

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Nov/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.556	2845.588	1) Gujrat	2.653	78.310
2) Hydro	11.297	220.224	2) Madhya Pradesh	10.175	217.680
3) Gas	10.112	216.077	3) Chattisgarh	7.790	166.610
Total MSPGCL	150.965	3281.889	4) Maharashtra	113.767	2822.168
B) 1) APLM	71.977	1761.336	5) Goa (Amona)	-0.462	-12.210
2) JSWEL	23.194	490.996	Total	133.923	3272.558
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.672	643.048
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	27.417	707.452
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.475	632.209
6) Other IPP	10.113	203.741	Include PX	0.026	-6.350
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.672	643.048
C) 1) TPCL Thermal	14.245	339.216	Include PX	6.738	199.534
2) TPCL Hydro	4.260	95.387	Standby	0.000	0.000
3) TPCL Gas	4.341	106.314	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.693	250.834	1) MSEDCL	378.902	8688.321
D) STATE			2) Mumbai Discoms	60.958	1499.200
1) Thermal	259.778	5941.688	TOTAL STATE	439.860	10187.521
(A1+C1+C4+(B1-B6))					
2) Hydro	15.557	315.611			
(A2+C2)					
3) Gas	14.453	322.391			
(A3+B7+C3)					
4) Wind	9.950	196.569			
6) SOLAR	6.197	138.707			
TOTAL STATE	305.935	6914.966			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5498	5648	5712	4935
MSPGCL Hydro	665	1341	675	55
MSPGCL Gas	421	415	426	434
MSPGCL Total Generation	6584	7404	6813	5424
Central Sector Receipt	6504	6292	5823	4505
WIND	419	209	380	347
CPP / IPP Thermal	4740	4727	4775	3794
CPP / IPP Gas	0	0	0	0
SOLAR	874	478	0	0
Exchange with Mumbai	-1415	-1253	-1219	-794
MSEDCL DEMAND MET	17706	17857	16572	13276
Load Shedding	0	0	0	0
MSEDCL DEMAND	17706	17857	16572	13276
TPCL GENERATION	1194	1240	1222	662
AEML GENERATION	499	499	500	373
MUMBAI DEMAND	3108	2992	2941	1829
STATE DEMAND MET	20814	20849	19513	15105
STATE DEMAND	20814	20849	19513	15105
Frequency (Hz)	50.03	49.92	50.05	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 00:01 Hrs	49.74 Hz at 14:15 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 25/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	13.47	282.74	625	460
Unit 9	12.94	247.76	600	460
Unit 10	12.26	257.73	550	460
Total	38.67	788.23		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.21	233.38	450	350
Unit 5	3.47	229.63	450	0
Total	12.68	463.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	70.03	250	185
Unit 7	5.45	70.33	249	187
Unit 8	5.48	71.14	250	192
Total	16.33	211.51		
Chandrapur				
Unit 3	4.06	85.97	180	155
Unit 4	3.79	23.86	167	150
Unit 5	8.66	189.88	370	337
Unit 6	10.07	212.14	470	360
Unit 7	0.00	0.00	0	0
Unit 8	9.83	249.53	450	360
Unit 9	2.52	210.54	362	0
Total	38.93	971.93		
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	4.12	39.19	195	160
Unit 4	4.21	51.79	195	160
Unit 5	10.42	221.96	500	360
Total	18.75	312.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.19	29.34	190	160
Total	4.19	97.98		
Uran				
All Units	10.11	216.08	444	321
Total	10.11	216.08		
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)	0.06	6.29	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	6.29		
Koyna				
Stage 1-2	3.68	74.89	440	30
Stage 4	4.74	76.88	750	0
Stage 3	1.90	33.37	240	0
Total	10.31	185.14		
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.	0.13	6.81	80	0
RNGR+BHTSA	0.40	7.82	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	5.96	0	0
SMLHY_PTN	0.08	4.32	4	3
GHATGHAR	0.38	7.36	125	0
Total	0.98	35.08		
Wind				
Total	9.95	196.57	0	0
Total	9.95	196.57		
CPP				
APML(Mus)	71.98	1761.34	0	0
JSWEL(Mus)	23.19	491.00	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)	10.11	203.74	0	0
Total	105.28	2506.05		
SOLAR				
Total	6.20	138.71	0	0
Total	6.20	138.71		
Tata				
Trombay 5	9.53	220.53	481	283
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	67.43	117	109
Trombay 7B	1.58	38.88	67	64
Trombay 8	4.71	118.68	199	193
TATA Hydro	4.26	95.39	411	0
Total	22.85	540.92		
AEML				
DTPS U-1&2	10.69	250.83	501	372
Total	10.69	250.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.56	2845.59	MSPGCL Total	150.96	3281.89
			MSPGCL Thml+Gas	139.67	3061.66	Koyna 1,2 & 4 Total	8.42	151.78
			MSPGCL Hydro	11.30	220.22	State Total	305.94	6914.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4924	160	321	5405	321	3810	0	0	4928	4964	-1147	13353	0	13353	2179	15532	50.04
2	4934	75	387	5396	329	3808	0	0	4762	4733	-988	13278	0	13278	2013	15291	50.02
3	4923	55	433	5411	328	3824	0	0	4538	4567	-873	13257	0	13257	1901	15158	50.05
4	4935	55	434	5424	347	3794	0	0	4521	4505	-794	13276	0	13276	1829	15105	50.04
5	5007	60	433	5500	413	3888	0	0	4765	4846	-771	13876	0	13876	1805	15681	50.03
6	5547	54	432	6033	503	4309	0	0	5133	5577	-862	15560	0	15560	1897	17457	50.04
7	5924	506	434	6864	591	4487	0	9	5367	5494	-824	16621	0	16621	2049	18670	50.01
8	5936	976	437	7349	603	4463	0	136	5300	5586	-842	17295	0	17295	2214	19509	50.03
9	5851	675	435	6961	524	4489	0	394	5456	6046	-988	17426	0	17426	2506	19932	50.03
10	5527	380	429	6336	529	4551	0	670	5726	6072	-1144	17014	0	17014	2822	19836	49.95
11	5549	274	425	6248	543	4705	0	876	5924	6428	-1318	17482	0	17482	3039	20521	49.98
12	5498	665	421	6584	419	4740	0	874	6224	6504	-1415	17706	0	17706	3108	20814	50.03
13	5489	592	418	6499	373	4726	0	917	6410	6680	-1517	17678	0	17678	3041	20719	49.98
14	5465	424	415	6304	321	4722	0	867	6272	6512	-1416	17310	0	17310	2932	20242	49.99
15	5498	1036	405	6939	262	4727	0	725	6273	6403	-1361	17695	0	17695	2984	20679	49.91
16	5648	1341	415	7404	209	4727	0	478	6159	6292	-1253	17857	0	17857	2992	20849	49.92
17	5684	1475	411	7570	196	4741	0	228	5724	5779	-1213	17301	0	17301	2969	20270	49.93
18	5722	910	422	7054	255	4752	0	23	5460	5527	-1171	16440	0	16440	2920	19360	50.02
19	5712	675	426	6813	380	4775	0	0	5634	5823	-1219	16572	0	16572	2941	19513	50.05
20	5692	345	428	6465	437	4717	0	0	5425	5200	-1167	15652	0	15652	2818	18470	50.03
21	5220	89	440	5749	490	4506	0	0	5201	5103	-1317	14531	0	14531	2687	17218	50.02
22	4967	205	433	5605	520	4135	0	0	5008	5281	-1255	14286	0	14286	2523	16809	50.03
23	4955	55	434	5444	511	3966	0	0	4974	5027	-1284	13664	0	13664	2443	16107	50.05
24	4949	215	444	5608	546	3922	0	0	4757	4974	-1278	13772	0	13772	2344	16116	50.02
MUs	129.56	11.30	10.11	150.97	9.95	105.28	0.00	6.20	129.94	133.92	-27.42	378.90	0.00	378.90	60.96	439.86	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 25/Nov/2019

Position as on 6.30 Hrs of 26/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	25/11/2019	00.04	For Air & Gas Filter Replacement Work.	
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 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	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 25/Nov/2019

Position as on 6.30 Hrs of 26/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	25/11/2019	14.36	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	23/11/2019	10.59		Continued.	NG Controller System Trip.	
MSPGCL	Bhusawal Unit 5	500	25/11/2019	08.49		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana Unit 3	70	25/11/2019	12.50		Continued.	Cooler Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	26/11/2019	10.56	26/11/2019	13.56	PO	Safety permit
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	20/11/2019	18.09	26/11/2019	20.37	PO	Annual Maintenance & Diagnostic Testing Work.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/11/2019	20.49		Continued.	T	High Pressure Tap Changer Problem.
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/11/2019	20.49		Continued.	T	High Pressure Tap Changer Problem.
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	25/11/2019	10.45	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/11/2019	17.35	26/11/2019	10.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/11/2019	18.25		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/11/2019	22.07	25/11/2019	10.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/11/2019	17.18	25/11/2019	07.49	HT	Over Voltage
Deepnagar Taptitanda	IntraState	25/11/2019	08.08	25/11/2019	19.36	PO	Faulty String Replacement work
N.Koyna-Karad -Ckt II	IntraState	25/11/2019	11.25	25/11/2019	16.21	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	25/11/2019	19.43	26/11/2019	07.13	HT	Over Voltage
Deepnagar Taptitanda	IntraState	26/11/2019	07.29	26/11/2019	17.02	PO	Faulty String replacement
Chandrapur-II - Nanded ckt II	IntraState	26/11/2019	18.55		Continued.	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	26/11/2019	20.28		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	26/11/2019	18.18	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220KV 500MVA ICT-II@Taptitanda	IntraState	25/11/2019	11.50	25/11/2019	18.05	PO	Replacement of R-phase Unit
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	26/11/2019	10.45	26/11/2019	18.56	PO	CT Replacement work
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)
EKLAHARE (OCR) Nasik Navsari II	InterState	26/11/2019	08.54	26/11/2019	19.13	PO	String Replacement work
PARLY (PG) - OLD GCR PARLI	InterState	26/11/2019	13.11	26/11/2019	15.17	EO	To attend Hot Spot
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj-Ichalkaranji I	IntraState	25/11/2019	08.28	25/11/2019	19.56	PO	Faulty String Replacement work
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	25/11/2019	09.06	25/11/2019	19.02	PO	Line Maintenance work
Oni Kharepatan Line	IntraState	25/11/2019	09.15	25/11/2019	14.35	PO	Routine Maintenance Work
Boisar-Viraj	IntraState	25/11/2019	09.41	25/11/2019	14.55	PO	Routine Maintenance Work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	25/11/2019	09.54	25/11/2019	19.24	PO	Routine Maintenance Work
Boisar Versova Line	IntraState	26/11/2019	08.37	26/11/2019	17.14	PO	Testing Work
Nagothane-Wadkhal-I	IntraState	26/11/2019	08.56	26/11/2019	16.43	PO	Line Maintenance work
karad - Dasgaon	IntraState	26/11/2019	09.46	26/11/2019	15.07	PO	Overhauling of Siemens make Breaker
Kharghar - Tss Panvel	IntraState	26/11/2019	11.48		Continued.	PO	Construction Work
Abhijeet-Wardha-Ii	IntraState	26/11/2019	12.00	26/11/2019	18.04	PO	Testing 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 25/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Topworth - Kharghar	IntraState	26/11/2019	12.11		Continued.	PO	Construction Work
Hingoli- Girawali	IntraState	26/11/2019	12.36	26/11/2019	15.55	PO	Line Maintenance work
Badnera-Akola li	IntraState	26/11/2019	15.36	26/11/2019	17.05	PO	Disc Replacement
Topworth - Panvel TSS	IntraState	26/11/2019	17.24	26/11/2019	17.25	PO	New Arrangement
220 KV ICT Outages/Trippings							
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	25/11/2019	09.50	25/11/2019	16.50	PO	Routine Maintenance Work
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	25/11/2019	09.50	25/11/2019	16.50	PO	Routine Maintenance Work
220/33kv 50mva Bbl Ptr 1 @Talandage 5 Star Midc,Kagal)	IntraState	25/11/2019	10.00	25/11/2019	15.20	PO	Routine Maintenance Work
220/33kv 100 MVA Transformer 4 @Aarey R/S	IntraState	26/11/2019	08.41		Continued.	PO	LV Bushing Replacement work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	26/11/2019	10.28	26/11/2019	19.05	PO	Routine Maintenance Work