

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.312	3077.199	1) Gujrat	2.847	27.607
2) Hydro	22.098	314.246	2) Madhya Pradesh	16.295	282.082
3) Gas	9.595	209.687	3) Chattisgarh	8.070	173.062
Total MSPGCL	174.005	3601.132	4) Maharashtra Net	135.383	3021.366
B) 1) APML	49.326	1044.058	5) Goa (Amona)	-0.652	-13.528
2) JSWEL	9.410	206.476	Total	161.943	3490.589
3) VIPL	7.063	142.205	a) Mumbai Schedule	19.853	374.095
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.649	450.072
5) WPCL	3.687	87.739	c) MSEDCL Bilateral *	45.966	983.260
6) PGPL	0.000	7.780	Include PX	4.412	122.639
7) Other IPP	6.539	148.322	d) Mumbai Bilateral *	19.853	374.095
C) 1) TPCL Thermal	15.918	291.283	Include PX	9.639	140.997
2) TPCL Hydro	4.679	82.432	Include Standby	0.000	0.000
3) TPCL Gas	4.395	84.653	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.379	233.884	1) MSEDCL	400.855	8473.022
D) STATE			2) Mumbai Discoms	56.019	1142.315
1) Thermal	245.634	5231.166	TOTAL STATE	456.874	9615.337
(A1+C1+C4+(B1-B6))					
2) Hydro	26.777	396.678			
(A2+C2)					
3) Gas	13.990	302.120			
(A3+B6+C3)					
4) Wind	7.093	166.329			
6) SOLAR	1.438	28.464			
TOTAL STATE	294.932	6124.757			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5420	5916	6124	5901
MSPGCL Hydro	1956	1600	867	128
MSPGCL Gas	293	411	363	455
MSPGCL Total Generation	7669	7927	7354	6484
Central Sector Receipt	8183	7734	6512	5695
WIND	95	300	289	335
CPP / IPP Thermal	3049	3177	3261	3034
CPP / IPP Gas	0	0	0	0
SOLAR	194	135	0	0
Exchange with Mumbai	-1025	-996	-891	-511
MSEDCL DEMAND MET	18165	18277	16525	15037
Load Shedding	656	149	0	0
MSEDCL DEMAND	18821	18426	16525	15037
TPCL GENERATION	1377	1281	1258	701
R-INFRA GENERATION	493	500	509	387
MUMBAI DEMAND	2895	2777	2658	1599
STATE DEMAND MET	21060	21054	19183	16636
STATE DEMAND	21716	21203	19183	16636
Frequency (Hz)	49.93	49.96	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
Hz at Hrs	Hz at Hrs	49.95	% 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 22/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	13.89	294.22	600	519
Unit 9	9.40	148.79	403	380
Unit 10	0.00	66.63	0	0
Total	23.29	555.21		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.14	23.49	170	0
Unit 4	11.59	238.46	510	365
Unit 5	11.64	199.32	510	370
Total	24.36	461.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.02	112.96	250	0
Unit 7	5.44	119.03	252	187
Unit 8	0.00	0.00	0	0
Total	10.46	232.00		
Chandrapur				
Unit 3	4.63	99.75	197	179
Unit 4	4.58	100.00	193	187
Unit 5	10.28	224.39	445	410
Unit 6	3.44	113.79	458	0
Unit 7	0.00	0.00	0	0
Unit 8	9.25	204.51	434	353
Unit 9	9.09	232.02	412	320
Total	41.26	974.45		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	6.01	121.29	257	244
Total	6.01	121.29		
Khaparkheda				
Unit 1	4.28	90.96	195	150
Unit 2	4.56	92.64	200	160
Unit 3	4.67	82.02	201	160
Unit 4	4.45	82.19	191	161
Unit 5	10.11	196.01	505	0
Total	28.07	543.82		
Nasik				
Unit 3	4.43	94.21	200	165
Unit 4	0.00	0.00	0	0
Unit 5	4.42	94.96	201	164
Total	8.85	189.16		
Uran				
All Units	9.60	209.69	464	293
Total	9.60	209.69		
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)	0.00	6.77	0	0
Total	0.00	6.77		
Koyna				
Stage 1-2	4.76	76.45	380	40
Stage 4	9.08	82.89	1001	0
Stage 3	3.12	34.56	238	0
Total	16.96	193.91		
Hydro				
KDPH	0.41	16.34	37	0
VTRNA	0.43	15.41	60	0
TILLARI	0.42	10.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.59	40	0
RNGR+BHTSA	0.33	6.90	14	13
BHANDARDRA	0.54	8.39	42	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	15.82	18	18
GHATGHAR	2.33	42.73	250	0
Total	5.14	120.34		
Wind				
Total	7.09	166.33	0	0
Total	7.09	166.33		
CPP				
APML(Mus)	49.33	1044.06	0	0
JSWEL(Mus)	9.41	206.48	0	0
VIPL(Mus)	7.06	142.20	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.69	87.74	0	0
Other(Mus)	6.54	148.32	0	0
Total	76.02	1628.80		
SOLAR				
Total	1.44	28.46	0	0
Total	1.44	28.46		
Tata				
Trombay 5	10.33	176.74	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	52.40	120	96
Trombay 7B	1.61	32.25	69	61
Trombay 8	5.59	114.54	249	201
TATA Hydro	4.68	82.43	459	32
Total	24.99	458.37		
R-INFRA				
1-2	11.38	233.88	511	387
Total	11.38	233.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.31	3077.20	MSPGCL Total	174.00	3601.13
			MSPGCL Thml+Gas	151.91	3286.89	Koyna 1,2 & 4 Total	13.84	159.34
			MSPGCL Hydro	22.10	314.25	State Total	294.93	6124.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5755	448	453	6656	435	2986	0	0	5773	5938	-766	15249	0	15249	1852	17101	49.91
2	6162	213	454	6829	384	3018	0	0	5788	5694	-652	15273	0	15273	1739	17012	49.98
3	6097	133	456	6686	391	3059	0	0	5734	5636	-566	15206	0	15206	1654	16860	49.98
4	5901	128	455	6484	335	3034	0	0	5674	5695	-511	15037	0	15037	1599	16636	49.96
5	5939	183	464	6586	366	3042	0	0	5701	6035	-515	15514	0	15514	1601	17115	49.96
6	6275	477	458	7210	347	3059	0	0	6009	6166	-591	16191	0	16191	1711	17902	49.91
7	6318	732	457	7507	307	3070	0	0	6538	6816	-479	17221	0	17221	1941	19162	49.91
8	6328	1532	457	8317	235	3057	0	13	7064	7264	-524	18362	0	18362	2058	20420	49.96
9	6057	1733	459	8249	183	3093	0	83	7234	7614	-710	18512	0	18512	2427	20939	49.98
10	5858	1947	402	8207	152	3043	0	128	6982	7246	-834	17942	0	17942	2588	20530	49.97
11	5417	1855	306	7578	106	3034	0	170	7138	7903	-1036	17755	342	18097	2862	20959	49.88
12	5420	1956	293	7669	95	3049	0	194	7613	8183	-1025	18165	656	18821	2895	21716	49.93
13	5595	1594	300	7489	107	3052	0	196	7882	7532	-1031	17345	750	18095	2890	20985	49.98
14	5693	961	319	6973	203	3015	0	197	8077	7899	-985	17302	533	17835	2736	20571	49.94
15	5768	1202	333	7303	248	3075	0	179	7946	8136	-993	17948	264	18212	2773	20985	49.95
16	5916	1600	411	7927	300	3177	0	135	7788	7734	-996	18277	149	18426	2777	21203	49.96
17	6071	1525	413	8009	349	3213	0	107	7208	7339	-979	18038	0	18038	2778	20816	49.91
18	6076	1260	419	7755	326	3208	0	36	6640	6719	-940	17104	0	17104	2721	19825	50.02
19	6136	520	406	7062	309	3211	0	0	6508	6357	-877	16062	0	16062	2659	18721	49.94
20	6124	867	363	7354	289	3261	0	0	6488	6512	-891	16525	0	16525	2658	19183	49.98
21	5985	434	321	6740	326	3530	0	0	6573	6172	-1047	15721	0	15721	2501	18222	49.96
22	5961	305	353	6619	302	3608	0	0	6225	5894	-1057	15366	0	15366	2362	17728	49.97
23	5717	244	405	6366	421	3556	0	0	6084	5737	-885	15195	0	15195	2182	17377	49.96
24	5743	249	438	6430	577	3580	0	0	5963	5716	-759	15544	0	15544	2056	17600	49.94
MUs	142.31	22.10	9.60	174.00	7.09	76.03	0.00	1.44	160.63	161.94	-19.65	400.85	2.69	403.54	56.02	459.56	49.95

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 22/Feb/2017

Position as on 6.30 Hrs of 23/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 22/Feb/2017

Position as on 6.30 Hrs of 23/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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-1	660	16/02/2017	07.38	22/02/2017	14.14	Main Steam Line Drain Leakage.	
MSPGCL	Bhusawal Unit 3	210	21/02/2017	03.55	22/02/2017	16.14	Boiler Tube Leakage	
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	Khaparkheda Unit 5	500	22/02/2017	09.53	22/02/2017	11.56	Drum level low	
MSPGCL	Uran Unit 5	108	22/02/2017	10.04	22/02/2017	13.30	Filter replacement work	
MSPGCL	Uran Unit 6	108	22/02/2017	19.27	22/02/2017	20.18	Turbine bearing Vabration high	
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 22/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 23/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	21/02/2017	22.02	22/02/2017	06.32	HT	Over Voltage
Dabhol Nagothane II	InterState	22/02/2017	15.08	22/02/2017	19.58	T	Distance Protection
Dhule Sar'Sarovar I	InterState	22/02/2017	20.16		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	21/02/2017	16.36	22/02/2017	07.51	HT	Over Voltage
Karad - Jaigad - II	IntraState	21/02/2017	16.38	22/02/2017	07.56	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/02/2017	19.16	22/02/2017	06.11	HT	Over Voltage
Warora-Adani(Tiroda)1	IntraState	22/02/2017	08.56	22/02/2017	19.35	PO	Annual Maintenance Work
Jaigad-New Koyna Ckt-II	IntraState	22/02/2017	09.15	22/02/2017	19.00	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	22/02/2017	17.30		Continued.	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		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	22/02/2017	20.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	22/02/2017	09.53	22/02/2017	21.15	PO	daignostic testing work.
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	22/02/2017	10.34	22/02/2017	10.53	HT	HAND TRIP
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.
Kalwa - Siemens	IntraState	08/01/2017	13.48	22/02/2017	18.54	HT	construction work.
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
New Koyna - Loteparshuram	IntraState	22/02/2017	05.48	22/02/2017	10.00	T	Backup Protection
Loteparshuram- Dasturi Line	IntraState	22/02/2017	05.48	22/02/2017	10.14	T	Distance Protection
Kandalgaon - Koyna	IntraState	22/02/2017	05.55	22/02/2017	13.30	T	Distance Protection
Adlabs - Pedambe	IntraState	22/02/2017	06.09	22/02/2017	19.30	T	Distance Protection
Bhaveghar - Kolshet	IntraState	22/02/2017	08.13	22/02/2017	14.47	T	Distance Protection
chandrapur-Tadali	IntraState	22/02/2017	08.52	22/02/2017	20.14	PO	replacement of jaw of isolator.
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
Patoda-Manjarsumba	IntraState	22/02/2017	10.03	22/02/2017	16.50	PO	carrying out signature test fixing of nut bolt of suspension clamp.
Gorai MSETCL Borivali Line-2	IntraState	22/02/2017	10.05	22/02/2017	21.47	PO	attending sf 6 gas leakage.
Talandge-Mudshingi Ckt-I	IntraState	22/02/2017	10.20	22/02/2017	13.59	PO	Annual Maintenance Work
Bhugaon - Lloyed Steel	IntraState	22/02/2017	10.29	22/02/2017	13.40	PO	Line Maintenance work
Karad(400kv) -Nigade	IntraState	22/02/2017	12.24	22/02/2017	12.49	T	Distance Protection
220KV Sawangi- Bhokardan	IntraState	22/02/2017	12.30	22/02/2017	19.07	PO	Distance Relay Testing Work
Pophli Pedhmbe Line- 1	IntraState	22/02/2017	13.35	22/02/2017	14.55	PO	red hot spot attending work.
Karad - Vita Ckt- II	IntraState	22/02/2017	14.07	22/02/2017	22.04	PO	crm work.
Kalwa - Borivali	IntraState	22/02/2017	16.51	22/02/2017	17.18	PO	construction work.
Kalwa - Mulund 1	IntraState	22/02/2017	17.48	22/02/2017	18.22	PO	construction work for safety

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							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)
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	22/02/2017	09.15	22/02/2017	12.37	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Harangul-Jagruti sugar	IntraState	22/02/2017	06.36	22/02/2017	06.52	PO	Distance Protection