

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.207	3872.876	1) Gujrat	0.624	44.768
2) Hydro	4.603	167.664	2) Madhya Pradesh	7.351	181.504
3) Gas	6.653	167.809	3) Chattisgarh	6.250	167.030
Total MSPGCL	152.463	4208.349	4) Maharashtra	113.826	3298.902
B) 1) APLM	65.009	1787.517	5) Goa (Amona)	-0.991	-39.574
2) JSWEL	24.344	681.756	Total	127.060	3652.630
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.048	589.567
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.342	655.568
5) WPCL	7.461	182.724	c) MSEDCL Bilateral *	31.082	903.186
6) Other IPP	9.546	247.899	Include PX	0.761	62.490
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.048	587.989
C) 1) TPCL Thermal	14.985	355.018	Include PX	6.135	214.864
2) TPCL Hydro	2.618	126.139	Standby	0.000	1.578
3) TPCL Gas	4.403	124.998	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.378	289.394	1) MSEDCL	371.897	10510.455
D) STATE			2) Mumbai Discoms	55.726	1551.114
1) Thermal	272.930	7417.184	TOTAL STATE	427.623	12061.569
(A1+C1+C4+(B1-B6))					
2) Hydro	7.221	293.803			
(A2+C2)					
3) Gas	11.056	292.807			
(A3+B7+C3)					
4) Wind	2.318	249.401			
6) SOLAR	7.038	155.747			
TOTAL STATE	300.563	8408.942			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6044	6206	6201	5140
MSPGCL Hydro	232	77	473	81
MSPGCL Gas	271	267	270	281
MSPGCL Total Generation	6547	6550	6944	5502
Central Sector Receipt	5651	5642	5498	4868
WIND	44	65	144	97
CPP / IPP Thermal	5100	4667	5242	3881
CPP / IPP Gas	0	0	0	0
SOLAR	506	578	0	0
Exchange with Mumbai	-796	-1136	-1011	-781
MSEDCL DEMAND MET	17052	16366	16817	13567
Load Shedding	0	0	0	0
MSEDCL DEMAND	17052	16366	16817	13567
TPCL GENERATION	886	1032	1080	835
AEML GENERATION	490	499	499	283
MUMBAI DEMAND	2172	2667	2590	1899
STATE DEMAND MET	19224	19033	19407	15466
STATE DEMAND	19224	19033	19407	15466
Frequency (Hz)	50.01	49.97	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.77 Hz at 18.10 Hrs	49.98	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/Oct/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	12.79	281.18	545	488
Unit 9	0.93	233.11	530	0
Unit 10	9.15	241.97	390	380
Total	22.87	756.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.42	282.38	495	285
Unit 5	10.63	281.75	500	275
Total	21.04	564.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.76	107.41	240	0
Unit 7	0.00	77.44	0	0
Unit 8	5.26	121.46	253	176
Total	9.02	306.31		
Chandrapur				
Unit 3	3.91	46.77	165	150
Unit 4	3.39	90.14	150	120
Unit 5	9.57	270.38	415	370
Unit 6	10.00	256.56	429	410
Unit 7	0.00	0.00	0	0
Unit 8	10.92	301.29	465	440
Unit 9	11.21	300.24	486	440
Total	48.99	1265.39		
Paras				
Unit 3	5.95	139.73	253	234
Unit 4	5.89	144.17	250	193
Total	11.84	283.90		
Khaparkhedda				
Unit 1	3.76	98.60	170	150
Unit 2	4.12	112.74	180	165
Unit 3	4.32	107.29	185	175
Unit 4	4.28	114.34	190	170
Unit 5	7.65	215.07	440	0
Total	24.13	648.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.31	48.84	190	130
Unit 5	0.00	0.00	0	0
Total	3.31	48.84		
Uran				
All Units	6.65	167.81	292	257
Total	6.65	167.81		
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	15.66	34	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	15.66		
Koyna				
Stage 1-2	1.97	67.94	390	35
Stage 4	0.58	26.22	295	0
Stage 3	1.01	23.88	160	0
Total	3.56	118.05		
Hydro				
KDPH	0.00	5.06	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	4.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	9.21	40	0
RNGR+BHTSA	0.36	5.67	15	14
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.29	11.72	12	12
SMLHY_PTN	0.00	4.80	0	0
GHATGHAR	0.20	6.95	125	0
Total	1.05	49.62		
Wind				
Total	2.32	249.40	0	0
Total	2.32	249.40		
CPP				
APML(Mus)	65.01	1787.52	0	0
JSWEL(Mus)	24.34	681.76	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.46	182.72	0	0
Other(Mus)	9.55	247.90	0	0
Total	106.36	2899.90		
SOLAR				
Total	7.04	155.75	0	0
Total	7.04	155.75		
Tata				
Trombay 5	9.65	268.50	460	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	80.85	119	116
Trombay 7B	1.59	44.14	67	65
Trombay 8	5.33	86.52	235	136
TATA Hydro	2.62	126.14	351	3
Total	22.01	606.16		
AEML				
DTPS U-1&2	10.38	289.39	501	282
Total	10.38	289.39		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	141.21	3872.88
MSPGCL Thml+Gas	147.86	4040.68
MSPGCL Hydro	4.60	167.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	152.46	4208.35
Koyna 1,2 & 4 Total	2.55	94.17
State Total	300.56	8408.94

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Oct/2020

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5647	281	280	6208	74	3878	0	0	4908	4810	-1036	13934	0	13934	2174	16108	49.94
2	5457	126	292	5875	143	3891	0	0	4746	4784	-897	13796	0	13796	2022	15818	49.97
3	5140	81	281	5502	97	3881	0	0	4797	4868	-781	13567	0	13567	1899	15466	49.99
4	5439	81	282	5802	87	4040	0	0	4764	4672	-804	13797	0	13797	1796	15593	49.97
5	5604	67	281	5952	74	4154	0	0	4817	4732	-860	14052	0	14052	1752	15804	49.90
6	5715	82	292	6089	70	4743	0	0	5146	4956	-893	14965	0	14965	1778	16743	49.90
7	5786	536	281	6603	81	4998	0	24	5390	5175	-762	16119	0	16119	1819	17938	49.96
8	5896	562	292	6750	52	4998	0	201	5533	5487	-575	16913	0	16913	1943	18856	49.97
9	6044	232	271	6547	44	5100	0	506	5656	5651	-796	17052	0	17052	2172	19224	50.01
10	6043	227	290	6560	86	4645	0	757	5939	5742	-1255	16535	0	16535	2446	18981	49.98
11	5878	245	258	6381	122	4151	0	943	6124	6020	-1262	16355	0	16355	2656	19011	50.00
12	5913	225	267	6405	107	4020	0	1021	6077	6074	-1220	16407	0	16407	2732	19139	50.02
13	5918	143	266	6327	72	4043	0	1000	6115	6037	-1179	16300	0	16300	2711	19011	50.00
14	5693	62	277	6032	64	3958	0	892	6025	5770	-982	15734	0	15734	2646	18380	49.99
15	5866	187	257	6310	84	4096	0	790	5990	5936	-1016	16200	0	16200	2666	18866	49.98
16	6206	77	267	6550	65	4667	0	578	5880	5642	-1136	16366	0	16366	2667	19033	49.97
17	6151	117	268	6536	102	4910	0	281	5472	5498	-1081	16246	0	16246	2620	18866	49.97
18	6226	119	279	6624	96	5217	0	45	5362	5083	-905	16160	0	16160	2558	18718	49.97
19	6201	473	270	6944	144	5242	0	0	5395	5498	-1011	16817	0	16817	2590	19407	49.99
20	6163	257	279	6699	218	5167	0	0	5641	5038	-974	16148	0	16148	2547	18695	50.01
21	6145	177	271	6593	173	4555	0	0	5216	5048	-957	15412	0	15412	2460	17872	50.03
22	6098	97	291	6486	120	4027	0	0	5240	5014	-1017	14630	0	14630	2375	17005	50.01
23	6025	72	270	6367	84	3995	0	0	5018	4850	-973	14323	0	14323	2354	16677	50.00
24	5953	77	291	6321	59	3984	0	0	4990	4675	-970	14069	0	14069	2343	16412	49.97
MUs	141.21	4.60	6.65	152.46	2.32	106.36	0.00	7.04	130.24	127.06	-23.34	371.90	0.00	371.90	55.73	427.62	49.98

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/Oct/2020

Position as on 6.30 Hrs of 30/Oct/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	
MSPGCL	Khaparkheda Unit 5	500	26/10/2020	07.52	29/10/2020	03.34	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	29/10/2020	02.15		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 2	70	29/10/2020	07.45	29/10/2020	17.50	Half Yearly Maintenance work	
MSPGCL	Parli Unit 6	250	29/10/2020	10.36	29/10/2020	14.13	Boiler Feed Pump tripped	

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

Statement-VII

Position as on 6.30 Hrs of 30/Oct/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.
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	28/10/2020	17.58			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	28/10/2020	20.46	29/10/2020	06.33		HT	Over Voltage
Dhule - Bableshwar - II	IntraState	28/10/2020	23.27	29/10/2020	07.42		HT	Over Voltage
Warora -IEPL	IntraState	29/10/2020	10.41	29/10/2020	16.35		PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	29/10/2020	20.03			Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/10/2020	22.26			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
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	29/10/2020	09.59	29/10/2020	12.53		PO	To attend Hot Spot
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	29/10/2020	10.13	29/10/2020	20.40		PO	To replace 220KV R Phase Bushing
220 KV LINE Outages/Trippings								
Mudshingi Chikodi	InterState	24/09/2019	17.12			Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10			Continued.	PO	No Schedule.(close at Chikodi end only)
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
OSMANABAD BARSHI	IntraState	28/10/2020	01.07	29/10/2020	20.49		HT	For twin Bus Outage.
Osmanabad - Solapur (Bale)	IntraState	28/10/2020	01.07	29/10/2020	20.48		HT	For twin Bus Outage.
Phursungi-Parvati	IntraState	28/10/2020	23.07	29/10/2020	06.30		PO	Double Jumping work.
Khaparkheda-Ambazari-I	IntraState	29/10/2020	09.15	29/10/2020	10.05		EO	To attend Hot Spot
Ghatghar - Bapgaon	IntraState	29/10/2020	09.32	29/10/2020	19.45		PO	Testing Work
Pophli Pedhmbe Line- 2	IntraState	29/10/2020	09.35	29/10/2020	17.45		PO	Routine Maintenance Work
Halkarni-Olam(Agro)	IntraState	29/10/2020	09.43	29/10/2020	17.47		PO	Insulator cleaning work
Wardha Butibori-III	IntraState	29/10/2020	09.52	29/10/2020	12.17		EO	To attend Hot Spot
Parli(U-VIII) GCR CKT	IntraState	29/10/2020	10.05	29/10/2020	13.08		PO	Testing Work
Bombay Dyeing - Sahara	IntraState	29/10/2020	10.07	29/10/2020	22.05		PO	Replacement of polymer Insulator
Goregaon Aarey Line 2	IntraState	29/10/2020	10.24	29/10/2020	15.52		PO	Annual Maintenance Work
Lonikand2-Lonikand1 (Interconector)	IntraState	29/10/2020	10.52	29/10/2020	17.55		PO	Routine 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 29/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 30/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ambazari-Kalmeshwar	IntraState	29/10/2020	11.45	29/10/2020	17.32	PO	Replacement of Flashover String
Bableshwar-Alephata ckt I	IntraState	29/10/2020	13.00	29/10/2020	16.21	PO	Repairing of broken conductor strand
Nanded-Nanded(Waghale) II	IntraState	29/10/2020	13.29	29/10/2020	16.37	PO	Tan Delta Measurement of CTs
Bhandara-Bhandara Rly Tss 2	IntraState	29/10/2020	14.04	29/10/2020	15.36	PO	To attend SF6 Gas leakage problem in CB
Cable Borivli Aarey 2	IntraState	30/10/2020	00.01		Continued.	PO	Cable Testing work
220 KV ICT Outages/Trippings							
100 MVA ICT I at Kandalgaon	IntraState	29/10/2020	09.24	29/10/2020	19.40	PO	Testing Work
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	29/10/2020	09.30	29/10/2020	18.11	PO	Testing Work
220/33kV 125 MVA Transformer 5 @Versova R/S	IntraState	29/10/2020	10.31	29/10/2020	12.21	PO	Inspection of transformer LV box for modification work
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	29/10/2020	10.33	29/10/2020	15.09	PO	Bushing and Winding Tandelta Measurement work
220/132 KV 200MVA ICT I @ Kanhan	IntraState	29/10/2020	11.41	29/10/2020	17.11	PO	Testing Work

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