

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.936	937.481	1) Gujrat	2.757	18.747
2) Hydro	5.666	60.454	2) Madhya Pradesh	16.349	93.806
3) Gas	7.402	47.624	3) Chattisgarh	5.980	41.810
Total MSPGCL	149.004	1045.559	4) Maharashtra	99.297	681.543
B) 1) APML	53.441	422.536	5) Goa (Amona)	-0.594	-3.828
2) JSWEL	20.951	153.331	Total	123.789	832.078
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.325	111.880
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.642	124.777
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.035	108.968
6) Other IPP	12.894	89.808	Include PX	5.475	5.405
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.325	111.880
C) 1) TPCL Thermal	12.861	95.321	Include PX	6.824	32.939
2) TPCL Hydro	4.180	22.052	Standby	0.000	0.000
3) TPCL Gas	4.043	27.723	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.231	67.984	1) MSEDCL	365.442	2525.098
D) STATE			2) Mumbai Discoms	48.957	337.856
1) Thermal	245.314	1766.461	TOTAL STATE	414.399	2862.954
(A1+C1+C4+(B1-B6))					
2) Hydro	9.846	82.506			
(A2+C2)					
3) Gas	11.445	75.347			
(A3+B7+C3)					
4) Wind	17.174	65.701			
6) SOLAR	6.831	40.862			
TOTAL STATE	290.610	2030.877			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6140	6084	5837	5190
MSPGCL Hydro	361	338	419	140
MSPGCL Gas	308	293	311	308
MSPGCL Total Generation	6809	6715	6567	5638
Central Sector Receipt	6372	5715	4893	4057
WIND	622	624	621	683
CPP / IPP Thermal	4215	4022	3796	3172
CPP / IPP Gas	0	0	0	0
SOLAR	843	1036	0	0
Exchange with Mumbai	-1170	-1073	-884	-420
MSEDCL DEMAND MET	17691	17039	14993	13130
Load Shedding	0	0	0	0
MSEDCL DEMAND	17691	17039	14993	13130
TPCL GENERATION	993	1027	1106	660
AEML GENERATION	371	373	374	373
MUMBAI DEMAND	2534	2473	2364	1453
STATE DEMAND MET	20225	19512	17357	14584
STATE DEMAND	20225	19512	17357	14584
Frequency (Hz)	50.06	50.06	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.02 Hrs	49.83 Hz at 21.05 Hrs	50.02	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 07/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	9.42	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.99	71.82	461	375
Unit 9	10.34	77.84	494	344
Unit 10	10.70	71.84	495	375
Total	31.02	230.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.40	68.60	500	350
Unit 5	9.36	39.03	495	350
Total	18.76	107.63		
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	4.30	29.50	195	165
Unit 4	0.00	18.99	0	0
Unit 5	8.87	64.15	380	363
Unit 6	9.94	43.49	460	370
Unit 7	9.51	68.40	451	343
Unit 8	10.27	74.59	500	360
Unit 9	10.36	74.37	500	360
Total	53.24	373.48		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	27.68	258	196
Total	5.48	27.68		
Khaparkheda				
Unit 1	3.42	25.26	160	130
Unit 2	3.41	25.21	160	130
Unit 3	3.54	26.05	160	135
Unit 4	3.54	26.03	160	131
Unit 5	9.24	65.67	400	370
Total	23.16	168.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	29.26	202	151
Unit 5	0.30	0.30	88	0
Total	4.27	29.56		
Uran				
All Units	7.40	47.62	320	292
Total	7.40	47.62		
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)	0.03	0.18	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.18		
Koyna				
Stage 1-2	1.69	16.50	235	40
Stage 4	0.06	10.98	47	0
Stage 3	0.41	6.00	130	0
Total	2.16	33.48		
Hydro				
KDPH	0.15	2.81	19	0
VTRNA	0.52	4.64	60	0
TILLARI	0.24	2.92	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.90	73	0
RNGR+BHTSA	0.32	2.20	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.20	3.93	58	47
GHATGHAR	0.97	9.56	125	0
Total	3.50	26.97		
Wind				
Total	17.17	65.70	0	0
Total	17.17	65.70		
CPP				
APML(Mus)	53.44	422.54	0	0
JSWEL(Mus)	20.95	153.33	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)	12.89	89.81	0	0
Total	87.29	665.68		
SOLAR				
Total	6.83	40.86	0	0
Total	6.83	40.86		
Tata				
Trombay 5	7.61	58.70	452	220
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	17.24	117	71
Trombay 7B	1.51	10.48	67	53
Trombay 8	5.25	36.62	236	200
TATA Hydro	4.18	22.05	385	0
Total	21.08	145.10		
AEML				
DTPS U-1&2	9.23	67.98	499	371
Total	9.23	67.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.94	937.48	MSPGCL Total	149.00	1045.56
			MSPGCL Thml+Gas	143.34	985.10	Koyna 1,2 & 4 Total	1.76	27.48
			MSPGCL Hydro	5.67	60.45	State Total	290.61	2030.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5219	196	314	5728	892	3154	0	0	4125	4224	-558	13440	0	13440	1634	15074	49.98
2	5203	176	316	5694	807	3143	0	0	4326	4271	-484	13432	0	13432	1521	14952	49.97
3	5190	140	308	5638	683	3172	0	0	4087	4057	-420	13130	0	13130	1453	14584	50.02
4	5212	136	317	5664	773	3170	0	0	4203	4061	-399	13270	0	13270	1404	14674	50.04
5	5334	130	318	5782	677	3190	0	0	4524	4242	-420	13472	0	13472	1423	14894	50.01
6	5774	120	317	6212	757	3415	0	0	5183	5129	-539	14974	0	14974	1551	16524	50.01
7	6035	120	320	6476	657	3653	0	2	5965	6016	-688	16116	0	16116	1737	17852	50.03
8	6291	264	317	6872	709	4158	0	85	6391	6587	-606	17806	0	17806	1875	19680	50.04
9	6175	342	316	6833	641	4333	0	358	6217	6276	-764	17677	0	17677	2214	19891	50.06
10	6142	356	311	6809	642	4241	0	644	6270	6411	-1094	17653	0	17653	2464	20117	50.05
11	6140	361	308	6809	622	4215	0	843	6261	6372	-1170	17691	0	17691	2534	20225	50.06
12	6143	390	294	6827	626	4224	0	874	6127	6160	-1147	17564	0	17564	2556	20120	50.02
13	6084	338	293	6715	624	4022	0	1036	5714	5715	-1073	17039	0	17039	2473	19512	50.06
14	5792	145	303	6240	908	3814	0	959	5497	5423	-1013	16331	0	16331	2328	18659	50.04
15	5545	101	292	5938	867	3566	0	831	5489	5399	-962	15639	0	15639	2331	17970	49.99
16	5350	106	303	5759	1179	3528	0	658	5173	5365	-890	15599	0	15599	2346	17945	49.96
17	5389	161	295	5845	950	3536	0	405	4984	5029	-896	14869	0	14869	2352	17221	50.01
18	5471	400	306	6177	900	3546	0	128	4823	4918	-858	14811	0	14811	2325	17136	49.93
19	5865	444	299	6608	647	3682	0	8	4851	4771	-878	14838	0	14838	2339	17177	50.00
20	5837	419	311	6567	621	3796	0	0	4841	4893	-884	14993	0	14993	2364	17357	50.04
21	5501	194	312	6007	504	3596	0	0	4895	4865	-849	14123	0	14123	2196	16319	50.01
22	5413	342	303	6058	504	3548	0	0	4596	4413	-727	13796	0	13796	2033	15829	49.99
23	5422	165	315	5902	467	3412	0	0	4592	4657	-724	13714	0	13714	1851	15565	50.03
24	5409	119	314	5842	517	3172	0	0	4561	4535	-599	13467	0	13467	1653	15120	50.07
MUs	135.94	5.67	7.40	149.00	17.17	87.29	0.00	6.83	123.69	123.79	-18.64	365.44	0.00	365.44	48.96	414.40	50.02

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 07/Feb/2019

Position as on 6.30 Hrs of 08/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	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50	07/02/2019	11.26	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 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 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	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.	
IPP	Adani U-5	660	03/02/2019	10.08		Continued.	Bottom ASH Hopper	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Feb/2019

Position as on 6.30 Hrs of 08/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							leakage	
MSPGCL	Koradi Unit 6	210	03/02/2019	22.09		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	05/02/2019	23.23		Continued.	HPCV 2 & 4 Work.	
MSPGCL	Nasik Unit 5	210	07/02/2019	16.20	07/02/2019	21.10	MS-4 Heavy gland Leakage	
MSPGCL	Nasik Unit 5	210	07/02/2019	21.25	08/02/2019	02.55	M.S.Temp.Low	
MSPGCL	Nasik Unit 4	210	08/02/2019	05.18		Continued.	Zero schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 08/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 II	InterState	04/02/2019	09.08		Continued.	PO	Work At SSP End.
Dhule Sar'Sarovar I	InterState	07/02/2019	08.55	07/02/2019	19.48	PO	Relay Testing Work
Dabhol Nagothane I	InterState	07/02/2019	09.03	07/02/2019	18.30	PO	String Replacement work
Alkud-Solapur(PG)	InterState	07/02/2019	09.53	07/02/2019	17.57	PO	AMW at solapur end
Akola Wardha li	InterState	07/02/2019	10.15	07/02/2019	20.35	PO	Maintenance Work
Padghe - Kalwa-II	IntraState	25/01/2019	09.17	07/02/2019	14.32	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Bhusawal-Aurangabad	IntraState	06/02/2019	18.16	07/02/2019	07.11	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/02/2019	01.09	07/02/2019	08.53	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	07/02/2019	07.48	07/02/2019	12.55	PO	Replacement of Fulty Isolator
Akola-Nandgaonpeth (RPL)	IntraState	07/02/2019	08.29	07/02/2019	20.38	PO	Fulty String Replacement Work
Parly(MS)- Nanded ckt II	IntraState	07/02/2019	09.35	07/02/2019	18.10	PO	Dignostic Testing & Maintenance Work
Chandrapu II - Chandrapur SW Ckt II	IntraState	07/02/2019	10.26	07/02/2019	12.46	EO	Attending Hot Spot
Kala Kudus Ckt-I	IntraState	07/02/2019	13.50		Continued.	EO	Attending Oil Leakage
Padghe - Kalwa-II	IntraState	07/02/2019	14.39	07/02/2019	20.09	HT	Decapping of insulator string from kalwa end
Khadka-Aurangabad (Waluj)	IntraState	07/02/2019	17.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/02/2019	20.47		Continued.	HT	Over Voltage
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.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	07/02/2019	08.57	07/02/2019	20.29	PO	Routine Maintenance Work
400/220 KV 315 MVA ICT- I @Koradi	IntraState	07/02/2019	09.39	07/02/2019	18.47	PO	Painting & Maintenance work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	07/02/2019	10.15	07/02/2019	18.15	PO	Tan Delta Testing work
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	07/02/2019	13.34	07/02/2019	19.44	EO	Testing 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.
Bhira Dharavi 8	IntraState	01/02/2019	07.56		Continued.	PO	Tower Erection work
Parli - Nanded II	IntraState	06/02/2019	07.25		Continued.	HT	To Avoid Nanded-Kumbhargaoon Ckt O/L.
Salsette Borivli 2	IntraState	07/02/2019	08.48	07/02/2019	17.41	PO	Routine Maintenance Work
Talandage - Sawantwadi I	IntraState	07/02/2019	09.05	07/02/2019	17.36	PO	Fulty String Replacement Work
Nerul-Trombay	IntraState	07/02/2019	09.45	07/02/2019	10.04	T	Distance Protection
Vsnl-512 Khadki	IntraState	07/02/2019	10.26	07/02/2019	15.02	PO	Dignostic Testing & Maintenance Work
Karad - Vita Ckt- II	IntraState	07/02/2019	10.28	07/02/2019	16.50	PO	Chemical washing of insulator

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 07/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							string
Nerul-Trombay	IntraState	07/02/2019	11.52	07/02/2019	11.54	HT	Remove Hanging Foreign Wire
Bapgaon - Kalwa	IntraState	07/02/2019	12.16	07/02/2019	23.20	EO	Attending Oil Leakage
Padghe - Jindal	IntraState	07/02/2019	12.29	07/02/2019	18.47	PO	Dignostic Testing & Maintenance Work
Trombay MSETCL Tie 1	IntraState	07/02/2019	23.01	08/02/2019	01.52	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	07/02/2019	09.25	07/02/2019	14.04	PO	Half yearly maintenance 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.

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