

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Nov/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.521	2586.617	1) Gujrat	3.421	72.952
2) Hydro	9.293	199.207	2) Madhya Pradesh	8.515	198.903
3) Gas	8.143	199.079	3) Chattisgarh	6.900	151.650
Total MSPGCL	152.957	2984.903	4) Maharashtra	116.582	2596.590
B) 1) APLM	72.277	1617.845	5) Goa (Amona)	-0.264	-11.308
2) JSWEL	19.878	448.293	Total	135.154	3008.787
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.071	590.461
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	27.563	657.403
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.433	579.839
6) Other IPP	8.867	184.644	Include PX	0.032	-5.393
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.071	590.461
C) 1) TPCL Thermal	14.070	310.916	Include PX	6.434	188.582
2) TPCL Hydro	2.860	90.757	Standby	0.000	0.000
3) TPCL Gas	4.370	97.681	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.504	229.508	1) MSEDCL	375.124	7940.811
D) STATE			2) Mumbai Discoms	59.367	1386.260
1) Thermal	261.117	5427.800	TOTAL STATE	434.491	9327.071
(A1+C1+C4+(B1-B6))					
2) Hydro	12.153	289.964			
(A2+C2)					
3) Gas	12.513	296.760			
(A3+B7+C3)					
4) Wind	7.652	177.066			
6) SOLAR	5.902	126.699			
TOTAL STATE	299.337	6318.289			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5789	5686	5691	5267
MSPGCL Hydro	356	369	965	79
MSPGCL Gas	284	282	277	418
MSPGCL Total Generation	6429	6337	6933	5764
Central Sector Receipt	6520	6693	5862	4551
WIND	440	391	318	292
CPP / IPP Thermal	4393	4385	4449	3770
CPP / IPP Gas	0	0	0	0
SOLAR	833	917	1	0
Exchange with Mumbai	-1386	-1422	-1237	-864
MSEDCL DEMAND MET	17229	17301	16326	13513
Load Shedding	0	0	0	0
MSEDCL DEMAND	17229	17301	16326	13513
TPCL GENERATION	1017	958	1093	675
AEML GENERATION	499	501	498	373
MUMBAI DEMAND	2902	2881	2828	1912
STATE DEMAND MET	20131	20182	19154	15425
STATE DEMAND	20131	20182	19154	15425
Frequency (Hz)	50.02	50.00	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.02 Hrs	49.83 Hz at 19.18 Hrs	50.02	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 23/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	11.61	257.30	550	375
Unit 9	12.32	222.00	560	460
Unit 10	11.54	233.31	520	460
Total	35.48	712.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.77	215.05	480	345
Unit 5	9.68	217.11	460	340
Total	19.44	432.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.35	59.60	249	185
Unit 7	5.45	59.54	249	187
Unit 8	5.53	60.26	249	193
Total	16.33	179.40		
Chandrapur				
Unit 3	4.22	77.79	190	158
Unit 4	3.19	16.53	148	127
Unit 5	8.79	172.40	375	346
Unit 6	10.22	192.07	470	360
Unit 7	0.00	0.00	0	0
Unit 8	10.58	229.94	490	360
Unit 9	3.89	208.02	453	0
Total	40.90	896.75		
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	4.20	31.22	201	160
Unit 4	4.31	43.46	195	160
Unit 5	10.69	201.37	500	370
Total	19.20	276.06		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.17	21.00	190	155
Total	4.17	89.64		
Uran				
All Units	8.14	199.08	419	271
Total	8.14	199.08		
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)	0.17	6.14	41	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	6.14		
Koyna				
Stage 1-2	2.76	67.76	390	35
Stage 4	3.84	68.60	884	0
Stage 3	1.42	30.00	154	0
Total	8.01	166.35		
Hydro				
KDPH	0.00	1.01	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	6.46	80	0
RNGR+BHTSA	0.40	7.03	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.18	5.78	8	7
SMLHY_PTN	0.08	4.18	4	3
GHATGHAR	0.40	6.61	125	0
Total	1.28	32.86		
Wind				
Total	7.65	177.07	0	0
Total	7.65	177.07		
CPP				
APML(Mus)	72.28	1617.84	0	0
JSWEL(Mus)	19.88	448.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.87	184.64	0	0
Total	101.02	2300.76		
SOLAR				
Total	5.90	126.70	0	0
Total	5.90	126.70		
Tata				
Trombay 5	9.33	201.67	478	293
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	61.94	116	115
Trombay 7B	1.59	35.74	67	66
Trombay 8	4.74	109.25	199	196
TATA Hydro	2.86	90.76	299	0
Total	21.30	499.35		
AEML				
DTPS U-1&2	10.50	229.51	501	373
Total	10.50	229.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.52	2586.62	MSPGCL Total	152.96	2984.90
			MSPGCL Thml+Gas	143.66	2785.70	Koyna 1,2 & 4 Total	6.59	136.36
			MSPGCL Hydro	9.29	199.21	State Total	299.34	6318.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5255	104	417	5776	241	3786	0	0	4811	4901	-1252	13452	0	13452	2315	15767	50.00
2	5256	198	409	5863	256	3781	0	0	4658	4527	-1064	13363	0	13363	2129	15492	50.02
3	5265	64	399	5728	276	3784	0	0	4621	4665	-950	13503	0	13503	2004	15507	50.02
4	5267	79	418	5764	292	3770	0	0	4521	4551	-864	13513	0	13513	1912	15425	50.02
5	5363	158	399	5920	355	3825	0	0	4683	5048	-835	14313	0	14313	1884	16197	50.05
6	6195	98	419	6712	416	4136	0	0	5122	5006	-911	15359	0	15359	1956	17315	50.05
7	6353	345	411	7109	509	4364	0	10	5497	5279	-924	16347	0	16347	2024	18371	50.04
8	6428	398	409	7235	473	4386	0	128	5359	5613	-798	17037	0	17037	2122	19159	50.03
9	6389	229	418	7036	370	4364	0	380	5506	5640	-893	16897	0	16897	2321	19218	50.05
10	6204	264	394	6862	373	4377	0	607	5872	5890	-1063	17046	0	17046	2596	19642	50.02
11	5882	279	386	6547	448	4374	0	814	6179	6297	-1284	17196	0	17196	2822	20018	50.03
12	5789	356	284	6429	440	4393	0	833	6413	6520	-1386	17229	0	17229	2902	20131	50.02
13	5686	369	282	6337	391	4385	0	917	6529	6693	-1422	17301	0	17301	2881	20182	50.00
14	5712	176	281	6169	323	4371	0	824	6435	6442	-1308	16821	0	16821	2765	19586	50.03
15	5724	713	271	6708	295	4395	0	694	6445	6453	-1344	17201	0	17201	2801	20002	50.00
16	5638	1104	271	7013	215	4373	0	474	6412	6386	-1292	17169	0	17169	2813	19982	49.99
17	5625	1505	273	7403	149	4381	0	198	5870	5866	-1176	16821	0	16821	2797	19618	49.99
18	5605	1199	286	7090	213	4455	0	22	5625	5559	-1146	16193	0	16193	2759	18952	50.02
19	5691	965	277	6933	318	4449	0	1	5879	5862	-1237	16326	0	16326	2828	19154	50.03
20	5719	421	279	6419	328	4327	0	0	5674	5962	-1287	15749	0	15749	2764	18513	50.01
21	5258	81	290	5629	207	4297	0	0	5566	5632	-1335	14430	0	14430	2651	17081	49.98
22	5181	61	293	5535	180	4246	0	0	5480	5594	-1255	14300	0	14300	2520	16820	50.03
23	5098	61	283	5442	202	4095	0	0	5458	5486	-1233	13992	0	13992	2426	16418	50.00
24	4938	66	294	5298	382	3908	0	0	5479	5282	-1304	13566	0	13566	2375	15941	50.05
MUs	135.52	9.29	8.14	152.96	7.65	101.02	0.00	5.90	134.09	135.15	-27.56	375.12	0.00	375.12	59.37	434.49	50.02

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 23/Nov/2019

Position as on 6.30 Hrs of 24/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)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
MSPGCL	Uran Unit 5	108	23/11/2019	00.22		Continued.	For Air & Gas Filter Replacement Work.	
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 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	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	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
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	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Nov/2019

Position as on 6.30 Hrs of 24/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U3	300	10/11/2019	18.16	24/11/2019	21.08	Zero schedule.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	23/11/2019	10.00		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	23/11/2019	10.59		Continued.	NG Controller System Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 24/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	20/11/2019	18.09		Continued.	PO	Annual Maintenance & Diagnostic Testing Work.
Chandrapur - Padghe Hvdc Pole 1	IntraState	23/11/2019	08.18	23/11/2019	15.53	PO	De-Stringing of Old 220KV Chandrapur-Sicom Line.
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	18/11/2019	20.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/11/2019	19.45	23/11/2019	10.29	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/11/2019	22.07		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	23/11/2019	17.09	23/11/2019	23.00	PO	LA Replacement At Padghe.
Khadka-Aurangabad (Waluj)	IntraState	23/11/2019	19.29	24/11/2019	09.00	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	24/11/2019	09.47	24/11/2019	11.45	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	24/11/2019	17.18		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.
400/220KV 500MVA ICT-I @Nanded	IntraState	23/11/2019	09.59	23/11/2019	15.13	PO	NDR Coating Work.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/11/2019	09.15	24/11/2019	20.03	PO	Bay Maintenance Testing Work. BPH Neutral Bushing Gasket Replacement.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	24/11/2019	20.19	24/11/2019	20.30	HT	LV R-PH Isolator Hot Glow.
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)
Trombay MSETCL Tie 1	IntraState	22/11/2019	20.07	23/11/2019	06.59	PO	Strengthening Of RCC Beam Of 220Kv Bus Isolaator Structure (Tie-i) At Trombay side.
Trombay - Mulund	IntraState	22/11/2019	21.21	23/11/2019	06.56	PO	Strengthening Of RCC Beam Of 220Kv Bus Isolaator Structure (Tie-i) At Trombay side.
Nagothane-Wadkhal-I	IntraState	23/11/2019	08.09	23/11/2019	17.42	PO	Replacement of Dead End Insulator.
Bhira Dharavi 7	IntraState	23/11/2019	08.18	23/11/2019	20.19	PO	Closer Inspection.
Chandrapur GCR - Sicom I	IntraState	23/11/2019	08.31	23/11/2019	16.59	PO	De-Stringing Work Between Loc.No.13 To 21 (Old Line) In R/O Diversion of 220KV GCR-Sicom D/C Line Through Durgapur OCM.
Chandrapur GCR - Sicom II	IntraState	23/11/2019	08.39	23/11/2019	17.02	PO	De-Stringing Work Between Loc.No.13 To 21 (Old Line) In R/O Diversion of 220KV GCR-Sicom D/C Line Through Durgapur OCM.
Talandge-Hamidwada	IntraState	23/11/2019	09.23	23/11/2019	17.04	PO	Insulator Replacement Work
Chalishaon -Babhaleshwar	IntraState	23/11/2019	09.41	23/11/2019	18.20	PO	Quarterly Maintenance Work
Padghe - Kambha	IntraState	23/11/2019	10.01	24/11/2019	23.38	PO	CB Overhauling Work.
Phursungi-Serum	IntraState	23/11/2019	10.04	23/11/2019	15.15	PO	Measurement of IR Values of LA.
Adlabs - Pedambe	IntraState	23/11/2019	14.57	23/11/2019	21.15	T	Distance Protection
Badnera-Akola I	IntraState	23/11/2019	15.52	23/11/2019	17.20	EO	Pid Faulty Disc Replacement Work At Loc No.200 & Suspension Clamp Nut Bolt Tightening 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 23/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chandrapur GCR - Sicom I	IntraState	23/11/2019	22.10	23/11/2019	16.59	HT	Current Unbalance Observed.
Trombay Salsette 1 Backbay	IntraState	24/11/2019	08.00	24/11/2019	09.30	PO	Safety Purpose.
Bhira Dharavi 8	IntraState	24/11/2019	12.30	24/11/2019	20.30	PO	Line Maintenance work
Satana-Gangapur	IntraState	24/11/2019	13.03	24/11/2019	15.25	PO	R-Ph Coupling Capacitor Maintenance at Gangapur End.
Bhira Dharavi 7	IntraState	24/11/2019	20.02	24/11/2019	20.28	T	Distance Protection