

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Nov/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.001	153.025	1) Gujrat	5.271	8.767
2) Hydro	8.619	13.893	2) Madhya Pradesh	4.800	8.170
3) Gas	10.217	22.660	3) Chattisgarh	7.280	13.860
Total MSPGCL	92.837	189.578	4) Maharashtra	109.722	217.106
B) 1) APLM	72.173	139.247	5) Goa (Amona)	-0.594	-1.254
2) JSWEL	22.402	41.392	Total	126.479	246.649
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.990	51.418
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.092	61.936
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.644	34.449
6) Other IPP	8.269	15.846	Include PX	-5.569	-5.537
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.990	51.418
C) 1) TPCL Thermal	12.944	25.336	Include PX	8.466	18.301
2) TPCL Hydro	2.923	7.892	Standby	0.000	0.000
3) TPCL Gas	4.126	8.367	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.047	17.217	1) MSEDCL	305.267	606.688
D) STATE			2) Mumbai Discoms	58.132	120.748
1) Thermal	199.836	392.063	TOTAL STATE	363.399	727.436
(A1+C1+C4+(B1-B6))					
2) Hydro	11.542	21.785			
(A2+C2)					
3) Gas	14.343	31.027			
(A3+B7+C3)					
4) Wind	6.967	28.390			
6) SOLAR	4.232	7.522			
TOTAL STATE	236.920	480.787			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2921	3045	3094	3227
MSPGCL Hydro	388	471	1318	189
MSPGCL Gas	423	425	429	422
MSPGCL Total Generation	3732	3941	4841	3838
Central Sector Receipt	6583	5635	6084	3744
WIND	254	123	71	526
CPP / IPP Thermal	4153	4712	4802	3758
CPP / IPP Gas	0	0	0	0
SOLAR	483	31	1	0
Exchange with Mumbai	-1529	-1119	-1125	-886
MSEDCL DEMAND MET	13676	13323	14674	10980
Load Shedding	0	0	0	0
MSEDCL DEMAND	13676	13323	14674	10980
TPCL GENERATION	885	1080	1107	690
AEML GENERATION	374	469	497	374
MUMBAI DEMAND	2788	2668	2729	1950
STATE DEMAND MET	16464	15991	17403	12930
STATE DEMAND	16464	15991	17403	12930
Frequency (Hz)	49.97	50.01	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17.02 Hrs	49.76 Hz at 21.07 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 02/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	10.89	21.45	474	435
Unit 9	10.63	21.86	480	420
Unit 10	9.62	19.84	445	320
Total	31.14	63.15		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.16	17.72	420	350
Unit 5	9.39	17.96	455	350
Total	18.56	35.68		
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	9.54	18.28	460	355
Unit 9	9.46	18.00	483	340
Total	19.00	36.28		
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	3.92	13.02	430	0
Total	3.92	13.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	1.38	4.91	142	0
Total	1.38	4.91		
Uran				
All Units	10.22	22.66	498	409
Total	10.22	22.66		
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)	0.82	1.78	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.82	1.78		
Koyna				
Stage 1-2	2.98	5.19	355	30
Stage 4	2.94	3.44	725	0
Stage 3	1.32	2.38	240	0
Total	7.24	11.01		
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.	0.23	0.57	80	0
RNGR+BHTSA	0.39	0.74	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	0.67	14	12
GHATGHAR	0.45	0.68	125	0
Total	1.38	2.88		
Wind				
Total	6.97	28.39	0	0
Total	6.97	28.39		
CPP				
APML(Mus)	72.17	139.25	0	0
JSWEL(Mus)	22.40	41.39	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)	8.27	15.85	0	0
Total	102.84	196.48		
SOLAR				
Total	4.23	7.52	0	0
Total	4.23	7.52		
Tata				
Trombay 5	8.20	15.87	426	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	5.29	117	65
Trombay 7B	1.52	3.08	66	50
Trombay 8	4.74	9.46	200	195
TATA Hydro	2.92	7.89	330	0
Total	19.99	41.60		
AEML				
DTPS U-1&2	10.05	17.22	499	374
Total	10.05	17.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	74.00	153.02	MSPGCL Total	92.84	189.58
			MSPGCL Thml+Gas	84.22	175.68	Koyna 1,2 & 4 Total	5.92	8.63
			MSPGCL Hydro	8.62	13.89	State Total	236.92	480.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	3286	74	498	3858	757	3864	0	0	4165	4164	-1037	11606	0	11606	2181	13787	49.98
2	3288	204	416	3908	642	3766	0	0	3804	3850	-959	11207	0	11207	2044	13251	49.91
3	3227	189	422	3838	526	3758	0	0	3916	3744	-886	10980	0	10980	1950	12930	50.00
4	3199	60	413	3672	553	3741	0	0	3922	4003	-858	11111	0	11111	1876	12987	50.03
5	3189	239	414	3842	437	3739	0	0	4154	4279	-865	11432	0	11432	1836	13268	49.97
6	3178	74	429	3681	421	3985	0	0	4919	4958	-923	12122	0	12122	1892	14014	49.95
7	3386	140	428	3954	304	4405	0	11	5077	4936	-898	12712	0	12712	1944	14656	50.02
8	3477	285	430	4192	216	4585	0	106	5181	5230	-787	13542	0	13542	2052	15594	50.02
9	3488	139	430	4057	148	4560	0	324	5351	5445	-1068	13466	0	13466	2265	15731	49.98
10	3450	185	426	4061	187	4544	0	425	5642	5535	-1325	13427	0	13427	2548	15975	49.98
11	2921	388	423	3732	254	4153	0	483	6172	6583	-1529	13676	0	13676	2788	16464	49.97
12	2728	230	412	3370	338	4249	0	614	6409	5928	-1678	12821	0	12821	2888	15709	50.02
13	2700	182	417	3299	326	4134	0	569	6224	6053	-1691	12690	0	12690	2856	15546	49.90
14	2717	69	409	3195	362	3963	0	547	6058	6205	-1603	12669	0	12669	2741	15410	49.97
15	2705	219	419	3343	312	3756	0	522	5936	6065	-1619	12379	0	12379	2768	15147	50.02
16	2692	328	423	3443	258	3954	0	408	6085	6196	-1577	12682	0	12682	2780	15462	50.02
17	2929	154	413	3496	199	4449	0	191	5737	5710	-1359	12686	0	12686	2718	15404	50.05
18	3045	471	425	3941	123	4712	0	31	5507	5635	-1119	13323	0	13323	2668	15991	50.01
19	3094	1318	429	4841	71	4802	0	1	5446	6084	-1125	14674	0	14674	2729	17403	50.01
20	3141	1445	423	5009	70	4815	0	0	5289	5548	-1071	14371	0	14371	2693	17064	50.00
21	3133	1043	429	4605	116	4731	0	0	5207	5211	-1066	13597	0	13597	2623	16220	49.97
22	3096	826	428	4350	113	4750	0	0	5100	5057	-1017	13253	0	13253	2511	15764	49.95
23	2994	280	431	3705	104	4742	0	0	5132	5046	-1010	12587	0	12587	2415	15002	49.97
24	2938	77	430	3445	130	4687	0	0	5087	5014	-1022	12254	0	12254	2366	14620	49.97
MUs	74.00	8.62	10.22	92.84	6.97	102.84	0.00	4.23	125.52	126.48	-28.09	305.27	0.00	305.27	58.13	363.40	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 02/Nov/2019

Position as on 6.30 Hrs of 03/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
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	Nasik Unit 4	210	09/10/2019	23.59	02/11/2019	23.48	Zero schedule.	
MSPGCL	Khaparkhedha Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha 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	Khaparkhedha 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Nov/2019

Position as on 6.30 Hrs of 03/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	25/10/2019	01.03		Continued.	Bus-1 LBB Operation (Converted into zero schedule 26.10.2019 at 00.23Hrs).	
MSPGCL	Chandrapur Unit 3	210	25/10/2019	01.03		Continued.	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		Continued.	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		Continued.	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		Continued.	Injector No 1 Replacement	
MSPGCL	Uran Unit 8	108	02/11/2019	01.16	02/11/2019	18.35	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	02/11/2019	10.21		Continued.	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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 03/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	02/11/2019	16.14	02/11/2019	17.21	EO	Relay Testing Work.
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 I	InterState	21/10/2019	22.06	02/11/2019	09.40	HT	Over Voltage
Padgha Tarapur I	InterState	02/11/2019	03.38	02/11/2019	08.25	T	DT Recived At Padgha, Main Bus Protection Operated At Tarapur End.
Kolhapur Solapur (PG) II	InterState	02/11/2019	11.47	02/11/2019	13.01	T	During Transfer From TBC To Main. Taken On Main Bus.
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
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	25/10/2019	03.15		Continued.	T	Over Voltage
Chandrapur - Parli	IntraState	26/10/2019	05.58		Continued.	T	Distance Protection (RFC from 26.10.2019 23:14Hrs).
Khadka-Aurangabad (Waluj)	IntraState	26/10/2019	14.55	02/11/2019	11.28	HT	Over Voltage
karad -kolhapur-II	IntraState	26/10/2019	22.52	02/11/2019	11.05	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	02/11/2019	10.20	02/11/2019	18.01	HT	Rectification Of Transfer Bus On Waluj.
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
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.
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.
Nagothane-Wadkhal II	IntraState	01/11/2019	09.54	02/11/2019	01.57	PO	Routine Maintenance Work
Trombay - Kalwa	IntraState	01/11/2019	20.08	02/11/2019	14.11	PO	Pilling Work.
Karad - Vita Ckt- II	IntraState	02/11/2019	09.40	02/11/2019	12.32	PO	C And Tan Delta Testing Work.
Chinchwad-Hinjewadi I	IntraState	02/11/2019	09.40	02/11/2019	18.01	PO	To Control Line Loading For Bhosari Main Bus 1 outage.
Trombay-Salsette II	IntraState	02/11/2019	10.10	02/11/2019	16.10	PO	For 29 C God O/H.
Jejuri (400 Kv)- Baramati li	IntraState	02/11/2019	10.23	02/11/2019	17.36	PO	Jumper And Nut Bolt Tighting.
Karad - Vita Ckt- II	IntraState	02/11/2019	14.30	02/11/2019	16.26	PO	C Tan Delta Testing Work.
Parly-Parly Extn-I	IntraState	02/11/2019	14.40	02/11/2019	17.40	EO	Attending Hot Spot
Sonkhar - Trombay	IntraState	02/11/2019	15.37	02/11/2019	20.15	PO	Jumper Replacment Work.
Trombay - Kalwa	IntraState	02/11/2019	20.24		Continued.	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

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 02/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 03/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa1- Airoli Knowledge Park	IntraState	03/11/2019	09.55	03/11/2019	13.38	EO	LA Replacement work