

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.564	3821.586	1) Gujrat	1.097	27.767
2) Hydro	5.432	213.289	2) Madhya Pradesh	7.974	182.613
3) Gas	5.459	177.499	3) Chattisgarh	8.150	209.040
Total MSPGCL	154.455	4212.374	4) Maharashtra	123.197	3762.960
B) 1) APML	68.818	1741.459	5) Goa (Amona)	-1.003	-37.559
2) JSWEL	18.595	525.912	Total	139.415	4144.821
3) VIPL	0.000	0.000	a) Mumbai Schedule	14.554	579.561
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.042	652.987
5) WPCL	7.039	213.028	c) MSEDCL Bilateral *	27.392	875.164
6) Other IPP	16.033	431.693	Include PX	0.896	50.063
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	14.554	579.561
C) 1) TPCL Thermal	13.005	403.146	Include PX	6.258	338.250
2) TPCL Hydro	0.939	76.647	Standby	0.000	0.000
3) TPCL Gas	3.850	114.739	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.396	245.147	1) MSEDCL	401.647	11174.685
D) STATE			2) Mumbai Discoms	46.232	1492.668
1) Thermal	276.450	7381.971	TOTAL STATE	447.879	12667.353
(A1+C1+C4+(B1-B6))					
2) Hydro	6.371	289.936			
(A2+C2)					
3) Gas	9.309	292.238			
(A3+B7+C3)					
4) Wind	10.988	376.319			
6) SOLAR	5.346	182.066			
TOTAL STATE	308.464	8522.530			

* 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	6406	6396	6302	4909
MSPGCL Hydro	506	456	110	104
MSPGCL Gas	139	128	290	290
MSPGCL Total Generation	7050	6980	6702	5304
Central Sector Receipt	6696	6890	5588	5170
WIND	572	267	184	807
CPP / IPP Thermal	5072	5008	4978	4016
CPP / IPP Gas	0	0	0	0
SOLAR	801	778	0	0
Exchange with Mumbai	-696	-724	-1064	-886
MSEDCL DEMAND MET	19496	19198	16388	14410
Load Shedding	0	0	0	0
MSEDCL DEMAND	19496	19198	16388	14410
TPCL GENERATION	871	878	756	534
AEML GENERATION	499	499	283	281
MUMBAI DEMAND	2066	2101	2103	1701
STATE DEMAND MET	21562	21300	18492	16112
STATE DEMAND	21562	21300	18492	16112
Frequency (Hz)	49.95	49.98	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 00.01 Hrs	49.76 Hz at 07.20 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 29/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	13.25	333.84	577	473
Unit 9	13.12	296.10	570	490
Unit 10	0.00	71.95	0	0
Total	26.37	701.89		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.17	275.60	495	280
Unit 5	9.77	253.14	490	280
Total	19.94	528.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.04	35.42	250	170
Unit 7	4.92	25.98	248	173
Unit 8	5.04	142.35	250	160
Total	15.00	203.75		
Chandrapur				
Unit 3	3.72	109.87	171	125
Unit 4	3.69	104.47	163	139
Unit 5	9.24	266.47	435	275
Unit 6	8.81	265.19	420	280
Unit 7	0.00	0.00	0	0
Unit 8	11.60	278.63	493	470
Unit 9	11.66	319.11	492	474
Total	48.72	1343.74		
Paras				
Unit 3	5.36	136.61	250	177
Unit 4	5.47	142.62	246	190
Total	10.82	279.22		
Khaparkheda				
Unit 1	3.58	103.78	165	135
Unit 2	3.80	110.90	180	140
Unit 3	0.00	60.50	0	0
Unit 4	4.15	116.51	192	140
Unit 5	7.99	222.42	435	0
Total	19.52	614.12		
Nasik				
Unit 3	3.18	61.64	137	125
Unit 4	0.00	88.49	0	0
Unit 5	0.00	0.00	0	0
Total	3.18	150.13		
Uran				
All Units	5.46	177.50	291	128
Total	5.46	177.50		
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	3.34	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	3.34		
Koyna				
Stage 1-2	2.31	88.44	245	40
Stage 4	0.00	46.07	0	0
Stage 3	0.60	30.39	80	0
Total	2.91	164.90		
Hydro				
KDPH	0.44	5.40	19	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.	0.10	4.40	40	0
RNGR+BHTSA	0.35	10.04	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.42	3.69	18	17
GHATGHAR	1.21	23.83	250	0
Total	2.52	48.39		
Wind				
Total	10.99	376.32	0	0
Total	10.99	376.32		
CPP				
APML(Mus)	68.82	1741.46	0	0
JSWEL(Mus)	18.60	525.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.04	213.03	0	0
Other(Mus)	16.03	431.69	0	0
Total	110.48	2912.09		
SOLAR				
Total	5.35	182.07	0	0
Total	5.35	182.07		
Tata				
Trombay 5	8.62	268.73	461	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	71.80	117	61
Trombay 7B	1.47	42.94	68	47
Trombay 8	4.38	134.42	233	137
TATA Hydro	0.94	76.65	173	2
Total	17.79	594.53		
AEML				
DTPS U-1&2	9.40	245.15	500	281
Total	9.40	245.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.56	3821.59	MSPGCL Total	154.46	4212.37
			MSPGCL Thml+Gas	149.02	3999.08	Koyna 1,2 & 4 Total	2.31	134.51
			MSPGCL Hydro	5.43	213.29	State Total	308.46	8522.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4926	94	291	5312	966	3967	0	0	5328	5168	-1054	14358	0	14358	1895	16254	49.98
2	4984	94	271	5350	1093	3973	0	0	5267	5027	-969	14474	0	14474	1784	16258	49.97
3	4909	104	290	5304	807	4016	0	0	5187	5170	-886	14410	0	14410	1701	16112	49.97
4	5025	90	291	5406	756	4015	0	0	5114	5174	-816	14534	0	14534	1629	16164	49.95
5	5467	194	272	5934	633	3988	0	0	5163	5358	-799	15114	0	15114	1617	16730	49.95
6	6020	90	291	6400	556	4200	0	0	5424	5632	-860	15928	0	15928	1673	17602	49.97
7	6283	114	268	6666	557	4819	0	6	5936	6049	-775	17322	0	17322	1686	19008	50.00
8	6387	260	141	6788	561	5080	0	120	5999	6233	-436	18346	0	18346	1739	20084	50.01
9	6362	304	131	6798	639	5161	0	407	5992	6050	-485	18570	0	18570	1842	20412	50.04
10	6386	224	130	6740	693	5147	0	649	6407	6233	-617	18846	0	18846	1973	20818	49.99
11	6406	506	139	7050	572	5072	0	801	6716	6696	-696	19496	0	19496	2066	21562	49.95
12	6417	630	128	7176	387	5035	0	801	7007	6740	-732	19406	0	19406	2108	21514	49.95
13	6396	456	128	6980	267	5008	0	778	6965	6890	-724	19198	0	19198	2101	21300	49.98
14	6400	396	128	6924	204	4963	0	665	6988	6733	-681	18808	0	18808	2055	20864	50.02
15	6419	296	151	6866	167	4989	0	579	6898	6874	-647	18828	0	18828	2018	20846	50.02
16	6439	332	178	6948	182	5054	0	343	6616	6657	-623	18562	0	18562	1995	20556	50.01
17	6404	376	248	7028	178	5156	0	162	6074	6194	-607	18112	0	18112	1971	20082	50.02
18	6342	232	269	6842	178	5084	0	35	5747	5621	-643	17118	0	17118	1967	19084	50.01
19	6302	110	290	6702	184	4978	0	0	5658	5588	-1064	16388	0	16388	2103	18492	50.02
20	6359	106	281	6746	233	4698	0	0	5518	4840	-1078	15440	0	15440	2137	17576	50.01
21	6201	92	280	6572	245	4240	0	0	5128	4935	-1058	14934	0	14934	2116	17050	49.92
22	5838	106	281	6226	283	4014	0	0	5179	4957	-987	14492	0	14492	2077	16570	50.01
23	5569	92	291	5952	302	3937	0	0	5376	4963	-820	14334	0	14334	2015	16348	50.01
24	5323	132	291	5746	345	3891	0	0	5358	5633	-985	14630	0	14630	1964	16594	50.03
MUs	143.56	5.43	5.46	154.46	10.99	110.48	0.00	5.35	141.05	139.41	-19.04	401.65	0.00	401.65	46.23	447.88	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 29/Nov/2020

Position as on 6.30 Hrs of 30/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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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	Khaparkheda Unit 5	500	27/11/2020	06.52	29/11/2020	01.23	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	27/11/2020	20.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 5	500	29/11/2020	01.43	29/11/2020	03.07	Drum level high.	
MSPGCL	Uran Unit 6	108	29/11/2020	06.53	29/11/2020	14.31	Emergency H/T Due to CT problem in switch yard.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 30/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	29/11/2020	22.50	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	30/11/2020	12.05	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	29/11/2020	09.41	29/11/2020	18.10	PO	work at PG end
Akola Wardha I	InterState	29/11/2020	11.45	29/11/2020	19.08	PO	Work at PG end
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).
Chandrapur - Khaperkheda	IntraState	28/11/2020	08.32	29/11/2020	18.09	PO	Conductor restringing work.
Khadka-Aurangabad (Waluj)	IntraState	28/11/2020	20.15	29/11/2020	07.02	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	28/11/2020	22.30	29/11/2020	07.16	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	28/11/2020	22.36	29/11/2020	08.34	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/11/2020	19.45	30/11/2020	06.35	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	29/11/2020	20.01	30/11/2020	09.23	HT	Over Voltage
Dhule- Bableshtar - 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.
Boiser(M)-Boiser(PG) -III	InterState	29/11/2020	11.28	29/11/2020	14.51	EO	Y Phase LA replacement
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.

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 29/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 Restraining 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
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 100mva Ptr 1 @Kharepatan	IntraState	28/11/2020	09.28	29/11/2020	00.08	PO	OLTC overhauling work.
Salsette : 220 / 110 / 23 250 MVA ICT 3	IntraState	29/11/2020	08.21	29/11/2020	18.38	PO	work of Fire DDR project
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.

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