

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.967	1924.040	1) Gujrat	-4.998	-57.009
2) Hydro	4.095	101.924	2) Madhya Pradesh	10.298	151.487
3) Gas	10.779	174.930	3) Chattisgarh	6.250	90.940
Total MSPGCL	117.841	2200.894	4) Maharashtra Net	87.002	1356.200
B) 1) APML	62.859	1082.478	5) Goa (Amona)	-0.472	-8.608
2) JSWEL	26.212	446.403	6) TAPS 1&2 Injection	3.696	59.994
3) VIPL	10.751	169.529	7) RGPPL Injection	9.159	208.688
4) RPL(AMT)	14.085	379.779	8) Pench (MS)	0.646	8.418
5) WPCL	4.768	82.046	9) Pench (Excess)	-0.646	-8.354
6) Other IPP	8.582	161.996	Total	110.289	1793.338
C) 1) TPCL Thermal	8.306	145.149	a) Mumbai Schedule	16.713	290.841
2) TPCL Hydro	3.795	68.282	b) Mumbai Drawl	25.788	404.880
3) TPCL Gas	3.893	67.921	c) MSEDCL Bilateral *	31.487	520.466
4) R-INFRA Thermal	10.280	187.910	Include PX	-2.307	-63.973
D) STATE			d) Mumbai Bilateral *	16.713	290.841
1) Thermal	248.810	4579.330	Include PX	0.259	18.388
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.890	170.206	H) ENERGY CATERED (MUs)		
3) Gas	14.672	242.851	1) MSEDCL	344.063	6062.034
4) Wind	13.140	127.961	2) Mumbai Discoms	52.062	874.140
6) SOLAR	1.324	22.490	TOTAL STATE	396.125	6936.174
TOTAL STATE	285.836	5142.838			

* 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 4 Hrs
MSPGCL Thermal	4832	4281	4298	4040
MSPGCL Hydro	128	123	401	82
MSPGCL Gas	448	447	450	461
MSPGCL Total Generation	5408	4851	5149	4583
Central Sector Receipt	5121	5325	5204	3505
WIND	696	581	236	688
CPP / IPP	5781	5565	5516	4941
SOLAR	156	161	0	0
Exchange with Mumbai	-1108	-1277	-1470	-622
MSEDCL DEMAND MET	16054	15206	14635	13095
Load Shedding	4	4	4	4
MSEDCL DEMAND	16058	15210	14639	13099
TPCL GENERATION	1058	915	660	456
R-INFRA GENERATION	508	476	403	404
MUMBAI DEMAND	2674	2668	2533	1482
STATE DEMAND MET	18728	17874	17168	14577
STATE DEMAND	18732	17878	17172	14581
Frequency (Hz)	49.95	49.99	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:02 Hrs	49.74 Hz at 22:07 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 18/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.56	62.24	140	0
Unit 6	0.00	0.00	0	0
Unit 7	1.73	1.73	155	0
Unit 8	8.37	95.35	364	322
Total	11.66	159.32		
Bhusawal				
Unit 2	4.03	71.58	175	160
Unit 3	4.00	61.72	180	160
Unit 4	0.00	121.46	0	0
Unit 5	8.50	132.36	360	345
Total	16.53	387.12		
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	0.00	66.94	0	0
Unit 4	4.12	74.49	200	160
Unit 5	9.29	165.94	500	360
Unit 6	9.58	171.80	430	389
Unit 7	8.93	111.31	435	350
Total	31.92	590.49		
Paras				
Unit 3	5.03	85.38	260	190
Unit 4	5.05	91.62	254	190
Total	10.09	177.00		
Khaparkheda				
Unit 1	3.88	64.67	180	145
Unit 2	3.84	62.22	180	130
Unit 3	2.69	49.05	176	0
Unit 4	3.91	69.23	184	158
Unit 5	9.51	176.10	500	364
Total	23.84	421.26		
Nasik				
Unit 3	0.00	47.16	0	0
Unit 4	4.02	73.01	193	158
Unit 5	4.10	67.86	196	160
Total	8.12	188.03		
Uran				
All Units	10.78	174.93	464	424
Total	10.78	174.93		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.65	8.42	49	0
Total	0.65	8.42		
Koyna				
Stage 1-2	1.98	36.07	280	40
Stage 4	0.52	5.92	255	0
Stage 3	0.36	10.06	80	0
Total	2.86	52.05		
Hydro				
KDPH	0.42	6.39	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.00	1.52	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	4.20	40	0
RNGR+BHTSA	0.00	4.10	0	0
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	13.31	25	24
GHATGHAR	0.00	15.18	0	0
Total	1.24	49.88		
Wind				
Total	13.14	127.96	0	0
Total	13.14	127.96		
CPP				
APML(Mus)	62.86	1082.48	0	0
JSWEL(Mus)	26.21	446.40	0	0
VIPL(Mus)	10.75	169.53	0	0
RPLAMT(Mus)	14.08	379.78	0	0
WPCL(Mus)	4.77	82.05	0	0
Other(Mus)	8.58	162.00	0	0
Total	127.26	2322.23		
SOLAR				
Total	1.32	22.49	0	0
Total	1.32	22.49		
Tata				
Trombay 5	8.31	109.38	494	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	41.63	115	85
Trombay 7B	1.50	26.30	68	57
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.80	68.28	448	0
Total	15.99	281.35		
R-INFRA				
1-2	10.28	187.91	516	403
Total	10.28	187.91		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.82
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.97	1924.04
MSPGCL Thml+Gas	113.75	2098.97

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.10	101.92
MSPGCL Total	117.84	2200.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.50	41.99
State Total	285.84	5142.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Feb/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	4001	157	458	4616	600	4927	0	3842	3953	-842	13254	4	13258	1706	14964	49.96
2	4026	92	461	4579	606	4927	0	3597	4188	-722	13578	4	13582	1583	15165	49.99
3	4010	82	459	4551	583	4927	0	3403	3770	-649	13182	4	13186	1512	14698	49.98
4	4040	82	461	4583	688	4941	0	3326	3505	-622	13095	4	13099	1482	14581	50.00
5	4070	92	459	4621	707	4936	0	3533	3543	-609	13198	4	13202	1472	14674	49.97
6	4039	82	462	4583	734	4938	0	4527	4179	-698	13736	4	13740	1562	15302	49.95
7	4255	82	460	4797	836	5171	0	4976	4709	-859	14654	4	14658	1724	16382	49.95
8	4651	87	457	5195	826	5539	12	4980	4771	-935	15408	4	15412	1932	17344	49.96
9	4704	87	455	5246	809	5735	70	4989	5062	-967	15955	4	15959	2140	18099	49.99
10	4788	123	464	5375	684	5776	129	4995	5281	-1039	16206	4	16210	2495	18705	49.95
11	4832	128	448	5408	696	5781	156	5057	5121	-1108	16054	4	16058	2674	18732	49.95
12	4448	123	424	4995	728	5771	188	5081	5128	-1141	15669	4	15673	2696	18369	49.98
13	4281	123	447	4851	581	5565	161	5066	5325	-1277	15206	4	15210	2668	17878	49.99
14	4137	133	432	4702	462	5242	227	5023	5370	-1365	14638	4	14642	2574	17216	49.94
15	4173	307	433	4913	370	5175	155	5015	5593	-1316	14890	4	14894	2586	17480	49.92
16	4156	208	430	4794	287	5441	129	5019	5534	-1186	14999	4	15003	2536	17539	49.92
17	4181	323	448	4952	226	5446	73	4853	5043	-1276	14464	4	14468	2581	17049	49.91
18	4275	350	448	5073	218	5470	23	3657	4278	-1386	13676	4	13680	2516	16196	49.97
19	4262	621	449	5332	193	5498	1	3856	3869	-1381	13512	4	13516	2506	16022	49.98
20	4298	401	450	5149	236	5516	0	5054	5204	-1470	14635	4	14639	2533	17172	50.00
21	4307	116	451	4874	379	5438	0	4900	5014	-1371	14334	4	14338	2374	16712	49.98
22	4351	87	452	4890	609	5160	0	4321	4200	-1357	13502	4	13506	2231	15737	49.95
23	4346	87	431	4864	641	4990	0	3936	3849	-1172	13172	4	13176	2074	15250	49.92
24	4336	122	440	4898	441	4948	0	3579	3800	-1040	13047	4	13051	1905	14956	49.95
MUs	102.97	4.09	10.78	117.84	13.14	127.26	1.32	106.59	110.29	-25.79	344.06	0.10	344.16	52.06	396.22	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 18/Feb/2016

Position as on 6.30 Hrs of 19/Feb/2016

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 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		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 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	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	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12	18/02/2016	09.00	MSEDCL Zero Shedule.	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Chandrapur Unit 3	210	17/02/2016	00.16		Continued.	BTL.	
MSPGCL	Khaparkheda Unit 3	210	17/02/2016	14.44	18/02/2016	04.24	Air heater jum	
MSPGCL	Nasik Unit 3	210	17/02/2016	20.15		Continued.	ID Fan Problem	
RGPL	Dabhol 2X	290	18/02/2016	04.21	18/02/2016	06.59	STG problem	
RGPL	Dabhol 2B	230	18/02/2016	04.25	18/02/2016	06.00	STG problem	
RGPL	Dabhol 2A	230	18/02/2016	04.27	18/02/2016	11.51	STG problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Feb/2016

Position as on 6.30 Hrs of 19/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	18/02/2016	05.08	18/02/2016	06.46	Drum level low	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 19/Feb/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							
Kolhapur Solapur (PG) II	InterState	17/02/2016	17.35	18/02/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/02/2016	18.01	18/02/2016	06.33	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	18/02/2016	08.23	18/02/2016	21.41	PO	testing work & insulator replacement work
Kolhapur Solapur (PG) II	InterState	18/02/2016	17.16		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/02/2016	17.17		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Karad - Lonikand 1	IntraState	17/02/2016	10.29	18/02/2016	09.16	EO	Attending Hot Spot RFC 17.05
Nagothane - Dabhol I	IntraState	17/02/2016	12.30	18/02/2016	08.02	PO	CVT Replacement work RFC 22.58
Karad-Jaigad - I	IntraState	17/02/2016	16.11	18/02/2016	09.46	HT	Over Voltage
karad -kolhapur-II	IntraState	17/02/2016	16.16	18/02/2016	09.42	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/02/2016	06.20	18/02/2016	09.15	EO	Attending Hot Spot
Koradi-Khaperkheda I	IntraState	18/02/2016	09.52	18/02/2016	17.22	PO	Testing Work
Chandrapur2-Parali 2 ckt1	IntraState	18/02/2016	10.00	18/02/2016	17.20	PO	Routine Maintenance Work
Lonikand I - Koyna stage-IV	IntraState	18/02/2016	12.37	18/02/2016	20.17	PO	insulator string decapping work
Aurangabad - Aurangabad(PG) I	IntraState	18/02/2016	13.19	18/02/2016	21.34	PO	Insulator Replacement Work
karad -kolhapur-II	IntraState	18/02/2016	16.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/02/2016	16.34		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	18/02/2016	19.01	18/02/2016	20.10	T	Over Voltage
Parly(MS)- Nanded	IntraState	18/02/2016	19.01	18/02/2016	19.46	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/02/2016	22.21		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Mahalakshmi Amona	InterState	18/02/2016	11.19	18/02/2016	14.07	PO	signature analysis work
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		Continued.	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).
Bableswhar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Kandalgaon - Pirangut	IntraState	18/02/2016	10.10	18/02/2016	17.50	PO	Relay Testing Work
Talange-Hamidwada	IntraState	18/02/2016	17.39	18/02/2016	17.53	T	Distance Protection
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)
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	15/02/2016	13.04		Continued.	PO	Work of Oil Filtration of ICT.

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