState	31/03/2015	08.39	01/04/2015	20.29	PO	De-stringing work(2Days)
Kolhapur Mapusa II	InterState	31/03/2015	08.48		Continued.	HT	Maint.work at Mapusa end
Dhule Sar'Sarovar II	InterState	31/03/2015	17.57	01/04/2015	09.12	T	Over Voltage
Dhule Sar'Sarovar I	InterState	01/04/2015	18.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	31/03/2015	17.47	01/04/2015	07.35	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/03/2015	18.02	01/04/2015	07.38	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/03/2015	18.23	01/04/2015	08.05	HT	Over Voltage
karad -kolhapur-II	IntraState	01/04/2015	17.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/04/2015	17.11		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/04/2015	18.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	02/04/2015	03.15		Continued.	T	Differential protection
220 KV LINE Outages/Trippings							
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
Mudshingi-Wathar	IntraState	01/04/2015	10.33	01/04/2015	16.40	T	Distance Protection
Lamboti - Solapur li(Bale) Ckt- I	IntraState	01/04/2015	11.00	01/04/2015	13.36	PO	Line Maintenance work
Osmanabad - Barshi	IntraState	01/04/2015	11.25	01/04/2015	14.15	PO	Replacement of repair sleeves
Lamboti -Solapur li(Bale) Ckt- li	IntraState	01/04/2015	13.55	01/04/2015	17.05	PO	Line Maintenance work
Mahad - Posco	IntraState	01/04/2015	14.48	01/04/2015	15.55	T	Distance Protection
Butibori-Sunvijay	IntraState	01/04/2015	15.01	01/04/2015	18.49	PO	Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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