

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.503	4013.379	1) Gujrat	1.029	45.797
2) Hydro	3.080	170.456	2) Madhya Pradesh	6.487	187.991
3) Gas	6.499	174.308	3) Chattisgarh	6.360	173.390
Total MSPGCL	150.082	4358.143	4) Maharashtra	112.201	3411.103
B) 1) APLM	65.208	1852.725	5) Goa (Amona)	-1.141	-40.715
2) JSWEL	22.821	704.577	Total	124.936	3777.566
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.610	608.177
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.955	678.523
5) WPCL	7.256	189.980	c) MSEDCL Bilateral *	32.148	935.335
6) Other IPP	9.249	257.148	Include PX	0.578	63.067
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.610	606.600
C) 1) TPCL Thermal	15.189	370.207	Include PX	5.865	220.729
2) TPCL Hydro	1.970	128.109	Standby	0.000	1.578
3) TPCL Gas	4.324	129.322	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.107	299.501	1) MSEDCL	366.702	10876.869
D) STATE			2) Mumbai Discoms	54.545	1605.659
1) Thermal	270.333	7687.517	TOTAL STATE	421.247	12482.528
(A1+C1+C4+(B1-B6))					
2) Hydro	5.050	298.565			
(A2+C2)					
3) Gas	10.823	303.630			
(A3+B7+C3)					
4) Wind	3.343	252.744			
6) SOLAR	6.762	162.509			
TOTAL STATE	296.311	8704.965			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5964	5897	6080	4896
MSPGCL Hydro	108	123	396	75
MSPGCL Gas	267	256	260	292
MSPGCL Total Generation	6339	6276	6736	5263
Central Sector Receipt	5731	5671	5184	4712
WIND	167	135	116	168
CPP / IPP Thermal	4374	4062	5008	3862
CPP / IPP Gas	0	0	0	0
SOLAR	1001	959	0	0
Exchange with Mumbai	-1235	-1138	-939	-581
MSEDCL DEMAND MET	16377	15965	16105	13424
Load Shedding	0	0	0	0
MSEDCL DEMAND	16377	15965	16105	13424
TPCL GENERATION	894	978	1097	853
AEML GENERATION	500	500	499	500
MUMBAI DEMAND	2629	2616	2535	1934
STATE DEMAND MET	19006	18581	18640	15358
STATE DEMAND	19006	18581	18640	15358
Frequency (Hz)	49.96	49.90	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 22.01 Hrs	49.75 Hz at 16.55 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 30/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	13.16	294.34	592	370
Unit 9	0.00	233.11	0	0
Unit 10	9.13	251.10	400	365
Total	22.29	778.55		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.79	292.16	480	275
Unit 5	10.00	291.75	495	275
Total	19.79	583.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.64	111.05	216	0
Unit 7	0.00	77.44	0	0
Unit 8	4.59	126.04	250	0
Total	8.23	314.54		
Chandrapur				
Unit 3	3.78	50.56	167	115
Unit 4	3.50	93.64	158	125
Unit 5	9.34	279.71	416	275
Unit 6	9.74	266.31	425	285
Unit 7	0.00	0.00	0	0
Unit 8	11.06	312.35	465	450
Unit 9	11.10	311.33	475	439
Total	48.51	1313.90		
Paras				
Unit 3	5.79	145.52	251	169
Unit 4	6.00	150.17	253	247
Total	11.79	295.69		
Khaparkheda				
Unit 1	3.70	102.30	165	140
Unit 2	4.11	116.85	180	140
Unit 3	4.14	111.42	185	140
Unit 4	4.25	118.59	185	140
Unit 5	10.45	225.52	500	320
Total	26.65	674.69		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	52.09	155	129
Unit 5	0.00	0.00	0	0
Total	3.24	52.09		
Uran				
All Units	6.50	174.31	292	250
Total	6.50	174.31		
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)	0.44	16.10	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.44	16.10		
Koyna				
Stage 1-2	1.57	69.52	185	35
Stage 4	0.15	26.37	86	0
Stage 3	0.16	24.04	80	0
Total	1.88	119.92		
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.	0.16	9.37	40	0
RNGR+BHTSA	0.35	6.02	15	14
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.37	11.80	21	12
SMLHY_PTN	0.00	4.80	0	0
GHATGHAR	0.32	7.27	125	0
Total	1.20	50.53		
Wind				
Total	3.34	252.74	0	0
Total	3.34	252.74		
CPP				
APML(Mus)	65.21	1852.72	0	0
JSWEL(Mus)	22.82	704.58	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.26	189.98	0	0
Other(Mus)	9.25	257.15	0	0
Total	104.53	3004.43		
SOLAR				
Total	6.76	162.51	0	0
Total	6.76	162.51		
Tata				
Trombay 5	9.81	278.30	452	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	83.61	118	105
Trombay 7B	1.57	45.72	67	62
Trombay 8	5.38	91.90	235	139
TATA Hydro	1.97	128.11	304	3
Total	21.48	627.64		
AEML				
DTPS U-1&2	10.11	299.50	501	282
Total	10.11	299.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.50	4013.38	MSPGCL Total	150.08	4358.14
			MSPGCL Thml+Gas	147.00	4187.69	Koyna 1,2 & 4 Total	1.72	95.89
			MSPGCL Hydro	3.08	170.46	State Total	296.31	8704.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Oct/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	5637	75	281	5993	158	3873	0	0	4919	4599	-845	13778	0	13778	2218	15996	49.97
2	5455	85	271	5811	165	3887	0	0	4821	4348	-708	13503	0	13503	2067	15570	49.95
3	4896	75	292	5263	168	3862	0	0	4755	4712	-581	13424	0	13424	1934	15358	50.00
4	4963	85	281	5329	161	3884	0	0	4697	4908	-500	13782	0	13782	1832	15614	50.01
5	5669	80	292	6041	120	3933	0	0	4735	5086	-763	14417	0	14417	1755	16172	49.97
6	6108	90	272	6470	156	4269	0	0	5042	4981	-867	15009	0	15009	1783	16792	49.97
7	6189	201	292	6682	203	4728	0	13	5426	5202	-751	16077	0	16077	1799	17876	49.95
8	6262	72	282	6616	231	4944	0	191	5601	5437	-546	16873	0	16873	1934	18807	49.98
9	6184	67	280	6531	122	4910	0	495	5614	5552	-915	16695	0	16695	2122	18817	49.97
10	5997	70	280	6347	125	4459	0	737	5899	5901	-1214	16355	0	16355	2361	18716	50.00
11	5933	107	268	6308	110	4302	0	900	5971	6022	-1208	16434	0	16434	2556	18990	49.98
12	5964	108	267	6339	167	4374	0	1001	5881	5731	-1235	16377	0	16377	2629	19006	49.96
13	5897	123	256	6276	135	4062	0	959	5888	5671	-1138	15965	0	15965	2616	18581	49.90
14	5739	115	256	6110	120	3842	0	906	5847	6053	-1175	15856	0	15856	2550	18406	49.98
15	5909	215	265	6389	60	3978	0	736	5774	5794	-1180	15777	0	15777	2574	18351	49.93
16	6125	200	266	6591	132	4397	0	534	5525	5458	-1125	15987	0	15987	2569	18556	49.95
17	6159	85	267	6511	128	4745	0	253	5428	4948	-1075	15510	0	15510	2539	18049	49.94
18	6096	190	268	6554	125	4805	0	37	5213	5003	-873	15651	0	15651	2489	18140	49.95
19	6080	396	260	6736	116	5008	0	0	5225	5184	-939	16105	0	16105	2535	18640	50.01
20	6149	292	250	6691	116	5102	0	0	5300	4932	-1000	15841	0	15841	2509	18350	50.03
21	5980	136	260	6376	90	4517	0	0	5155	4895	-1063	14815	0	14815	2404	17219	49.99
22	5678	69	250	5997	72	4314	0	0	4849	5194	-1056	14521	0	14521	2296	16817	50.03
23	5582	72	262	5916	143	4258	0	0	4812	4736	-1105	13948	0	13948	2246	16194	50.03
24	5852	72	281	6205	220	4081	0	0	4872	4589	-1093	14002	0	14002	2228	16230	49.99
MUs	140.50	3.08	6.50	150.08	3.34	104.53	0.00	6.76	127.25	124.94	-22.95	366.70	0.00	366.70	54.54	421.25	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 30/Oct/2020

Position as on 6.30 Hrs of 31/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 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	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	Koradi Unit 9	660	29/10/2020	02.15		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	30/10/2020	21.55		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 31/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	30/10/2020	08.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/10/2020	10.12		Continued.	PO	Replacement of earth wire (RFC 15:40hrs 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	29/10/2020	20.03		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	29/10/2020	22.26	30/10/2020	07.36	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	30/10/2020	11.54	30/10/2020	14.39	T	Distance Protection
Kala Kudus Ckt-I	IntraState	30/10/2020	16.19	30/10/2020	18.28	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	30/10/2020	19.57		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	30/10/2020	08.12	31/10/2020	02.12	PO	Bushing replacement of HV & LV sidw.
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)
PARLY (PG) - OSMANABAD	InterState	30/10/2020	17.18	30/10/2020	21.37	EO	For safety purpose bus outage at Osmanabad.
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
Cable Borivli Aarey 2	IntraState	30/10/2020	00.01		Continued.	PO	Cable Testing work
Ranjangaon-Lonikand	IntraState	30/10/2020	10.46	30/10/2020	12.25	T	Distance Protection
UTECH SUGAR BABHALESHWAR	IntraState	30/10/2020	11.25	30/10/2020	12.45	T	Distance Protection
Vasai Kamba	IntraState	30/10/2020	12.59	30/10/2020	22.15	T	Distance Protection
Niwali - Pawas Line	IntraState	30/10/2020	13.15	30/10/2020	18.54	T	Distance Protection
Kharepatan -Pawas Line	IntraState	30/10/2020	13.15	30/10/2020	14.35	T	Tripped on back up protection.
Trombay - Mulund	IntraState	30/10/2020	15.22	30/10/2020	20.34	EO	For Trombay Bus outage.
Padghe - Jambhul 1	IntraState	30/10/2020	16.40	30/10/2020	21.23	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	30/10/2020	09.52	30/10/2020	12.56	EO	LA Replacement work.
220/100 Kv 200 Mva Vijai Ict 3	IntraState	30/10/2020	14.40	30/10/2020	21.40	EO	Dianostic tesing 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/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 31/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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@Padghe