

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Apr/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.310	2908.605	1) Gujrat	-0.126	20.530
2) Hydro	30.623	399.741	2) Madhya Pradesh	17.480	323.466
3) Gas	6.938	131.361	3) Chattisgarh	5.050	83.880
Total MSPGCL	184.871	3439.707	4) Maharashtra	126.274	2405.899
B) 1) APLM	54.280	1351.756	5) Goa (Amona)	-0.528	-10.054
2) JSWEL	21.581	464.877	Total	148.150	2823.721
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.486	581.337
4) RPL(AMT)	15.464	264.556	b) Mumbai Drawl	32.952	626.626
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.762	340.828
6) Other IPP	12.410	255.825	Include PX	0.039	-101.921
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.486	581.337
C) 1) TPCL Thermal	12.996	283.620	Include PX	19.105	410.664
2) TPCL Hydro	2.510	72.673	Standby	0.000	0.000
3) TPCL Gas	4.364	84.108	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.327	201.667	1) MSEDCL	425.230	8440.636
D) STATE			2) Mumbai Discoms	62.149	1268.701
1) Thermal	273.368	5730.906	TOTAL STATE	487.379	9709.337
(A1+C1+C4+(B1-B6))					
2) Hydro	33.133	472.414			
(A2+C2)					
3) Gas	11.302	215.469			
(A3+B7+C3)					
4) Wind	13.664	326.935			
6) SOLAR	7.762	139.885			
TOTAL STATE	339.229	6885.609			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6540	6336	5819	6152
MSPGCL Hydro	1501	1288	1349	1455
MSPGCL Gas	280	281	287	305
MSPGCL Total Generation	8321	7905	7455	7912
Central Sector Receipt	6764	6634	5691	5774
WIND	200	666	906	432
CPP / IPP Thermal	4406	4536	4752	3831
CPP / IPP Gas	0	0	0	0
SOLAR	1027	510	0	0
Exchange with Mumbai	-1696	-1698	-1491	-1026
MSEDCL DEMAND MET	19022	18553	17313	16923
Load Shedding	0	0	0	0
MSEDCL DEMAND	19022	18553	17313	16923
TPCL GENERATION	954	915	931	687
AEML GENERATION	373	372	373	373
MUMBAI DEMAND	3023	2985	2795	2086
STATE DEMAND MET	22045	21538	20108	19009
STATE DEMAND	22045	21538	20108	19009
Frequency (Hz)	50.00	49.97	49.99	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 17.30 Hrs	49.83 Hz at 22.31 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 20/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.22	78.45	170	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	143.82	0	0
Unit 9	11.62	68.20	660	384
Unit 10	12.22	199.60	635	448
Total	27.05	490.08		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.96	192.32	505	355
Unit 5	10.88	217.02	505	350
Total	21.84	409.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.17	101.56	248	195
Total	5.17	101.56		
Chandrapur				
Unit 3	4.55	86.38	196	163
Unit 4	3.94	84.89	177	137
Unit 5	9.72	196.17	416	375
Unit 6	0.00	0.00	0	0
Unit 7	10.37	208.43	448	370
Unit 8	11.30	213.86	480	458
Unit 9	11.25	217.98	481	455
Total	51.13	1007.70		
Paras				
Unit 3	5.70	116.91	251	189
Unit 4	5.90	113.40	250	236
Total	11.60	230.31		
Khaparkheda				
Unit 1	3.15	75.15	150	120
Unit 2	3.14	63.20	160	100
Unit 3	3.36	69.08	174	120
Unit 4	3.38	83.84	170	120
Unit 5	9.12	214.95	485	350
Total	22.14	506.22		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.22	60.85	208	160
Unit 5	4.16	76.44	205	158
Total	8.37	163.39		
Uran				
All Units	6.94	131.36	305	270
Total	6.94	131.36		
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)	0.03	2.08	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	2.08		
Koyna				
Stage 1-2	6.53	116.76	460	50
Stage 4	16.19	158.17	1000	270
Stage 3	5.13	60.45	320	80
Total	27.86	335.37		
Hydro				
KDPH	0.84	17.20	35	35
VTRNA	1.09	19.29	61	0
TILLARI	0.00	7.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	3.75	40	0
RNGR+BHTSA	0.27	5.59	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	7.78	18	17
GHATGHAR	0.00	2.64	0	0
Total	2.77	64.37		
Wind				
Total	13.66	326.94	0	0
Total	13.66	326.94		
CPP				
APML(Mus)	54.28	1351.76	0	0
JSWEL(Mus)	21.58	464.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.46	264.56	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.41	255.82	0	0
Total	103.74	2337.01		
SOLAR				
Total	7.76	139.88	0	0
Total	7.76	139.88		
Tata				
Trombay 5	8.09	181.88	473	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	53.22	116	115
Trombay 7B	1.58	30.88	67	65
Trombay 8	4.90	101.74	230	199
TATA Hydro	2.51	72.67	232	0
Total	19.87	440.40		
AEML				
DTPS U-1&2	9.33	201.67	502	371
Total	9.33	201.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.31	2908.60	MSPGCL Total	184.87	3439.71
			MSPGCL Thml+Gas	154.25	3039.97	Koyna 1,2 & 4 Total	22.72	274.93
			MSPGCL Hydro	30.62	399.74	State Total	339.23	6885.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Apr/2019

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	6041	1653	290	7984	793	3878	0	0	6024	6202	-1486	17371	0	17371	2549	19920	50.00
2	6141	1766	303	8210	748	3833	0	0	6115	5944	-1289	17446	0	17446	2356	19802	49.97
3	6193	1635	294	8122	494	3826	0	0	5863	5671	-1143	16970	0	16970	2202	19172	49.99
4	6152	1455	305	7912	432	3831	0	0	5797	5774	-1026	16923	0	16923	2086	19009	50.06
5	6158	1430	295	7883	307	3988	0	0	5846	5855	-982	17051	0	17051	2039	19090	50.00
6	6238	1586	305	8129	296	4073	0	23	6014	5843	-833	17531	0	17531	2074	19605	49.95
7	6277	1875	296	8448	343	4158	0	200	6381	6111	-702	18558	0	18558	2087	20645	50.00
8	6314	1089	295	7698	299	4146	0	455	6305	6319	-765	18152	0	18152	2150	20302	50.03
9	6318	1060	290	7668	241	3941	0	746	6318	6484	-1100	17980	0	17980	2342	20322	49.93
10	6474	1386	285	8145	219	4040	0	883	6465	6430	-1484	18233	0	18233	2643	20876	49.94
11	6629	1117	281	8027	189	4252	0	990	6635	6626	-1625	18459	0	18459	2918	21377	50.00
12	6540	1501	280	8321	200	4406	0	1027	6716	6764	-1696	19022	0	19022	3023	22045	50.00
13	6474	1208	281	7963	322	4533	0	977	6709	6398	-1680	18513	0	18513	2995	21508	50.04
14	6326	963	270	7559	454	4424	0	908	6680	6553	-1664	18234	0	18234	2899	21133	50.01
15	6076	1520	279	7875	557	4546	0	738	6537	6492	-1695	18513	0	18513	2962	21475	49.91
16	6336	1288	281	7905	666	4536	0	510	6609	6634	-1698	18553	0	18553	2985	21538	49.97
17	6309	1075	281	7665	729	4565	0	251	6563	6671	-1656	18225	0	18225	2940	21165	49.98
18	6097	1093	285	7475	767	4610	0	48	6482	6374	-1634	17640	0	17640	2863	20503	50.02
19	5817	624	286	6727	860	4558	0	6	6099	5869	-1528	16492	0	16492	2772	19264	50.00
20	5819	1349	287	7455	906	4752	0	0	5868	5691	-1491	17313	0	17313	2795	20108	49.99
21	5702	688	289	6679	1044	4701	0	0	5937	5889	-1462	16851	0	16851	2708	19559	49.99
22	5600	705	288	6593	1044	4710	0	0	5859	5877	-1399	16825	0	16825	2596	19421	49.99
23	5592	1193	290	7075	936	4731	0	0	5933	5703	-1431	17014	0	17014	2573	19587	49.93
24	5687	1364	302	7353	818	4697	0	0	5972	5976	-1483	17361	0	17361	2592	19953	49.99
MUs	147.31	30.62	6.94	184.87	13.66	103.74	0.00	7.76	149.73	148.15	-32.95	425.23	0.00	425.23	62.15	487.38	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 20/Apr/2019

Position as on 6.30 Hrs of 21/Apr/2019

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	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero 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	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
IPP	Adani U-4	660	17/04/2019	00.16	20/04/2019	10.04	APH-A hot PA Bellow leakage	
MSPGCL	Koradi Unit-8	660	17/04/2019	16.55		Continued.	Less coal receipt & suspected boiler water wall tube leakage.	
IPP	Adani U-5	660	18/04/2019	00.22	21/04/2019	11.11	Drain line leakage.	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	20/04/2019	21.06		Continued.	To Attend Leakages On Turbine And Boiler Side.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 21/Apr/2019

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	10/04/2019	17.54		Continued.	HT	Over Voltage
Wardha (Pg) Warora I	InterState	21/04/2019	09.01	21/04/2019	18.20	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	19/04/2019	18.04	20/04/2019	06.28	HT	Over Voltage
Deepnagar Taptitanda	IntraState	20/04/2019	06.30	20/04/2019	19.21	PO	Replacement Of Conductor.
Kala Kudus Ckt-I	IntraState	20/04/2019	07.59	20/04/2019	21.15	PO	Replacement Of Flash over Insulators.
Kala Kudus Ckt-II	IntraState	20/04/2019	07.59	20/04/2019	21.14	PO	Replacement Of Flash over Insulators.
Khadka-Aurangabad (Waluj)	IntraState	20/04/2019	17.35		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 -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet 86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Solapur(Bale) - Tuljapur	IntraState	19/04/2019	07.20		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Resrtringing Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Osmanabad - Solapur (Bale)	IntraState	19/04/2019	07.22		Continued.	PO	Erection Of Line Tower At Loc.No.36B & Restrtringing Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Oni Kharepatan Line	IntraState	20/04/2019	08.10	20/04/2019	09.00	EO	To Attend The Red Hot In Y-PH CB Palm (70 deg).
Gadchandur - Virur-I	IntraState	20/04/2019	08.32	20/04/2019	13.30	PO	Conductor Crimping Work.
Pophali - Pedambe II	IntraState	20/04/2019	09.15	20/04/2019	12.40	PO	Replacement Of Insulator String At Loc No.17B.
Pusad-Ghatodi	IntraState	20/04/2019	09.16	20/04/2019	20.08	HT	For Outage On 220Kv Pusad-Wardha(PG).
Pusad - Hingoli	IntraState	20/04/2019	09.20	20/04/2019	20.12	HT	For Outage On 220Kv Pusad-Wardha(PG).
Pusad-WardhaPG(Deoli)	IntraState	20/04/2019	09.22	20/04/2019	20.01	PO	Routine Maintenance Work
Kandalgaon - Sona Alloys	IntraState	20/04/2019	09.45	20/04/2019	19.15	PO	Cold Line Cleaning Of Insulators
Akola-Paras Ckt No-li	IntraState	20/04/2019	10.42	20/04/2019	18.04	PO	Testing Work & Bay Routine Maintenance Work.
Uran - Apta IV	IntraState	20/04/2019	10.45	20/04/2019	15.51	EO	Earth Wire Replacement.
Uran - Apta III	IntraState	20/04/2019	10.46	20/04/2019	15.52	EO	Earth Wire Replacement.

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 20/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 21/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Devgaon - Rangari	IntraState	20/04/2019	11.03	20/04/2019	13.31	PO	Tightening Of Arcing Horn Nut Bolt At Loc No58 Line Signature Test.
Arey - TPC Borivali	IntraState	21/04/2019	00.12		Continued.	PO	Metro Work
Parli New Tps - Beed Ckt 2	IntraState	21/04/2019	05.00	21/04/2019	19.42	PO	Construction Work
Parli New Tps - Beed Ckt 1	IntraState	21/04/2019	05.00		Continued.	PO	Construction Work
Salsette - Sahara	IntraState	21/04/2019	09.00	21/04/2019	18.31	PO	Shifting of OPGW
Kandalgaon - Sona Alloys	IntraState	21/04/2019	09.33	21/04/2019	18.55	PO	Cold Line cleaning of Insulators
Trombay MSETCL Tie 2	IntraState	21/04/2019	15.05	21/04/2019	17.40	PO	CT Leakage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
200MVA ICT VI @ Nasik GCR	IntraState	20/04/2019	10.40	20/04/2019	19.42	PO	Structure & Isolator Replacement Work.
220/22 Kv 50 Mva Areva Ptr 4 @Colourchem	IntraState	20/04/2019	18.57	20/04/2019	21.30	PO	Crow Fault At LV Side Load Affected 30MW.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Pusad-Jambazar	IntraState	20/04/2019	09.11	20/04/2019	20.15	HT	For Outage On 220Kv Pusad-Wardha(PG).

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