

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 13/Feb/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.869	1715.541	1) Gujrat	4.028	65.254
2) Hydro	9.873	125.510	2) Madhya Pradesh	13.242	165.009
3) Gas	9.957	99.982	3) Chattisgarh	4.840	61.860
Total MSPGCL	164.699	1941.033	4) Maharashtra	127.533	1520.583
B) 1) APMIL	73.340	924.102	5) Goa (Amona)	-0.726	-6.974
2) JSWEL	24.313	300.180	Total	148.917	1805.732
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.885	257.482
4) RPL(AMT)	0.000	171.950	b) Mumbai Drawl	26.656	299.980
5) WPCL	5.042	22.797	c) MSEDCL Bilateral *	30.237	365.260
6) Other IPP	16.428	208.793	Include PX	6.101	33.689
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.885	257.482
C) 1) TPCL Thermal	14.306	173.672	Include PX	9.412	78.457
2) TPCL Hydro	5.782	57.186	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.328	106.634	1) MSEDCL	418.685	5300.616
D) STATE			2) Mumbai Discoms	57.072	640.131
1) Thermal	288.626	3623.669	TOTAL STATE	475.757	5940.747
(A1+C1+C4+(B1-B6))					
2) Hydro	15.655	182.696			
(A2+C2)					
3) Gas	9.957	102.641			
(A3+B7+C3)					
4) Wind	5.609	146.453			
6) SOLAR	6.993	79.556			
TOTAL STATE	326.840	4135.015			

* 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	6281	6394	6346	5414
MSPGCL Hydro	689	418	153	106
MSPGCL Gas	407	405	414	425
MSPGCL Total Generation	7377	7217	6913	5945
Central Sector Receipt	7607	7619	5561	5138
WIND	231	239	228	290
CPP / IPP Thermal	5296	5270	5123	4380
CPP / IPP Gas	0	0	0	0
SOLAR	990	1033	0	0
Exchange with Mumbai	-1329	-1261	-1463	-772
MSEDCL DEMAND MET	20172	20117	16362	14981
Load Shedding	0	0	0	0
MSEDCL DEMAND	20172	20117	16362	14981
TPCL GENERATION	1144	1135	819	493
AEML GENERATION	500	500	371	372
MUMBAI DEMAND	2973	2896	2653	1637
STATE DEMAND MET	23145	23013	19015	16618
STATE DEMAND	23145	23013	19015	16618
Frequency (Hz)	50.02	50.04	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.04 Hrs	49.71 Hz at 06.12 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 13/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	10.50	131.84	540	350
Unit 9	11.56	146.38	572	385
Unit 10	10.84	140.27	502	355
Total	32.89	418.50		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.46	13.72	505	355
Unit 5	10.28	13.66	500	350
Total	20.75	27.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.42	64.11	250	192
Unit 7	0.00	56.43	0	0
Unit 8	5.51	55.86	250	200
Total	10.93	176.41		
Chandrapur				
Unit 3	0.36	0.36	61	0
Unit 4	3.99	51.97	173	160
Unit 5	0.00	0.00	0	0
Unit 6	10.38	133.23	480	360
Unit 7	10.02	126.89	470	330
Unit 8	10.70	138.00	480	360
Unit 9	10.63	134.60	490	370
Total	46.07	585.04		
Paras				
Unit 3	5.74	66.58	250	217
Unit 4	0.00	41.64	0	0
Total	5.74	108.22		
Khaparkheda				
Unit 1	3.95	52.18	180	150
Unit 2	4.21	53.58	185	160
Unit 3	4.32	56.63	200	158
Unit 4	4.23	54.77	190	160
Unit 5	9.94	131.45	495	360
Total	26.65	348.61		
Nasik				
Unit 3	0.81	13.03	163	0
Unit 4	1.02	38.34	165	0
Unit 5	0.00	0.00	0	0
Total	1.83	51.37		
Uran				
All Units	9.96	99.98	440	401
Total	9.96	99.98		
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)	0.33	4.27	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.33	4.27		
Koyna				
Stage 1-2	3.01	35.24	575	20
Stage 4	3.16	37.26	750	0
Stage 3	1.02	15.84	144	0
Total	7.20	88.35		
Hydro				
KDPH	0.46	4.36	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	5.90	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.23	2.39	80	0
RNGR+BHTSA	0.34	4.30	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	3.51	15	14
SMLHY_PTN	0.48	6.81	30	17
GHATGHAR	0.33	9.81	125	0
Total	2.68	37.16		
Wind				
Total	5.61	146.45	0	0
Total	5.61	146.45		
CPP				
APML(Mus)	73.34	924.10	0	0
JSWEL(Mus)	24.31	300.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	171.95	0	0
WPCL(Mus)	5.04	22.80	0	0
Other(Mus)	16.43	208.79	0	0
Total	119.12	1627.82		
SOLAR				
Total	6.99	79.56	0	0
Total	6.99	79.56		
Tata				
Trombay 5	9.35	112.33	479	312
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	4.95	61.34	242	175
TATA Hydro	5.78	57.19	454	0
Total	20.09	233.52		
AEML				
DTPS U-1&2	10.33	106.63	500	371
Total	10.33	106.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.87	1715.54	MSPGCL Total	164.70	1941.03
			MSPGCL Thml+Gas	154.83	1815.52	Koyna 1,2 & 4 Total	6.17	72.51
			MSPGCL Hydro	9.87	125.51	State Total	326.84	4135.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5622	116	414	6152	285	4408	0	0	5412	5352	-981	15216	0	15216	1921	17137	49.93
2	5495	106	414	6015	301	4425	0	0	5315	5251	-868	15124	0	15124	1775	16899	49.94
3	5432	111	425	5968	297	4403	0	0	5262	5263	-827	15104	0	15104	1691	16795	49.95
4	5414	106	425	5945	290	4380	0	0	5229	5138	-772	14981	0	14981	1637	16618	49.97
5	5697	182	426	6305	305	4390	0	0	5241	5443	-781	15662	0	15662	1654	17316	49.99
6	6224	212	415	6851	349	4717	0	0	5773	5743	-814	16846	0	16846	1773	18619	49.98
7	6153	471	430	7054	334	4967	0	4	6463	6315	-654	18020	0	18020	1972	19992	49.94
8	6099	1203	416	7718	281	5257	0	70	6505	6731	-847	19210	0	19210	2169	21379	49.99
9	6090	1466	422	7978	173	5338	0	326	6468	6706	-1016	19505	0	19505	2457	21962	50.00
10	6060	1164	409	7633	209	5346	0	609	6908	6946	-1157	19586	0	19586	2736	22322	50.01
11	6204	1159	410	7773	251	5277	0	841	7397	7058	-1265	19935	0	19935	2901	22836	50.01
12	6281	689	407	7377	231	5296	0	990	8056	7607	-1329	20172	0	20172	2973	23145	50.02
13	6394	418	405	7217	239	5270	0	1033	7764	7619	-1261	20117	0	20117	2896	23013	50.04
14	6441	230	405	7076	232	5238	0	990	7605	7571	-1370	19737	0	19737	2766	22503	50.04
15	6431	170	403	7004	225	5194	0	892	7589	7429	-1326	19418	0	19418	2795	22213	49.98
16	6342	225	401	6968	229	5188	0	676	7516	7304	-1158	19207	0	19207	2828	22035	49.95
17	6260	375	404	7039	195	5225	0	425	6743	6565	-1130	18319	0	18319	2800	21119	49.92
18	6258	356	420	7034	165	5240	0	132	6050	5798	-1136	17233	0	17233	2750	19983	49.93
19	6214	100	412	6726	204	5166	0	5	5919	5462	-1408	16155	0	16155	2686	18841	49.97
20	6346	153	414	6913	228	5123	0	0	5956	5561	-1463	16362	0	16362	2653	19015	49.96
21	5926	112	417	6455	170	4875	0	0	5556	5713	-1375	15838	0	15838	2507	18345	49.98
22	5849	304	440	6593	156	4758	0	0	5509	5422	-1269	15660	0	15660	2374	18034	49.98
23	5928	205	421	6554	124	4806	0	0	5559	5426	-1310	15600	0	15600	2242	17842	49.99
24	5709	240	402	6351	136	4836	0	0	5348	5494	-1139	15678	0	15678	2116	17794	49.98
MUs	144.87	9.87	9.96	164.70	5.61	119.12	0.00	6.99	151.14	148.92	-26.66	418.68	0.00	418.68	57.07	475.76	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 13/Feb/2020

Position as on 6.30 Hrs of 14/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		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
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 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	Chandrapur Unit 3	210	31/01/2020	23.59	13/02/2020	17.47	Boiler Validity	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20	13/02/2020	17.15	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	08/02/2020	21.29		Continued.	Due to hydrogen leakage.	
IPP	RPL(AMT) U-2	270	09/02/2020	00.30		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Uran Unit 8	108	09/02/2020	03.54		Continued.	Changeover.	
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	Parli Unit 7	250	11/02/2020	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 4	210	13/02/2020	06.20		Continued.	Drum level low	
MSPGCL	Koyna Unit 5	80	13/02/2020	09.25	13/02/2020	20.55	220KV Main Bus-II outage at pophali	
MSPGCL	Koyna Unit 6	80	13/02/2020	09.30	13/02/2020	21.00	220KV Main Bus-II outage at pophali	
MSPGCL	Koyna Unit 7	80	13/02/2020	09.35	13/02/2020	21.15	220KV Main Bus-II outage at pophali	
MSPGCL	Koyna Unit 8	80	13/02/2020	09.45	13/02/2020	21.40	220KV Main Bus-II outage at pophali	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Feb/2020

Position as on 6.30 Hrs of 14/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	14/02/2020	06.18		Continued.	CHP Coal Bunkering problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 14/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	12/02/2020	18.36	13/02/2020	06.04	HT	Over Voltage
Koradi Satpur	InterState	13/02/2020	11.10	13/02/2020	19.56	PO	Line work by PGCIL
Dhule Sar'Sarovar I	InterState	13/02/2020	12.08		Continued.	PO	Routine Maintenance Work(Tower collapsed at Loc.No. 297)
Lamboti - Solapur (PG)	InterState	13/02/2020	13.12	13/02/2020	15.09	PO	Tan Delta Measurement of Bushing and winding Reactor
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Khadka-Aurangabad (Waluj)	IntraState	12/02/2020	21.54	13/02/2020	06.12	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	13/02/2020	10.12	13/02/2020	18.26	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	13/02/2020	20.40	14/02/2020	05.59	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 Kv 500 MVA ICT-III @Kalwa	IntraState	14/02/2020	04.34		Continued.	PO	Painting 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)
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.
Bhosari 2 - Telco	IntraState	13/02/2020	06.20	13/02/2020	20.10	PO	Air Leakage from Y Phase Pole
Sadawaghapur Karad Ckt 2	IntraState	13/02/2020	09.35	13/02/2020	14.12	PO	Tan Delta Measurment of CTs
Pohali-Nerle	IntraState	13/02/2020	09.40	13/02/2020	21.50	PO	220KV Main Bus-II outage at pophali
Pophali - New Koyna	IntraState	13/02/2020	09.45	13/02/2020	21.25	PO	220KV Main Bus-II outage at pophali
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	13/02/2020	13.57	13/02/2020	15.37	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	13/02/2020	13.57	13/02/2020	14.40	T	Over Current Protection
Sahara-Urse	IntraState	13/02/2020	15.58	13/02/2020	17.11	PO	Half yearly maintenance work
Bhosari 2 - Telco	IntraState	13/02/2020	21.14	14/02/2020	04.45	EO	Air Leakage from Y Phase Pole
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	13/02/2020	09.10	13/02/2020	14.20	PO	CB overhauling work

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