

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.656	3361.346	1) Gujrat	2.613	33.074
2) Hydro	11.796	345.632	2) Madhya Pradesh	12.953	309.372
3) Gas	10.264	230.391	3) Chattisgarh	7.760	189.012
Total MSPGCL	166.716	3937.369	4) Maharashtra Net	131.539	3284.987
B) 1) APML	58.678	1159.483	5) Goa (Amona)	-0.730	-15.146
2) JSWEL	9.320	225.990	Total	154.135	3801.299
3) VIPL	7.003	156.369	a) Mumbai Schedule	18.171	412.367
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.245	488.630
5) WPCL	3.436	94.814	c) MSEDCL Bilateral *	52.556	1088.850
6) PGPL	0.000	7.780	Include PX	9.265	140.997
7) Other IPP	6.888	161.968	d) Mumbai Bilateral *	18.171	412.367
C) 1) TPCL Thermal	15.666	323.006	Include PX	8.021	157.808
2) TPCL Hydro	3.087	89.915	Include Standby	0.000	0.000
3) TPCL Gas	4.489	93.617	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.103	256.386	1) MSEDCL	394.806	9268.209
D) STATE			2) Mumbai Discoms	53.590	1251.545
1) Thermal	256.750	5739.362	TOTAL STATE	448.396	10519.754
(A1+C1+C4+(B1-B6))					
2) Hydro	14.883	435.547			
(A2+C2)					
3) Gas	14.753	331.788			
(A3+B6+C3)					
4) Wind	6.437	180.423			
6) SOLAR	1.438	31.344			
TOTAL STATE	294.261	6718.464			

* 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 3 Hrs
MSPGCL Thermal	6076	6082	6464	5742
MSPGCL Hydro	996	924	325	111
MSPGCL Gas	409	417	423	435
MSPGCL Total Generation	7481	7423	7212	6288
Central Sector Receipt	7611	7838	5741	5326
WIND	147	86	130	548
CPP / IPP Thermal	3590	3585	3534	3554
CPP / IPP Gas	0	0	0	0
SOLAR	201	194	0	0
Exchange with Mumbai	-864	-1040	-1106	-542
MSEDCL DEMAND MET	18166	18086	15511	15174
Load Shedding	0	0	0	0
MSEDCL DEMAND	18166	18086	15511	15174
TPCL GENERATION	1360	1151	995	698
R-INFRA GENERATION	509	510	456	388
MUMBAI DEMAND	2733	2701	2557	1628
STATE DEMAND MET	20899	20787	18068	16802
STATE DEMAND	20899	20787	18068	16802
Frequency (Hz)	49.97	49.97	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.01 Hrs	49.79 Hz at 18.40 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 24/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	14.76	322.70	668	528
Unit 9	9.30	167.35	405	365
Unit 10	0.00	66.63	0	0
Total	24.07	602.25		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	31.38	170	160
Unit 4	11.12	260.86	510	360
Unit 5	11.10	221.98	505	360
Total	26.20	514.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.20	113.16	80	0
Unit 7	5.66	129.85	252	187
Unit 8	0.00	0.00	0	0
Total	5.86	243.01		
Chandrapur				
Unit 3	4.49	108.89	195	163
Unit 4	4.56	109.18	196	169
Unit 5	10.44	245.33	455	365
Unit 6	4.23	118.02	445	0
Unit 7	0.00	0.00	0	0
Unit 8	10.64	225.97	470	415
Unit 9	10.47	252.32	476	400
Total	44.82	1059.70		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.97	133.35	258	200
Total	5.97	133.35		
Khaparkheda				
Unit 1	4.22	99.17	190	160
Unit 2	4.26	101.44	195	155
Unit 3	4.56	91.08	200	160
Unit 4	4.40	91.09	191	160
Unit 5	11.34	219.21	500	380
Total	28.78	601.98		
Nasik				
Unit 3	4.34	102.96	200	120
Unit 4	2.00	2.00	193	0
Unit 5	2.61	101.86	200	0
Total	8.96	206.82		
Uran				
All Units	10.26	230.39	449	395
Total	10.26	230.39		
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)	0.18	6.96	28	0
Total	0.18	6.96		
Koyna				
Stage 1-2	2.15	82.12	375	40
Stage 4	3.50	94.34	460	0
Stage 3	1.05	38.43	160	0
Total	6.70	214.88		
Hydro				
KDPH	0.87	17.69	37	36
VTRNA	0.46	16.35	59	0
TILLARI	0.43	11.08	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.07	80	0
RNGR+BHTSA	0.00	7.26	0	0
BHANDARDRA	0.33	9.25	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	16.69	21	20
GHATGHAR	2.32	47.36	250	0
Total	5.10	130.75		
Wind				
Total	6.44	180.42	0	0
Total	6.44	180.42		
CPP				
APML(Mus)	58.68	1159.48	0	0
JSWEL(Mus)	9.32	225.99	0	0
VIPL(Mus)	7.00	156.37	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.44	94.81	0	0
Other(Mus)	6.89	161.97	0	0
Total	85.32	1798.62		
SOLAR				
Total	1.44	31.34	0	0
Total	1.44	31.34		
Tata				
Trombay 5	10.20	197.46	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.86	58.11	126	115
Trombay 7B	1.63	35.51	70	66
Trombay 8	5.46	125.55	247	199
TATA Hydro	3.09	89.92	443	10
Total	23.24	506.54		
R-INFRA				
1-2	11.10	256.39	511	386
Total	11.10	256.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.66	3361.35	MSPGCL Total	166.72	3937.37
			MSPGCL Thml+Gas	154.92	3591.74	Koyna 1,2 & 4 Total	5.65	176.46
			MSPGCL Hydro	11.80	345.63	State Total	294.26	6718.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5894	192	433	6519	518	3495	0	0	5839	5962	-679	15815	0	15815	1852	17667	49.99
2	5902	117	446	6465	525	3494	0	0	5772	5781	-562	15703	0	15703	1716	17419	50.01
3	5742	111	435	6288	548	3554	0	0	5751	5326	-542	15174	0	15174	1628	16802	49.99
4	5352	116	446	5914	600	3543	0	0	5731	5822	-489	15390	0	15390	1575	16965	49.96
5	5503	121	446	6070	544	3582	0	0	5728	5702	-431	15467	0	15467	1574	17041	49.94
6	5885	111	447	6443	480	3577	0	0	5937	5891	-291	16100	0	16100	1671	17771	49.98
7	5950	355	449	6754	430	3576	0	0	6564	6768	-382	17146	0	17146	1801	18947	50.00
8	5946	1227	435	7608	311	3584	0	17	7326	6972	-487	18005	20	18025	1921	19946	49.95
9	6014	1057	434	7505	206	3581	0	74	7681	7327	-587	18106	0	18106	2201	20307	49.91
10	6032	734	439	7205	215	3617	0	128	7448	6962	-650	17477	0	17477	2439	19916	49.93
11	6085	701	422	7208	203	3586	0	160	7602	7068	-922	17304	0	17304	2711	20015	49.99
12	6076	996	409	7481	147	3590	0	201	7728	7611	-864	18166	0	18166	2733	20899	49.97
13	6082	924	417	7423	86	3585	0	194	8083	7838	-1040	18086	0	18086	2701	20787	49.97
14	6310	920	395	7625	96	3563	0	194	7851	7077	-951	17604	0	17604	2563	20167	50.04
15	6404	641	398	7443	66	3554	0	188	7777	7430	-971	17710	0	17710	2595	20305	49.97
16	6399	689	416	7504	77	3572	0	142	7729	7132	-947	17480	0	17480	2602	20082	49.95
17	6231	564	416	7211	84	3567	0	97	7439	6721	-947	16733	0	16733	2602	19335	49.96
18	6272	534	415	7221	86	3558	0	42	6635	6208	-907	16208	0	16208	2550	18758	50.01
19	6493	381	417	7291	103	3563	0	1	6594	5244	-872	15330	0	15330	2516	17846	50.00
20	6464	325	423	7212	130	3534	0	0	6692	5741	-1106	15511	0	15511	2557	18068	50.01
21	6165	313	426	6904	203	3538	0	0	6635	5791	-1330	15106	0	15106	2478	17584	50.00
22	6001	247	427	6675	161	3539	0	0	6157	5839	-1218	14996	0	14996	2306	17302	49.98
23	5726	201	427	6354	246	3473	0	0	5973	5720	-1070	14723	0	14723	2205	16928	49.91
24	5728	219	446	6393	372	3494	0	0	5973	6202	-1000	15461	0	15461	2093	17554	49.94
MUs	144.66	11.80	10.26	166.72	6.44	85.32	0.00	1.44	162.65	154.14	-19.25	394.81	0.02	394.83	53.59	448.42	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 24/Feb/2017

Position as on 6.30 Hrs of 25/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								
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	24/02/2017	10.35	WITHDRAW UNDER ZERO SCHEDULE.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Feb/2017

Position as on 6.30 Hrs of 25/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	24/02/2017	12.40	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	24/02/2017	12.35	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	22/02/2017	22.10	24/02/2017	20.39	Air heater problem	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 25/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 II	InterState	23/02/2017	17.51	24/02/2017	06.34	HT	Over Voltage
Dabhol Nagothane II	InterState	24/02/2017	11.57	24/02/2017	19.13	PO	Attending Hot Spot
Dhule Sar'Sarovar I	InterState	24/02/2017	17.25	25/02/2017	06.47	HT	Over Voltage
karad -kolhapur-I	IntraState	23/02/2017	16.42	24/02/2017	08.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2017	17.28	24/02/2017	08.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/02/2017	18.05	24/02/2017	06.47	PO	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55		Continued.	PO	Conductor Replacement Work.
karad -kolhapur-II	IntraState	24/02/2017	16.13	25/02/2017	06.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/02/2017	16.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2017	18.00	25/02/2017	06.02	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/02/2017	08.47		Continued.	PO	Shifted on TBC.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/02/2017	14.25		Continued.	PO	R Ph Unit Overhauling Work.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	24/02/2017	19.59		Continued.	PO	Isolator Jaw Replacement Work.
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	24/02/2017	09.33	24/02/2017	15.49	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.
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.
Pedhambe - Oni	IntraState	23/02/2017	13.59	24/02/2017	00.25	T	Distance Protection
New Koyana - Loteparshuram	IntraState	24/02/2017	10.34	24/02/2017	15.41	PO	Attending Hot Spot
Kalwa - Borivali	IntraState	24/02/2017	12.06	24/02/2017	12.31	PO	For Safety Purpose.
Kalwa - Mulund 1	IntraState	24/02/2017	12.35	24/02/2017	13.11	PO	For Safety Purpose.
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)
132 KV LINE Outages/Trippings							
Yawal - Chopda	IntraState	24/02/2017	11.02	24/02/2017	16.47	T	Distance Protection
Padegaon - Canpack	IntraState	24/02/2017	15.46	24/02/2017	17.18	T	Distance Protection
Gangapur-Canpack	IntraState	24/02/2017	15.46	24/02/2017	16.11	T	Backup Protection

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