

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.370	935.346	1) Gujrat	4.832	35.652
2) Hydro	6.684	60.735	2) Madhya Pradesh	12.208	85.003
3) Gas	7.794	42.957	3) Chattisgarh	4.920	32.390
Total MSPGCL	147.848	1039.038	4) Maharashtra	113.455	821.369
B) 1) APMIL	68.631	498.941	5) Goa (Amona)	-0.396	-3.454
2) JSWEL	22.596	161.371	Total	135.019	970.960
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.830	142.876
4) RPL(AMT)	19.273	126.771	b) Mumbai Drawl	21.115	162.717
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.366	203.464
6) Other IPP	16.522	111.031	Include PX	1.294	20.645
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.830	142.876
C) 1) TPCL Thermal	12.456	93.034	Include PX	4.816	41.340
2) TPCL Hydro	4.515	28.796	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.404	46.582	1) MSEDCL	405.255	2850.519
D) STATE			2) Mumbai Discoms	47.490	333.788
1) Thermal	282.252	1973.076	TOTAL STATE	452.745	3184.307
(A1+C1+C4+(B1-B6))					
2) Hydro	11.199	89.531			
(A2+C2)					
3) Gas	7.794	45.616			
(A3+B7+C3)					
4) Wind	10.106	61.005			
6) SOLAR	6.375	44.119			
TOTAL STATE	317.726	2213.347			

* 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	5996	5958	5461	5090
MSPGCL Hydro	311	413	378	131
MSPGCL Gas	371	359	373	280
MSPGCL Total Generation	6678	6730	6212	5501
Central Sector Receipt	7312	6816	5204	4603
WIND	354	428	394	666
CPP / IPP Thermal	5695	5678	5176	4437
CPP / IPP Gas	0	0	0	0
SOLAR	898	941	0	0
Exchange with Mumbai	-1352	-1308	-1152	-433
MSEDCL DEMAND MET	19585	19285	15834	14774
Load Shedding	0	0	0	0
MSEDCL DEMAND	19585	19285	15834	14774
TPCL GENERATION	774	755	756	499
AEML GENERATION	375	375	375	374
MUMBAI DEMAND	2501	2438	2283	1306
STATE DEMAND MET	22086	21723	18117	16080
STATE DEMAND	22086	21723	18117	16080
Frequency (Hz)	50.00	49.94	50.01	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.03 Hrs	49.74 Hz at 15.00 Hrs	49.99	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/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.07	75.02	434	304
Unit 9	12.26	77.83	580	427
Unit 10	11.57	80.98	550	400
Total	32.90	233.83		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.74	34.16	230	188
Unit 7	4.97	36.49	249	191
Unit 8	5.01	23.64	250	195
Total	14.72	94.29		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	27.93	170	160
Unit 5	0.00	0.00	0	0
Unit 6	10.08	71.98	480	360
Unit 7	9.68	69.75	460	320
Unit 8	10.24	74.34	500	360
Unit 9	10.64	72.46	500	360
Total	44.61	316.46		
Paras				
Unit 3	4.62	34.45	216	186
Unit 4	5.21	37.10	250	190
Total	9.83	71.54		
Khaparkheda				
Unit 1	4.10	28.36	190	150
Unit 2	4.20	29.16	195	160
Unit 3	4.30	30.41	200	158
Unit 4	4.27	29.71	195	160
Unit 5	10.38	72.98	500	360
Total	27.25	190.63		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	4.06	16.38	200	154
Unit 5	0.00	0.00	0	0
Total	4.06	28.60		
Uran				
All Units	7.79	42.96	373	269
Total	7.79	42.96		
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)	0.14	3.08	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	3.08		
Koyna				
Stage 1-2	2.57	17.54	390	40
Stage 4	0.00	17.06	0	0
Stage 3	0.73	7.54	80	0
Total	3.30	42.14		
Hydro				
KDPH	0.89	1.73	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	3.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	1.14	80	0
RNGR+BHTSA	0.34	2.24	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	1.41	15	14
SMLHY_PTN	0.56	3.80	33	20
GHATGHAR	0.47	4.98	125	0
Total	3.39	18.60		
Wind				
Total	10.11	61.00	0	0
Total	10.11	61.00		
CPP				
APML(Mus)	68.63	498.94	0	0
JSWEL(Mus)	22.60	161.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.27	126.77	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	16.52	111.03	0	0
Total	127.02	898.11		
SOLAR				
Total	6.38	44.12	0	0
Total	6.38	44.12		
Tata				
Trombay 5	8.02	60.34	474	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.50	0	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	4.43	32.69	243	174
TATA Hydro	4.52	28.80	312	0
Total	16.97	124.49		
AEML				
DTPS U-1&2	9.40	46.58	503	373
Total	9.40	46.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.37	935.35	MSPGCL Total	147.85	1039.04
			MSPGCL Thml+Gas	141.16	978.30	Koyna 1,2 & 4 Total	2.57	34.60
			MSPGCL Hydro	6.68	60.74	State Total	317.73	2213.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Feb/2020

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	5098	131	278	5507	790	4550	0	0	5061	4792	-594	15045	0	15045	1525	16570	50.01
2	5044	126	279	5449	719	4411	0	0	4833	4696	-476	14799	0	14799	1409	16208	50.02
3	5023	141	277	5441	728	4438	0	0	4655	4706	-440	14873	0	14873	1349	16222	50.01
4	5090	131	280	5501	666	4437	0	0	4773	4603	-433	14774	0	14774	1306	16080	49.94
5	5346	161	269	5776	622	4630	0	0	5063	4762	-477	15313	0	15313	1337	16650	49.99
6	5700	145	279	6124	530	4994	0	0	5253	5446	-566	16528	0	16528	1469	17997	50.02
7	5959	535	279	6773	288	5601	0	17	5852	5628	-568	17739	0	17739	1684	19423	49.99
8	6123	383	301	6807	210	6095	0	94	5837	5981	-469	18718	0	18718	1904	20622	49.96
9	6104	563	302	6969	155	6132	0	347	6045	6109	-627	19085	0	19085	2156	21241	50.03
10	6124	454	296	6874	204	5984	0	619	6519	6496	-917	19260	0	19260	2376	21636	50.01
11	6027	467	317	6811	313	5697	0	815	7038	6955	-1300	19291	0	19291	2480	21771	50.00
12	5996	311	371	6678	354	5695	0	898	7605	7312	-1352	19585	0	19585	2501	22086	50.00
13	5958	413	359	6730	428	5678	0	941	6942	6816	-1308	19285	0	19285	2438	21723	49.94
14	5895	255	368	6518	459	5665	0	888	6774	6263	-1150	18643	0	18643	2280	20923	50.02
15	5635	367	357	6359	418	5537	0	716	6766	6529	-1133	18426	0	18426	2274	20700	49.93
16	5766	412	367	6545	372	5581	0	590	6409	6715	-1113	18690	0	18690	2273	20963	50.00
17	5831	222	358	6411	300	5664	0	340	5943	5571	-1142	17144	0	17144	2260	19404	49.98
18	5808	175	373	6356	283	5565	0	109	5539	5200	-1168	16345	0	16345	2256	18601	50.01
19	5508	312	364	6184	314	5201	0	1	5337	5053	-1152	15601	0	15601	2277	17878	49.99
20	5461	378	373	6212	394	5176	0	0	5370	5204	-1152	15834	0	15834	2283	18117	50.01
21	4997	163	320	5480	409	5130	0	0	5239	5084	-1040	15063	0	15063	2147	17210	49.94
22	4996	173	323	5492	424	5053	0	0	5176	5031	-922	15078	0	15078	1998	17076	50.00
23	4963	133	347	5443	387	5063	0	0	5117	5138	-874	15157	0	15157	1831	16988	50.02
24	4918	133	357	5408	339	5045	0	0	5124	4929	-742	14979	0	14979	1677	16656	50.03
MUs	133.37	6.68	7.79	147.85	10.11	127.02	0.00	6.37	138.27	135.02	-21.11	405.25	0.00	405.25	47.49	452.74	49.99

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/2020

Position as on 6.30 Hrs of 08/Feb/2020

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	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00	08/02/2020	05.56	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40	07/02/2020	07.03	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	28/01/2020	22.03	08/02/2020	04.54	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 07/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Tripping							
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	06/02/2020	11.56	07/02/2020	06.12	PO	Earth Wire Replacement Work. Disc Insulator Replacement By Long ROD.
Dhule Sar'Sarovar II	InterState	07/02/2020	12.22	08/02/2020	06.21	PO	Earth Wire replacement work(RFC 19.57Hrs)
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	07/02/2020	13.01	07/02/2020	13.44	T	Bus Bar Protection Operated
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	07/02/2020	13.01	07/02/2020	13.50	T	Bus Bar Protection Operated
New Koyna - Dabhol-I	IntraState	06/02/2020	10.37	07/02/2020	10.35	PO	Cold Washing, Routine Maintenance Work & Faulty String Replacement Work.
Bhusawal-Aurangabad	IntraState	06/02/2020	17.32	07/02/2020	06.36	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	07/02/2020	01.59	08/02/2020	06.24	T	Over Voltage
Karad - Talandge Ckt 2	IntraState	07/02/2020	08.08		Continued.	HT	Disc Insulator Replacement Work (RFC 17.32Hrs)
Khadka-Aurangabad (Waluj)	IntraState	07/02/2020	18.23		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection,Declared faulty.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	07/02/2020	10.18	07/02/2020	13.09	T	NDR Operated
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Chandrapur GCR - Sicom I	IntraState	06/02/2020	10.13		Continued.	PO	TO Carry Out The Work of Replacement of Deteriorated RCC Structure of CT, CC.
Koradi-Khaparkheda	IntraState	07/02/2020	09.29	07/02/2020	13.40	EO	To attend Hot Spot
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	07/02/2020	09.47	07/02/2020	19.19	PO	Insulator String replacement work
New Koyna - Loteparshuram	IntraState	07/02/2020	10.21	07/02/2020	13.06	PO	Tan Delta Measurment of CTs
Parli 2-(Girwali) -Murud	IntraState	07/02/2020	11.20	07/02/2020	14.37	EO	To attend Hot Spot
Roma-Bhavegar	IntraState	07/02/2020	11.30	07/02/2020	19.39	PO	Replacement of Insulator string
220 KV ICT Outages/Tripping							
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	03/02/2020	02.25		Continued.	T	Differential protection
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	07/02/2020	07.15	07/02/2020	19.12	PO	Routine Maintenance Work
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	07/02/2020	09.15	07/02/2020	18.15	PO	Diagnostic testing and urgent LV CT B phase Jumper replacement work

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