

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Nov/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.439	536.121	1) Gujrat	2.275	6.331
2) Hydro	5.267	20.439	2) Madhya Pradesh	7.121	29.266
3) Gas	6.627	26.537	3) Chattisgarh	6.070	25.760
Total MSPGCL	150.333	583.097	4) Maharashtra	123.047	490.899
B) 1) APMIL	66.840	257.366	5) Goa (Amona)	-1.142	-4.936
2) JSWEL	15.957	69.604	Total	137.371	547.320
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.591	101.077
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.774	104.089
5) WPCL	7.762	29.279	c) MSEDCL Bilateral *	27.138	113.492
6) Other IPP	12.522	44.777	Include PX	-0.322	1.692
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.591	101.077
C) 1) TPCL Thermal	15.500	59.721	Include PX	16.521	66.452
2) TPCL Hydro	3.387	11.827	Standby	0.000	0.000
3) TPCL Gas	4.390	17.570	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.404	20.006	1) MSEDCL	379.630	1495.361
D) STATE			2) Mumbai Discoms	55.455	213.213
1) Thermal	262.424	1016.874	TOTAL STATE	435.085	1708.574
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.654	32.266			
3) Gas (A3+B7+C3)	11.017	44.107			
4) Wind	8.886	42.083			
6) SOLAR	6.733	25.924			
TOTAL STATE	297.714	1161.254			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6074	5975	5962	4924
MSPGCL Hydro	185	160	823	55
MSPGCL Gas	268	266	279	292
MSPGCL Total Generation	6527	6401	7064	5271
Central Sector Receipt	6590	6855	5779	4889
WIND	367	89	267	723
CPP / IPP Thermal	4678	4304	4786	3683
CPP / IPP Gas	0	0	0	0
SOLAR	929	664	0	0
Exchange with Mumbai	-1426	-1282	-1167	-878
MSEDCL DEMAND MET	17665	17031	16729	13688
Load Shedding	0	0	0	0
MSEDCL DEMAND	17665	17031	16729	13688
TPCL GENERATION	959	1102	1167	862
AEML GENERATION	249	248	248	146
MUMBAI DEMAND	2634	2632	2582	1886
STATE DEMAND MET	20299	19663	19311	15574
STATE DEMAND	20299	19663	19311	15574
Frequency (Hz)	49.98	49.92	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.02 Hrs	49.82 Hz at 15.52 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 04/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	11.26	44.41	562	299
Unit 9	9.79	9.82	532	55
Unit 10	8.83	35.93	400	319
Total	29.88	90.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.72	38.22	470	280
Unit 5	2.82	32.00	490	0
Total	12.54	70.22		
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	5.42	12.24	250	190
Total	5.42	21.09		
Chandrapur				
Unit 3	3.94	15.52	175	125
Unit 4	3.65	14.65	165	130
Unit 5	9.50	37.02	425	275
Unit 6	9.47	37.71	420	275
Unit 7	0.00	0.00	0	0
Unit 8	11.60	44.92	490	470
Unit 9	11.62	44.52	496	452
Total	49.78	194.34		
Paras				
Unit 3	5.71	22.84	250	225
Unit 4	5.90	22.23	252	228
Total	11.61	45.07		
Khaparkheda				
Unit 1	3.70	14.68	165	140
Unit 2	4.01	15.82	180	140
Unit 3	4.10	15.82	185	140
Unit 4	4.13	16.27	185	140
Unit 5	10.08	39.93	460	320
Total	26.03	102.52		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	12.73	156	127
Unit 5	0.00	0.00	0	0
Total	3.19	12.73		
Uran				
All Units	6.63	26.54	293	255
Total	6.63	26.54		
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)	0.16	0.48	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.48		
Koyna				
Stage 1-2	3.42	11.62	560	40
Stage 4	0.33	1.00	199	0
Stage 3	0.68	2.90	80	0
Total	4.43	15.52		
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.	0.16	0.58	40	0
RNGR+BHTSA	0.35	1.42	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	0.32	1.89	125	0
Total	0.84	4.92		
Wind				
Total	8.89	42.08	0	0
Total	8.89	42.08		
CPP				
APML(Mus)	66.84	257.37	0	0
JSWEL(Mus)	15.96	69.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.76	29.28	0	0
Other(Mus)	12.52	44.78	0	0
Total	103.08	401.03		
SOLAR				
Total	6.73	25.92	0	0
Total	6.73	25.92		
Tata				
Trombay 5	10.32	38.54	466	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	11.23	118	116
Trombay 7B	1.58	6.34	67	65
Trombay 8	5.18	21.18	232	139
TATA Hydro	3.39	11.83	365	2
Total	23.28	89.12		
AEML				
DTPS U-1&2	5.40	20.01	251	145
Total	5.40	20.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.44	536.12	MSPGCL Total	150.33	583.10
			MSPGCL Thml+Gas	145.07	562.66	Koyna 1,2 & 4 Total	3.75	12.62
			MSPGCL Hydro	5.27	20.44	State Total	297.71	1161.25

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	5035	65	291	5391	831	3842	0	0	5091	5079	-1015	14128	0	14128	2164	16292	50.01
2	4892	55	281	5228	784	3825	0	0	5070	4871	-984	13724	0	13724	2014	15738	49.98
3	4924	55	292	5271	723	3683	0	0	5085	4889	-878	13688	0	13688	1886	15574	50.00
4	5105	75	271	5451	653	3688	0	0	4985	5115	-963	13944	0	13944	1778	15722	49.97
5	5662	60	292	6014	575	3814	0	0	4906	4860	-986	14277	0	14277	1756	16033	49.95
6	6154	65	292	6511	589	4149	0	0	5276	5269	-1036	15482	0	15482	1793	17275	49.99
7	6328	361	272	6961	532	4682	0	78	5377	5446	-932	16767	0	16767	1830	18597	50.03
8	6299	320	293	6912	460	4932	0	285	5636	5772	-842	17519	0	17519	1963	19482	50.00
9	6112	335	291	6738	302	4949	0	583	5947	6083	-1058	17597	0	17597	2186	19783	49.99
10	6028	365	269	6662	249	4906	0	804	6257	6246	-1306	17561	0	17561	2452	20013	50.00
11	6074	185	268	6527	367	4678	0	929	6663	6590	-1426	17665	0	17665	2634	20299	49.98
12	6008	180	267	6455	296	4505	0	972	6858	6566	-1377	17417	0	17417	2702	20119	50.00
13	6020	185	266	6471	198	4141	0	984	6848	6388	-1246	16936	0	16936	2716	19652	49.97
14	5962	220	256	6438	119	4002	0	854	6542	6755	-1231	16937	0	16937	2616	19553	50.01
15	5975	160	266	6401	89	4304	0	664	6918	6855	-1282	17031	0	17031	2632	19663	49.92
16	5979	167	255	6401	103	4440	0	424	6756	6641	-1307	16702	0	16702	2650	19352	49.92
17	5993	375	266	6634	117	4746	0	140	6128	6141	-1141	16637	0	16637	2613	19250	49.97
18	5956	700	268	6924	152	4756	0	16	5778	5571	-1089	16330	0	16330	2563	18893	49.99
19	5962	823	279	7064	267	4786	0	0	5733	5779	-1167	16729	0	16729	2582	19311	49.99
20	5883	280	270	6433	257	4717	0	0	5804	5772	-1141	16038	0	16038	2550	18588	50.03
21	5694	54	290	6038	243	4208	0	0	5667	5210	-1084	14615	0	14615	2456	17071	50.01
22	5636	59	271	5966	268	3950	0	0	5403	5190	-1034	14340	0	14340	2358	16698	50.03
23	5532	64	280	5876	306	3706	0	0	5476	5257	-1107	14038	0	14038	2296	16334	50.02
24	5226	59	281	5566	406	3672	0	0	5403	5027	-1142	13529	0	13529	2265	15794	50.03
MUs	138.44	5.27	6.63	150.33	8.89	103.08	0.00	6.73	139.61	137.37	-26.77	379.63	0.00	379.63	55.45	435.09	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 04/Nov/2020

Position as on 6.30 Hrs of 05/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 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	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	
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.	
MSPGCL	Bhusawal Unit 5	500	04/11/2020	08.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 05/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
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/10/2020	17.58	04/11/2020	21.03	OO	Removal of Faulty fan Motors & Oil level Top up at Padghe 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	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	03/11/2020	20.22	04/11/2020	06.47	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	03/11/2020	21.28	04/11/2020	07.13	HT	Over Voltage
Deepnagar Taptitanda	IntraState	04/11/2020	06.44	04/11/2020	17.39	PO	Replacement of Faulty Insulator strings
N.Koyna-Karad -Ckt II	IntraState	04/11/2020	10.16	04/11/2020	18.42	PO	Diagnostic testing
Khadka-Aurangabad (Waluj)	IntraState	04/11/2020	19.26		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	04/11/2020	20.00		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
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	01/11/2020	03.34		Continued.	T	Differential protection
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	04/11/2020	11.38	04/11/2020	15.55	PO	Diagnostic Testing of CB,DCRM.
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.
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
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.
Lamboti -Solapur li(Bale) Ckt- II	IntraState	04/11/2020	08.56	04/11/2020	12.01	PO	Quarterly Maintenance 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 04/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 05/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
New Koyna - Niwali	IntraState	04/11/2020	09.20	04/11/2020	18.02	PO	Diagnostic testing & Routine maintenance work.
Kalwa-TIFIL	IntraState	04/11/2020	09.57	04/11/2020	12.12	PO	Replacement of R Phase High LCM value LA
Nagothane-Wadkhal-I	IntraState	04/11/2020	10.18	04/11/2020	17.30	PO	Routine Maintenance Work
Theur-Phursungi ckt-2	IntraState	04/11/2020	10.46	04/11/2020	18.05	PO	CT Tan delta & testing work and Replacement of conductor Y&R ph
Karad(400kv) - Ogalewadi Ckt 1	IntraState	04/11/2020	10.54	04/11/2020	13.44	PO	Tan delta testing.
Wathar - Mudshingi 3 Line	IntraState	04/11/2020	11.07	04/11/2020	14.22	PO	Relay testing work
Paras-Chikhali Ckt No-I	IntraState	04/11/2020	11.25	04/11/2020	17.14	PO	Tan Delta Measurment of CTs
Talandge(400)- Mudshingi 2 Line	IntraState	04/11/2020	11.26	04/11/2020	13.51	PO	Quarterly maintenance work & relay testing work.
Koradi-Ambazari-I	IntraState	04/11/2020	11.47	04/11/2020	15.51	EO	Replacement Of LA.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	04/11/2020	12.15	04/11/2020	13.40	PO	Quarterly Maintenance Work
Bapgaon - Kalwa	IntraState	04/11/2020	12.31	04/11/2020	14.56	PO	Replacement of Y Phase High LCM value LA
Khadka-Chalisgaon-1	IntraState	04/11/2020	12.35	04/11/2020	16.38	HT	To facilitate Outage of 220kv Khadka deepnagar.
Deepnagar Khadaka 2	IntraState	04/11/2020	12.41	04/11/2020	16.28	PO	For LSA testing of Line.(under rapid task Force).
Shivajinagar-Gangapur	IntraState	04/11/2020	14.50	04/11/2020	19.01	PO	Replacement of Jumpers
Talandge-Mudshingi Ckt-I	IntraState	04/11/2020	15.09	04/11/2020	17.34	PO	Earth wire Replacement.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	04/11/2020	15.46	04/11/2020	17.42	PO	Tan delta testing.
Nanded - Parli Ext. Ckt I	IntraState	04/11/2020	18.05	04/11/2020	17.10	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200MVA ICT-I @Padghe	IntraState	03/11/2020	10.18		Continued.	PO	Testing Work
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	04/11/2020	09.25		Continued.	PO	OLTC overhauling work.
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	04/11/2020	09.30	04/11/2020	14.50	PO	Diagnostic testing work.
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	04/11/2020	09.45	04/11/2020	07.25	PO	Diagnostic Testing of ICT
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	04/11/2020	10.40	04/11/2020	17.38	PO	Measurment of Tan Delta and SFRA of ICT
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	04/11/2020	10.50	04/11/2020	12.30	PO	collection of oil sample from OLTC of ICT.
220/132kv 100MVA ICT-2 @Baramati	IntraState	04/11/2020	14.41	04/11/2020	18.05	PO	Diagnostic & Relay Testing Work.

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