

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Feb/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.723	2789.837	1) Gujrat	3.112	21.579
2) Hydro	15.180	283.765	2) Madhya Pradesh	14.562	250.438
3) Gas	10.551	189.340	3) Chattisgarh	7.700	156.992
Total MSPGCL	173.454	3262.942	4) Maharashtra Net	132.793	2757.924
B) 1) APML	56.351	938.246	5) Goa (Amona)	-0.676	-12.204
2) JSWEL	9.909	187.200	Total	157.491	3174.729
3) VIPL	6.172	128.954	a) Mumbai Schedule	19.850	338.217
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.822	409.809
5) WPCL	4.480	79.909	c) MSEDCL Bilateral *	45.035	890.257
6) PGPL	0.000	7.780	Include PX	1.765	114.723
7) Other IPP	6.602	135.524	d) Mumbai Bilateral *	19.850	338.217
C) 1) TPCL Thermal	14.639	260.797	Include PX	9.208	125.559
2) TPCL Hydro	4.268	73.577	Include Standby	0.000	0.000
3) TPCL Gas	3.787	75.909	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.483	212.131	1) MSEDCL	399.264	7675.342
D) STATE			2) Mumbai Discoms	57.999	1032.215
1) Thermal	256.359	4732.598	TOTAL STATE	457.263	8707.557
(A1+C1+C4+(B1-B6))					
2) Hydro	19.448	357.342			
(A2+C2)					
3) Gas	14.338	273.029			
(A3+B6+C3)					
4) Wind	8.233	144.284			
6) SOLAR	1.394	25.583			
TOTAL STATE	299.772	5532.836			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6603	6478	6040	5854
MSPGCL Hydro	1614	1345	311	120
MSPGCL Gas	424	423	441	457
MSPGCL Total Generation	8641	8246	6792	6431
Central Sector Receipt	7346	7396	6705	5480
WIND	213	235	653	105
CPP / IPP Thermal	3582	3561	3533	3350
CPP / IPP Gas	0	0	0	0
SOLAR	185	198	0	0
Exchange with Mumbai	-1137	-1158	-1313	-734
MSEDCL DEMAND MET	18830	18478	16370	14632
Load Shedding	0	0	0	0
MSEDCL DEMAND	18830	18478	16370	14632
TPCL GENERATION	1358	1326	957	633
R-INFRA GENERATION	493	500	387	386
MUMBAI DEMAND	2988	2984	2657	1753
STATE DEMAND MET	21818	21462	19027	16385
STATE DEMAND	21818	21462	19027	16385
Frequency (Hz)	49.90	49.96	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.74 Hz at 06.23 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 20/Feb/2017

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	45.58	0	0
Unit 8	12.68	265.62	660	480
Unit 9	8.59	130.40	382	333
Unit 10	0.00	66.63	0	0
Total	21.27	508.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	21.77	170	160
Unit 4	10.40	216.56	505	370
Unit 5	10.39	177.35	510	360
Total	24.75	415.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	102.67	250	190
Unit 7	4.47	108.30	252	0
Unit 8	0.00	0.00	0	0
Total	9.93	210.96		
Chandrapur				
Unit 3	4.31	90.75	193	164
Unit 4	4.37	91.07	194	165
Unit 5	9.54	204.30	450	360
Unit 6	9.91	100.42	450	348
Unit 7	0.00	0.00	0	0
Unit 8	11.31	185.27	500	385
Unit 9	11.18	212.88	500	387
Total	50.62	884.69		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.53	109.92	255	193
Total	5.53	109.92		
Khaparkheda				
Unit 1	4.13	82.56	190	160
Unit 2	4.30	83.82	200	160
Unit 3	4.17	73.11	201	160
Unit 4	4.09	73.64	190	159
Unit 5	10.54	175.33	500	380
Total	27.23	488.46		
Nasik				
Unit 3	4.17	85.58	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.23	86.32	201	165
Total	8.40	171.90		
Uran				
All Units	10.55	189.34	464	404
Total	10.55	189.34		
PGPL				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
Total	0.00	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.05	6.68	18	0
Total	0.05	6.68		
Koyna				
Stage 1-2	3.04	69.90	415	40
Stage 4	5.21	73.41	733	0
Stage 3	1.62	30.92	160	0
Total	9.88	174.24		
Hydro				
KDPH	0.68	15.05	37	18
VTRNA	0.48	14.54	59	0
TILLARI	0.38	9.30	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.16	40	0
RNGR+BHTSA	0.35	6.22	15	14
BHANDARDRA	0.53	7.32	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	14.77	36	24
GHATGHAR	2.10	38.16	250	0
Total	5.30	109.53		
Wind				
Total	8.23	144.28	0	0
Total	8.23	144.28		
CPP				
APML(Mus)	56.35	938.25	0	0
JSWEL(Mus)	9.91	187.20	0	0
VIPL(Mus)	6.17	128.95	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.48	79.91	0	0
Other(Mus)	6.60	135.52	0	0
Total	83.51	1469.83		
SOLAR				
Total	1.39	25.58	0	0
Total	1.39	25.58		
Tata				
Trombay 5	9.32	157.12	491	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	46.86	115	65
Trombay 7B	1.47	29.05	68	51
Trombay 8	5.32	103.68	250	200
TATA Hydro	4.27	73.58	459	6
Total	22.69	410.28		
R-INFRA				
1-2	10.48	212.13	509	385
Total	10.48	212.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.72	2789.84	MSPGCL Total	173.45	3262.94
			MSPGCL Thml+Gas	158.27	2979.18	Koyna 1,2 & 4 Total	8.25	143.31
			MSPGCL Hydro	15.18	283.76	State Total	299.77	5532.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Feb/2017

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			THM	GAS										
1	5923	285	455	6663	76	3334	0	0	5709	6009	-992	15090	0	15090	2011	17101	49.97
2	5889	150	456	6495	77	3343	0	0	5657	5744	-848	14811	0	14811	1869	16680	49.98
3	5854	120	457	6431	105	3350	0	0	5587	5480	-734	14632	0	14632	1753	16385	50.00
4	5853	130	455	6438	76	3360	0	0	5573	5513	-682	14705	0	14705	1703	16408	49.99
5	5839	119	457	6415	76	3380	0	0	5656	5842	-675	15038	0	15038	1696	16734	49.99
6	6205	204	456	6865	127	3428	0	0	5961	6296	-769	15947	0	15947	1790	17737	49.94
7	6603	601	457	7661	148	3500	0	0	6434	6144	-763	16690	0	16690	1948	18638	49.91
8	6596	1053	464	8113	138	3519	0	14	6889	6875	-578	18081	0	18081	2102	20183	49.95
9	6594	1055	461	8110	203	3533	0	76	6994	7136	-768	18290	0	18290	2393	20683	49.98
10	6606	939	446	7991	128	3552	0	123	6968	6562	-849	17507	0	17507	2663	20170	49.93
11	6552	1002	421	7975	149	3589	0	167	6888	7218	-1084	18014	0	18014	2958	20972	49.92
12	6603	1614	424	8641	213	3582	0	185	7287	7346	-1137	18830	0	18830	2988	21818	49.90
13	6478	1345	423	8246	235	3561	0	198	7502	7396	-1158	18478	0	18478	2984	21462	49.96
14	6438	1228	414	8080	331	3576	0	194	7101	7165	-1198	18148	0	18148	2879	21027	49.99
15	6295	1285	414	7994	501	3595	0	176	7135	7168	-1208	18226	0	18226	2905	21131	49.91
16	6387	1292	404	8083	534	3581	0	137	7225	7043	-1186	18192	0	18192	2890	21082	49.92
17	6365	738	420	7523	640	3585	0	89	7364	7087	-1204	17720	0	17720	2861	20581	49.90
18	6074	260	423	6757	678	3574	0	35	7036	7020	-1297	16767	0	16767	2731	19498	49.97
19	6040	311	441	6792	653	3533	0	0	6986	6705	-1313	16370	0	16370	2657	19027	49.96
20	5983	316	427	6726	530	3478	0	0	7071	6841	-1312	16263	0	16263	2686	18949	50.01
21	5762	264	434	6460	575	3470	0	0	7002	6489	-1334	15660	0	15660	2577	18237	50.00
22	5525	205	446	6176	662	3324	0	0	6536	6422	-1308	15276	0	15276	2423	17699	49.99
23	5585	369	444	6398	711	3308	0	0	5801	5940	-1240	15117	0	15117	2301	17418	49.94
24	5674	295	452	6421	667	3461	0	0	5824	6050	-1185	15414	0	15414	2231	17645	49.94
MUs	147.72	15.18	10.55	173.45	8.23	83.51	0.00	1.39	158.19	157.49	-24.82	399.26	0.00	399.26	58.00	457.26	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 20/Feb/2017

Position as on 6.30 Hrs of 21/Feb/2017

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 synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyana Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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 PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Feb/2017

Position as on 6.30 Hrs of 21/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyana Unit 9	80	14/02/2017	11.00		Continued.	Emergency Outage for Maintenance.	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	16/02/2017	07.38		Continued.	Main Steam Line Drain Leakage.	
MSPGCL	Parli Unit 7	250	20/02/2017	13.34	20/02/2017	16.17	Furnace Pressure High	
MSPGCL	Bhusawal Unit 3	210	21/02/2017	03.55		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 21/Feb/2017

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 - Tirora - I	IntraState	20/02/2017	08.28	20/02/2017	16.48	PO	Taking R-Phase Reactor In Service.
765 KV ICT Outages/Trippings							
765/400kv 1500MVA ICT-I@Koradi-III	IntraState	17/02/2017	08.39		Continued.	PO	Routine Maintenance Work
765/400kv 1500MVA ICT-I@Koradi-III	IntraState	20/02/2017	08.28	20/02/2017	16.45	PO	Take R-phase L/R In Service.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	19/02/2017	17.48	20/02/2017	05.42	HT	Over Voltage
Dabhol Nagothane I	InterState	20/02/2017	12.39	20/02/2017	18.46	PO	Line Signature Work.
Dhule Sar'Sarovar II	InterState	20/02/2017	18.38	21/02/2017	06.09	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/02/2017	11.05		Continued.	PO	Taken on TBC
karad -kolhapur-I	IntraState	19/02/2017	17.29	20/02/2017	07.37	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/02/2017	17.30	20/02/2017	06.07	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/02/2017	17.57	20/02/2017	06.07	HT	Over Voltage
Parly(MS)- Nanded	IntraState	20/02/2017	11.40	20/02/2017	13.51	PO	Attending Hot Spot On Wave Trap.
Ektuni - Taptitanda Ckt I	IntraState	20/02/2017	16.28		Continued.	EO	Isolator Alignment Work.
karad -kolhapur-II	IntraState	20/02/2017	17.13		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/02/2017	17.15		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/02/2017	20.03	21/02/2017	06.53	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	20/02/2017	05.50	20/02/2017	10.40	T	Buccholz tripped.
220 KV LINE Outages/Trippings							
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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
New Koyna - Niwali	IntraState	17/02/2017	10.58		Continued.	PO	Taken on TBC
Talandge(400kv)- Ichalkaranji 2	IntraState	19/02/2017	22.45	20/02/2017	01.28	EO	Attending Hot Spot
Kalwa Salsette III	IntraState	20/02/2017	06.33	20/02/2017	08.37	PO	Line Maintenance work
Washala - Ghatghar	IntraState	20/02/2017	12.20	20/02/2017	15.45	PO	Attending Oil Leakage
Hamidwada-Mumewadi	IntraState	20/02/2017	14.56	20/02/2017	17.20	PO	Testing 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)

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