

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.698	2243.780	1) Gujrat	-3.061	-71.666
2) Hydro	4.027	118.595	2) Madhya Pradesh	10.293	178.981
3) Gas	10.539	206.634	3) Chattisgarh	5.780	109.320
Total MSPGCL	126.264	2569.009	4) Maharashtra Net	76.723	1601.048
B) 1) APML	65.200	1276.419	5) Goa (Amona)	-0.262	-9.836
2) JSWEL	24.588	524.158	6) TAPS 1&2 Injection	3.668	71.025
3) VIPL	11.158	204.211	7) RGPPL Injection	11.755	243.844
4) RPL(AMT)	15.267	426.132	8) Pench (MS)	0.489	10.271
5) WPCL	4.411	95.835	9) Pench (Excess)	-0.489	-10.207
6) Other IPP	9.399	189.358	Total	104.407	2112.509
C) 1) TPCL Thermal	8.582	172.630	a) Mumbai Schedule	15.415	341.853
2) TPCL Hydro	0.180	74.231	b) Mumbai Drawl	20.425	474.034
3) TPCL Gas	4.133	79.080	c) MSEDCL Bilateral *	29.721	613.541
4) R-INFRA Thermal	10.476	220.441	Include PX	-1.935	-69.779
D) STATE			d) Mumbai Bilateral *	15.415	341.853
1) Thermal	260.779	5352.964	Include PX	0.456	19.757
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.207	192.826	H) ENERGY CATERED (MUs)		
3) Gas	14.672	285.714	1) MSEDCL	348.296	7096.190
4) Wind	6.904	146.738	2) Mumbai Discoms	43.796	1020.410
6) SOLAR	1.123	25.855	TOTAL STATE	392.092	8116.600
TOTAL STATE	287.685	6004.097			

* 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	5268	5237	4244	4526
MSPGCL Hydro	380	141	288	98
MSPGCL Gas	441	430	427	452
MSPGCL Total Generation	6089	5808	4959	5076
Central Sector Receipt	4732	4652	4861	3642
WIND	34	92	523	388
CPP / IPP	5895	5866	5335	4884
SOLAR	132	173	0	0
Exchange with Mumbai	-777	-845	-1146	-650
MSEDCL DEMAND MET	16105	15746	14532	13340
Load Shedding	4	4	5	4
MSEDCL DEMAND	16109	15750	14537	13344
TPCL GENERATION	747	675	498	465
R-INFRA GENERATION	517	517	403	404
MUMBAI DEMAND	2041	2037	2047	1519
STATE DEMAND MET	18146	17783	16579	14859
STATE DEMAND	18150	17787	16584	14863
Frequency (Hz)	49.94	49.98	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 1800 Hrs	49.81 Hz at 2206 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 21/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	62.24	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.41	11.79	150	135
Unit 8	8.62	119.17	365	348
Total	12.03	193.20		
Bhusawal				
Unit 2	4.06	83.85	175	160
Unit 3	4.03	73.82	175	155
Unit 4	0.00	121.46	0	0
Unit 5	9.16	160.38	500	350
Total	17.24	439.52		
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	4.07	71.94	183	163
Unit 4	4.15	87.01	195	155
Unit 5	9.62	195.10	485	365
Unit 6	5.84	196.73	404	0
Unit 7	9.26	139.08	418	336
Total	32.94	689.86		
Paras				
Unit 3	5.37	101.29	254	128
Unit 4	5.52	102.47	260	192
Total	10.89	203.76		
Khaparkheda				
Unit 1	3.83	76.30	180	135
Unit 2	4.02	70.00	185	160
Unit 3	4.08	61.52	203	160
Unit 4	3.98	81.56	185	158
Unit 5	9.91	206.47	500	360
Total	25.82	495.84		
Nasik				
Unit 3	4.35	52.22	205	165
Unit 4	4.18	85.54	193	160
Unit 5	4.24	80.57	202	160
Total	12.77	218.33		
Uran				
All Units	10.54	206.63	462	415
Total	10.54	206.63		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.49	10.27	49	0
Total	0.49	10.27		
Koyna				
Stage 1-2	1.99	44.34	215	40
Stage 4	0.24	7.45	156	0
Stage 3	0.20	12.18	68	0
Total	2.44	63.97		
Hydro				
KDPH	0.66	8.35	28	27
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.	0.18	4.77	40	0
RNGR+BHTSA	0.25	4.60	11	10
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	15.04	21	20
GHATGHAR	0.00	15.18	0	0
Total	1.59	54.62		
Wind				
Total	6.90	146.74	0	0
Total	6.90	146.74		
CPP				
APML(Mus)	65.20	1276.42	0	0
JSWEL(Mus)	24.59	524.16	0	0
VIPL(Mus)	11.16	204.21	0	0
RPLAMT(Mus)	15.27	426.13	0	0
WPCL(Mus)	4.41	95.84	0	0
Other(Mus)	9.40	189.36	0	0
Total	130.02	2716.11		
SOLAR				
Total	1.12	25.86	0	0
Total	1.12	25.86		
Tata				
Trombay 5	8.58	136.86	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	48.43	115	89
Trombay 7B	1.56	30.65	68	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	0.18	74.23	72	11
Total	12.90	325.94		
R-INFRA				
1-2	10.48	220.44	519	402
Total	10.48	220.44		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.70	2243.78
MSPGCL Thml+Gas	122.24	2450.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.03	118.60
MSPGCL Total	126.26	2569.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.24	51.79
State Total	287.68	6004.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4493	137	440	5070	220	5396	0	4541	4062	-912	13836	5	13841	1778	15619	49.97
2	4461	97	440	4998	287	5112	0	4575	3885	-778	13504	4	13508	1647	15155	49.99
3	4529	103	453	5085	382	4949	0	4399	3640	-699	13357	4	13361	1566	14927	49.99
4	4526	98	452	5076	388	4884	0	4326	3642	-650	13340	4	13344	1519	14863	49.97
5	4504	108	453	5065	360	4878	0	4377	3693	-650	13346	4	13350	1517	14867	49.97
6	4688	98	453	5239	278	5107	0	4611	4093	-687	14030	4	14034	1554	15588	49.99
7	4839	98	456	5393	228	5403	0	4884	4589	-717	14896	4	14900	1589	16489	50.01
8	5061	238	443	5742	183	5529	12	4770	5112	-595	15983	4	15987	1613	17600	49.94
9	5207	224	462	5893	141	5829	41	4649	4555	-590	15869	4	15873	1765	17638	49.92
10	5326	169	432	5927	81	5893	80	4647	4866	-738	16109	4	16113	1941	18054	49.98
11	5268	380	441	6089	34	5895	132	4775	4732	-777	16105	4	16109	2041	18150	49.94
12	5273	233	415	5921	42	5904	144	4745	4658	-814	15855	4	15859	2053	17912	49.92
13	5237	141	430	5808	92	5866	173	4608	4652	-845	15746	4	15750	2037	17787	49.98
14	5110	109	424	5643	157	5634	165	4602	4678	-846	15431	5	15436	1966	17402	50.01
15	4824	104	434	5362	226	5498	146	4676	4672	-952	14952	5	14957	1910	16867	49.99
16	4399	274	425	5098	269	5463	131	4700	4883	-954	14890	5	14895	1859	16754	49.99
17	4385	239	439	5063	384	5455	71	4689	4748	-929	14792	5	14797	1833	16630	50.01
18	4245	99	415	4759	357	5378	27	4247	3612	-916	13217	5	13222	1818	15040	50.02
19	4151	135	451	4737	427	5243	1	3719	3986	-1028	13366	5	13371	1930	15301	50.00
20	4244	288	427	4959	523	5335	0	4648	4861	-1146	14532	5	14537	2047	16584	49.96
21	4272	160	443	4875	578	5351	0	4573	4436	-1145	14095	5	14100	2050	16150	49.94
22	4245	100	420	4765	558	5384	0	4135	4323	-1115	13915	5	13920	2017	15937	50.01
23	4242	225	442	4909	399	5348	0	3700	4012	-1044	13624	5	13629	1945	15574	49.97
24	4169	170	449	4788	310	5291	0	3950	4017	-898	13508	5	13513	1801	15314	50.01
MUs	111.7 0	4.03	10.54	126.26	6.90	130.02	1.12	107.55	104.41	-20.42	348.30	0.11	348.40	43.80	392.20	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 21/Feb/2016

Position as on 6.30 Hrs of 22/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	Koyana Unit 10	80	29/12/2015	08:00		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 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
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	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
CENT.SECTOR	TARAPUR 4	540	21/02/2016	10:33		Continued.	Transient Electric fault in Nuclear reactor.	
MSPGCL	Chandrapur Unit 6	500	21/02/2016	15.19		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	22/02/2016	04.14		Continued.	R Ph CT Burst @ 220KV Warora of Wardha Ckt.	
IPP	WPCL U-3	135	22/02/2016	04.14		Continued.	R Ph CT Burst @ 220KV	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Feb/2016

Position as on 6.30 Hrs of 22/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Warora of Wardha Ckt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2016

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							
Koradi III - Akola II- ckt-II	IntraState	19/02/2016	09:28		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Talegaon PG - Aurangabad - II	InterState	19/02/2016	09.51	21/02/2016	22.07	PO	TBC Isolator problem at Waluj end
Kolhapur Solapur (PG) II	InterState	20/02/2016	17.12	21/02/2016	07.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/02/2016	17.20	21/02/2016	07.34	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	21/02/2016	08.18	21/02/2016	19.23	PO	PGCIL Work.
Dhule Sar'Sarovar I	InterState	21/02/2016	17.20	22/02/2016	06.41	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	21/02/2016	17.33	22/02/2016	06.36	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
Jaigad-New Koyna Ckt-I	IntraState	20/02/2016	08:50	21/02/2016	09.03	PO	R&M WORK RFC:20:50
Chandrapur-II - Nanded	IntraState	21/02/2016	10.05	21/02/2016	18.54	PO	Fixing & Replacement of Broken Spacer.
Padghe - Kalwa- I	IntraState	21/02/2016	10.32	21/02/2016	16.44	PO	Wave Trap Replacement @ Padgha End.
karad -kolhapur-I	IntraState	21/02/2016	16.03		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/02/2016	16.39		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/02/2016	17.25		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
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).
Bableshtar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Padghe - Jambhul 1	IntraState	19/02/2016	15.10		Continued.	PO	Strengthening of A and B Bus structure(For 8 Days),Taken on TBC.
Flagship-Nandedcity	IntraState	20/02/2016	06.17	21/02/2016	20.38	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	20/02/2016	21.20	21/02/2016	06.07	PO	Narrow Base Multi Circuit Tower Work.
Telco- Chinchwad	IntraState	20/02/2016	21.24	21/02/2016	06.10	PO	Narrow Base Multi Circuit Tower Work.
Salsette Borivli 2	IntraState	21/02/2016	07.58		Continued.	PO	Routine Maintenance Work
Dahanu-Viraj	IntraState	21/02/2016	09.06	21/02/2016	13.53	PO	TO Replace CT @ Dahanu End.
Wpcl-Warora 2	IntraState	21/02/2016	10.56	21/02/2016	16.32	PO	Maint. Work @ WPCL End.
Boisar Versova Line	IntraState	21/02/2016	16.40	21/02/2016	17.26	PO	Maintenance Work.
Hinjawadi I- Chinchwad	IntraState	21/02/2016	20.31	22/02/2016	05.20	HT	Chinchwad Outage.
Chakan-Chinchwad	IntraState	21/02/2016	20.49	22/02/2016	05.03	PO	Narrow Base Multi Circuit Tower Work.
Telco- Chinchwad	IntraState	21/02/2016	21.05	22/02/2016	05.07	PO	Narrow Base Multi Circuit Tower Work.

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 21/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Warora - Hinganghat	IntraState	22/02/2016	04.14	22/02/2016	05.33	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Wpcl-Warora 1	IntraState	22/02/2016	04.14	22/02/2016	05.44	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Wpcl-Warora 2	IntraState	22/02/2016	04.14	22/02/2016	05.44	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
V Warora - Waroralytss1	IntraState	22/02/2016	04.14	22/02/2016	06.19	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Warora - Warora Rly Tss 2	IntraState	22/02/2016	04.14	22/02/2016	05.35	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Warora - Wardha	IntraState	22/02/2016	04.14		Continued.	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Flagship-Nandedcity	IntraState	22/02/2016	05.19		Continued.	HT	Control Line Loading.
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.
220/33kV 100 MVA ICT-II @ Boisar	IntraState	20/02/2016	14.51		Continued.	T	Differential Protn.Optd./Internal Fault.Declared Faulty.

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