

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.659	3788.018	1) Gujrat	1.330	38.030
2) Hydro	13.085	380.162	2) Madhya Pradesh	12.472	349.187
3) Gas	10.467	260.706	3) Chattisgarh	8.150	214.032
Total MSPGCL	160.211	4428.886	4) Maharashtra Net	133.097	3682.651
B) 1) APLM	71.647	1348.273	5) Goa (Amona)	-0.708	-17.088
2) JSWEL	9.345	254.162	Total	154.341	4266.812
3) VIPL	6.840	176.611	a) Mumbai Schedule	20.605	465.266
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.757	549.010
5) WPCL	4.471	107.349	c) MSEDCL Bilateral *	40.277	1226.397
6) PGPL	0.000	7.780	Include PX	10.397	164.777
7) Other IPP	5.790	180.723	d) Mumbai Bilateral *	20.605	465.266
C) 1) TPCL Thermal	14.978	367.509	Include PX	9.583	179.884
2) TPCL Hydro	4.719	98.226	Include Standby	0.000	0.000
3) TPCL Gas	4.570	107.230	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.616	288.238	1) MSEDCL	398.284	10458.112
D) STATE			2) Mumbai Discoms	57.640	1410.202
1) Thermal	260.346	6510.883	TOTAL STATE	455.924	11868.314
(A1+C1+C4+(B1-B6))					
2) Hydro	17.804	478.388			
(A2+C2)					
3) Gas	15.037	375.716			
(A3+B6+C3)					
4) Wind	6.974	200.841			
6) SOLAR	1.422	35.685			
TOTAL STATE	301.583	7601.513			

* 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	5756	5768	6069	5040
MSPGCL Hydro	1211	1304	386	128
MSPGCL Gas	407	412	429	450
MSPGCL Total Generation	7374	7484	6884	5618
Central Sector Receipt	7480	7680	5947	5302
WIND	373	353	225	337
CPP / IPP Thermal	3896	3607	4161	4154
CPP / IPP Gas	0	0	0	0
SOLAR	187	201	0	0
Exchange with Mumbai	-1085	-1076	-1227	-645
MSEDCL DEMAND MET	18225	18249	15990	14766
Load Shedding	0	0	0	0
MSEDCL DEMAND	18225	18249	15990	14766
TPCL GENERATION	1391	1384	1099	693
R-INFRA GENERATION	499	505	386	387
MUMBAI DEMAND	2975	2965	2712	1725
STATE DEMAND MET	21200	21214	18702	16491
STATE DEMAND	21200	21214	18702	16491
Frequency (Hz)	49.89	49.92	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.03 Hrs	49.75 Hz at 22.08 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 27/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	9.42	358.78	635	30
Unit 9	9.62	196.04	403	399
Unit 10	0.00	66.63	0	0
Total	19.04	667.03		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	43.27	170	160
Unit 4	11.01	293.35	510	370
Unit 5	11.05	254.50	510	370
Total	26.00	591.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.70	130.02	250	198
Unit 7	5.39	146.08	252	187
Unit 8	0.00	0.00	0	0
Total	11.09	276.10		
Chandrapur				
Unit 3	4.59	122.72	200	163
Unit 4	4.60	122.92	201	170
Unit 5	10.16	275.38	445	365
Unit 6	4.07	126.73	445	0
Unit 7	0.00	0.00	0	0
Unit 8	4.60	253.17	486	0
Unit 9	10.71	285.59	485	390
Total	38.74	1186.51		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.83	150.86	256	203
Total	5.83	150.86		
Khaparkheda				
Unit 1	4.04	111.36	180	150
Unit 2	4.00	113.66	190	145
Unit 3	4.31	104.04	200	160
Unit 4	4.19	103.64	190	160
Unit 5	10.79	250.85	500	380
Total	27.34	683.54		
Nasik				
Unit 3	4.28	115.92	200	160
Unit 4	4.35	15.09	205	164
Unit 5	0.00	101.86	0	0
Total	8.62	232.86		
Uran				
All Units	10.47	260.71	469	406
Total	10.47	260.71		
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)	0.13	7.42	38	0
Total	0.13	7.42		
Koyna				
Stage 1-2	3.73	91.80	435	40
Stage 4	2.58	99.84	450	0
Stage 3	1.43	41.95	160	0
Total	7.74	233.58		
Hydro				
KDPH	0.87	20.28	37	36
VTRNA	0.46	17.66	59	0
TILLARI	0.43	12.30	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.65	70	0
RNGR+BHTSA	0.34	8.28	15	14
BHANDARDRA	0.53	10.84	23	22
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	17.88	17	16
GHATGHAR	2.11	53.69	250	0
Total	5.34	146.58		
Wind				
Total	6.97	200.84	0	0
Total	6.97	200.84		
CPP				
APML(Mus)	71.65	1348.27	0	0
JSWEL(Mus)	9.34	254.16	0	0
VIPL(Mus)	6.84	176.61	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.47	107.35	0	0
Other(Mus)	5.79	180.72	0	0
Total	98.09	2067.12		
SOLAR				
Total	1.42	35.68	0	0
Total	1.42	35.68		
Tata				
Trombay 5	9.62	225.98	491	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	66.79	123	121
Trombay 7B	1.65	40.44	70	68
Trombay 8	5.35	141.53	250	199
TATA Hydro	4.72	98.23	459	10
Total	24.27	572.96		
R-INFRA				
1-2	10.62	288.24	510	386
Total	10.62	288.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.66	3788.02	MSPGCL Total	160.21	4428.89
			MSPGCL Thml+Gas	147.13	4048.72	Koyna 1,2 & 4 Total	6.31	191.63
			MSPGCL Hydro	13.08	380.16	State Total	301.58	7601.51

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5629	294	439	6362	245	3842	0	0	5809	5783	-886	15346	0	15346	1961	17307	49.99
2	5560	133	451	6144	307	4102	0	0	5705	5350	-746	15157	0	15157	1827	16984	49.98
3	5040	128	450	5618	337	4154	0	0	5630	5302	-645	14766	0	14766	1725	16491	49.97
4	4891	128	452	5471	384	4086	0	0	5567	5498	-591	14848	0	14848	1668	16516	49.96
5	5102	138	448	5688	422	4112	0	0	5644	5826	-570	15478	0	15478	1649	17127	49.99
6	5513	294	441	6248	394	4152	0	0	5688	5665	-585	15874	0	15874	1748	17622	49.97
7	5792	542	456	6790	452	4131	0	0	5960	6158	-494	17037	0	17037	1934	18971	49.96
8	5806	798	457	7061	398	4150	0	20	6995	6843	-490	17982	0	17982	2037	20019	50.01
9	5806	944	458	7208	219	4140	0	72	7264	7094	-730	18003	0	18003	2350	20353	50.00
10	5864	943	469	7276	217	4080	0	131	6859	6714	-853	17565	0	17565	2601	20166	49.97
11	5870	1040	409	7319	296	4050	0	159	6949	6949	-1082	17691	0	17691	2912	20603	49.95
12	5756	1211	407	7374	373	3896	0	187	7453	7480	-1085	18225	0	18225	2975	21200	49.89
13	5768	1304	412	7484	353	3607	0	201	7580	7680	-1076	18249	0	18249	2965	21214	49.92
14	5831	784	406	7021	331	4069	0	204	7491	7489	-1054	18060	0	18060	2864	20924	49.99
15	5903	764	419	7086	312	4139	0	173	7517	7485	-1131	18064	0	18064	2908	20972	49.92
16	6007	785	417	7209	305	4121	0	143	7767	7532	-1171	18139	0	18139	2923	21062	49.98
17	6150	436	423	7009	291	4133	0	94	7220	7206	-1122	17611	0	17611	2895	20506	49.98
18	5943	554	425	6922	272	4144	0	38	6281	6220	-1158	16438	0	16438	2814	19252	50.00
19	5921	355	432	6708	229	4166	0	0	6311	5980	-1163	15920	0	15920	2708	18628	49.96
20	6069	386	429	6884	225	4161	0	0	6279	5947	-1227	15990	0	15990	2712	18702	49.99
21	5554	409	447	6410	163	4147	0	0	6234	5992	-1250	15462	0	15462	2536	17998	50.00
22	5393	360	434	6187	146	4165	0	0	6204	6382	-1302	15578	0	15578	2394	17972	49.95
23	5615	169	440	6224	127	4184	0	0	6092	5861	-1194	15202	0	15202	2295	17497	49.95
24	5876	186	446	6508	176	4163	0	0	5920	5905	-1152	15600	0	15600	2239	17839	49.97
MUs	136.66	13.09	10.47	160.21	6.97	98.09	0.00	1.42	156.42	154.34	-22.76	398.28	0.00	398.28	57.64	455.92	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 27/Feb/2017

Position as on 6.30 Hrs of 28/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	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 27/Feb/2017

Position as on 6.30 Hrs of 28/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	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 6	500	25/02/2017	11.48	27/02/2017	12.02	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	25/02/2017	19.32		Continued.	Tripped sparking in turbine bearing.	
MSPGCL	Chandrapur Unit-8	500	27/02/2017	12.24		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 28/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 ckt-II	IntraState	27/02/2017	10.52	27/02/2017	12.21	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Dabhol Nagothane II	InterState	25/02/2017	14.44	27/02/2017	16.11	T	Distance Protection
Dhule Sar'Sarovar II	InterState	26/02/2017	18.06	27/02/2017	06.53	HT	Over Voltage
Dhule Khandwa I	InterState	27/02/2017	09.13	27/02/2017	16.35	PO	Taken On Tbc For Main Breaker Work.
Dhule Sar'Sarovar II	InterState	27/02/2017	19.34	28/02/2017	06.02	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55		Continued.	PO	Conductor Replacement Work.
karad -kolhapur-II	IntraState	26/02/2017	17.07	27/02/2017	09.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/02/2017	18.15	27/02/2017	06.50	HT	Over Voltage
Padghe - Kalwa - I	IntraState	27/02/2017	07.14		Continued.	PO	Conductor Replacement Work.
Chandrapur2-Parali 2 ckt1	IntraState	27/02/2017	08.29	27/02/2017	08.52	HT	Cheking Outage Feasibility.
New Koyna - Koyna Stage IV-II	IntraState	27/02/2017	10.05	27/02/2017	14.32	T	Taken On TBC For Testing Work.
karad -kolhapur-I	IntraState	27/02/2017	16.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/02/2017	18.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/02/2017	19.58	28/02/2017	05.55	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.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	27/02/2017	07.14		Continued.	PO	Shifted On Tbc For IPS Replacement.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	27/02/2017	07.11	27/02/2017	09.11	T	Distance Protection
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.
Karad(400kv) - Wathar	IntraState	27/02/2017	09.43	27/02/2017	17.25	PO	Bus Section 1 Outage.
Talange(400kv)- Ichalkaranji 1	IntraState	27/02/2017	10.05	27/02/2017	19.25	PO	Annual Maintenance Work
Talange(400kv)- Ichalkaranji 2	IntraState	27/02/2017	10.05	27/02/2017	17.58	PO	Annual Maintenance Work
Kalwa - Mulund 1	IntraState	27/02/2017	10.24	27/02/2017	14.03	PO	Safety Purpose For Work On Kharghar Borivali line.
Nerle - Dasgaon	IntraState	27/02/2017	10.56	27/02/2017	18.32	PO	Testing Work
New Koyna - Loteparshuram	IntraState	27/02/2017	11.53	27/02/2017	19.27	PO	Replacement Of Distance Relay.
Nagothane - Posco	IntraState	27/02/2017	16.18	27/02/2017	17.25	PO	Line Signature Analysis.
Kandalgaon - Bhira	IntraState	27/02/2017	17.45	27/02/2017	19.08	PO	Line Signature Analysis.
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)
200MVA ICT VI @ Nasik GCR	IntraState	27/02/2017	17.12	27/02/2017	20.00	PO	Attending Oil Leakage

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