

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.236	2272.358	1) Gujrat	2.555	73.169
2) Hydro	8.317	168.086	2) Madhya Pradesh	12.735	217.028
3) Gas	9.915	138.514	3) Chattisgarh	4.030	80.020
Total MSPGCL	169.468	2578.958	4) Maharashtra	127.096	2046.139
B) 1) APLM	74.043	1226.375	5) Goa (Amona)	-0.440	-8.756
2) JSWEL	24.046	395.934	Total	145.976	2407.600
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.980	343.841
4) RPL(AMT)	4.340	176.290	b) Mumbai Drawl	27.956	400.006
5) WPCL	5.046	42.970	c) MSEDCL Bilateral *	29.131	494.702
6) Other IPP	15.771	273.093	Include PX	3.391	60.251
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.980	343.841
C) 1) TPCL Thermal	14.289	231.731	Include PX	9.362	114.828
2) TPCL Hydro	4.627	71.932	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.486	148.768	1) MSEDCL	427.320	6980.667
D) STATE			2) Mumbai Discoms	57.358	855.096
1) Thermal	299.257	4767.519	TOTAL STATE	484.678	7835.763
(A1+C1+C4+(B1-B6))					
2) Hydro	12.944	240.018			
(A2+C2)					
3) Gas	9.915	141.173			
(A3+B7+C3)					
4) Wind	9.308	170.482			
6) SOLAR	7.278	108.971			
TOTAL STATE	338.702	5428.163			

* 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	6759	6731	6564	5475
MSPGCL Hydro	568	394	189	118
MSPGCL Gas	384	392	419	443
MSPGCL Total Generation	7711	7517	7172	6036
Central Sector Receipt	7424	7721	5589	5380
WIND	418	270	305	334
CPP / IPP Thermal	5498	5495	5268	4379
CPP / IPP Gas	0	0	0	0
SOLAR	931	1011	0	0
Exchange with Mumbai	-1317	-1446	-1427	-814
MSEDCL DEMAND MET	20665	20568	16907	15315
Load Shedding	0	0	0	0
MSEDCL DEMAND	20665	20568	16907	15315
TPCL GENERATION	1174	999	888	470
AEML GENERATION	501	501	374	374
MUMBAI DEMAND	2992	2946	2689	1658
STATE DEMAND MET	23657	23514	19596	16973
STATE DEMAND	23657	23514	19596	16973
Frequency (Hz)	49.97	49.99	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.72 Hz at 12.15 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 17/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	8.06	171.50	400	280
Unit 9	8.62	184.51	405	325
Unit 10	9.17	151.47	450	200
Total	25.86	507.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.25	55.20	490	360
Unit 5	10.20	52.67	500	350
Total	20.44	107.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	84.84	250	187
Unit 7	3.81	60.24	249	0
Unit 8	5.49	77.45	250	194
Total	14.50	222.53		
Chandrapur				
Unit 3	3.73	12.36	170	140
Unit 4	3.96	67.22	174	135
Unit 5	0.00	0.00	0	0
Unit 6	10.14	174.58	470	360
Unit 7	8.78	158.58	393	326
Unit 8	10.74	182.08	482	360
Unit 9	11.07	178.96	500	360
Total	48.42	773.78		
Paras				
Unit 3	4.50	86.81	200	170
Unit 4	5.89	48.92	255	223
Total	10.39	135.73		
Khaparkheda				
Unit 1	3.96	68.66	180	145
Unit 2	4.21	65.78	185	160
Unit 3	4.56	74.94	200	158
Unit 4	4.34	72.74	200	160
Unit 5	10.43	174.83	500	380
Total	27.50	456.96		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.12	42.73	204	143
Unit 5	0.00	0.00	0	0
Total	4.12	68.01		
Uran				
All Units	9.92	138.51	444	362
Total	9.92	138.51		
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)	0.15	4.89	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	4.89		
Koyna				
Stage 1-2	2.47	46.64	335	40
Stage 4	1.87	52.49	461	0
Stage 3	1.10	21.49	80	0
Total	5.45	120.61		
Hydro				
KDPH	0.44	6.13	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	7.44	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.08	3.17	43	0
RNGR+BHTSA	0.36	5.73	15	14
BHANDARDRA	0.25	0.25	27	0
ELDARY	0.36	4.93	15	14
SMLHY_PTN	0.54	8.81	33	20
GHATGHAR	0.36	10.93	125	0
Total	2.87	47.47		
Wind				
Total	9.31	170.48	0	0
Total	9.31	170.48		
CPP				
APML(Mus)	74.04	1226.38	0	0
JSWEL(Mus)	24.05	395.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.34	176.29	0	0
WPCL(Mus)	5.05	42.97	0	0
Other(Mus)	15.77	273.09	0	0
Total	123.25	2114.66		
SOLAR				
Total	7.28	108.97	0	0
Total	7.28	108.97		
Tata				
Trombay 5	9.31	150.38	479	294
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	4.98	81.36	243	172
TATA Hydro	4.63	71.93	459	0
Total	18.92	306.32		
AEML				
DTPS U-1&2	10.49	148.77	502	372
Total	10.49	148.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.24	2272.36	MSPGCL Total	169.47	2578.96
			MSPGCL Thml+Gas	161.15	2410.87	Koyna 1,2 & 4 Total	4.34	99.13
			MSPGCL Hydro	8.32	168.09	State Total	338.70	5428.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5518	244	362	6124	257	4460	0	0	5489	5564	-1011	15394	0	15394	1864	17258	49.99
2	5597	124	420	6141	277	4452	0	0	5562	5428	-891	15407	0	15407	1733	17140	50.02
3	5475	118	443	6036	334	4379	0	0	5642	5380	-814	15315	0	15315	1658	16973	50.04
4	5488	108	433	6029	335	4369	0	0	5493	5445	-763	15415	0	15415	1605	17020	50.03
5	5733	112	423	6268	458	4463	0	0	5485	5548	-763	15974	0	15974	1608	17582	49.98
6	6083	134	444	6661	664	4770	0	0	5625	5634	-888	16841	0	16841	1731	18572	50.01
7	6375	223	435	7033	804	5175	0	0	6037	5845	-778	18079	0	18079	1944	20023	50.02
8	6442	597	434	7473	720	5494	0	93	5855	5897	-780	18897	0	18897	2111	21008	50.00
9	6591	608	433	7632	506	5548	0	386	5993	6272	-963	19381	0	19381	2399	21780	50.02
10	6595	524	424	7543	583	5535	0	673	6409	6264	-1130	19468	0	19468	2702	22170	49.98
11	6641	467	402	7510	552	5484	0	899	6947	7098	-1263	20280	0	20280	2913	23193	49.99
12	6759	568	384	7711	418	5498	0	931	7605	7424	-1317	20665	0	20665	2992	23657	49.97
13	6731	394	392	7517	270	5495	0	1011	7589	7721	-1446	20568	0	20568	2946	23514	49.99
14	6766	319	378	7463	211	5490	0	1041	7364	7513	-1393	20325	0	20325	2859	23184	50.02
15	6688	583	391	7662	182	5477	0	905	7396	7296	-1407	20115	0	20115	2894	23009	49.98
16	6623	827	396	7846	156	5460	0	747	7253	7144	-1423	19930	0	19930	2919	22849	49.96
17	6634	859	398	7891	140	5502	0	443	6476	6406	-1410	18972	0	18972	2919	21891	50.00
18	6665	227	403	7295	199	5440	0	144	6069	6155	-1327	17906	0	17906	2809	20715	50.01
19	6611	221	406	7238	305	5304	0	5	5721	5334	-1459	16727	0	16727	2744	19471	50.02
20	6564	189	419	7172	305	5268	0	0	5667	5589	-1427	16907	0	16907	2689	19596	50.01
21	6149	140	420	6709	287	5131	0	0	5249	5193	-1375	15945	0	15945	2537	18482	50.02
22	6087	330	424	6841	286	4856	0	0	5252	5569	-1263	16289	0	16289	2374	18663	50.05
23	6181	254	414	6849	479	5015	0	0	5362	5271	-1383	16231	0	16231	2259	18490	49.96
24	6240	147	437	6824	580	5181	0	0	5265	4987	-1282	16290	0	16290	2149	18439	50.01
MUs	151.24	8.32	9.92	169.47	9.31	123.25	0.00	7.28	146.81	145.98	-27.96	427.32	0.00	427.32	57.36	484.68	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 17/Feb/2020

Position as on 6.30 Hrs of 18/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	
IPP	RPL(AMT) U-2	270	09/02/2020	00.30	17/02/2020	03.55	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	Parli Unit 7	250	11/02/2020	20.00	17/02/2020	03.12	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	16/02/2020	22:52		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 18/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)
Khadka-Aurangabad (Waluj)	IntraState	16/02/2020	20.02	17/02/2020	07.51	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	17/02/2020	10.03	17/02/2020	19.07	PO	Equipment and relay testing work(RGPPL WORK).
Khadka-Aurangabad (Waluj)	IntraState	17/02/2020	20.06		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.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	17/02/2020	09.28	17/02/2020	21.49	PO	C & Tan delta measurement of bushings & windings of all three units & IV CTs testing work.
400/220KV 315MVA ICT-II @Akola (M)	IntraState	17/02/2020	16.45	17/02/2020	18.29	EO	Top up of oil.
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)
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.
Wardha-Dhamangaon	IntraState	17/02/2020	08.44	17/02/2020	16.38	PO	Disc replacement and other Maintenance work
Talandge-Mudshingi Ckt-I	IntraState	17/02/2020	08.55		Continued.	PO	Erection & cut point at LOC no.2 & 3 of Bapat camp- Mudshingi line near Mudshingi S/Stn.
Talandge(400)- Mudshingi 2 Line	IntraState	17/02/2020	08.56		Continued.	PO	Erection & cut point at LOC no.2 & 3 of Bapat camp- Mudshingi line near Mudshingi S/Stn.
Osmanabad - Barshi	IntraState	17/02/2020	09.00	17/02/2020	10.13	PO	CB mechanism overhauling
220kv Halkarni- Tillary	IntraState	17/02/2020	09.06	17/02/2020	18.05	EO	Replacement of old suspension clamp & chemical cleaning of Insulator.
Eklahare (Gcr)(Nashik) - Airoli Know Park	IntraState	17/02/2020	10.34	17/02/2020	20.09	PO	Fixing of repair sleeve to damage conductor between loc no. 199 to 200.
Taptitanda-Jalna ckt II	IntraState	17/02/2020	11.02	17/02/2020	16.24	PO	Testing Work
Chandrapur GCR - Sicom I	IntraState	17/02/2020	11.15	17/02/2020	13.48	PO	Connection of 220KV Main Bus to 220KV GCR CKT-I Bus Isolator by connecting Jumper
Kalwa - Borivali	IntraState	17/02/2020	12.29	17/02/2020	19.03	PO	Testing Work
Raymond - Washala	IntraState	17/02/2020	14.15	17/02/2020	15.00	EO	Line breaker at Raymond end is in lock out.
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	17/02/2020	17.04	17/02/2020	18.33	EO	To attend Hot Spot
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
220 KV ICT Outages/Trippings							
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	17/02/2020	11.16	17/02/2020	16.06	PO	Relay replacement work
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	17/02/2020	12.07	17/02/2020	18.04	PO	Tan Delta testing of CTs and Bushings
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	17/02/2020	23.35		Continued.	EO	Attending Oil Leakage

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