

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.311	397.682	1) Gujrat	1.889	4.056
2) Hydro	5.959	15.172	2) Madhya Pradesh	8.469	22.145
3) Gas	6.599	19.910	3) Chattisgarh	6.450	19.690
Total MSPGCL	146.869	432.764	4) Maharashtra	122.416	367.852
B) 1) APMIL	64.216	190.526	5) Goa (Amona)	-1.344	-3.794
2) JSWEL	18.664	53.647	Total	137.880	409.949
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.035	75.486
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.925	77.315
5) WPCL	7.599	21.517	c) MSEDCL Bilateral *	29.338	86.354
6) Other IPP	11.586	32.255	Include PX	0.265	2.014
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.035	75.486
C) 1) TPCL Thermal	13.965	44.221	Include PX	17.086	49.931
2) TPCL Hydro	4.041	8.440	Standby	0.000	0.000
3) TPCL Gas	4.395	13.180	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.284	14.602	1) MSEDCL	381.012	1115.731
D) STATE			2) Mumbai Discoms	55.610	157.758
1) Thermal	255.625	754.450	TOTAL STATE	436.622	1273.489
(A1+C1+C4+(B1-B6))					
2) Hydro	10.000	23.612			
(A2+C2)					
3) Gas	10.994	33.090			
(A3+B7+C3)					
4) Wind	15.711	33.197			
6) SOLAR	6.412	19.191			
TOTAL STATE	298.742	863.540			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5873	5987	5923	4708
MSPGCL Hydro	173	162	752	55
MSPGCL Gas	278	267	279	282
MSPGCL Total Generation	6324	6416	6954	5045
Central Sector Receipt	6941	6326	5659	4888
WIND	611	526	356	910
CPP / IPP Thermal	4107	4136	4971	3745
CPP / IPP Gas	0	0	0	0
SOLAR	890	912	1	0
Exchange with Mumbai	-1283	-1366	-1215	-940
MSEDCL DEMAND MET	17590	16950	16726	13648
Load Shedding	0	0	0	0
MSEDCL DEMAND	17590	16950	16726	13648
TPCL GENERATION	1102	1109	1164	701
AEML GENERATION	249	248	249	144
MUMBAI DEMAND	2634	2723	2628	1785
STATE DEMAND MET	20224	19673	19354	15433
STATE DEMAND	20224	19673	19354	15433
Frequency (Hz)	50.02	50.03	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.01 Hrs	49.81 Hz at 06.12 Hrs	50.01	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/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	12.08	33.15	570	371
Unit 9	0.03	0.03	30	0
Unit 10	9.07	27.10	400	365
Total	21.18	60.28		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.65	28.50	490	280
Unit 5	9.92	29.17	495	280
Total	19.56	57.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	8.84	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.47	6.82	250	190
Total	5.47	15.67		
Chandrapur				
Unit 3	3.90	11.58	175	115
Unit 4	3.63	11.00	160	128
Unit 5	9.24	27.51	425	274
Unit 6	9.36	28.24	425	280
Unit 7	0.00	0.00	0	0
Unit 8	11.18	33.33	485	290
Unit 9	10.66	32.90	473	296
Total	47.97	144.56		
Paras				
Unit 3	5.86	17.13	252	235
Unit 4	5.46	16.34	253	130
Total	11.32	33.46		
Khaparkheda				
Unit 1	3.73	10.98	170	135
Unit 2	3.96	11.81	180	140
Unit 3	4.03	11.71	185	140
Unit 4	4.13	12.14	190	140
Unit 5	9.80	29.85	460	315
Total	25.64	76.50		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.16	9.54	144	119
Unit 5	0.00	0.00	0	0
Total	3.16	9.54		
Uran				
All Units	6.60	19.91	292	256
Total	6.60	19.91		
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)	0.08	0.32	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.32		
Koyna				
Stage 1-2	3.42	8.20	535	40
Stage 4	0.14	0.66	83	0
Stage 3	1.00	2.22	160	0
Total	4.57	11.09		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.42	40	0
RNGR+BHTSA	0.35	1.06	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.84	1.57	125	0
Total	1.39	4.08		
Wind				
Total	15.71	33.20	0	0
Total	15.71	33.20		
CPP				
APML(Mus)	64.22	190.53	0	0
JSWEL(Mus)	18.66	53.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.60	21.52	0	0
Other(Mus)	11.59	32.26	0	0
Total	102.06	297.94		
SOLAR				
Total	6.41	19.19	0	0
Total	6.41	19.19		
Tata				
Trombay 5	8.40	28.22	467	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	8.42	118	116
Trombay 7B	1.59	4.76	67	65
Trombay 8	5.56	16.00	234	231
TATA Hydro	4.04	8.44	439	0
Total	22.40	65.84		
AEML				
DTPS U-1&2	5.28	14.60	250	144
Total	5.28	14.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.31	397.68	MSPGCL Total	146.87	432.76
			MSPGCL Thml+Gas	140.91	417.59	Koyna 1,2 & 4 Total	3.57	8.87
			MSPGCL Hydro	5.96	15.17	State Total	298.74	863.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Nov/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	4347	242	271	4860	1003	3652	0	0	5187	5394	-1128	13781	0	13781	2157	15938	50.00
2	4657	110	291	5058	997	3717	0	0	5038	5032	-1065	13739	0	13739	1999	15738	50.02
3	4706	65	281	5052	901	3785	0	0	5017	4986	-1027	13697	0	13697	1867	15564	50.01
4	4708	55	282	5045	910	3745	0	0	4980	4888	-940	13648	0	13648	1785	15433	50.03
5	4944	60	282	5286	920	3773	0	0	5036	5334	-913	14400	0	14400	1757	16157	50.02
6	5819	65	292	6176	865	4064	0	0	5447	5420	-956	15569	0	15569	1799	17368	50.03
7	5981	310	282	6573	840	4403	0	11	5756	5730	-856	16701	0	16701	1834	18535	49.99
8	5960	395	283	6638	796	4877	0	175	5694	5902	-907	17481	0	17481	1950	19431	49.99
9	6014	230	281	6525	653	4876	0	476	6045	5938	-1088	17380	0	17380	2178	19558	50.00
10	5843	140	269	6252	612	4627	0	713	6524	6299	-1236	17267	0	17267	2455	19722	50.02
11	5873	173	278	6324	611	4107	0	890	6747	6941	-1283	17590	0	17590	2634	20224	50.02
12	5889	175	267	6331	497	4428	0	954	6760	6486	-1312	17384	0	17384	2724	20108	50.02
13	5987	162	267	6416	526	4136	0	912	6831	6326	-1366	16950	0	16950	2723	19673	50.03
14	5930	155	256	6341	594	3924	0	845	6535	6576	-1302	16978	0	16978	2638	19616	50.03
15	5909	225	256	6390	461	4071	0	716	6400	6559	-1346	16851	0	16851	2667	19518	50.01
16	5924	600	267	6791	415	4427	0	467	6220	6340	-1469	16971	0	16971	2680	19651	50.01
17	5920	675	267	6862	297	4713	0	215	6135	6146	-1397	16836	0	16836	2626	19462	49.96
18	5890	584	267	6741	287	4946	0	37	5740	5628	-1218	16421	0	16421	2592	19013	49.97
19	5923	752	279	6954	356	4971	0	1	5646	5659	-1215	16726	0	16726	2628	19354	50.02
20	5959	448	270	6677	435	4922	0	0	5678	5567	-1205	16396	0	16396	2596	18992	50.04
21	5934	155	279	6368	532	4388	0	0	5583	5207	-1234	15261	0	15261	2515	17776	49.99
22	5634	70	271	5975	670	3930	0	0	5394	5319	-1182	14712	0	14712	2325	17037	50.02
23	5368	59	290	5717	721	3805	0	0	5366	5251	-1187	14307	0	14307	2262	16569	50.02
24	5192	54	271	5517	812	3778	0	0	5326	4952	-1093	13966	0	13966	2219	16185	50.03
MUs	134.31	5.96	6.60	146.87	15.71	102.06	0.00	6.41	139.09	137.88	-27.93	381.01	0.00	381.01	55.61	436.62	50.01

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/2020

Position as on 6.30 Hrs of 04/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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 10.00 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 11.00Hrs DT. 13-12-2019)	
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	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	29/10/2020	02.15	03/11/2020	23.55	Boiler Tube Leakage	
AEML	AEML Unit 2	250	31/10/2020	18.47		Continued.	Milling system problems	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	02/11/2020	23.28		Continued.	Excess DM water consumption.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 03/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 04/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Tripping							
765/400KV 1500MVA ICT @ Akola-II	IntraState	03/11/2020	09.32	03/11/2020	17.51	PO	Bay maintenance activities.
765/400KV 500MVA SPARE ICT UNIT @ AURANGABAD (EKTUNI)	IntraState	03/11/2020	11.19	03/11/2020	19.14	PO	Diagnostic Testing & Routine Maintenance.
500 KV LINE Outages/Tripping							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
400 KV LINE Outages/Tripping							
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	31/10/2020	18.09	03/11/2020	08.44	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	03/11/2020	10.04	03/11/2020	20.05	PO	Line side equipment amp & line amp.
Dhule Sar'Sarovar I	InterState	03/11/2020	19.31		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	02/11/2020	19.40	03/11/2020	07.20	HT	Over Voltage
Padghe - Nagothane - II	IntraState	03/11/2020	08.15	03/11/2020	19.53	PO	Jumper tightening and cold washing work.
Khadka-Aurangabad (Waluj)	IntraState	03/11/2020	20.22		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	03/11/2020	21.28		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	01/11/2020	03.34		Continued.	T	Differential protection
400/220kv 315 Mva ICT II @Karad	IntraState	03/11/2020	09.49	03/11/2020	17.35	PO	Replacement of old WTI & OTI by new PT100 sensor WTI & OTI of 03 Nos of 105 MVA ICT's.
400/220KV 500MVA ICT 2@koradi 2	IntraState	03/11/2020	10.52	03/11/2020	17.27	PO	Tan delta measurement of CT at bay 201.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	03/11/2020	13.13	03/11/2020	20.40	PO	Testing Work
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Tillari Amona	InterState	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work

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 03/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 04/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
AHMEDNAGAR-BHOSE (BELWANI) CKT-II	IntraState	03/11/2020	10.11	03/11/2020	12.44	PO	Diagnostic testing
Uran - Kharghar I	IntraState	03/11/2020	10.15	03/11/2020	15.06	EO	Attending Hot Spot
Bhambori Amalner	IntraState	03/11/2020	10.32	03/11/2020	12.41	PO	For LSA Testing of Line.
Adlabs - Pedambe	IntraState	03/11/2020	11.00	03/11/2020	16.30	PO	Line Maintenance work
Koradi-Khaperkheda	IntraState	03/11/2020	11.11	03/11/2020	18.20	PO	Tan Delta & Capacitance Measurement Work
Khadka-Chalisgaon-1	IntraState	03/11/2020	11.51	03/11/2020	18.14	HT	To Facilitate Outage on 220 Khadka Deepnagar CKT.
Deepnagar Khadaka 1	IntraState	03/11/2020	12.07	03/11/2020	18.04	EO	To attend Hot Spot
Nerul-Trombay	IntraState	03/11/2020	12.35	03/11/2020	18.50	PO	Diagnostic Testing work
AHMEDNAGAR-BHOSE (BELWANI) CKT-I	IntraState	03/11/2020	12.47	03/11/2020	14.39	PO	Diagnostic testing
Pophali - New Koyna	IntraState	03/11/2020	13.17	03/11/2020	18.10	T	Distance Protection
Dhamangaon New- Tss -I	IntraState	03/11/2020	14.28	03/11/2020	16.30	PO	Metering panel Work.
Shivajinagar-Gangapur	IntraState	03/11/2020	15.05	03/11/2020	20.10	PO	Replacement Of Jumpers
Nanded - Parli Ext. Ckt I	IntraState	03/11/2020	18.05		Continued.	T	Distance Protection
Apta - Kalwa1	IntraState	03/11/2020	22.19	04/11/2020	07.07	PO	Providing Additional Jumper At Loc.No.0619 & 0620 In Multi Circuit tower.
Apta - Taloja	IntraState	03/11/2020	22.40	04/11/2020	06.47	PO	Providing Additional Jumper At Loc.No.0619 & 0620 In Multi Circuit tower.
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	03/11/2020	09.00	03/11/2020	16.05	PO	Diagnostic Testing Work
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	03/11/2020	09.44	03/11/2020	19.04	PO	Diagonastic Testing work.
220/100 Kv 200MVA ICT-I @Padghe	IntraState	03/11/2020	10.18		Continued.	PO	Testing Work
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	03/11/2020	14.07	03/11/2020	19.26	PO	For Diagnostic Testing
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	03/11/2020	14.13	03/11/2020	16.22	PO	Relay Testing Work.

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