

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.503	3530.492	1) Gujrat	6.141	98.623
2) Hydro	12.487	256.884	2) Madhya Pradesh	13.752	318.138
3) Gas	10.101	213.145	3) Chattisgarh	7.090	116.610
Total MSPGCL	169.091	4000.521	4) Maharashtra	135.911	3109.792
B) 1) APLM	61.957	1782.278	5) Goa (Amona)	-0.616	-12.232
2) JSWEL	20.982	572.230	Total	162.278	3630.931
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.224	539.866
4) RPL(AMT)	5.998	222.136	b) Mumbai Drawl	25.749	613.025
5) WPCL	2.632	74.195	c) MSEDCL Bilateral *	37.329	740.954
6) Other IPP	16.202	402.007	Include PX	10.775	105.293
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.224	539.866
C) 1) TPCL Thermal	15.784	350.761	Include PX	10.578	204.343
2) TPCL Hydro	4.114	102.093	Standby	0.000	0.000
3) TPCL Gas	0.399	3.231	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.137	233.180	1) MSEDCL	436.937	10473.870
D) STATE			2) Mumbai Discoms	57.183	1302.292
1) Thermal	281.195	7167.279	TOTAL STATE	494.120	11776.162
(A1+C1+C4+(B1-B6))					
2) Hydro	16.601	358.977			
(A2+C2)					
3) Gas	10.500	216.376			
(A3+B7+C3)					
4) Wind	15.660	235.335			
6) SOLAR	7.886	167.262			
TOTAL STATE	331.842	8145.229			

* 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 3 Hrs
MSPGCL Thermal	6178	6239	6381	5718
MSPGCL Hydro	204	312	392	118
MSPGCL Gas	403	397	411	432
MSPGCL Total Generation	6784	6948	7184	6268
Central Sector Receipt	8806	8645	6248	5800
WIND	810	548	303	681
CPP / IPP Thermal	4479	4478	4552	4403
CPP / IPP Gas	0	0	0	0
SOLAR	1062	1084	0	0
Exchange with Mumbai	-1307	-1286	-1099	-869
MSEDCL DEMAND MET	20634	20418	17188	16284
Load Shedding	0	0	0	0
MSEDCL DEMAND	20634	20418	17188	16284
TPCL GENERATION	1101	1075	1083	491
AEML GENERATION	500	502	501	373
MUMBAI DEMAND	2908	2863	2683	1733
STATE DEMAND MET	23542	23280	19872	18016
STATE DEMAND	23542	23280	19872	18016
Frequency (Hz)	50.03	50.00	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.71 Hz at 21.08 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 25/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	7.18	250.42	352	213
Unit 9	10.61	276.37	558	340
Unit 10	9.62	238.00	465	319
Total	27.40	764.79		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	138.36	500	360
Unit 5	10.87	135.81	485	365
Total	21.54	274.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.08	123.95	250	120
Unit 7	5.59	103.83	249	203
Unit 8	0.00	113.64	0	0
Total	10.67	341.42		
Chandrapur				
Unit 3	4.46	46.67	190	175
Unit 4	4.16	99.22	175	165
Unit 5	0.00	0.00	0	0
Unit 6	11.09	237.15	480	364
Unit 7	10.80	238.95	473	365
Unit 8	11.07	268.18	496	430
Unit 9	11.71	265.81	500	455
Total	53.28	1155.99		
Paras				
Unit 3	5.63	130.37	238	225
Unit 4	6.05	96.69	260	250
Total	11.68	227.06		
Khaparkheda				
Unit 1	4.06	101.54	185	140
Unit 2	4.22	99.94	180	160
Unit 3	4.68	111.46	195	195
Unit 4	4.64	108.76	197	185
Unit 5	0.00	243.64	0	0
Total	17.60	665.34		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.34	76.46	197	158
Unit 5	0.00	0.00	0	0
Total	4.34	101.73		
Uran				
All Units	10.10	213.14	447	394
Total	10.10	213.14		
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)	0.12	5.82	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	5.82		
Koyna				
Stage 1-2	4.48	80.57	535	40
Stage 4	3.63	74.87	626	0
Stage 3	1.90	34.04	240	0
Total	10.00	189.48		
Hydro				
KDPH	0.44	8.91	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	11.34	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.18	4.64	80	0
RNGR+BHTSA	0.34	8.54	15	14
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.35	7.42	15	14
SMLHY_PTN	0.60	13.02	26	25
GHATGHAR	0.08	11.02	80	0
Total	2.48	67.40		
Wind				
Total	15.66	235.34	0	0
Total	15.66	235.34		
CPP				
APML(Mus)	61.96	1782.28	0	0
JSWEL(Mus)	20.98	572.23	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	6.00	222.14	0	0
WPCL(Mus)	2.63	74.20	0	0
Other(Mus)	16.20	402.01	0	0
Total	107.77	3052.85		
SOLAR				
Total	7.89	167.26	0	0
Total	7.89	167.26		
Tata				
Trombay 5	10.45	228.51	485	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.40	2.07	127	3
Trombay 7B	0.00	1.16	0	0
Trombay 8	5.34	122.25	243	172
TATA Hydro	4.11	102.09	375	2
Total	20.30	456.08		
AEML				
DTPS U-1&2	11.14	233.18	502	373
Total	11.14	233.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.50	3530.49	MSPGCL Total	169.09	4000.52
			MSPGCL Thml+Gas	156.60	3743.64	Koyna 1,2 & 4 Total	8.10	155.44
			MSPGCL Hydro	12.49	256.88	State Total	331.84	8145.23

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Feb/2020

Annexure-2

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	5966	138	432	6536	630	4511	0	0	6195	5839	-796	16720	0	16720	2019	18740	49.98
2	5896	118	443	6458	672	4421	0	0	6165	6048	-838	16760	0	16760	1843	18604	49.99
3	5718	118	432	6268	681	4403	0	0	5988	5800	-869	16284	0	16284	1733	18016	49.97
4	5769	262	421	6452	853	4408	0	0	5830	5468	-803	16378	0	16378	1672	18050	49.97
5	5941	152	442	6536	967	4400	0	0	5923	5517	-686	16734	0	16734	1675	18408	50.02
6	5974	318	434	6726	989	4493	0	0	6233	5822	-572	17458	0	17458	1787	19246	49.94
7	6007	1042	433	7482	1058	4496	0	3	6891	6618	-692	18966	0	18966	1953	20918	49.90
8	6014	1376	447	7838	992	4473	0	116	6968	6861	-751	19528	0	19528	2114	21642	49.97
9	6104	1120	432	7656	953	4491	0	430	7007	7048	-918	19660	0	19660	2377	22038	49.98
10	6057	890	414	7360	1107	4479	0	758	7380	7204	-1139	19770	0	19770	2657	22426	49.94
11	6149	464	429	7042	996	4573	0	941	8034	7751	-1270	20032	0	20032	2844	22876	50.03
12	6178	204	403	6784	810	4479	0	1062	8747	8806	-1307	20634	0	20634	2908	23542	50.03
13	6239	312	397	6948	548	4478	0	1084	8490	8645	-1286	20418	0	20418	2863	23280	50.00
14	6157	548	394	7098	353	4557	0	1078	8365	8311	-1268	20130	0	20130	2742	22872	50.04
15	6198	964	394	7556	265	4508	0	989	8344	8216	-1313	20222	0	20222	2800	23022	49.99
16	6279	1126	394	7798	224	4572	0	745	8285	8075	-1337	20078	0	20078	2846	22924	50.00
17	6306	1178	399	7882	171	4525	0	484	7541	7382	-1288	19156	0	19156	2850	22006	50.00
18	6286	918	401	7606	174	4540	0	188	6906	6848	-1270	18086	0	18086	2778	20864	49.98
19	6329	302	417	7048	183	4554	0	8	6339	6271	-1134	16930	0	16930	2711	19642	50.00
20	6381	392	411	7184	303	4552	0	0	6302	6248	-1099	17188	0	17188	2683	19872	50.01
21	6332	164	433	6928	521	4530	0	0	6172	5837	-1223	16594	0	16594	2551	19144	49.92
22	6306	142	424	6872	724	4501	0	0	5914	5725	-1358	16464	0	16464	2373	18838	49.96
23	5969	112	432	6514	731	4450	0	0	5931	6046	-1324	16416	0	16416	2260	18676	50.01
24	5948	122	443	6514	755	4377	0	0	5824	5892	-1208	16330	0	16330	2144	18474	49.96
MUs	146.50	12.49	10.10	169.09	15.66	107.77	0.00	7.89	165.77	162.28	-25.75	436.94	0.00	436.94	57.18	494.12	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 25/Feb/2020

Position as on 6.30 Hrs of 26/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
TPC-G	Trombay 7B	60	02/02/2020	00.16	25/02/2020	06.28	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	24/02/2020	22.25	26/02/2020	01.32	Annual Overhaul.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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 10.00 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 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00	26/02/2020	03.50	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Ghatghar Unit-2	125	18/02/2020	00.55		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	Adani U-2	660	22/02/2020	21.42		Continued.	On Bellow Leakage.	
MSPGCL	Uran Unit 8	108	23/02/2020	01.03		Continued.	Gas shortage	
IPP	JSW (J) U4	300	23/02/2020	07.59	25/02/2020	14.54	No Schedule	
MSPGCL	Khaparkheda Unit 5	500	24/02/2020	06.28		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	24/02/2020	22.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 26/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 I	InterState	24/02/2020	18.28	25/02/2020	05.52	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/02/2020	20.12	26/02/2020	06.01	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/02/2020	18.20	25/02/2020	07.09	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	25/02/2020	10.05	25/02/2020	17.58	PO	Isolator replacement work
Deepnagar Taptitanda	IntraState	25/02/2020	10.11	25/02/2020	18.02	PO	Quarterly Maintanance Work
Khadka-Aurangabad (Waluj)	IntraState	25/02/2020	19.19		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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule, Under Outage Replacement of Earth Wire,24.02.2020.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
EKLAHARE (OCR) Nasik Navsari II	InterState	25/02/2020	09.06	25/02/2020	15.30	PO	Replacement work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati SS.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Talandge(400)- Mudshingi 2 Line	IntraState	24/02/2020	09.02	25/02/2020	17.44	PO	Bus Section 2 & 3 Outage at Construction Work.
Talandge-Mudshingi Ckt-I	IntraState	25/02/2020	09.02	25/02/2020	17.44	PO	Making Cut point Loc no -2 132kv mudshingi-Bapat camp DC line
Miraj - Mhaishal	IntraState	25/02/2020	09.16	25/02/2020	17.52	PO	Chemical washing of Insulator
satara MIDC- Malharpeth	IntraState	25/02/2020	10.05	25/02/2020	16.50	PO	Relay Testing work
Karad - Sadawagpur I	IntraState	25/02/2020	10.20	25/02/2020	18.15	PO	Relay Testing work
Koradi-Butibori Rly Tss	IntraState	25/02/2020	11.03	25/02/2020	15.21	PO	Attending Hot Spot
Chinchwad-Hinjewadi I	IntraState	25/02/2020	11.12	25/02/2020	18.40	HT	220kv urse-chinchawad line overload
Wpcl-Warora 2	IntraState	25/02/2020	12.03	25/02/2020	13.09	PO	For Replacement Of ABT Meter Due To Time Drift.
Solapur(Bale) - Tuljapur	IntraState	25/02/2020	13.56	25/02/2020	16.35	PO	Relay Testing work
Pusad-Ghatodi	IntraState	25/02/2020	14.05	25/02/2020	19.15	HT	For Outage On Pusad Yeotmal CKT.
Virur - Virurlytss1	IntraState	25/02/2020	14.10	25/02/2020	16.35	PO	Isolator Maintenance Work.
Yeotmal- Pusad	IntraState	25/02/2020	14.12	25/02/2020	19.12	PO	Attending Oil Leakage

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