

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Nov/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.886	3963.472	1) Gujrat	0.621	28.388
2) Hydro	21.692	234.981	2) Madhya Pradesh	8.204	190.817
3) Gas	6.705	184.204	3) Chattisgarh	7.600	216.640
Total MSPGCL	170.283	4382.657	4) Maharashtra	133.262	3896.222
B) 1) APLM	59.128	1800.587	5) Goa (Amona)	-1.376	-38.935
2) JSWEL	17.972	543.884	Total	148.311	4293.132
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.510	597.072
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.243	675.230
5) WPCL	8.072	221.100	c) MSEDCL Bilateral *	35.353	910.517
6) Other IPP	16.320	448.013	Include PX	5.491	55.554
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.510	597.072
C) 1) TPCL Thermal	14.099	417.245	Include PX	9.650	347.900
2) TPCL Hydro	2.740	79.387	Standby	0.000	0.000
3) TPCL Gas	3.092	117.831	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.029	255.176	1) MSEDCL	409.485	11584.170
D) STATE			2) Mumbai Discoms	52.203	1544.871
1) Thermal	267.506	7649.477	TOTAL STATE	461.688	13129.041
(A1+C1+C4+(B1-B6))					
2) Hydro	24.432	314.368			
(A2+C2)					
3) Gas	9.797	302.035			
(A3+B7+C3)					
4) Wind	6.094	382.413			
6) SOLAR	5.548	187.614			
TOTAL STATE	313.377	8835.907			

* 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 2 Hrs
MSPGCL Thermal	5951	5918	5755	6021
MSPGCL Hydro	1826	1575	908	90
MSPGCL Gas	278	276	270	291
MSPGCL Total Generation	8055	7769	6933	6402
Central Sector Receipt	7347	7613	5860	5018
WIND	269	115	275	335
CPP / IPP Thermal	4464	4478	4495	3646
CPP / IPP Gas	0	0	0	0
SOLAR	854	779	0	0
Exchange with Mumbai	-1149	-1184	-879	-879
MSEDCL DEMAND MET	19840	19570	16684	14522
Load Shedding	0	0	0	0
MSEDCL DEMAND	19840	19570	16684	14522
TPCL GENERATION	850	888	1134	605
AEML GENERATION	499	499	500	283
MUMBAI DEMAND	2498	2571	2513	1767
STATE DEMAND MET	22338	22141	19197	16289
STATE DEMAND	22338	22141	19197	16289
Frequency (Hz)	50.01	49.97	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.81 Hz at 13.53 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 30/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	12.88	346.72	571	446
Unit 9	11.34	307.44	560	365
Unit 10	0.00	71.95	0	0
Total	24.22	726.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.18	286.78	500	385
Unit 5	10.81	263.95	480	400
Total	22.00	550.73		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.31	40.73	250	175
Unit 7	5.31	31.29	249	166
Unit 8	5.37	147.72	250	170
Total	15.99	219.74		
Chandrapur				
Unit 3	4.10	113.98	176	169
Unit 4	3.88	108.35	165	158
Unit 5	9.84	276.31	435	340
Unit 6	9.56	274.75	415	350
Unit 7	0.00	0.00	0	0
Unit 8	11.22	289.85	490	450
Unit 9	11.41	330.52	498	450
Total	50.02	1393.77		
Paras				
Unit 3	4.62	141.22	219	150
Unit 4	5.41	148.02	244	215
Total	10.02	289.24		
Khaparkheda				
Unit 1	3.80	107.59	165	150
Unit 2	4.10	115.00	180	160
Unit 3	0.00	60.50	0	0
Unit 4	4.57	121.08	192	190
Unit 5	3.51	225.92	445	0
Total	15.98	630.09		
Nasik				
Unit 3	3.66	65.30	175	128
Unit 4	0.00	88.49	0	0
Unit 5	0.00	0.00	0	0
Total	3.66	153.79		
Uran				
All Units	6.70	184.20	292	256
Total	6.70	184.20		
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)	0.10	3.44	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	3.44		
Koyna				
Stage 1-2	6.98	95.42	580	40
Stage 4	8.94	55.01	750	0
Stage 3	3.55	33.94	320	0
Total	19.47	184.37		
Hydro				
KDPH	0.30	5.70	19	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.	0.10	4.50	40	0
RNGR+BHTSA	0.35	10.39	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.38	4.07	16	16
GHATGHAR	1.09	24.92	250	0
Total	2.22	50.61		
Wind				
Total	6.09	382.41	0	0
Total	6.09	382.41		
CPP				
APML(Mus)	59.13	1800.59	0	0
JSWEL(Mus)	17.97	543.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.07	221.10	0	0
Other(Mus)	16.32	448.01	0	0
Total	101.49	3013.58		
SOLAR				
Total	5.55	187.61	0	0
Total	5.55	187.61		
Tata				
Trombay 5	9.33	278.06	463	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	73.62	117	61
Trombay 7B	1.27	44.21	67	47
Trombay 8	4.77	139.19	231	134
TATA Hydro	2.74	79.39	347	2
Total	19.93	614.46		
AEML				
DTPS U-1&2	10.03	255.18	500	281
Total	10.03	255.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.89	3963.47	MSPGCL Total	170.28	4382.66
			MSPGCL Thml+Gas	148.59	4147.68	Koyna 1,2 & 4 Total	15.92	150.43
			MSPGCL Hydro	21.69	234.98	State Total	313.38	8835.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Nov/2020

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	5990	375	272	6637	364	3640	0	0	5305	5237	-996	14882	0	14882	1883	16765	49.98
2	6021	90	291	6402	335	3646	0	0	5340	5018	-879	14522	0	14522	1767	16289	49.99
3	6043	100	292	6435	341	3595	0	0	5341	5057	-802	14626	0	14626	1688	16314	49.98
4	6039	90	291	6420	269	3591	0	0	5201	5139	-740	14679	0	14679	1625	16304	49.99
5	5996	105	282	6383	250	3669	0	0	5385	5708	-731	15279	0	15279	1617	16896	49.97
6	6209	104	283	6596	248	4062	0	0	5757	5906	-692	16120	0	16120	1681	17801	50.01
7	6308	492	292	7092	281	4335	0	5	6019	6175	-466	17422	0	17422	1756	19178	49.98
8	6364	1371	292	8027	202	4412	0	111	5902	6234	-555	18431	0	18431	1858	20289	49.97
9	5976	1801	282	8059	226	4446	0	405	6004	6386	-762	18760	0	18760	2058	20818	50.00
10	6001	1930	280	8211	271	4466	0	671	6411	6342	-993	18968	0	18968	2313	21281	50.00
11	5951	1826	278	8055	269	4464	0	854	7068	7347	-1149	19840	0	19840	2498	22338	50.01
12	5882	1809	268	7959	182	4474	0	838	7424	7451	-1177	19727	0	19727	2585	22312	50.02
13	5918	1575	276	7769	115	4478	0	779	7327	7613	-1184	19570	0	19570	2571	22141	49.97
14	5875	1673	256	7804	101	4382	0	659	7301	7357	-1102	19201	0	19201	2479	21680	49.95
15	5913	1692	276	7881	97	4391	0	623	7529	7642	-1106	19528	0	19528	2504	22032	49.99
16	5759	1688	257	7704	117	4380	0	395	7469	7629	-1003	19222	0	19222	2493	21715	49.98
17	5830	1612	277	7719	163	4488	0	178	6845	6915	-926	18537	0	18537	2457	20994	49.99
18	5871	1395	278	7544	202	4525	0	30	6256	6201	-843	17659	0	17659	2442	20101	50.01
19	5755	908	270	6933	275	4495	0	0	5959	5860	-879	16684	0	16684	2513	19197	50.03
20	5747	746	289	6782	279	4481	0	0	5597	5267	-842	15967	0	15967	2480	18447	50.02
21	5806	85	271	6162	361	4497	0	0	5462	5182	-890	15312	0	15312	2425	17737	50.01
22	5653	70	290	6013	381	4279	0	0	5572	5523	-1057	15139	0	15139	2218	17357	50.01
23	5505	85	271	5861	394	4123	0	0	5581	5598	-1244	14732	0	14732	2219	16951	50.00
24	5474	70	291	5835	371	4173	0	0	5598	5524	-1225	14678	0	14678	2073	16751	50.01
MUs	141.89	21.69	6.71	170.28	6.09	101.49	0.00	5.55	147.65	148.31	-22.24	409.49	0.00	409.49	52.20	461.69	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 30/Nov/2020

Position as on 6.30 Hrs of 01/Dec/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	Koyna 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 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	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	
MSPGCL	Nasik Unit 4	210	27/11/2020	20.00		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	29/11/2020	23.50	30/11/2020	23.51	Hot PA Bellow leakage	
MSPGCL	Khaparkheda Unit 5	500	30/11/2020	07.59		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	01/12/2020	06.23		Continued.	Fire on Boiler Feed Pump	
MSPGCL	Chandrapur Unit 9	500	01/12/2020	07.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	30/11/2020	12.05	HT	Over Voltage
Akola Wardha li	InterState	30/11/2020	07.50	30/11/2020	17.37	PO	String Replacement By Polymer Strings.
Dabhol Nagothane I	InterState	30/11/2020	16.31	30/11/2020	22.19	T	DT Received At Nagothane End.
Dhule Sar'Sarovar II	InterState	30/11/2020	19.39		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	29/11/2020	19.45	30/11/2020	06.35	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/11/2020	20.01	30/11/2020	09.23	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	30/11/2020	18.01		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2020	18.10		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 2 @Parali (Girwali)	IntraState	30/11/2020	10.35	30/11/2020	19.37	PO	Testing Of ICT Units, HV & IV CB Under RTE.
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	30/11/2020	11.52	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
Trombay - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
Sawantwadi-Bidri	IntraState	29/11/2020	23.12		Continued.	HT	Over Voltage
Pedhambe - Oni	IntraState	30/11/2020	08.37	30/11/2020	18.15	PO	For Cold Washing Of Insulator Strings From LOC No. 200-229.
Goregaon Versova Line 2	IntraState	30/11/2020	09.18	30/11/2020	17.41	PO	Annual Maintenance Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	30/11/2020	09.30	30/11/2020	17.47	PO	R,Y,B Phase Conductor Restranging At Loc No 132 To 151.
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	30/11/2020	10.41	30/11/2020	18.00	PO	For Nut Bolt Tightening Work & Vibration Damper Fixing Work.
Badnera - Nandgaonpeth	IntraState	30/11/2020	11.00	30/11/2020	16.20	PO	Routine Maintenance Work
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	30/11/2020	11.26	30/11/2020	13.59	PO	For Line Signature Analysis.
Kalwa - Borivali	IntraState	30/11/2020	12.22	30/11/2020	15.53	PO	Annual Diagnostic Testing Work.
512 Khadki- Century Enka	IntraState	30/11/2020	12.40	30/11/2020	16.58	PO	AMR Project Commissioning Work.
Padghe-Kamba II	IntraState	30/11/2020	12.55	30/11/2020	19.57	PO	For Taking Diagnostic Testing & Attending Hotspot.
Kandalgaon - Pirangut	IntraState	30/11/2020	13.45	30/11/2020	20.27	PO	Annual 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 30/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tata Borivli MSETCL Borivli 5	IntraState	30/11/2020	16.12	30/11/2020	19.32	PO	Testing Work
220 KV ICT Outages/Trippings							
220/132KV 200MVA ICT-II @ Miraj	IntraState	30/11/2020	09.05	30/11/2020	16.01	PO	ICT Bushing & Widing Tan Delta Measurment & HV CT Tan Delta Measurment Work.
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	30/11/2020	10.22	30/11/2020	16.32	PO	Half yearly maintenance work
220KV/132KV 200MVA ICT III @ Miraj	IntraState	30/11/2020	16.09	30/11/2020	18.34	PO	ICT Bushing & Winding Tan Delta Work.
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	30/11/2020	16.30	30/11/2020	16.57	T	Tripped On BUZ, Due To Malfuction.