

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Apr/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.595	1266.302	1) Gujrat	-4.233	-58.581
2) Hydro	12.556	148.112	2) Madhya Pradesh	14.330	183.068
3) Gas	10.710	131.128	3) Chattisgarh	8.270	102.240
Total MSPGCL	127.861	1545.542	4) Maharashtra Net	116.364	1341.396
B) 1) APML	66.522	852.876	5) Goa (Amona)	-0.560	-6.782
2) JSWEL	27.446	340.022	6) TAPS 1&2 Injection	2.672	46.761
3) VIPL	7.209	166.024	7) RGPPL Injection	11.742	152.041
4) RPL(AMT)	16.054	200.904	8) Pench (MS)	0.051	2.027
5) WPCL	4.500	58.454	9) Pench (Excess)	-0.051	-2.027
6) Other IPP	6.945	99.152	Total	148.534	1758.116
C) 1) TPCL Thermal	17.482	206.923	a) Mumbai Schedule	30.770	352.032
2) TPCL Hydro	4.009	41.934	b) Mumbai Drawl	32.542	394.548
3) TPCL Gas	4.008	52.703	c) MSEDCL Bilateral *	34.534	416.293
4) R-INFRA Thermal	6.137	75.263	Include PX	-2.615	-50.984
D) STATE			d) Mumbai Bilateral *	30.770	352.032
1) Thermal	256.890	3265.920	Include PX	14.072	81.867
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	16.565	190.046	H) ENERGY CATERED (MUs)		
3) Gas	14.718	183.831	1) MSEDCL	386.073	4797.627
4) Wind	12.126	154.356	2) Mumbai Discoms	64.178	771.373
6) SOLAR	1.418	16.729	TOTAL STATE	450.251	5569.000
TOTAL STATE	301.717	3810.882			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4442	4663	4511	3804
MSPGCL Hydro	1408	1010	258	252
MSPGCL Gas	428	445	455	461
MSPGCL Total Generation	6278	6118	5224	4517
Central Sector Receipt	6614	6465	6059	5918
WIND	87	303	919	823
CPP / IPP	5430	5488	5482	5064
SOLAR	172	133	0	0
Exchange with Mumbai	-1586	-1631	-1514	-805
MSEDCL DEMAND MET	16995	16876	16170	15517
Load Shedding	0	0	0	0
MSEDCL DEMAND	16995	16876	16170	15517
TPCL GENERATION	1286	1303	1002	909
R-INFRA GENERATION	249	249	257	259
MUMBAI DEMAND	3121	3183	2773	1973
STATE DEMAND MET	20116	20059	18943	17490
STATE DEMAND	20116	20059	18943	17490
Frequency (Hz)	50.07	49.98	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 10.02 Hrs	49.73 Hz at 21.06 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 13/Apr/2016

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	0.00	0.00	0	0
Unit 8	3.83	4.52	343	0
Total	3.83	4.52		
Bhusawal				
Unit 2	3.82	49.85	170	145
Unit 3	0.00	45.88	0	0
Unit 4	10.68	138.68	500	350
Unit 5	11.20	138.09	510	355
Total	25.72	372.50		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.55	58.19	198	180
Unit 4	0.00	47.80	0	0
Unit 5	10.36	131.46	446	360
Unit 6	0.00	0.00	0	0
Unit 7	10.42	110.29	447	420
Total	25.33	347.74		
Paras				
Unit 3	6.05	76.01	258	250
Unit 4	6.12	75.46	262	250
Total	12.17	151.47		
Khaparkheda				
Unit 1	4.12	45.10	185	150
Unit 2	1.32	50.26	165	0
Unit 3	4.61	57.29	205	162
Unit 4	4.41	58.53	210	160
Unit 5	9.93	10.49	500	228
Total	24.40	221.68		
Nasik				
Unit 3	4.40	56.36	205	160
Unit 4	4.42	55.95	203	162
Unit 5	4.32	56.09	200	160
Total	13.14	168.39		
Uran				
All Units	10.71	131.13	465	427
Total	10.71	131.13		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	2.03	19	0
Total	0.05	2.03		
Koyna				
Stage 1-2	4.48	56.10	510	40
Stage 4	2.57	30.04	495	0
Stage 3	2.51	19.94	160	0
Total	9.56	106.08		
Hydro				
KDPH	0.72	8.84	30	29
VTRNA	0.45	6.60	61	0
TILLARI	0.21	2.05	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.42	80	0
RNGR+BHTSA	0.18	2.56	10	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.56	10.74	24	23
GHATGHAR	0.71	7.58	210	0
Total	3.00	42.03		
Wind				
Total	12.13	154.36	0	0
Total	12.13	154.36		
CPP				
APML(Mus)	66.52	852.88	0	0
JSWEL(Mus)	27.45	340.02	0	0
VIPL(Mus)	7.21	166.02	0	0
RPLAMT(Mus)	16.05	200.90	0	0
WPCL(Mus)	4.50	58.45	0	0
Other(Mus)	6.94	99.15	0	0
Total	128.68	1717.43		
SOLAR				
Total	1.42	16.73	0	0
Total	1.42	16.73		
Tata				
Trombay 5	11.61	132.59	495	455
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.52	33.05	114	87
Trombay 7B	1.48	19.65	65	56
Trombay 8	5.87	74.27	247	243
TATA Hydro	4.01	41.93	427	14
Total	25.50	301.56		
R-INFRA				
1-2	6.14	75.26	260	247
Total	6.14	75.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	104.60	1266.30	MSPGCL Total	127.86	1545.54
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	115.30	1397.43	Koyna 1,2 & 4 Total	7.05	86.15
Koradi 9	0.00	0.00	MSPGCL Hydro	12.56	148.11	State Total	301.72	3810.88
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Apr/2016

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	4128	344	455	4927	817	5327	0	5963	6386	-1321	16136	0	16136	2498	18634	49.98
2	4145	252	453	4850	727	5289	0	5677	5880	-1101	15645	0	15645	2267	17912	49.98
3	3962	252	465	4679	815	5125	0	5834	5807	-978	15448	0	15448	2116	17564	49.99
4	3810	262	464	4536	852	5077	0	5748	6451	-868	16048	0	16048	2022	18070	50.00
5	3804	252	461	4517	823	5064	0	5707	5918	-805	15517	0	15517	1973	17490	49.99
6	3839	260	455	4554	684	5084	0	5710	6026	-858	15490	0	15490	2030	17520	49.98
7	4315	317	461	5093	515	5269	0	5776	6091	-889	16079	0	16079	2061	18140	50.00
8	4488	292	451	5231	337	5339	33	5867	5953	-1028	15865	0	15865	2203	18068	49.99
9	4489	323	446	5258	211	5407	91	6131	6518	-1221	16264	0	16264	2447	18711	50.00
10	4535	777	442	5754	173	5466	137	6316	6571	-1464	16637	0	16637	2809	19446	50.00
11	4442	1408	428	6278	87	5430	172	6355	6614	-1586	16995	0	16995	3121	20116	50.07
12	4478	1155	438	6071	73	5430	187	6587	6552	-1651	16662	0	16662	3214	19876	49.99
13	4539	775	427	5741	104	5466	191	6637	6585	-1641	16446	0	16446	3204	19650	49.95
14	4584	608	430	5622	233	5410	185	6437	6451	-1630	16271	0	16271	3129	19400	50.00
15	4635	488	436	5559	262	5444	166	6423	6572	-1623	16380	0	16380	3167	19547	49.93
16	4663	1010	445	6118	303	5488	133	6391	6465	-1631	16876	0	16876	3183	20059	49.98
17	4649	713	432	5794	373	5545	89	6233	6472	-1595	16678	0	16678	3149	19827	49.95
18	4649	197	444	5290	461	5553	33	5936	5793	-1633	15497	0	15497	3080	18577	49.99
19	4247	239	449	4935	459	5301	1	5918	6031	-1555	15172	0	15172	2893	18065	49.98
20	4274	815	436	5525	589	5334	0	6288	6113	-1534	16027	0	16027	2903	18930	49.99
21	4511	258	455	5224	919	5482	0	6261	6059	-1514	16170	0	16170	2773	18943	49.90
22	4138	827	440	5405	855	5368	0	5342	5706	-1510	15824	0	15824	2739	18563	49.95
23	4596	618	438	5652	796	5464	0	5394	5489	-1498	15903	0	15903	2643	18546	49.89
24	4675	114	459	5248	658	5511	0	6196	6031	-1408	16040	0	16040	2554	18594	49.94
MUs	104.59	12.56	10.71	127.86	12.13	128.68	1.42	145.13	148.53	-32.54	386.07	0.00	386.07	64.18	450.25	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 13/Apr/2016

Position as on 6.30 Hrs of 14/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPP	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00	13/04/2016	05.23	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPP	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	12/04/2016	01.34		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Apr/2016

Position as on 6.30 Hrs of 14/Apr/2016

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	12/04/2016	07.13		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	12/04/2016	11.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	12/04/2016	22.30	13/04/2016	09.06	Boiler Feed Pump Problem.	
MSPGCL	Khaparkheda Unit 2	210	13/04/2016	10.08		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 14/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	12/04/2016	18.06	13/04/2016	06.58	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Karad - Jaigad - II	IntraState	12/04/2016	16.38	13/04/2016	08.42	T	Bus-I Operated R Pole Breaker of Kolhapur-I Burst @ Karad.
N.Koyna-Karad -Ckt II	IntraState	12/04/2016	16.38	13/04/2016	08.39	T	Bus-I Operated R Pole Breaker of Kolhapur-I Burst @ Karad.
karad -kolhapur-I	IntraState	12/04/2016	16.38		Continued.	T	Bus-I Operated R Pole Breaker of Kolhapur-I Burst @ Karad.
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	13/04/2016	11.15	13/04/2016	13.20	PO	To attend Hot Spot
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	13/04/2016	12.17	13/04/2016	19.55	PO	Hot line work of Isolator.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
Borivali - Tarapur	InterState	14/04/2016	05.45		Continued.	PO	For Consignment Movement at Tarapur End.
Boisar Tarapur	InterState	14/04/2016	05.50		Continued.	PO	For Consignment Movement at Tarapur End.
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 de-energising 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 de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09.15	13/04/2016	20.24	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Kalwa-Salsette-VI	IntraState	13/04/2016	08.57	13/04/2016	20.28	HT	To Control Salsette-Borivali Loading.
Mudshingi-Belewadi	IntraState	13/04/2016	09.25	13/04/2016	16.45	PO	Routine Maintenance Work
Chinchwad-Hinjewadi I	IntraState	13/04/2016	09.54	13/04/2016	17.21	PO	To Control Chinchwad Line Loading.
Aurangabad (Waluj)-Bhenda	IntraState	13/04/2016	10.34	13/04/2016	16.25	PO	Routine Maintenance Work
Talandage(400kv) - Five Star Midc	IntraState	13/04/2016	14.47	13/04/2016	16.01	PO	CT Tan Delta Work.
Lamboti - Pandharpur li	IntraState	13/04/2016	16.55	13/04/2016	18.49	PO	String Replacement Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	13/04/2016	11.36	13/04/2016	13.27	PO	Tree Cutting.

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