

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.645	1863.213	1) Gujrat	0.949	32.622
2) Hydro	15.719	116.054	2) Madhya Pradesh	13.454	192.586
3) Gas	7.034	95.086	3) Chattisgarh	6.350	86.210
Total MSPGCL	149.398	2074.353	4) Maharashtra	117.993	1377.029
B) 1) APML	59.215	832.056	5) Goa (Amona)	-0.528	-6.732
2) JSWEL	21.297	299.920	Total	138.218	1681.715
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.069	221.168
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.285	238.291
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.876	215.843
6) Other IPP	12.681	179.938	Include PX	3.617	8.022
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.069	221.168
C) 1) TPCL Thermal	14.512	191.678	Include PX	7.481	68.790
2) TPCL Hydro	4.867	42.999	Standby	0.000	0.000
3) TPCL Gas	4.267	56.386	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.120	136.636	1) MSEDCL	378.953	5049.542
D) STATE			2) Mumbai Discoms	52.051	665.989
1) Thermal	244.470	3503.441	TOTAL STATE	431.004	5715.531
(A1+C1+C4+(B1-B6))					
2) Hydro	20.586	159.053			
(A2+C2)					
3) Gas	11.301	151.472			
(A3+B7+C3)					
4) Wind	10.305	136.136			
6) SOLAR	6.124	83.715			
TOTAL STATE	292.786	4033.817			

* 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	5091	5268	5843	4798
MSPGCL Hydro	1668	1161	158	267
MSPGCL Gas	291	287	297	286
MSPGCL Total Generation	7050	6716	6298	5351
Central Sector Receipt	6805	6469	5549	4713
WIND	262	274	530	428
CPP / IPP Thermal	4035	4013	4096	3555
CPP / IPP Gas	0	0	0	0
SOLAR	868	911	0	0
Exchange with Mumbai	-958	-918	-983	-396
MSEDCL DEMAND MET	18062	17465	15490	13651
Load Shedding	0	0	0	0
MSEDCL DEMAND	18062	17465	15490	13651
TPCL GENERATION	1287	1287	1118	669
AEML GENERATION	496	500	374	374
MUMBAI DEMAND	2741	2705	2475	1439
STATE DEMAND MET	20803	20170	17964	15090
STATE DEMAND	20803	20170	17964	15090
Frequency (Hz)	50.04	50.01	50.00	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.75 Hz at 18.40 Hrs	49.98	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 14/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.97	11.39	185	0
Unit 7	0.00	0.00	0	0
Unit 8	10.10	148.72	488	355
Unit 9	6.02	154.68	427	0
Unit 10	9.74	151.43	500	330
Total	27.82	466.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.08	136.21	500	350
Unit 5	9.60	105.25	470	355
Total	19.68	241.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.46	60.09	195	166
Unit 4	4.34	35.65	190	164
Unit 5	0.00	77.89	0	0
Unit 6	5.14	108.75	431	0
Unit 7	9.99	135.84	450	371
Unit 8	10.72	149.04	500	360
Unit 9	10.74	147.58	490	365
Total	45.38	714.84		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	43.41	240	0
Total	3.99	43.41		
Khaparkheda				
Unit 1	3.90	50.22	165	160
Unit 2	3.44	51.22	160	100
Unit 3	3.81	52.50	161	150
Unit 4	3.79	52.27	160	155
Unit 5	10.62	133.24	495	367
Total	25.56	339.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.21	27.82	200	158
Total	4.21	57.83		
Uran				
All Units	7.03	95.09	312	284
Total	7.03	95.09		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.22	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.22		
Koyna				
Stage 1-2	3.68	33.58	350	40
Stage 4	5.96	19.52	1000	0
Stage 3	2.12	11.58	320	0
Total	11.77	64.68		
Hydro				
KDPH	0.33	4.51	37	0
VTRNA	0.67	9.31	61	0
TILLARI	0.00	3.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	1.96	77	0
RNGR+BHTSA	0.32	4.35	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	7.82	28	17
GHATGHAR	1.94	20.37	250	0
Total	3.95	51.37		
Wind				
Total	10.30	136.14	0	0
Total	10.30	136.14		
CPP				
APML(Mus)	59.22	832.06	0	0
JSWEL(Mus)	21.30	299.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.68	179.94	0	0
Total	93.19	1311.91		
SOLAR				
Total	6.12	83.72	0	0
Total	6.12	83.72		
Tata				
Trombay 5	9.20	118.64	482	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	35.22	116	79
Trombay 7B	1.58	21.17	68	56
Trombay 8	5.31	73.04	235	199
TATA Hydro	4.87	43.00	411	0
Total	23.65	291.06		
AEML				
DTPS U-1&2	10.12	136.64	503	374
Total	10.12	136.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.64	1863.21	MSPGCL Total	149.40	2074.35
			MSPGCL Thml+Gas	133.68	1958.30	Koyna 1,2 & 4 Total	9.64	53.10
			MSPGCL Hydro	15.72	116.05	State Total	292.79	4033.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Feb/2019

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	5233	109	285	5627	366	3654	0	0	5052	5022	-597	14072	0	14072	1678	15750	49.99
2	4989	77	285	5351	490	3612	0	0	4973	4829	-478	13804	0	13804	1551	15355	49.99
3	4819	82	286	5187	491	3556	0	0	4748	4809	-411	13632	0	13632	1477	15109	49.96
4	4798	267	286	5351	428	3555	0	0	4791	4713	-396	13651	0	13651	1439	15090	49.91
5	4982	247	287	5516	404	3537	0	0	4902	5195	-419	14233	0	14233	1445	15678	49.98
6	5069	457	287	5813	371	3770	0	0	5055	5429	-417	14966	0	14966	1598	16564	50.00
7	4899	1545	288	6732	299	3985	0	1	5694	5905	-357	16565	0	16565	1824	18389	50.01
8	4968	1837	293	7098	305	4213	0	80	6199	6523	-550	17669	0	17669	2004	19673	50.04
9	5061	1759	297	7117	245	4315	0	320	6271	6397	-725	17669	0	17669	2285	19954	50.01
10	5071	1766	303	7140	296	4303	0	568	6292	6437	-940	17804	0	17804	2546	20350	49.95
11	5074	1831	290	7195	277	4219	0	781	6423	6570	-1042	18000	0	18000	2707	20707	49.98
12	5091	1668	291	7050	262	4035	0	868	6740	6805	-958	18062	0	18062	2741	20803	50.04
13	5268	1161	287	6716	274	4013	0	911	6524	6469	-918	17465	0	17465	2705	20170	50.01
14	5344	486	286	6116	313	3979	0	849	6293	6336	-881	16712	0	16712	2566	19278	49.97
15	5512	451	284	6247	425	4025	0	699	6376	6246	-829	16813	0	16813	2577	19390	49.96
16	5631	188	287	6106	447	3993	0	570	6231	6385	-953	16548	0	16548	2568	19116	49.92
17	5884	282	289	6455	584	3990	0	360	5921	5699	-1029	16059	0	16059	2551	18610	49.93
18	5946	244	302	6492	607	3944	0	115	5408	5348	-1142	15364	0	15364	2509	17873	49.93
19	5878	170	294	6342	577	3924	0	2	5677	5557	-999	15404	0	15404	2497	17900	49.96
20	5843	158	297	6298	530	4096	0	0	5491	5549	-983	15490	0	15490	2475	17964	50.00
21	5550	88	307	5946	549	3857	0	0	5477	5646	-980	15018	0	15018	2321	17338	50.01
22	5363	178	300	5842	628	3553	0	0	5396	5736	-827	14932	0	14932	2156	17088	50.02
23	5205	404	311	5920	569	3537	0	0	5290	5394	-771	14648	0	14648	2002	16650	50.00
24	5167	264	312	5742	568	3528	0	0	5150	5219	-683	14374	0	14374	1829	16204	49.95
MUs	126.64	15.72	7.03	149.40	10.30	93.19	0.00	6.12	136.37	138.22	-18.28	378.95	0.00	378.95	52.05	431.00	49.98

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 14/Feb/2019

Position as on 6.30 Hrs of 15/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Koradi Unit 6	210	03/02/2019	22.09	14/02/2019	07.46	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	08/02/2019	05.18		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 5	500	09/02/2019	12.33	15/02/2019	02.20	Air Heater Basket Replacement Work.	
MSPGCL	Paras Unit 4	250	10/02/2019	04.55	14/02/2019	04.36	Air heater problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Feb/2019

Position as on 6.30 Hrs of 15/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	13/02/2019	14.52		Continued.	Due To APH-B Gearbox Problem.	
MSPGCL	Chandrapur Unit 6	500	14/02/2019	05.23	14/02/2019	15.09	Flash Over At UAT 6C.	
MSPGCL	Koradi Unit 9	660	14/02/2019	05.31	14/02/2019	11.43	Main Steam Temperature High Protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 15/Feb/2019

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	07/02/2019	08.55		Continued.	PO	Relay Testing Work(RFC 19.48Hrs)
Bhusawal-Aurangabad	IntraState	13/02/2019	18.00	14/02/2019	07.27	HT	Over Voltage
Padghe - Kalwa-II	IntraState	14/02/2019	05.59	14/02/2019	09.16	EO	Hot Spot On isolator.
Deepnagar - Aurangabad	IntraState	14/02/2019	07.51	14/02/2019	18.53	PO	Replacement work
Koradi-Bhusawal	IntraState	14/02/2019	08.12	14/02/2019	19.12	HT	Safety Purpose
Warora -IEPL	IntraState	14/02/2019	09.31	14/02/2019	18.14	PO	Diagnostic Testing Work
New Koyna - Dabhol - li	IntraState	14/02/2019	14.30		Continued.	EO	String Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	14/02/2019	19.50		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	14/02/2019	20.02	15/02/2019	06.17	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	14/02/2019	09.08	14/02/2019	18.10	PO	Painting cold welding & relay testing
400/220 KV 315MVA ICT II @ Parli	IntraState	14/02/2019	09.11	14/02/2019	21.25	PO	Testing Work
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	14/02/2019	11.40	14/02/2019	14.15	PO	Conservator tank maint.work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper 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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Gadchandur-Ultratech II	IntraState	13/02/2019	18.00		Continued.	PO	Metering C.T.Replacement Work.
Sadawaghapur Karad Ckt 2	IntraState	14/02/2019	10.00	14/02/2019	18.30	PO	Diagnostic testing work
Peth- Mudshingi -I	IntraState	14/02/2019	10.14	14/02/2019	11.55	PO	Attending Oil Leakage
Chakan-Chinchwad	IntraState	14/02/2019	11.19	14/02/2019	14.48	HT	Load management for outage on chakan
Ranjangaon-Lonikand	IntraState	14/02/2019	15.00	14/02/2019	19.07	PO	Annual Maintenance Work
220 KV ICT Outages/Trippings							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/02/2019	11.35		Continued.	PO	LV Bushing Replacement,Work For 10 Days
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	14/02/2019	11:15	14/02/2019	12:25	PO	For oil top
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	15/02/2019	01.15	15/02/2019	02.55	PO	Bus Bar configuration work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Ranjangaon-Whirlpool	IntraState	14/02/2019	10.05	14/02/2019	19.38	PO	Construction work

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