

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Feb/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.253	801.976	1) Gujrat	4.700	30.820
2) Hydro	7.752	54.051	2) Madhya Pradesh	13.466	72.795
3) Gas	6.482	35.163	3) Chattisgarh	4.500	27.470
Total MSPGCL	149.487	891.190	4) Maharashtra	116.624	707.914
B) 1) APML	71.325	430.310	5) Goa (Amona)	-0.484	-3.058
2) JSWEL	23.208	138.775	Total	138.806	835.941
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.550	125.046
4) RPL(AMT)	20.372	107.498	b) Mumbai Drawl	23.344	141.602
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.432	177.097
6) Other IPP	15.960	94.509	Include PX	2.219	19.351
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.550	125.046
C) 1) TPCL Thermal	12.811	80.578	Include PX	6.231	36.524
2) TPCL Hydro	4.651	24.281	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.920	37.178	1) MSEDCL	415.029	2445.264
D) STATE			2) Mumbai Discoms	48.726	286.298
1) Thermal	286.849	1690.824	TOTAL STATE	463.755	2731.562
(A1+C1+C4+(B1-B6))					
2) Hydro	12.403	78.332			
(A2+C2)					
3) Gas	6.482	37.822			
(A3+B7+C3)					
4) Wind	12.576	50.899			
6) SOLAR	6.639	37.744			
TOTAL STATE	324.949	1895.621			

* 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	5995	5981	5493	5103
MSPGCL Hydro	237	294	307	118
MSPGCL Gas	260	267	274	276
MSPGCL Total Generation	6492	6542	6074	5497
Central Sector Receipt	7771	7002	5152	5019
WIND	270	405	899	404
CPP / IPP Thermal	6006	5996	5374	4752
CPP / IPP Gas	0	0	0	0
SOLAR	945	960	0	0
Exchange with Mumbai	-1201	-1312	-1166	-651
MSEDCL DEMAND MET	20282	19593	16332	15022
Load Shedding	0	0	0	0
MSEDCL DEMAND	20282	19593	16332	15022
TPCL GENERATION	926	808	760	506
AEML GENERATION	443	375	374	192
MUMBAI DEMAND	2570	2495	2300	1349
STATE DEMAND MET	22852	22088	18632	16370
STATE DEMAND	22852	22088	18632	16370
Frequency (Hz)	50.01	49.97	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:01 Hrs	49.81 Hz at 07:33 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 06/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	11.36	65.95	604	420
Unit 9	11.50	65.56	577	390
Unit 10	11.98	69.41	540	460
Total	34.83	200.92		
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	5.17	29.42	250	189
Unit 7	5.14	31.52	248	187
Unit 8	5.27	18.62	250	195
Total	15.58	79.57		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.00	23.95	175	160
Unit 5	0.00	0.00	0	0
Unit 6	10.20	61.90	475	360
Unit 7	10.02	60.07	465	361
Unit 8	10.13	64.10	450	360
Unit 9	9.46	61.83	490	250
Total	43.81	271.84		
Paras				
Unit 3	4.82	29.83	227	184
Unit 4	5.13	31.88	248	193
Total	9.96	61.71		
Khaparkheda				
Unit 1	4.13	24.27	185	155
Unit 2	4.10	24.96	180	160
Unit 3	4.32	26.11	205	158
Unit 4	4.20	25.44	195	160
Unit 5	10.24	62.60	470	370
Total	26.99	163.38		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	4.09	12.32	206	159
Unit 5	0.00	0.00	0	0
Total	4.09	24.54		
Uran				
All Units	6.48	35.16	279	256
Total	6.48	35.16		
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)	0.04	2.95	15	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	2.95		
Koyna				
Stage 1-2	1.98	14.98	340	40
Stage 4	1.74	17.06	483	0
Stage 3	0.68	6.81	160	0
Total	4.40	38.84		
Hydro				
KDPH	0.74	0.84	37	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	2.88	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.78	80	0
RNGR+BHTSA	0.34	1.89	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	1.06	15	13
SMLHY_PTN	0.54	3.24	33	20
GHATGHAR	0.68	4.51	125	0
Total	3.35	15.21		
Wind				
Total	12.58	50.90	0	0
Total	12.58	50.90		
CPP				
APML(Mus)	71.32	430.31	0	0
JSWEL(Mus)	23.21	138.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.37	107.50	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.96	94.51	0	0
Total	130.86	771.09		
SOLAR				
Total	6.64	37.74	0	0
Total	6.64	37.74		
Tata				
Trombay 5	8.26	52.32	477	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	4.56	28.26	241	174
TATA Hydro	4.65	24.28	294	4
Total	17.46	107.52		
AEML				
DTPS U-1&2	7.92	37.18	498	192
Total	7.92	37.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.25	801.98	MSPGCL Total	149.49	891.19
			MSPGCL Thml+Gas	141.74	837.14	Koyna 1,2 & 4 Total	3.72	32.03
			MSPGCL Hydro	7.75	54.05	State Total	324.95	1895.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5294	118	275	5687	255	4932	0	0	5445	5295	-814	15354	0	15354	1566	16920	49.98
2	5112	108	266	5486	319	4892	0	0	5365	5228	-692	15233	0	15233	1445	16678	49.95
3	5051	113	278	5442	452	4882	0	0	5250	4944	-670	15050	0	15050	1379	16429	50.01
4	5103	118	276	5497	404	4752	0	0	5201	5019	-651	15022	0	15022	1349	16370	49.98
5	5305	173	275	5753	318	4837	0	0	5346	5419	-685	15642	0	15642	1368	17010	49.96
6	5878	165	278	6321	253	5216	0	0	5768	5694	-810	16674	0	16674	1511	18186	49.99
7	5947	869	267	7083	184	5837	0	3	6071	5902	-880	18129	0	18129	1738	19867	49.98
8	6002	1053	279	7334	103	6079	0	65	6147	6051	-700	18932	0	18932	1939	20871	49.95
9	6033	1013	277	7323	55	6120	0	311	6147	6189	-890	19108	0	19108	2207	21315	50.01
10	6024	987	275	7286	109	6152	0	586	6510	6438	-1008	19564	0	19564	2456	22020	49.99
11	6001	437	272	6710	215	6018	0	806	7139	6699	-1085	19363	0	19363	2593	21956	50.03
12	5995	237	260	6492	270	6006	0	945	7604	7771	-1201	20282	0	20282	2570	22852	50.01
13	5981	294	267	6542	405	5996	0	960	7170	7002	-1312	19593	0	19593	2495	22088	49.97
14	5926	204	257	6387	707	5804	0	952	7084	6499	-1190	19158	0	19158	2357	21516	50.02
15	5890	311	256	6457	764	5605	0	856	6770	6847	-1200	19329	0	19329	2359	21688	49.98
16	6018	213	267	6498	873	5640	0	630	6733	6465	-1190	18916	0	18916	2351	21266	50.00
17	5983	187	259	6429	686	5653	0	397	6140	6104	-1178	18091	0	18091	2337	20428	49.99
18	5978	192	269	6439	633	5615	0	120	5549	5373	-1156	17024	0	17024	2316	19340	50.00
19	5636	137	262	6035	787	5350	0	8	5261	5178	-1168	16190	0	16190	2313	18503	49.96
20	5493	307	274	6074	899	5374	0	0	5313	5152	-1166	16332	0	16332	2300	18632	50.00
21	5338	127	274	5739	904	5331	0	0	5249	4743	-1063	15654	0	15654	2183	17837	49.99
22	5125	132	276	5533	1012	4980	0	0	5314	4879	-945	15459	0	15459	2036	17495	50.02
23	5072	127	265	5464	963	4924	0	0	5203	5039	-935	15455	0	15455	1869	17324	50.01
24	5068	130	278	5476	1006	4872	0	0	5059	4876	-755	15474	0	15474	1689	17164	50.01
MUs	135.25	7.75	6.48	149.49	12.58	130.87	0.00	6.64	142.84	138.81	-23.34	415.03	0.00	415.03	48.73	463.76	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 06/Feb/2020

Position as on 6.30 Hrs of 07/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		Continued.	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		Continued.	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		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity Renevoation	
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	Koyana Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	
MSPGCL	Koyana Unit 4	70	02/02/2020	08.30		Continued.	Maintenance work	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 06/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 07/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	05/02/2020	17.53	06/02/2020	07.07	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/02/2020	11.56		Continued.	PO	Earth Wire Replacement Work. Disc Insulator Replacement By Long ROD.
Dhule Sar'Sarovar II	InterState	06/02/2020	11.56	06/02/2020	20.20	PO	PID Testing of 400kv DHL-SSNNL Line.
Khadka-Aurangabad (Waluj)	IntraState	05/02/2020	19.49	06/02/2020	06.42	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	06/02/2020	09.37	06/02/2020	15.13	PO	Relay Testing Oil Filtration of Reactor And Bay Maintenance Work.
New Koyna - Dabhol-I	IntraState	06/02/2020	10.37		Continued.	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
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 315MVA ICT2 @Lonikand	IntraState	06/02/2020	12.01	06/02/2020	13.28	PO	To Carryout 220kv CB CRM & Timing Test.
400/220 KV 300 MVA ICT- I @Koradi	IntraState	06/02/2020	13.19	06/02/2020	21.12	PO	Attending Oil Leakage
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.
Kharghar-Borivali ckt I	IntraState	06/02/2020	08.54	06/02/2020	14.35	PO	Diagnostic Testing & Maintenance Work.
Flagship-Nandedcity	IntraState	06/02/2020	10.00	06/02/2020	13.33	PO	Tan Delta Measurment of CTs
Theur- Magar Patta City	IntraState	06/02/2020	10.04	06/02/2020	15.53	PO	Half yearly maintenance work
Walchandnagar-Bhigwan	IntraState	06/02/2020	10.05	06/02/2020	18.50	PO	Diagnostic Testing Work.
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.
Lonand Sona Alloys	IntraState	06/02/2020	15.06	06/02/2020	20.55	PO	Replacement of Higher Tan Delta CTs, Quarterly Maintenance Work & Testing Work.
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 Bbl lct 2 @Waghala Nanded	IntraState	06/02/2020	11.54	06/02/2020	18.49	PO	B-Ph Bus Isolator Maintenance.

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