

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Feb/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.381	3651.359	1) Gujrat	2.104	36.700
2) Hydro	10.656	367.077	2) Madhya Pradesh	13.953	336.715
3) Gas	10.356	250.239	3) Chattisgarh	8.490	205.882
Total MSPGCL	163.393	4268.675	4) Maharashtra Net	133.665	3549.554
B) 1) APML	59.103	1276.626	5) Goa (Amona)	-0.640	-16.380
2) JSWEL	9.609	244.817	Total	157.572	4112.471
3) VIPL	7.028	169.771	a) Mumbai Schedule	15.042	444.661
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.147	526.253
5) WPCL	4.134	102.878	c) MSEDCL Bilateral *	47.093	1186.121
6) PGPL	0.000	7.780	Include PX	6.691	154.380
7) Other IPP	6.087	174.933	d) Mumbai Bilateral *	15.042	444.661
C) 1) TPCL Thermal	14.462	352.531	Include PX	4.948	170.301
2) TPCL Hydro	0.143	93.507	Include Standby	0.000	0.000
3) TPCL Gas	4.566	102.660	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.502	277.622	1) MSEDCL	394.745	10059.828
D) STATE			2) Mumbai Discoms	47.820	1352.562
1) Thermal	253.306	6250.537	TOTAL STATE	442.565	11412.390
(A1+C1+C4+(B1-B6))					
2) Hydro	10.799	460.584			
(A2+C2)					
3) Gas	14.922	360.679			
(A3+B6+C3)					
4) Wind	4.501	193.867			
6) SOLAR	1.465	34.263			
TOTAL STATE	284.993	7299.930			

* 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	6262	6300	5570	5776
MSPGCL Hydro	1017	751	716	122
MSPGCL Gas	419	399	427	443
MSPGCL Total Generation	7698	7450	6713	6341
Central Sector Receipt	7333	7665	6550	5492
WIND	202	131	85	340
CPP / IPP Thermal	3546	3517	3573	3589
CPP / IPP Gas	0	0	0	0
SOLAR	199	208	0	0
Exchange with Mumbai	-738	-734	-1138	-556
MSEDCL DEMAND MET	18240	18237	15783	15206
Load Shedding	0	0	0	0
MSEDCL DEMAND	18240	18237	15783	15206
TPCL GENERATION	916	916	695	699
R-INFRA GENERATION	504	506	386	386
MUMBAI DEMAND	2158	2156	2219	1641
STATE DEMAND MET	20398	20393	18002	16847
STATE DEMAND	20398	20393	18002	16847
Frequency (Hz)	49.96	49.97	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:02 Hrs	49.75 Hz at 00:06 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 26/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	11.53	349.36	660	0
Unit 9	9.46	186.43	403	381
Unit 10	0.00	66.63	0	0
Total	20.99	647.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	39.34	170	165
Unit 4	10.83	282.34	510	370
Unit 5	10.82	243.46	510	360
Total	25.67	565.13		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.89	124.32	250	222
Unit 7	5.49	140.69	252	187
Unit 8	0.00	0.00	0	0
Total	11.38	265.01		
Chandrapur				
Unit 3	4.70	118.13	198	187
Unit 4	4.67	118.32	200	182
Unit 5	10.35	265.22	450	412
Unit 6	0.00	122.66	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.38	248.58	500	400
Unit 9	11.64	274.87	505	440
Total	42.73	1147.77		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	6.07	145.02	261	250
Total	6.07	145.02		
Khaparkheda				
Unit 1	4.08	107.31	185	160
Unit 2	4.06	109.66	180	145
Unit 3	4.33	99.73	200	160
Unit 4	4.13	99.44	185	160
Unit 5	10.32	240.06	460	380
Total	26.91	656.20		
Nasik				
Unit 3	4.29	111.64	200	160
Unit 4	4.33	10.75	203	162
Unit 5	0.00	101.86	0	0
Total	8.62	224.24		
Uran				
All Units	10.36	250.24	462	399
Total	10.36	250.24		
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)	0.11	7.28	37	0
Total	0.11	7.28		
Koyna				
Stage 1-2	3.67	88.06	390	40
Stage 4	0.51	97.26	206	0
Stage 3	1.21	40.51	160	0
Total	5.40	225.84		
Hydro				
KDPH	0.86	19.42	36	36
VTRNA	0.40	17.20	60	0
TILLARI	0.42	11.87	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	5.45	40	0
RNGR+BHTSA	0.34	7.94	15	14
BHANDARDRA	0.52	10.31	43	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	17.48	17	16
GHATGHAR	2.14	51.58	250	0
Total	5.26	141.24		
Wind				
Total	4.50	193.87	0	0
Total	4.50	193.87		
CPP				
APML(Mus)	59.10	1276.63	0	0
JSWEL(Mus)	9.61	244.82	0	0
VIPL(Mus)	7.03	169.77	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.13	102.88	0	0
Other(Mus)	6.09	174.93	0	0
Total	85.96	1969.02		
SOLAR				
Total	1.46	34.26	0	0
Total	1.46	34.26		
Tata				
Trombay 5	9.20	216.36	487	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	63.87	124	118
Trombay 7B	1.65	38.79	70	68
Trombay 8	5.26	136.18	246	198
TATA Hydro	0.14	93.51	64	0
Total	19.17	548.70		
R-INFRA				
1-2	10.50	277.62	511	385
Total	10.50	277.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.38	3651.36	MSPGCL Total	163.39	4268.68
			MSPGCL Thml+Gas	152.74	3901.60	Koyna 1,2 & 4 Total	4.18	185.32
			MSPGCL Hydro	10.66	367.08	State Total	284.99	7299.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5678	372	442	6492	375	3506	0	0	5895	6222	-895	15700	0	15700	2017	17717	49.91
2	5703	127	462	6292	327	3590	0	0	5778	5763	-742	15230	0	15230	1827	17057	49.97
3	5708	122	442	6272	322	3607	0	0	5560	5761	-634	15328	0	15328	1720	17048	49.96
4	5776	122	443	6341	340	3589	0	0	5629	5492	-556	15206	0	15206	1641	16847	49.95
5	5831	132	454	6417	329	3577	0	0	5620	5705	-543	15485	0	15485	1627	17112	49.96
6	6137	323	456	6916	322	3583	0	0	5837	5982	-587	16216	0	16216	1673	17889	49.98
7	6287	342	455	7084	274	3559	0	0	6422	6440	-489	16868	0	16868	1742	18610	49.99
8	6309	529	443	7281	302	3558	0	17	7139	6806	-351	17613	0	17613	1773	19386	49.96
9	6365	628	451	7444	204	3571	0	81	7157	7203	-442	18061	0	18061	1865	19926	49.93
10	6339	925	440	7704	189	3550	0	131	6451	6421	-575	17420	0	17420	2006	19426	49.97
11	6291	935	408	7634	190	3567	0	169	6732	6673	-680	17553	0	17553	2109	19662	49.97
12	6262	1017	419	7698	202	3546	0	199	7384	7333	-738	18240	0	18240	2158	20398	49.96
13	6300	751	399	7450	131	3517	0	208	7736	7665	-734	18237	0	18237	2156	20393	49.97
14	6344	449	408	7201	100	3512	0	186	7606	7463	-689	17773	0	17773	2117	19890	50.00
15	6281	414	407	7102	92	3510	0	177	7456	7420	-685	17616	0	17616	2113	19729	49.98
16	6305	270	407	6982	97	3535	0	152	7533	7598	-660	17704	0	17704	2074	19778	49.97
17	6108	344	416	6868	94	3550	0	101	6836	7171	-737	17047	0	17047	2089	19136	49.95
18	5763	515	412	6690	98	3515	0	41	6418	6837	-855	16326	0	16326	2017	18343	50.01
19	5575	403	422	6400	112	3513	0	3	6497	6385	-938	15475	0	15475	2098	17573	49.96
20	5570	716	427	6713	85	3573	0	0	6615	6550	-1138	15783	0	15783	2219	18002	49.99
21	5443	331	427	6201	51	3699	0	0	6626	6202	-1152	15001	0	15001	2227	17228	50.00
22	5230	266	434	5930	61	3740	0	0	6245	6264	-1148	14847	0	14847	2216	17063	49.96
23	5199	327	447	5973	73	3737	0	0	6039	6139	-1115	14807	0	14807	2192	16999	49.98
24	5577	296	435	6308	131	3761	0	0	6009	6077	-1064	15213	0	15213	2144	17357	49.99
MUs	142.38	10.66	10.36	163.39	4.50	85.96	0.00	1.47	157.22	157.57	-18.15	394.75	0.00	394.75	47.82	442.57	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 26/Feb/2017

Position as on 6.30 Hrs of 27/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	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Feb/2017

Position as on 6.30 Hrs of 27/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-4	660	21/02/2017	23.05	26/02/2017	19.26	pa duct bellow leakage	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 6	500	25/02/2017	11.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	25/02/2017	19.32		Continued.	Tripped sparking in turbine bearing.	
MSPGCL	Koradi Unit-8	660	26/02/2017	18.36	26/02/2017	23.08	FD Fan Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 27/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	26/02/2017	08.25	26/02/2017	18.52	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Dabhol Nagothane II	InterState	25/02/2017	14.44		Continued.	T	Distance Protection
Dhule Sar'Sarovar II	InterState	25/02/2017	21.19	26/02/2017	06.52	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	26/02/2017	18.06	27/02/2017	06.53	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55		Continued.	PO	Conductor Replacement Work.
Padghe - Kalwa-II	IntraState	25/02/2017	08.17	26/02/2017	14.53	PO	Replacement work
karad -kolhapur-I	IntraState	25/02/2017	18.06	26/02/2017	08.50	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/02/2017	18.08	26/02/2017	08.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/02/2017	20.48	26/02/2017	07.18	HT	Over Voltage
karad -kolhapur-II	IntraState	26/02/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2017	18.15	27/02/2017	06.50	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/02/2017	14.25		Continued.	PO	R Ph Unit Overhauling Work.
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	26/02/2017	08.52	26/02/2017	17.17	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
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Arey - TPC Borivali	IntraState	26/02/2017	09.02	26/02/2017	21.39	PO	Annual Maintenance Work
Padghe - Wada	IntraState	26/02/2017	12.38	26/02/2017	18.59	T	Distance Protection
Waluj - Chitegaon li	IntraState	26/02/2017	13.12	26/02/2017	16.28	EO	Wave Trap Jumper 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