

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Feb/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.292	1985.413	1) Gujrat	1.576	68.510
2) Hydro	14.721	153.218	2) Madhya Pradesh	13.196	191.286
3) Gas	9.756	118.986	3) Chattisgarh	4.810	71.660
Total MSPGCL	158.769	2257.617	4) Maharashtra	133.796	1789.630
B) 1) APML	76.890	1076.739	5) Goa (Amona)	-0.440	-8.008
2) JSWEL	24.458	348.559	Total	152.938	2113.078
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.824	304.239
4) RPL(AMT)	0.000	171.950	b) Mumbai Drawl	23.999	351.011
5) WPCL	5.041	32.882	c) MSEDCL Bilateral *	35.254	431.413
6) Other IPP	16.258	241.212	Include PX	9.172	48.691
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.824	304.239
C) 1) TPCL Thermal	15.188	203.382	Include PX	9.729	98.238
2) TPCL Hydro	3.315	65.704	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.898	128.015	1) MSEDCL	421.075	6139.131
D) STATE			2) Mumbai Discoms	53.400	750.771
1) Thermal	283.025	4188.152	TOTAL STATE	474.475	6889.902
(A1+C1+C4+(B1-B6))					
2) Hydro	18.036	218.922			
(A2+C2)					
3) Gas	9.756	121.645			
(A3+B7+C3)					
4) Wind	3.254	153.663			
6) SOLAR	7.466	94.442			
TOTAL STATE	321.537	4776.824			

* 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	5688	5725	5857	5451
MSPGCL Hydro	936	519	286	110
MSPGCL Gas	416	376	337	434
MSPGCL Total Generation	7040	6620	6480	5995
Central Sector Receipt	8067	7907	5781	5310
WIND	164	179	201	86
CPP / IPP Thermal	5273	5308	5207	4894
CPP / IPP Gas	0	0	0	0
SOLAR	1038	1074	0	0
Exchange with Mumbai	-1256	-1127	-1113	-807
MSEDCL DEMAND MET	20326	19961	16556	15478
Load Shedding	0	0	0	0
MSEDCL DEMAND	20326	19961	16556	15478
TPCL GENERATION	987	1032	860	490
AEML GENERATION	500	501	500	374
MUMBAI DEMAND	2743	2660	2473	1671
STATE DEMAND MET	23069	22621	19029	17149
STATE DEMAND	23069	22621	19029	17149
Frequency (Hz)	50.02	49.95	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 12.01 Hrs	49.82 Hz at 12.12 Hrs	50	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 15/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	11.21	153.21	597	370
Unit 9	10.26	165.63	470	380
Unit 10	0.00	142.14	0	0
Total	21.48	460.99		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.58	34.82	470	355
Unit 5	9.28	32.54	425	350
Total	19.87	67.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.43	74.54	248	187
Unit 7	0.00	56.43	0	0
Unit 8	5.76	66.91	250	192
Total	11.18	197.88		
Chandrapur				
Unit 3	1.12	5.12	178	0
Unit 4	3.72	59.42	168	123
Unit 5	0.00	0.00	0	0
Unit 6	10.48	153.93	475	370
Unit 7	8.38	143.96	400	310
Unit 8	11.37	159.87	500	448
Unit 9	10.70	156.75	475	428
Total	45.76	679.05		
Paras				
Unit 3	4.65	76.66	250	110
Unit 4	0.00	41.64	0	0
Total	4.65	118.30		
Khaparkheda				
Unit 1	4.26	60.53	185	160
Unit 2	2.46	57.44	185	0
Unit 3	4.72	65.89	200	190
Unit 4	4.67	64.10	195	190
Unit 5	11.01	154.15	490	430
Total	27.11	402.10		
Nasik				
Unit 3	4.24	21.39	196	158
Unit 4	0.00	38.34	0	0
Unit 5	0.00	0.00	0	0
Total	4.24	59.73		
Uran				
All Units	9.76	118.99	452	287
Total	9.76	118.99		
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)	0.16	4.63	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	4.63		
Koyna				
Stage 1-2	3.08	41.80	555	20
Stage 4	6.80	49.38	1015	0
Stage 3	2.09	19.78	320	0
Total	11.98	110.97		
Hydro				
KDPH	0.44	5.24	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	6.78	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.28	2.99	80	0
RNGR+BHTSA	0.36	5.02	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	4.22	15	14
SMLHY_PTN	0.48	7.76	30	17
GHATGHAR	0.35	10.16	125	0
Total	2.74	42.25		
Wind				
Total	3.25	153.66	0	0
Total	3.25	153.66		
CPP				
APML(Mus)	76.89	1076.74	0	0
JSWEL(Mus)	24.46	348.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	171.95	0	0
WPCL(Mus)	5.04	32.88	0	0
Other(Mus)	16.26	241.21	0	0
Total	122.65	1871.34		
SOLAR				
Total	7.47	94.44	0	0
Total	7.47	94.44		
Tata				
Trombay 5	9.98	131.83	477	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	5.21	71.55	243	174
TATA Hydro	3.32	65.70	321	0
Total	18.50	271.74		
AEML				
DTPS U-1&2	10.90	128.02	503	372
Total	10.90	128.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.29	1985.41	MSPGCL Total	158.77	2257.62
			MSPGCL Thml+Gas	144.05	2104.40	Koyna 1,2 & 4 Total	9.88	91.18
			MSPGCL Hydro	14.72	153.22	State Total	321.54	4776.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5445	190	421	6056	53	4916	0	0	5568	5571	-1062	15534	0	15534	1976	17510	49.94
2	5529	186	435	6150	102	4920	0	0	5577	5291	-975	15488	0	15488	1838	17326	50.01
3	5554	106	437	6097	74	4925	0	0	5510	5276	-876	15496	0	15496	1740	17236	50.02
4	5451	110	434	5995	86	4894	0	0	5485	5310	-807	15478	0	15478	1671	17149	50.03
5	5409	201	440	6050	126	4871	0	0	5578	5531	-773	15805	0	15805	1670	17475	50.00
6	5342	590	440	6372	152	4935	0	0	5850	5955	-570	16844	0	16844	1767	18611	49.97
7	5306	1520	452	7278	169	4982	0	8	6448	6189	-646	17980	0	17980	1878	19858	50.01
8	5267	1988	442	7697	156	5266	0	114	6441	6382	-682	18933	0	18933	1994	20927	50.01
9	5310	1769	438	7517	149	5306	0	387	6608	6399	-853	18905	0	18905	2216	21121	50.00
10	5468	1467	441	7376	171	5315	0	714	7042	7224	-1030	19770	0	19770	2491	22261	50.01
11	5568	1371	414	7353	172	5252	0	904	7568	7690	-1201	20170	0	20170	2677	22847	50.01
12	5688	936	416	7040	164	5273	0	1038	8251	8067	-1256	20326	0	20326	2743	23069	50.02
13	5725	519	376	6620	179	5308	0	1074	7990	7907	-1127	19961	0	19961	2660	22621	49.95
14	5825	519	393	6737	129	5221	0	1023	7827	7796	-1152	19754	0	19754	2532	22286	50.00
15	5817	520	396	6733	147	5266	0	940	7848	7874	-1056	19904	0	19904	2535	22439	50.00
16	5898	507	405	6810	114	5243	0	707	7850	7588	-1049	19413	0	19413	2520	21933	49.95
17	5882	686	407	6975	141	5244	0	422	6909	6787	-1117	18452	0	18452	2507	20959	49.97
18	5780	506	372	6658	156	5228	0	134	6178	6177	-1028	17325	0	17325	2453	19778	50.03
19	5811	96	287	6194	142	5230	0	1	5848	5807	-1036	16338	0	16338	2468	18806	49.98
20	5857	286	337	6480	201	5207	0	0	5838	5781	-1113	16556	0	16556	2473	19029	49.99
21	5542	143	358	6043	176	5069	0	0	5716	5662	-1220	15730	0	15730	2361	18091	50.00
22	5464	110	393	5967	127	4924	0	0	5446	5556	-1196	15378	0	15378	2219	17597	50.02
23	5583	195	410	6188	87	4881	0	0	5490	5785	-1113	15828	0	15828	2062	17890	49.99
24	5771	200	412	6383	81	4971	0	0	5505	5333	-1061	15707	0	15707	1949	17656	50.00
MUs	134.29	14.72	9.76	158.77	3.25	122.65	0.00	7.47	154.37	152.94	-24.00	421.08	0.00	421.08	53.40	474.48	50.00

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 15/Feb/2020

Position as on 6.30 Hrs of 16/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)	
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	16/02/2020	14.12	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	15/02/2020	18.39	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	16/02/2020	20.47	Drum level low	
MSPGCL	Koradi Unit 10	660	14/02/2020	06.18	16/02/2020	22.18	CHP Coal Bunkering problem	
MSPGCL	Khaparkheda Unit 2	210	14/02/2020	07.30	15/02/2020	08.37	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	15/02/2020	05.05	15/02/2020	19.33	Derator Leakage.	
MSPGCL	Koyna Unit 8	80	15/02/2020	09.05	15/02/2020	20.00	220KV Main Bus-II outage at Pophali	
MSPGCL	Koyna Unit 7	80	15/02/2020	09.15	15/02/2020	19.45	220KV Main Bus-II outage at Pophali	
MSPGCL	Koyna Unit 6	80	15/02/2020	09.25	15/02/2020	19.40	220KV Main Bus-II outage at Pophali	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Feb/2020

Position as on 6.30 Hrs of 16/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 5	80	15/02/2020	09.35	15/02/2020	19.30	220KV Main Bus-II outage at Pophali	
MSPGCL	Uran Unit 5	108	15/02/2020	17.45	16/02/2020	22.43	A1 Boiler Validity Renewal	
MSPGCL	Chandrapur Unit 7	500	16/02/2020	06.02	16/02/2020	12.50	High Drum Level	
MSPGCL	Uran Unit 8	108	16/02/2020	22:52		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 16/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	13/02/2020	12.08		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Chandrapur-Parali III	IntraState	14/02/2020	08.47	15/02/2020	07.08	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	14/02/2020	19.44	15/02/2020	07.17	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/02/2020	06.13	15/02/2020	08.06	PO	Removing of Cloth
Khadka-Aurangabad (Waluj)	IntraState	15/02/2020	17.29	16/02/2020	08.35	HT	Over Voltage
Girwali - Lonikand 1	IntraState	16/02/2020	09.31	16/02/2020	10.02	PO	Filtration Of 400Kv.50MVAR Line Reactor Will Be Carried Out From 10.02.2019 to 11.02.2019. Line Will Be charged Without Reactor at Girwali End On Date.10.022019.
Bus B @ Chandrapur	IntraState	16/02/2020	11.25	16/02/2020	14.07	PO	Busbar Protection Required out Of Service For Spare ICT Bay Integration To Existing busbar SyStem.
Solapur - Parli(PG) I	IntraState	16/02/2020	17.51	16/02/2020	19.12	HT	For taking in Line Reactor In Service.
Khadka-Aurangabad (Waluj)	IntraState	16/02/2020	20.02		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.(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	16/02/2020	12.11	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Pedhambe - Oni	IntraState	14/02/2020	13.22	15/02/2020	14.30	T	Over current, Earth fault protection, tripped at Pedambe end only.
Pophali - New Koyana	IntraState	15/02/2020	09.12	15/02/2020	19.20	PO	220KV bus section-2 @Pophali.
Pophali - Nerale	IntraState	15/02/2020	09.22	15/02/2020	20.10	PO	220KV bus section-2 @Pophali.
Pophali - Pedambe II	IntraState	15/02/2020	09.27	15/02/2020	22.15	PO	220KV bus section-2 @Pophali.
Trombay Salsette 1 Backbay	IntraState	15/02/2020	11.40	15/02/2020	21.10	PO	Closing loops at Sewri port.
Kadegaon-Miraj	IntraState	15/02/2020	12.50	16/02/2020	03.39	T	Distance Protection
Karad - Kadegaon	IntraState	15/02/2020	12.50	15/02/2020	13.19	T	Distance Protection
Bhosari 2 - Telco	IntraState	15/02/2020	16.42	15/02/2020	23.45	EO	Air leakage from Y phase pole.
Goregaon Versova Line 2	IntraState	15/02/2020	18.55	15/02/2020	19.07	PO	Outage is being availed for charging of new equipment i.e. GIBD bus-2. new Tata bay 1&2.
Kalwa Salsette III	IntraState	16/02/2020	08.32	16/02/2020	11.10	T	For Trial Tripping Of New Breaker At kalwa End.
Badnera-Akola I	IntraState	16/02/2020	09.32	16/02/2020	16.11	PO	For Stringing Of Span From LOC.No.07-08(On Lower Cross Arms Of M/C Towers
Badnera-Akola II	IntraState	16/02/2020	09.33	16/02/2020	16.12	PO	For Stringing Of Span From LOC.No.07-08(On Lower Cross Arms Of M/C Towers
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Main Bus-I@Versova	IntraState	16/02/2020	09.48	16/02/2020	12.20	PO	& 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati SS.
							installation Of adopter Module Between Old & New GIS Bus-1