

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Feb/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.936	666.723	1) Gujrat	5.109	26.120
2) Hydro	3.979	46.299	2) Madhya Pradesh	12.879	59.329
3) Gas	5.680	28.681	3) Chattisgarh	4.690	22.970
Total MSPGCL	145.595	741.703	4) Maharashtra	125.520	591.290
B) 1) APLM	71.675	358.985	5) Goa (Amona)	-0.462	-2.574
2) JSWEL	22.747	115.567	Total	147.736	697.135
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.872	105.496
4) RPL(AMT)	21.763	87.126	b) Mumbai Drawl	24.110	118.258
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	32.312	149.665
6) Other IPP	15.961	78.549	Include PX	6.232	17.132
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.872	105.496
C) 1) TPCL Thermal	13.217	67.767	Include PX	6.438	30.292
2) TPCL Hydro	4.744	19.630	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.206	29.258	1) MSEDCL	415.482	2030.235
D) STATE			2) Mumbai Discoms	49.277	237.572
1) Thermal	288.505	1403.975	TOTAL STATE	464.759	2267.807
(A1+C1+C4+(B1-B6))					
2) Hydro	8.723	65.929			
(A2+C2)					
3) Gas	5.680	31.340			
(A3+B7+C3)					
4) Wind	7.654	38.323			
6) SOLAR	6.461	31.105			
TOTAL STATE	317.023	1570.672			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5826	5857	5548	5007
MSPGCL Hydro	253	182	285	79
MSPGCL Gas	260	265	261	204
MSPGCL Total Generation	6339	6304	6094	5290
Central Sector Receipt	7965	7542	5899	4702
WIND	229	236	151	503
CPP / IPP Thermal	6032	5889	5664	4584
CPP / IPP Gas	0	0	0	0
SOLAR	981	996	5	0
Exchange with Mumbai	-1490	-1311	-1427	-490
MSEDCL DEMAND MET	20056	19656	16386	14589
Load Shedding	0	0	0	0
MSEDCL DEMAND	20056	19656	16386	14589
TPCL GENERATION	860	982	762	496
AEML GENERATION	231	235	193	374
MUMBAI DEMAND	2581	2528	2382	1360
STATE DEMAND MET	22638	22184	18768	15949
STATE DEMAND	22638	22184	18768	15949
Frequency (Hz)	50.01	49.97	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06:02 Hrs	49.69 Hz at 09:05 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 05/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	9.21	54.59	431	365
Unit 9	11.09	54.07	540	370
Unit 10	10.88	57.43	490	415
Total	31.18	166.09		
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	5.20	24.25	250	190
Unit 7	5.26	26.38	249	187
Unit 8	5.34	13.35	250	197
Total	15.80	63.99		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	19.96	172	155
Unit 5	0.00	0.00	0	0
Unit 6	10.56	51.71	480	360
Unit 7	10.29	50.05	468	338
Unit 8	10.72	53.96	500	360
Unit 9	11.14	52.36	500	367
Total	46.70	228.04		
Paras				
Unit 3	5.10	25.00	240	186
Unit 4	5.46	26.75	258	196
Total	10.56	51.76		
Khaparkheda				
Unit 1	4.12	20.14	185	160
Unit 2	4.10	20.85	185	160
Unit 3	4.40	21.79	200	158
Unit 4	4.50	21.24	200	160
Unit 5	10.57	52.37	480	360
Total	27.68	136.39		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	4.02	8.24	210	136
Unit 5	0.00	0.00	0	0
Total	4.02	20.46		
Uran				
All Units	5.68	28.68	278	144
Total	5.68	28.68		
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)	0.13	2.91	35	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.91		
Koyna				
Stage 1-2	1.54	13.00	370	30
Stage 4	0.10	15.31	71	0
Stage 3	0.00	6.14	0	0
Total	1.64	34.44		
Hydro				
KDPH	0.06	0.10	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.42	2.40	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.58	80	0
RNGR+BHTSA	0.35	1.55	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	0.70	15	14
SMLHY_PTN	0.53	2.70	32	19
GHATGHAR	0.46	3.82	125	0
Total	2.34	11.86		
Wind				
Total	7.65	38.32	0	0
Total	7.65	38.32		
CPP				
APML(Mus)	71.68	358.98	0	0
JSWEL(Mus)	22.75	115.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.76	87.13	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.96	78.55	0	0
Total	132.15	640.23		
SOLAR				
Total	6.46	31.10	0	0
Total	6.46	31.10		
Tata				
Trombay 5	8.59	44.06	472	313
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	4.63	23.70	240	174
TATA Hydro	4.74	19.63	294	6
Total	17.96	90.06		
AEML				
DTPS U-1&2	7.21	29.26	502	192
Total	7.21	29.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.94	666.72	MSPGCL Total	145.60	741.70
			MSPGCL Thml+Gas	141.62	695.40	Koyna 1,2 & 4 Total	1.64	28.31
			MSPGCL Hydro	3.98	46.30	State Total	317.02	1570.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5447	79	166	5692	431	4897	0	0	5252	4943	-645	15318	0	15318	1580	16898	50.02
2	5083	79	184	5346	480	4749	0	0	5188	4817	-525	14867	0	14867	1461	16328	50.00
3	5003	94	211	5308	515	4588	0	0	5012	5054	-492	14972	0	14972	1397	16370	49.96
4	5007	79	204	5290	503	4584	0	0	5011	4702	-490	14589	0	14589	1360	15949	50.00
5	5213	78	263	5554	532	4769	0	0	5130	5313	-509	15659	0	15659	1379	17038	50.01
6	5702	83	276	6061	475	4992	0	0	5630	5774	-596	16706	0	16706	1510	18216	50.01
7	6128	78	268	6474	524	5641	0	4	6310	5886	-544	17985	0	17985	1736	19721	50.03
8	6130	192	278	6600	560	6000	0	67	6307	6145	-515	18857	0	18857	1938	20795	49.97
9	6053	262	275	6590	490	6141	0	306	6412	6518	-720	19325	0	19325	2185	21510	49.92
10	6022	280	275	6577	470	5988	0	617	6930	6988	-1224	19416	0	19416	2417	21833	49.92
11	5923	326	272	6521	305	5986	0	837	7480	7581	-1377	19853	0	19853	2547	22400	50.03
12	5826	253	260	6339	229	6032	0	981	8033	7965	-1490	20056	0	20056	2581	22638	50.01
13	5857	182	265	6304	236	5889	0	996	7761	7542	-1311	19656	0	19656	2528	22184	49.97
14	5830	196	179	6205	177	5678	0	892	7544	7778	-1371	19359	0	19359	2375	21734	50.02
15	5874	479	144	6497	227	5923	0	746	7494	7408	-1367	19434	0	19434	2389	21823	50.00
16	5922	134	154	6210	214	5982	0	560	7493	7245	-1184	19027	0	19027	2407	21434	50.00
17	5749	84	163	5996	240	5946	0	360	6767	7170	-1148	18564	0	18564	2403	20967	49.99
18	5739	89	220	6048	164	5934	0	90	6063	5918	-1229	16925	0	16925	2384	19309	50.00
19	5548	285	261	6094	151	5664	0	5	5711	5899	-1427	16386	0	16386	2382	18768	49.98
20	5708	160	274	6142	135	5871	0	0	5820	5526	-1445	16229	0	16229	2372	18601	50.01
21	5647	94	273	6014	98	5548	0	0	5497	5181	-1304	15537	0	15537	2247	17784	50.00
22	5696	107	264	6067	124	5256	0	0	5526	5347	-1190	15604	0	15604	2092	17696	50.00
23	5430	178	275	5883	198	5063	0	0	5527	5532	-1079	15597	0	15597	1898	17495	50.01
24	5399	108	276	5783	176	5025	0	0	5472	5504	-928	15560	0	15560	1709	17269	49.99
MUs	135.94	3.98	5.68	145.60	7.65	132.15	0.00	6.46	149.37	147.74	-24.11	415.48	0.00	415.48	49.28	464.76	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 05/Feb/2020

Position as on 6.30 Hrs of 06/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 A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	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	Koyna Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	
MSPGCL	Koyna 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.	
MSPGCL	Uran Unit 8	108	04/02/2020	20.06	05/02/2020	00.12	NG Contoller system Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 06/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/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	04/02/2020	11.44	05/02/2020	06.41	PO	Earth Wire Replacement.
Dhule Sar'Sarovar I	InterState	05/02/2020	17.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/02/2020	19.47	05/02/2020	06.31	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	05/02/2020	07.54	05/02/2020	17.59	PO	Replacement of Dis Insulator under LE scheme
Chandrapur-II - Nanded ckt I	IntraState	05/02/2020	08.38	05/02/2020	14.26	PO	PID Work shifting to auto reclose switch to non auto mode
Babhaleshwar - Padghe-I	IntraState	05/02/2020	08.50	05/02/2020	14.26	PO	Carrying PID Work
New Koyna - Dabhol-I	IntraState	05/02/2020	09.28	05/02/2020	19.20	PO	Routine Maintenance Work
Dhule - Ssnnl ii	IntraState	05/02/2020	11.52	05/02/2020	14.24	PO	PID Testing of 400kv DHL-SSNNL Line
Dhule - Ssnnl I	IntraState	05/02/2020	11.52	05/02/2020	14.24	PO	PID Testing of 400kv DHL-SSNNL Line
Khadka-Aurangabad (Waluj)	IntraState	05/02/2020	19.49		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, 500 MVA ICT-I @Khaparkheda	IntraState	05/02/2020	10.18	05/02/2020	18.35	PO	Diagnostic testing work
220 KV LINE Outages/Trippings							
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	05/02/2020	10.21	05/02/2020	18.27	PO	Dignostic Testing work
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.
Karad - Vita Ckt- I	IntraState	05/02/2020	09.26	05/02/2020	16.19	PO	PID Testing work
Karad - Vita Ckt- II	IntraState	05/02/2020	09.26	05/02/2020	16.19	PO	PID Testing work
Bapgaon - Kalwa	IntraState	05/02/2020	10.14	05/02/2020	16.22	PO	Dignostic Testing Work
Vita - Mhaishal	IntraState	05/02/2020	11.10	05/02/2020	15.58	PO	Relay Testing & Isolator Alignment work
Nagothane - ACCIL	IntraState	05/02/2020	11.42	05/02/2020	16.48	PO	Replacement of Damaged cross arm at loc no 521
Centuri Enka- Bhosari	IntraState	05/02/2020	12.10	05/02/2020	17.51	PO	CT Tan delta Measurment work
Lonand-Baramati	IntraState	05/02/2020	15.00	05/02/2020	17.19	PO	Quarterly Maintainance Work
220 KV ICT Outages/Trippings							
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	03/02/2020	02.25		Continued.	T	Differential protection

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