

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	69.198	222.223	1) Gujrat	3.859	12.626
2) Hydro	11.311	25.204	2) Madhya Pradesh	6.017	14.187
3) Gas	11.673	34.333	3) Chattisgarh	8.220	22.080
Total MSPGCL	92.182	281.760	4) Maharashtra	107.969	325.075
B) 1) APMIL	76.933	216.180	5) Goa (Amona)	-0.066	-1.320
2) JSWEL	19.338	60.730	Total	125.999	372.648
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.230	73.648
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.307	84.243
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	21.189	55.638
6) Other IPP	8.611	24.457	Include PX	-2.363	-7.900
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.230	73.648
C) 1) TPCL Thermal	13.885	39.221	Include PX	6.357	24.658
2) TPCL Hydro	1.416	9.308	Standby	0.000	0.000
3) TPCL Gas	4.194	12.561	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.622	27.839	1) MSEDCL	307.699	914.387
D) STATE			2) Mumbai Discoms	52.424	173.172
1) Thermal	198.587	590.650	TOTAL STATE	360.123	1087.559
(A1+C1+C4+(B1-B6))					
2) Hydro	12.727	34.512			
(A2+C2)					
3) Gas	15.867	46.894			
(A3+B7+C3)					
4) Wind	1.958	30.348			
6) SOLAR	4.985	12.507			
TOTAL STATE	234.124	714.911			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3351	2568	2748	3113
MSPGCL Hydro	446	189	1202	64
MSPGCL Gas	511	486	529	435
MSPGCL Total Generation	4308	3243	4479	3612
Central Sector Receipt	5185	5637	6076	4250
WIND	83	149	65	26
CPP / IPP Thermal	4409	4328	4492	4461
CPP / IPP Gas	0	0	0	0
SOLAR	377	696	0	0
Exchange with Mumbai	-728	-1221	-855	-734
MSEDCL DEMAND MET	13634	12832	14257	11615
Load Shedding	0	0	0	0
MSEDCL DEMAND	13634	12832	14257	11615
TPCL GENERATION	825	717	1012	711
AEML GENERATION	498	374	498	457
MUMBAI DEMAND	2051	2312	2365	1902
STATE DEMAND MET	15685	15144	16622	13517
STATE DEMAND	15685	15144	16622	13517
Frequency (Hz)	49.99	50.02	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.01 Hrs	49.78 Hz at 09.24 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 03/Nov/2019

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	10.87	32.32	500	387
Unit 9	10.44	32.30	483	315
Unit 10	9.30	29.14	460	300
Total	30.61	93.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.74	27.46	465	350
Unit 5	10.24	28.20	495	350
Total	19.99	55.66		
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	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
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	10.42	28.71	490	360
Unit 9	5.09	23.08	480	0
Total	15.52	51.79		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	13.02	0	0
Total	0.00	13.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.08	3.08	162	38
Unit 5	0.00	4.91	0	0
Total	3.08	7.99		
Uran				
All Units	11.67	34.33	535	430
Total	11.67	34.33		
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)	0.76	2.54	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.76	2.54		
Koyna				
Stage 1-2	2.92	8.12	350	25
Stage 4	5.34	8.78	997	0
Stage 3	1.72	4.10	240	0
Total	9.98	20.99		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.24	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	0.84	80	0
RNGR+BHTSA	0.40	1.13	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	0.95	12	12
GHATGHAR	0.38	1.05	125	0
Total	1.33	4.21		
Wind				
Total	1.96	30.35	0	0
Total	1.96	30.35		
CPP				
APML(Mus)	76.93	216.18	0	0
JSWEL(Mus)	19.34	60.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.61	24.46	0	0
Total	104.88	301.37		
SOLAR				
Total	4.98	12.51	0	0
Total	4.98	12.51		
Tata				
Trombay 5	9.15	25.02	468	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	7.95	117	87
Trombay 7B	1.54	4.61	66	57
Trombay 8	4.74	14.20	199	195
TATA Hydro	1.42	9.31	248	0
Total	19.50	61.09		
AEML				
DTPS U-1&2	10.62	27.84	500	373
Total	10.62	27.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	69.20	222.22	MSPGCL Total	92.18	281.76
			MSPGCL Thml+Gas	80.87	256.56	Koyna 1,2 & 4 Total	8.26	16.89
			MSPGCL Hydro	11.31	25.20	State Total	234.12	714.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Nov/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	2913	59	430	3402	61	4425	0	0	5148	4949	-1094	11743	0	11743	2238	13981	49.95
2	2880	54	432	3366	45	4420	0	0	4781	4906	-1047	11690	0	11690	2087	13777	49.98
3	3076	174	441	3691	36	4439	0	0	4415	4457	-948	11675	0	11675	1984	13659	49.98
4	3113	64	435	3612	26	4461	0	0	4319	4250	-734	11615	0	11615	1902	13517	50.01
5	3082	59	433	3574	24	4446	0	0	4835	4677	-616	12105	0	12105	1878	13983	50.03
6	3160	175	434	3769	22	4433	0	0	4955	5016	-643	12597	0	12597	1905	14502	50.03
7	3285	645	448	4378	25	4436	0	11	5070	5092	-633	13309	0	13309	1915	15224	50.02
8	3303	898	484	4685	62	4399	0	154	5057	5108	-640	13768	0	13768	1935	15703	49.99
9	3351	446	511	4308	83	4409	0	377	5232	5185	-728	13634	0	13634	2051	15685	49.99
10	3201	139	527	3867	145	4402	0	623	5405	5446	-962	13521	0	13521	2147	15668	49.91
11	2957	222	506	3685	172	4346	0	709	5585	5514	-1143	13283	0	13283	2259	15542	49.99
12	2772	223	500	3495	161	4345	0	749	5685	5740	-1224	13266	0	13266	2325	15591	49.99
13	2568	189	486	3243	149	4328	0	696	5529	5637	-1221	12832	0	12832	2312	15144	50.02
14	2510	100	486	3096	131	4123	0	602	5476	5673	-1171	12454	0	12454	2260	14714	50.02
15	2650	397	478	3525	85	4211	0	472	5498	5578	-1173	12698	0	12698	2252	14950	50.04
16	2890	68	496	3454	137	4348	0	379	5560	5321	-1117	12522	0	12522	2228	14750	49.98
17	2821	154	494	3469	127	4360	0	190	5338	5362	-976	12532	0	12532	2196	14728	50.03
18	2809	676	509	3994	81	4394	0	23	5190	5236	-805	12923	0	12923	2207	15130	50.01
19	2748	1202	529	4479	65	4492	0	0	5039	6076	-855	14257	0	14257	2365	16622	49.99
20	2556	1442	518	4516	53	4379	0	0	5192	5893	-826	14015	0	14015	2417	16432	49.99
21	2492	1615	535	4642	54	4351	0	0	5183	5404	-911	13540	0	13540	2432	15972	50.00
22	2574	1243	516	4333	68	4337	0	0	5207	5122	-894	12966	0	12966	2414	15380	50.00
23	2709	762	515	3986	88	4318	0	0	5281	5166	-946	12612	0	12612	2365	14977	49.94
24	2778	305	530	3613	58	4280	0	0	5246	5191	-1000	12142	0	12142	2350	14492	50.01
MUs	69.20	11.31	11.67	92.18	1.96	104.88	0.00	4.98	124.23	126.00	-22.31	307.70	0.00	307.70	52.42	360.12	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 03/Nov/2019

Position as on 6.30 Hrs of 04/Nov/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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage. Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
FORCED OUTAGE								
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 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	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No 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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
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	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36		Continued.	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Khaparkheda Unit 4	210	22/10/2019	23.52		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 6	250	23/10/2019	03.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	25/10/2019	01.03	04/11/2019	06.24	Bus-1 LBB Operation (Converted into zero	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Nov/2019

Position as on 6.30 Hrs of 04/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							schedule 26.10.2019 at 00.23Hrs).	
MSPGCL	Chandrapur Unit 3	210	25/10/2019	01.03	04/11/2019	11.39	Bus-1 LBB Operation (Converted into zero schedule 26.10.2019 at 00.23Hrs).	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/10/2019	00.30	04/11/2019	18.11	Zero Schedule	
IPP	RPL(AMT) U-4	270	26/10/2019	08.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 6	500	26/10/2019	21.52	04/11/2019	02.05	Zero Schedule	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Koyna Unit 3	70	01/11/2019	07.55	03/11/2019	23.30	Injector No 1 Replacement	
MSPGCL	Koyna Unit 4	70	01/11/2019	08.05	04/11/2019	00.30	Injector No 1 Replacement	
MSPGCL	Khaparkheda Unit 5	500	02/11/2019	10.21	04/11/2019	18.05	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	02/11/2019	10.35		Continued.	Boiler Tube Leakage (Converted to Zero Schedule from 19.05Hrs DT.03-11-2019)	
MSPGCL	Uran Unit 8	108	02/11/2019	19.56	03/11/2019	06.42	Gas shortage	
MSPGCL	Chandrapur Unit 9	500	03/11/2019	11.25	03/11/2019	22.13	Roll Mill Aux Breaker Burst	
MSPGCL	Koyna STG-IV Unit-3	250	03/11/2019	17.28	03/11/2019	19.10	Numrical Protection Trip and Mechanical Overspeed	
MSPGCL	Koyna STG-IV Unit-2	250	03/11/2019	17.40	03/11/2019	19.40	Generator Protection operated	
MSPGCL	Uran Unit 8	108	04/11/2019	10.48	04/11/2019	18.04	EXCITAION FAILURE	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 04/Nov/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	19/10/2019	23.13	03/11/2019	10.30	HT	Over Voltage
Dhule Khandwa II	InterState	02/11/2019	13.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/11/2019	10.36		Continued.	HT	Over Voltage
Parli(MS)-Parli (PG) I	InterState	04/11/2019	16.09		Continued.	T	Y-phase LA Brust
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20	04/11/2019	11.34	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	25/10/2019	03.15	04/11/2019	07.04	T	Over Voltage
Chandrapur - Parli	IntraState	26/10/2019	05.58	04/11/2019	06.43	T	Distance Protection (RFC from 26.10.2019 23:14Hrs).
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/11/2019	18.06		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/11/2019	01.49	03/11/2019	10.02	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/11/2019	00.44	04/11/2019	08.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/11/2019	23.55		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 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.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	04/11/2019	10.50		Continued.	PO	Diagnostic Testing work
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	04/11/2019	17.25	04/11/2019	17.57	PO	Differential protection
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)
Ranjangaon-Lonikand	IntraState	31/10/2019	15.29		Continued.	PO	Tower jumps opened.
Trombay - Kalwa	IntraState	02/11/2019	20.24	04/11/2019	09.08	PO	Pilling Work.
Kharghar-Borivali ckt II	IntraState	03/11/2019	07.41	03/11/2019	16.30	T	Distance Protection
Padgha-Temghar-II	IntraState	03/11/2019	08.40	03/11/2019	13.22	EO	To attend Hot Spot
Trombay MSETCL Tie 1	IntraState	03/11/2019	08.51	03/11/2019	21.45	PO	Bus-I Outage at Trombay
Kalwa1- Airoli Knowledge Park	IntraState	03/11/2019	09.55	03/11/2019	13.38	EO	LA Replacement work
Mudshingi-Belewadi	IntraState	04/11/2019	10.08	04/11/2019	13.06	PO	Routine Maintenance Work
Mumewadi-Belewadi	IntraState	04/11/2019	14.09	04/11/2019	16.09	PO	Routine Maintenance Work
Trombay - Kalwa	IntraState	04/11/2019	20.28		Continued.	PO	Pilling work

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