

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Oct/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.397	1064.692	1) Gujrat	3.853	39.999
2) Hydro	5.399	62.846	2) Madhya Pradesh	10.714	40.935
3) Gas	6.505	45.601	3) Chattisgarh	5.900	44.360
Total MSPGCL	156.301	1173.139	4) Maharashtra	122.631	975.896
B) 1) APML	71.975	503.020	5) Goa (Amona)	-1.813	-12.463
2) JSWEL	24.080	188.744	Total	141.285	1088.727
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.091	168.499
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.370	200.949
5) WPCL	8.383	30.720	c) MSEDCL Bilateral *	32.985	260.365
6) Other IPP	9.517	73.380	Include PX	4.200	41.946
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.091	168.499
C) 1) TPCL Thermal	8.847	69.345	Include PX	8.568	59.236
2) TPCL Hydro	5.486	30.255	Standby	0.000	0.000
3) TPCL Gas	4.389	34.993	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.169	81.058	1) MSEDCL	394.335	2992.168
D) STATE			2) Mumbai Discoms	55.261	416.599
1) Thermal	277.368	2010.959	TOTAL STATE	449.596	3408.767
(A1+C1+C4+(B1-B6))					
2) Hydro	10.885	93.101			
(A2+C2)					
3) Gas	10.894	80.594			
(A3+B7+C3)					
4) Wind	3.646	85.728			
6) SOLAR	5.518	49.659			
TOTAL STATE	308.311	2320.041			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6053	6090	6193	5761
MSPGCL Hydro	148	104	974	75
MSPGCL Gas	276	257	268	269
MSPGCL Total Generation	6477	6451	7435	6105
Central Sector Receipt	6910	6722	5141	5148
WIND	231	329	166	98
CPP / IPP Thermal	4895	4823	5060	4043
CPP / IPP Gas	0	0	0	0
SOLAR	749	756	0	0
Exchange with Mumbai	-1372	-1393	-861	-957
MSEDCL DEMAND MET	17890	17688	16941	14437
Load Shedding	0	0	0	0
MSEDCL DEMAND	17890	17688	16941	14437
TPCL GENERATION	895	900	1083	491
AEML GENERATION	499	458	502	372
MUMBAI DEMAND	2766	2751	2446	1820
STATE DEMAND MET	20656	20439	19387	16257
STATE DEMAND	20656	20439	19387	16257
Frequency (Hz)	50.01	50.01	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.02 Hrs	49.78 Hz at 16.55 Hrs	50	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 08/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	9.52	85.00	467	251
Unit 9	8.68	74.43	385	350
Unit 10	7.79	66.52	350	240
Total	25.99	225.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.54	82.58	470	360
Unit 5	10.78	82.76	485	360
Total	21.32	165.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	11.06	250	187
Unit 7	5.30	11.31	248	187
Unit 8	5.66	14.15	250	203
Total	16.28	36.52		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.60	16.81	159	140
Unit 5	9.81	79.80	425	385
Unit 6	10.02	79.19	435	392
Unit 7	0.00	0.00	0	0
Unit 8	10.56	85.42	460	300
Unit 9	10.49	85.60	457	375
Total	44.49	348.98		
Paras				
Unit 3	5.26	40.91	250	202
Unit 4	5.41	40.10	250	202
Total	10.67	81.01		
Khaparkheda				
Unit 1	3.28	27.34	160	110
Unit 2	3.84	32.48	175	135
Unit 3	3.96	31.77	180	155
Unit 4	4.16	31.69	180	163
Unit 5	10.39	83.60	480	400
Total	25.65	206.89		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.50	45.60	289	257
Total	6.50	45.60		
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)	0.48	6.38	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.48	6.38		
Koyna				
Stage 1-2	2.26	25.66	320	40
Stage 4	0.40	13.86	338	0
Stage 3	0.53	9.15	80	0
Total	3.19	48.68		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.37	3.90	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	2.45	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.52	4.26	22	21
SMLHY_PTN	0.08	0.34	4	3
GHATGHAR	0.90	1.80	125	0
Total	2.21	14.16		
Wind				
Total	3.65	85.73	0	0
Total	3.65	85.73		
CPP				
APML(Mus)	71.98	503.02	0	0
JSWEL(Mus)	24.08	188.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.38	30.72	0	0
Other(Mus)	9.52	73.38	0	0
Total	113.96	795.86		
SOLAR				
Total	5.52	49.66	0	0
Total	5.52	49.66		
Tata				
Trombay 5	8.85	69.34	468	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	22.41	117	116
Trombay 7B	1.58	12.58	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.49	30.26	459	2
Total	18.72	134.59		
AEML				
DTPS U-1&2	10.17	81.06	502	370
Total	10.17	81.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.40	1064.69	MSPGCL Total	156.30	1173.14
			MSPGCL Thml+Gas	150.90	1110.29	Koyna 1,2 & 4 Total	2.66	39.53
			MSPGCL Hydro	5.40	62.85	State Total	308.31	2320.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5925	75	289	6289	159	4555	0	0	5001	4938	-1178	14763	0	14763	2154	16917	50.01
2	5808	65	268	6141	74	4426	0	0	5066	4965	-1104	14502	0	14502	2000	16502	50.01
3	5759	85	279	6123	68	4338	0	0	5153	4986	-1034	14481	0	14481	1900	16381	50.02
4	5761	75	269	6105	98	4043	0	0	5259	5148	-957	14437	0	14437	1820	16257	50.01
5	5809	74	280	6163	143	4127	0	0	5331	5633	-924	15142	0	15142	1787	16929	50.01
6	6060	79	279	6418	70	4635	0	4	5654	5749	-885	15991	0	15991	1821	17812	50.01
7	6119	324	279	6722	29	4743	0	16	6116	6033	-709	16834	0	16834	1857	18691	50.00
8	6174	276	279	6729	62	4753	0	144	6901	6707	-765	17630	0	17630	1972	19602	49.98
9	6229	170	279	6678	42	4718	0	363	6933	7009	-1211	17599	0	17599	2194	19793	49.98
10	6216	178	267	6661	84	4775	0	590	6829	7041	-1526	17625	0	17625	2477	20102	50.02
11	6140	162	257	6559	86	4910	0	718	6776	6744	-1448	17569	0	17569	2677	20246	50.02
12	6053	148	276	6477	231	4895	0	749	6854	6910	-1372	17890	0	17890	2766	20656	50.01
13	6090	104	257	6451	329	4823	0	756	6805	6722	-1393	17688	0	17688	2751	20439	50.01
14	5951	81	266	6298	251	4661	0	817	6768	6481	-1518	16990	0	16990	2650	19640	50.02
15	5786	269	266	6321	310	4711	0	627	6519	6644	-1314	17299	0	17299	2671	19970	49.96
16	5888	290	266	6444	257	4920	0	439	6427	6278	-1109	17229	0	17229	2666	19895	50.02
17	5831	301	266	6398	215	4955	0	241	6202	6151	-971	16989	0	16989	2578	19567	49.96
18	6040	283	257	6580	155	4948	0	54	5851	5832	-898	16671	0	16671	2494	19165	49.96
19	6129	623	276	7028	162	5017	0	0	5676	5577	-881	16903	0	16903	2481	19384	49.91
20	6193	974	268	7435	166	5060	0	0	5401	5141	-861	16941	0	16941	2446	19387	50.00
21	6200	274	268	6742	193	5107	0	0	5247	5217	-984	16275	0	16275	2313	18588	50.01
22	6145	192	278	6615	171	5086	0	0	5203	4972	-990	15854	0	15854	2249	18103	50.02
23	6062	146	268	6476	150	4902	0	0	5164	5309	-1109	15728	0	15728	2272	18000	50.02
24	6029	151	268	6448	141	4847	0	0	5366	5098	-1229	15305	0	15305	2265	17570	50.02
MUs	144.40	5.40	6.51	156.30	3.65	113.96	0.00	5.52	142.50	141.28	-26.37	394.33	0.00	394.33	55.26	449.60	50.00

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 08/Oct/2020

Position as on 6.30 Hrs of 09/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	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
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	Koyna STG-IV Unit-2	250	01/10/2020	09.00	08/10/2020	13.35	Breaker Work	
MSPGCL	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	
MSPGCL	Paras Unit 3	250	09/10/2020	02.51		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 09/Oct/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 II	InterState	07/10/2020	18.00	08/10/2020	08.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/10/2020	17.19		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).
Bableshwar- Aurangabad (Waluj)	IntraState	07/10/2020	09.15		Continued.	PO	Relay Replacement Work
Koradi III(Adani)-Koradi II ckt 2	IntraState	08/10/2020	05.21	08/10/2020	07.30	HT	Sparking on CVT
Koradi III(Adani)-Korad II Ckt-I	IntraState	08/10/2020	09.19	08/10/2020	15.29	PO	To attend Hot Spot
N.Koyna-Karad -Ckt II	IntraState	08/10/2020	09.58		Continued.	PO	To attend Hot Spot
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
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)
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
Ghatghar - Jindal	IntraState	07/10/2020	10.00	08/10/2020	18.50	PO	Taken Spare Transformer in service
Koradi-Khaperkheda	IntraState	07/10/2020	10.51	08/10/2020	09.04	PO	Tan Delta Measurment of CTs
Padghe - Jindal	IntraState	08/10/2020	00.15	08/10/2020	00.45	HT	Isolater problem
Phursungi-Serum	IntraState	08/10/2020	08.50	08/10/2020	19.32	PO	Double Jumpering at L.N.-30 due to hotspot & Replacement of PID faulty strings.
karad - Dasgaon	IntraState	08/10/2020	09.43	08/10/2020	18.07	PO	220kv line bay maintenance work and Tan Delta testing.
Chandrapur(MIDC)-Ballarshah II	IntraState	08/10/2020	11.05	08/10/2020	18.19	PO	Line Rectification work
Mahad - Pedambe	IntraState	08/10/2020	17.00		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	08/10/2020	09.02	08/10/2020	17.41	PO	OLTC Overhauling work.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	08/10/2020	11.42	08/10/2020	16.00	EO	To attend Hot Spot

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