

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.200	3430.079	1) Gujrat	2.579	21.842
2) Hydro	10.906	195.725	2) Madhya Pradesh	8.701	156.140
3) Gas	6.629	160.656	3) Chattisgarh	6.180	185.800
Total MSPGCL	158.735	3786.460	4) Maharashtra	133.367	3395.437
B) 1) APML	56.522	1551.936	5) Goa (Amona)	-1.193	-33.307
2) JSWEL	19.614	471.248	Total	149.634	3725.912
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.786	524.532
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.525	585.078
5) WPCL	7.547	193.246	c) MSEDCL Bilateral *	36.167	785.129
6) Other IPP	17.101	384.144	Include PX	7.111	44.935
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.786	524.532
C) 1) TPCL Thermal	14.048	364.888	Include PX	11.006	312.420
2) TPCL Hydro	2.322	72.299	Standby	0.000	0.000
3) TPCL Gas	3.201	104.787	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.810	219.199	1) MSEDCL	406.130	9989.989
D) STATE			2) Mumbai Discoms	51.906	1346.252
1) Thermal	265.842	6614.740	TOTAL STATE	458.036	11336.241
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.228	268.024			
3) Gas (A3+B7+C3)	9.830	265.443			
4) Wind	13.738	295.350			
6) SOLAR	5.764	166.771			
TOTAL STATE	308.402	7610.328			

* 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 3 Hrs
MSPGCL Thermal	6278	6260	6446	5076
MSPGCL Hydro	1576	823	203	110
MSPGCL Gas	269	257	270	283
MSPGCL Total Generation	8122	7340	6919	5470
Central Sector Receipt	7346	7165	6113	5181
WIND	245	352	335	869
CPP / IPP Thermal	4605	4598	4478	3726
CPP / IPP Gas	0	0	0	0
SOLAR	786	757	1	0
Exchange with Mumbai	-1062	-1098	-1014	-858
MSEDCL DEMAND MET	20042	19114	16832	14388
Load Shedding	0	0	0	0
MSEDCL DEMAND	20042	19114	16832	14388
TPCL GENERATION	980	962	1144	550
AEML GENERATION	500	498	349	281
MUMBAI DEMAND	2542	2558	2507	1689
STATE DEMAND MET	22584	21672	19339	16076
STATE DEMAND	22584	21672	19339	16076
Frequency (Hz)	49.99	49.99	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06:20 Hrs	49.76 Hz at 16:20 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 26/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	11.98	298.14	578	370
Unit 9	11.48	260.35	545	375
Unit 10	0.00	71.95	0	0
Total	23.46	630.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.30	246.66	470	280
Unit 5	9.42	225.51	495	275
Total	18.72	472.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.08	21.55	247	172
Unit 7	5.06	12.51	249	176
Unit 8	5.26	128.35	250	182
Total	15.39	162.41		
Chandrapur				
Unit 3	3.73	99.08	175	123
Unit 4	3.54	93.69	158	130
Unit 5	8.99	240.50	435	275
Unit 6	8.68	240.23	420	280
Unit 7	0.00	0.00	0	0
Unit 8	10.83	247.86	486	300
Unit 9	10.94	287.53	489	282
Total	46.71	1208.89		
Paras				
Unit 3	4.43	121.46	233	115
Unit 4	4.74	127.38	226	171
Total	9.17	248.84		
Khaparkheda				
Unit 1	3.67	93.12	165	135
Unit 2	3.20	99.63	180	0
Unit 3	0.00	60.50	0	0
Unit 4	4.10	104.62	190	140
Unit 5	10.52	211.84	450	375
Total	21.48	569.71		
Nasik				
Unit 3	3.11	51.78	141	124
Unit 4	3.16	85.84	139	123
Unit 5	0.00	0.00	0	0
Total	6.26	137.63		
Uran				
All Units	6.63	160.66	293	256
Total	6.63	160.66		
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)	0.06	3.26	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	3.26		
Koyna				
Stage 1-2	3.13	80.82	525	40
Stage 4	3.31	45.37	750	0
Stage 3	1.65	28.48	240	0
Total	8.10	154.67		
Hydro				
KDPH	0.68	3.42	37	19
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.	0.14	4.08	40	0
RNGR+BHTSA	0.35	8.98	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.41	2.59	18	17
GHATGHAR	1.22	20.96	250	0
Total	2.81	41.06		
Wind				
Total	13.74	295.35	0	0
Total	13.74	295.35		
CPP				
APML(Mus)	56.52	1551.94	0	0
JSWEL(Mus)	19.61	471.25	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.55	193.25	0	0
Other(Mus)	17.10	384.14	0	0
Total	100.78	2600.57		
SOLAR				
Total	5.76	166.77	0	0
Total	5.76	166.77		
Tata				
Trombay 5	9.41	244.28	463	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.90	65.86	115	62
Trombay 7B	1.30	38.92	66	48
Trombay 8	4.64	120.61	236	135
TATA Hydro	2.32	72.30	322	2
Total	19.57	541.97		
AEML				
DTPS U-1&2	9.81	219.20	500	281
Total	9.81	219.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.20	3430.08	MSPGCL Total	158.74	3786.46
			MSPGCL Thml+Gas	147.83	3590.74	Koyna 1,2 & 4 Total	6.44	126.19
			MSPGCL Hydro	10.91	195.72	State Total	308.40	7610.33

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 26/Nov/2020

Annexure-2

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	5179	116	273	5568	881	3715	0	0	5328	5373	-1061	14476	0	14476	1892	16368	50.03
2	5318	90	292	5700	858	3733	0	0	5324	5508	-942	14858	0	14858	1776	16634	50.02
3	5076	110	283	5470	869	3726	0	0	5377	5181	-858	14388	0	14388	1689	16076	50.00
4	4942	90	283	5316	845	3756	0	0	5358	5391	-791	14516	0	14516	1621	16138	50.02
5	5656	96	283	6034	870	3745	0	0	5334	5621	-785	15486	0	15486	1612	17098	50.04
6	6207	96	293	6596	718	3808	0	0	5684	5753	-858	16016	0	16016	1676	17692	50.03
7	6303	106	283	6692	688	4246	0	3	6457	6591	-839	17380	0	17380	1722	19102	50.06
8	6431	450	284	7166	514	4540	0	108	6572	6699	-672	18354	0	18354	1865	20220	49.97
9	6363	1168	292	7822	309	4624	0	385	6333	6689	-795	19034	0	19034	2114	21148	49.94
10	6301	1520	270	8092	275	4605	0	680	6464	6660	-948	19364	0	19364	2372	21736	49.98
11	6278	1576	269	8122	245	4605	0	786	7011	7346	-1062	20042	0	20042	2542	22584	49.99
12	6287	1335	277	7899	244	4590	0	910	7575	7144	-1124	19663	0	19663	2591	22254	50.01
13	6260	823	257	7340	352	4598	0	757	7504	7165	-1098	19114	0	19114	2558	21672	49.99
14	6276	351	267	6894	240	4468	0	777	7481	7095	-1079	18395	0	18395	2468	20863	50.02
15	6303	398	266	6967	226	4492	0	644	7742	7808	-1109	19028	0	19028	2475	21503	50.00
16	6426	457	256	7139	296	4514	0	474	7708	7450	-1098	18775	0	18775	2485	21260	49.99
17	6464	613	268	7345	305	4593	0	208	6790	6735	-927	18259	0	18259	2463	20722	49.90
18	6520	568	279	7367	312	4583	0	31	5958	5740	-784	17249	0	17249	2445	19694	50.02
19	6446	203	270	6919	335	4478	0	1	6081	6113	-1014	16832	0	16832	2507	19339	50.02
20	6226	162	280	6668	494	4347	0	0	6077	5533	-860	16182	0	16182	2465	18647	50.05
21	5106	128	271	5505	805	3832	0	0	5692	5647	-785	15004	0	15004	2325	17329	50.01
22	5037	218	281	5536	989	3713	0	0	5321	5401	-763	14876	0	14876	2202	17078	50.02
23	5028	118	271	5417	1047	3736	0	0	5485	5285	-1113	14372	0	14372	2069	16441	50.01
24	4767	113	281	5161	1021	3737	0	0	5543	5706	-1160	14465	0	14465	1972	16437	50.01
MUs	141.20	10.91	6.63	158.73	13.74	100.78	0.00	5.76	150.20	149.63	-22.53	406.13	0.00	406.13	51.91	458.04	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 26/Nov/2020

Position as on 6.30 Hrs of 27/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyana STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	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	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.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
IPP	Adani U-1	660	23/11/2020	10.46	27/11/2020	00.04	APH-A hot PA bellow leakage.	
MSPGCL	Khaparkheda Unit 2	210	26/11/2020	09.42	26/11/2020	11.18	Hunting in control valve	
MSPGCL	Khaparkheda Unit 5	500	27/11/2020	06.52		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2020

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	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor at Chandrapur end
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	21/11/2020	10.18		Continued.	HT	Over Voltage
Akola Wardha I	InterState	26/11/2020	09.02	26/11/2020	19.15	PO	Maintenance work
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).
Bus Coupler @ Koradi	IntraState	23/11/2020	11.25		Continued.	PO	Circuit Breaker Pole Overhauling.
Khadka-Aurangabad (Waluj)	IntraState	25/11/2020	19.41	26/11/2020	07.37	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	25/11/2020	23.45	26/11/2020	07.40	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	26/11/2020	14.28	26/11/2020	16.27	PO	Commissioning Of IEM Panel For AMR
Khadka-Aurangabad (Waluj)	IntraState	26/11/2020	17.33	27/11/2020	06.43	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	26/11/2020	19.59		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	26/11/2020	20.05		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	26/11/2020	20.07		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.
400/220kv 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
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	18/11/2020	19.25		Continued.	PO	Bursting Of HV Side R-Phase Bushing.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
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.
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/11/2020	17.19	26/11/2020	17.20	HT	Outage at Navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable 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
Nanded - Parli Ext. Ckt II	IntraState	26/11/2020	10.26	26/11/2020	18.27	PO	Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	24/11/2020	09.50	26/11/2020	11.44	PO	For taking diagnostic testing work,CB timing&CRM, Tan Delta of CT. Bushing and winding Tan
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	26/11/2020	12.04	26/11/2020	19.29	EO	B Phase CT Replacement work

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