

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.050	2934.887	1) Gujrat	3.181	24.760
2) Hydro	8.383	292.148	2) Madhya Pradesh	15.349	265.787
3) Gas	10.752	200.092	3) Chattisgarh	8.000	164.992
Total MSPGCL	164.185	3427.127	4) Maharashtra Net	128.059	2885.983
B) 1) APLM	56.486	994.732	5) Goa (Amona)	-0.672	-12.876
2) JSWEL	9.866	197.066	Total	153.917	3328.646
3) VIPL	6.188	135.142	a) Mumbai Schedule	16.025	354.242
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.614	430.423
5) WPCL	4.143	84.052	c) MSEDCL Bilateral *	47.038	937.295
6) PGPL	0.000	7.780	Include PX	3.505	118.228
7) Other IPP	6.259	141.783	d) Mumbai Bilateral *	16.025	354.242
C) 1) TPCL Thermal	14.568	275.365	Include PX	5.798	131.357
2) TPCL Hydro	4.176	77.753	Include Standby	0.000	0.000
3) TPCL Gas	4.349	80.258	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.374	222.505	1) MSEDCL	396.825	8072.167
D) STATE			2) Mumbai Discoms	54.081	1086.296
1) Thermal	252.934	4985.532	TOTAL STATE	450.906	9158.463
(A1+C1+C4+(B1-B6))					
2) Hydro	12.559	369.901			
(A2+C2)					
3) Gas	15.101	288.130			
(A3+B6+C3)					
4) Wind	14.952	159.236			
6) SOLAR	1.443	27.026			
TOTAL STATE	296.989	5829.825			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6573	6584	5545	5653
MSPGCL Hydro	579	497	478	137
MSPGCL Gas	435	438	447	458
MSPGCL Total Generation	7587	7519	6470	6248
Central Sector Receipt	7308	7190	6749	5531
WIND	550	467	746	699
CPP / IPP Thermal	3618	3608	3221	3301
CPP / IPP Gas	0	0	0	0
SOLAR	207	196	0	0
Exchange with Mumbai	-828	-798	-1030	-656
MSEDCL DEMAND MET	18442	18182	16156	15123
Load Shedding	0	0	0	0
MSEDCL DEMAND	18442	18182	16156	15123
TPCL GENERATION	1377	1373	1068	699
R-INFRA GENERATION	501	506	386	387
MUMBAI DEMAND	2706	2677	2484	1742
STATE DEMAND MET	21148	20859	18640	16865
STATE DEMAND	21148	20859	18640	16865
Frequency (Hz)	49.94	49.93	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.01 Hrs	49.75 Hz at 21.04 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 21/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	14.71	280.33	660	492
Unit 9	8.99	139.39	404	320
Unit 10	0.00	66.63	0	0
Total	23.70	531.92		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.58	22.35	165	0
Unit 4	10.30	226.87	505	365
Unit 5	10.33	187.68	505	360
Total	21.22	436.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.27	107.94	250	191
Unit 7	5.30	113.59	252	191
Unit 8	0.00	0.00	0	0
Total	10.57	221.53		
Chandrapur				
Unit 3	4.38	95.13	198	163
Unit 4	4.34	95.41	192	166
Unit 5	9.81	214.11	455	355
Unit 6	9.93	110.35	460	365
Unit 7	0.00	0.00	0	0
Unit 8	9.99	195.27	489	370
Unit 9	10.05	222.93	472	343
Total	48.50	933.19		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	115.28	251	191
Total	5.36	115.28		
Khaparkheda				
Unit 1	4.12	86.68	190	150
Unit 2	4.26	88.08	200	160
Unit 3	4.24	77.35	204	160
Unit 4	4.10	77.74	190	161
Unit 5	10.57	185.90	510	380
Total	27.29	515.74		
Nasik				
Unit 3	4.20	89.78	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.22	90.53	202	164
Total	8.41	180.31		
Uran				
All Units	10.75	200.09	470	423
Total	10.75	200.09		
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)	0.09	6.77	27	0
Total	0.09	6.77		
Koyna				
Stage 1-2	1.78	71.68	275	40
Stage 4	0.41	73.82	145	0
Stage 3	0.52	31.44	80	0
Total	2.71	176.95		
Hydro				
KDPH	0.89	15.94	37	37
VTRNA	0.43	14.98	60	0
TILLARI	0.43	9.73	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	4.34	40	0
RNGR+BHTSA	0.35	6.57	15	14
BHANDARDRA	0.53	7.85	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	15.38	35	22
GHATGHAR	2.25	40.40	250	0
Total	5.67	115.20		
Wind				
Total	14.95	159.24	0	0
Total	14.95	159.24		
CPP				
APML(Mus)	56.49	994.73	0	0
JSWEL(Mus)	9.87	197.07	0	0
VIPL(Mus)	6.19	135.14	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.14	84.05	0	0
Other(Mus)	6.26	141.78	0	0
Total	82.94	1552.78		
SOLAR				
Total	1.44	27.03	0	0
Total	1.44	27.03		
Tata				
Trombay 5	9.30	166.41	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	49.61	115	108
Trombay 7B	1.60	30.64	67	63
Trombay 8	5.27	108.95	250	200
TATA Hydro	4.18	77.75	459	10
Total	23.09	433.38		
R-INFRA				
1-2	10.37	222.50	510	386
Total	10.37	222.50		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	145.05	2934.89
MSPGCL Thml+Gas	155.80	3134.98
MSPGCL Hydro	8.38	292.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	164.18	3427.13
Koyna 1,2 & 4 Total	2.19	145.50
State Total	296.99	5829.82

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Feb/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5682	186	455	6323	720	3541	0	0	5819	5820	-995	15409	0	15409	2079	17488	49.92
2	5675	136	459	6270	750	3533	0	0	5710	5664	-805	15412	0	15412	1891	17303	49.98
3	5718	146	460	6324	756	3460	0	0	5640	5370	-709	15201	0	15201	1794	16995	50.00
4	5653	137	458	6248	699	3301	0	0	5599	5531	-656	15123	0	15123	1742	16865	49.99
5	5678	149	459	6286	709	3376	0	0	5645	5566	-644	15293	0	15293	1728	17021	49.98
6	6092	217	467	6776	750	3577	0	0	5906	5912	-717	16298	0	16298	1803	18101	49.98
7	6519	352	457	7328	719	3625	0	0	6275	6235	-627	17280	0	17280	1892	19172	49.97
8	6593	431	470	7494	711	3625	0	12	6837	6857	-531	18168	0	18168	2062	20230	49.98
9	6636	347	464	7447	523	3618	0	72	7007	7186	-649	18197	0	18197	2248	20445	49.98
10	6628	414	465	7507	654	3616	0	122	6707	6546	-891	17554	0	17554	2556	20110	49.97
11	6523	509	426	7458	549	3619	0	174	6702	6876	-879	17797	0	17797	2678	20475	49.96
12	6573	579	435	7587	550	3618	0	207	7285	7308	-828	18442	0	18442	2706	21148	49.94
13	6584	497	438	7519	467	3608	0	196	7259	7190	-798	18182	0	18182	2677	20859	49.93
14	6522	473	425	7420	493	3583	0	195	6692	6851	-831	17711	0	17711	2511	20222	49.97
15	6464	466	423	7353	490	3579	0	194	6616	6697	-808	17505	0	17505	2517	20022	49.93
16	6489	406	435	7330	471	3574	0	133	6995	6964	-854	17618	0	17618	2474	20092	49.94
17	6193	391	429	7013	501	3586	0	101	6730	6784	-843	17142	0	17142	2451	19593	49.90
18	5651	591	450	6692	645	3458	0	37	6408	6609	-1001	16440	0	16440	2406	18846	49.99
19	5524	483	440	6447	696	3249	0	0	6502	6346	-971	15767	0	15767	2420	18187	49.96
20	5545	478	447	6470	746	3221	0	0	6602	6749	-1030	16156	0	16156	2484	18640	49.97
21	5458	295	439	6192	653	3231	0	0	6742	6615	-1271	15420	0	15420	2403	17823	49.97
22	5367	396	449	6212	651	3230	0	0	6042	5983	-1215	14861	0	14861	2321	17182	49.95
23	5516	164	450	6130	578	3155	0	0	6151	6106	-1089	14880	0	14880	2177	17057	49.97
24	5767	140	452	6359	471	2960	0	0	6139	6152	-972	14970	0	14970	2061	17031	49.96
MUs	145.05	8.38	10.75	164.18	14.95	82.94	0.00	1.44	154.01	153.92	-20.61	396.83	0.00	396.83	54.08	450.91	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 21/Feb/2017

Position as on 6.30 Hrs of 22/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	Koyna Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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 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	
RGPPL	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 21/Feb/2017

Position as on 6.30 Hrs of 22/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	Koyna 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	Bhusawal Unit 3	210	21/02/2017	03.55		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	21/02/2017	23.05		Continued.	pa duct bellow leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 22/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage	
765 KV ICT Outages/Trippings								
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	17/02/2017	08.39			Continued.	PO	Routine Maintenance Work
500 KV LINE Outages/Trippings								
HVDC Pole-I	IntraState	21/02/2017	21.20	21/02/2017	22.19		PO	control system problem.
400 KV LINE Outages/Trippings								
Dhule Sar'Sarovar II	InterState	20/02/2017	18.38	21/02/2017	06.09		HT	Over Voltage
Dhule Sar'Sarovar II	InterState	21/02/2017	22.02	22/02/2017	06.32		HT	Over Voltage
Ektuni - Taptitanda Ckt I	IntraState	20/02/2017	16.28	21/02/2017	20.50		EO	Isolator Alignment Work.
karad -kolhapur-II	IntraState	20/02/2017	17.13	21/02/2017	09.43		HT	Over Voltage
Karad-Jaigad - I	IntraState	20/02/2017	17.15	21/02/2017	09.44		HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/02/2017	20.03	21/02/2017	06.53		HT	Over Voltage
karad -kolhapur-I	IntraState	21/02/2017	16.36			Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/02/2017	16.38			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/02/2017	19.16	22/02/2017	06.11		HT	Over Voltage
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
220kv Halkarni- Tillary	IntraState	21/02/2017	08.00	21/02/2017	08.09		T	tripped only from amona end only
Halkarni-Mahalaxmiline	IntraState	21/02/2017	08.00	21/02/2017	08.11		T	tripped only from amona end only
Mahad - Pedambe	IntraState	22/02/2017	04.54			Continued.	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	22/02/2017	05.48			Continued.	T	Distance Protection
New Koyna - Loteparshuram	IntraState	22/02/2017	05.48			Continued.	T	Backup Protection
Adlabs - Pedambe	IntraState	22/02/2017	06.09			Continued.	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)

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