

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.491	3216.690	1) Gujrat	2.854	30.461
2) Hydro	19.590	333.836	2) Madhya Pradesh	14.337	296.419
3) Gas	10.440	220.127	3) Chattisgarh	8.190	181.252
Total MSPGCL	169.521	3770.653	4) Maharashtra Net	132.082	3153.448
B) 1) APML	56.747	1100.805	5) Goa (Amona)	-0.888	-14.416
2) JSWEL	10.194	216.670	Total	156.575	3647.164
3) VIPL	7.161	149.366	a) Mumbai Schedule	20.101	394.196
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.313	469.385
5) WPCL	3.639	91.378	c) MSEDCL Bilateral *	53.034	1036.294
6) PGPL	0.000	7.780	Include PX	9.093	131.733
7) Other IPP	6.758	155.080	d) Mumbai Bilateral *	20.101	394.196
C) 1) TPCL Thermal	16.057	307.340	Include PX	8.790	149.787
2) TPCL Hydro	4.396	86.828	Include Standby	0.000	0.000
3) TPCL Gas	4.475	89.128	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.399	245.283	1) MSEDCL	400.381	8873.403
D) STATE			2) Mumbai Discoms	55.640	1197.955
1) Thermal	251.446	5482.612	TOTAL STATE	456.021	10071.358
(A1+C1+C4+(B1-B6))					
2) Hydro	23.986	420.664			
(A2+C2)					
3) Gas	14.915	317.035			
(A3+B6+C3)					
4) Wind	7.657	173.986			
6) SOLAR	1.442	29.906			
TOTAL STATE	299.446	6424.203			

* 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	5750	5780	5939	5713
MSPGCL Hydro	1646	1631	546	90
MSPGCL Gas	418	408	435	451
MSPGCL Total Generation	7814	7819	6920	6254
Central Sector Receipt	7814	7605	6377	5185
WIND	160	82	326	567
CPP / IPP Thermal	3502	3486	3555	3586
CPP / IPP Gas	0	0	0	0
SOLAR	177	197	0	0
Exchange with Mumbai	-1011	-1021	-870	-482
MSEDCL DEMAND MET	18456	18168	16308	15110
Load Shedding	21	21	0	0
MSEDCL DEMAND	18477	18189	16308	15110
TPCL GENERATION	1361	1327	1299	702
R-INFRA GENERATION	499	506	511	386
MUMBAI DEMAND	2871	2854	2680	1570
STATE DEMAND MET	21327	21022	18988	16680
STATE DEMAND	21348	21043	18988	16680
Frequency (Hz)	49.94	50.00	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.01 Hrs	49.75 Hz at 11.09 Hrs	49.97	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 23/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	13.72	307.94	601	542
Unit 9	9.26	158.04	405	365
Unit 10	0.00	66.63	0	0
Total	22.97	578.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.92	27.40	172	160
Unit 4	11.28	249.74	505	380
Unit 5	11.57	210.88	510	380
Total	26.77	488.03		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	112.96	0	0
Unit 7	5.16	124.19	252	184
Unit 8	0.00	0.00	0	0
Total	5.16	237.16		
Chandrapur				
Unit 3	4.65	104.40	198	188
Unit 4	4.62	104.62	197	184
Unit 5	10.50	234.89	450	400
Unit 6	0.00	113.79	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.82	215.33	482	404
Unit 9	9.84	241.86	450	348
Total	40.43	1014.88		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	6.09	127.38	260	250
Total	6.09	127.38		
Khaparkheda				
Unit 1	3.98	94.94	190	110
Unit 2	4.54	97.18	200	160
Unit 3	4.50	86.52	200	160
Unit 4	4.50	86.69	193	160
Unit 5	11.86	207.87	500	480
Total	29.38	573.20		
Nasik				
Unit 3	4.41	98.62	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.29	99.24	198	165
Total	8.70	197.86		
Uran				
All Units	10.44	220.13	462	408
Total	10.44	220.13		
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)	0.02	6.78	12	0
Total	0.02	6.78		
Koyna				
Stage 1-2	3.52	79.96	470	40
Stage 4	7.95	90.84	817	0
Stage 3	2.81	37.38	240	0
Total	14.28	208.18		
Hydro				
KDPH	0.48	16.82	37	0
VTRNA	0.48	15.89	60	0
TILLARI	0.49	10.64	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.87	77	0
RNGR+BHTSA	0.36	7.26	15	15
BHANDARDRA	0.54	8.93	42	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	16.20	17	16
GHATGHAR	2.30	45.04	250	0
Total	5.31	125.65		
Wind				
Total	7.66	173.99	0	0
Total	7.66	173.99		
CPP				
APML(Mus)	56.75	1100.80	0	0
JSWEL(Mus)	10.19	216.67	0	0
VIPL(Mus)	7.16	149.37	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.64	91.38	0	0
Other(Mus)	6.76	155.08	0	0
Total	84.50	1713.30		
SOLAR				
Total	1.44	29.91	0	0
Total	1.44	29.91		
Tata				
Trombay 5	10.51	187.25	491	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	55.25	122	115
Trombay 7B	1.62	33.88	70	66
Trombay 8	5.55	120.09	250	200
TATA Hydro	4.40	86.83	446	36
Total	24.93	483.30		
R-INFRA				
1-2	11.40	245.28	512	386
Total	11.40	245.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.49	3216.69	MSPGCL Total	169.52	3770.65
			MSPGCL Thml+Gas	149.93	3436.82	Koyna 1,2 & 4 Total	11.46	170.81
			MSPGCL Hydro	19.59	333.84	State Total	299.45	6424.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5718	224	450	6392	654	3593	0	0	5748	5298	-582	15355	0	15355	1869	17224	49.93
2	5731	127	451	6309	676	3575	0	0	5648	5093	-440	15213	0	15213	1722	16935	49.97
3	5751	85	450	6286	642	3586	0	0	5584	5223	-449	15288	0	15288	1622	16910	49.98
4	5713	90	451	6254	567	3586	0	0	5562	5185	-482	15110	0	15110	1570	16680	49.98
5	5827	84	453	6364	605	3566	0	0	5567	5804	-474	15865	0	15865	1580	17445	49.99
6	5858	313	451	6622	611	3581	0	0	5616	5486	-317	15983	4	15987	1698	17685	49.95
7	5774	1379	462	7615	548	3533	0	0	6215	6006	-389	17313	82	17395	1862	19257	49.97
8	5752	1697	452	7901	425	3516	0	18	6885	6495	-433	17922	196	18118	2058	20176	49.98
9	5782	1552	437	7771	248	3494	0	76	7458	7360	-583	18366	116	18482	2219	20701	49.99
10	5821	1444	437	7702	211	3520	0	131	7459	6885	-875	17574	80	17654	2602	20256	49.98
11	5756	1486	430	7672	197	3478	0	181	7606	7367	-1102	17793	10	17803	2837	20640	49.98
12	5750	1646	418	7814	160	3502	0	177	7929	7814	-1011	18456	21	18477	2871	21348	49.94
13	5780	1631	408	7819	82	3486	0	197	7861	7605	-1021	18168	21	18189	2854	21043	50.00
14	5940	1121	418	7479	43	3450	0	199	7818	7879	-990	18060	24	18084	2720	20804	50.03
15	5930	1167	417	7514	77	3438	0	181	7833	7833	-1006	18037	24	18061	2759	20820	49.94
16	5966	1337	410	7713	65	3575	0	148	7728	7596	-975	18122	28	18150	2797	20947	49.88
17	5975	936	419	7330	88	3559	0	94	7363	7440	-973	17538	19	17557	2789	20346	49.91
18	5973	1130	425	7528	114	3543	0	40	6472	6463	-970	16718	11	16729	2724	19453	50.02
19	5917	461	423	6801	266	3444	0	0	6489	6428	-921	16018	7	16025	2663	18688	49.98
20	5939	546	435	6920	326	3555	0	0	6384	6377	-870	16308	0	16308	2680	18988	49.98
21	5875	415	430	6720	298	3456	0	0	6686	6423	-1097	15800	0	15800	2496	18296	49.97
22	5579	320	427	6326	209	3464	0	0	6397	6254	-1210	15043	0	15043	2320	17363	49.96
23	5551	266	442	6259	235	3515	0	0	6179	6145	-1134	15020	0	15020	2225	17245	49.94
24	5833	133	444	6410	310	3481	0	0	6038	6116	-1009	15308	0	15308	2103	17411	49.96
MUs	139.49	19.59	10.44	169.52	7.66	84.50	0.00	1.44	160.53	156.57	-19.31	400.38	0.64	401.02	55.64	456.66	49.97

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 23/Feb/2017

Position as on 6.30 Hrs of 24/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 23/Feb/2017

Position as on 6.30 Hrs of 24/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-4	660	21/02/2017	23.05		Continued.	pa duct bellow leakage	
MSPGCL	Chandrapur Unit 6	500	22/02/2017	08.22		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	22/02/2017	22.10		Continued.	Air heater problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2017

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	22/02/2017	20.16	23/02/2017	06.59	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/02/2017	17.51	24/02/2017	06.34	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/02/2017	17.30	23/02/2017	06.45	HT	Over Voltage
karad -kolhapur-II	IntraState	22/02/2017	17.34	23/02/2017	06.38	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	22/02/2017	17.58	23/02/2017	16.08	T	Distance Protection
Bhusawal-Aurangabad	IntraState	22/02/2017	20.16	23/02/2017	06.27	HT	Over Voltage
Khadka - Bableshwar	IntraState	23/02/2017	10.45	23/02/2017	21.44	T	Distance Protection
karad -kolhapur-I	IntraState	23/02/2017	16.42		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2017	17.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2017	18.05	24/02/2017	06.47	PO	Over Voltage
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	23/02/2017	15.51	23/02/2017	18.39	PO	Attending Hot Spot
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
Mahad - Pedambe	IntraState	22/02/2017	04.54		Continued.	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Chakan-Bhosari	IntraState	23/02/2017	12.09	23/02/2017	12.28	PO	Half yearly maintenance work
Pedhambe - Oni	IntraState	23/02/2017	13.59	24/02/2017	00.25	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	23/02/2017	14.52	23/02/2017	18.52	PO	Routine Maintenance Work
Hingoli- Girawali	IntraState	23/02/2017	17.20	23/02/2017	21.17	PO	Replacement of LA and Hot Spot Attending 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)
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	23/02/2017	06.06	23/02/2017	10.25	PO	Attending Oil Leakage
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	23/02/2017	09.01	23/02/2017	17.49	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Himayatnagar - Tamsa	IntraState	23/02/2017	02.27	23/02/2017	02.57	T	Distance Protection

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