

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.130	920.295	1) Gujrat	3.653	36.146
2) Hydro	9.032	57.447	2) Madhya Pradesh	8.772	30.221
3) Gas	6.446	39.096	3) Chattisgarh	5.730	38.460
Total MSPGCL	154.608	1016.838	4) Maharashtra	121.560	853.265
B) 1) APML	71.432	431.045	5) Goa (Amona)	-1.745	-10.650
2) JSWEL	24.253	164.664	Total	137.970	947.442
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.003	148.408
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.328	174.579
5) WPCL	6.064	22.337	c) MSEDCL Bilateral *	35.630	227.380
6) Other IPP	9.790	63.863	Include PX	6.283	37.746
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.003	148.408
C) 1) TPCL Thermal	9.761	60.498	Include PX	8.191	50.668
2) TPCL Hydro	4.502	24.769	Standby	0.000	0.000
3) TPCL Gas	4.385	30.604	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.739	70.889	1) MSEDCL	391.920	2597.833
D) STATE			2) Mumbai Discoms	54.715	361.338
1) Thermal	271.169	1733.591	TOTAL STATE	446.635	2959.171
(A1+C1+C4+(B1-B6))					
2) Hydro	13.534	82.216			
(A2+C2)					
3) Gas	10.831	69.700			
(A3+B7+C3)					
4) Wind	8.240	82.082			
6) SOLAR	4.891	44.141			
TOTAL STATE	308.665	2011.730			

* 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 3 Hrs
MSPGCL Thermal	5878	5836	5684	5806
MSPGCL Hydro	238	164	1153	85
MSPGCL Gas	266	255	267	278
MSPGCL Total Generation	6382	6255	7104	6169
Central Sector Receipt	6752	6808	5397	4428
WIND	169	153	444	415
CPP / IPP Thermal	4863	4743	4797	4502
CPP / IPP Gas	0	0	0	0
SOLAR	716	742	0	0
Exchange with Mumbai	-1302	-1288	-857	-854
MSEDCL DEMAND MET	17580	17413	16885	14660
Load Shedding	0	0	0	0
MSEDCL DEMAND	17580	17413	16885	14660
TPCL GENERATION	931	933	1105	617
AEML GENERATION	499	493	500	372
MUMBAI DEMAND	2732	2714	2462	1843
STATE DEMAND MET	20312	20127	19347	16503
STATE DEMAND	20312	20127	19347	16503
Frequency (Hz)	50.01	50.02	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 04:02 Hrs	49.8 Hz at 18:13 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 07/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	8.56	75.48	439	302
Unit 9	6.24	65.75	397	0
Unit 10	6.80	58.72	330	240
Total	21.60	199.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.04	72.05	495	375
Unit 5	11.32	71.98	500	370
Total	22.37	144.03		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.14	5.74	242	166
Unit 7	5.19	6.02	248	187
Unit 8	5.56	8.48	250	200
Total	15.88	20.24		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	1.73	13.21	137	0
Unit 5	10.05	69.98	430	408
Unit 6	10.12	69.17	429	410
Unit 7	0.00	0.00	0	0
Unit 8	11.01	74.86	463	455
Unit 9	10.99	75.11	460	455
Total	43.90	304.49		
Paras				
Unit 3	5.55	35.65	250	207
Unit 4	3.23	34.69	248	0
Total	8.77	70.34		
Khaparkheda				
Unit 1	3.44	24.05	155	115
Unit 2	4.00	28.64	175	145
Unit 3	4.26	27.81	185	160
Unit 4	4.23	27.53	185	165
Unit 5	10.67	73.21	465	410
Total	26.60	181.24		
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	6.45	39.10	289	254
Total	6.45	39.10		
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)	0.68	5.90	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.68	5.90		
Koyna				
Stage 1-2	4.01	23.40	505	40
Stage 4	2.29	13.46	611	0
Stage 3	1.39	8.63	240	0
Total	7.68	45.49		
Hydro				
KDPH	0.00	0.77	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.41	3.54	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	2.11	40	0
RNGR+BHTSA	0.00	0.14	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.54	3.75	23	22
SMLHY_PTN	0.04	0.26	2	1
GHATGHAR	0.00	0.90	0	0
Total	1.35	11.96		
Wind				
Total	8.24	82.08	0	0
Total	8.24	82.08		
CPP				
APML(Mus)	71.43	431.04	0	0
JSWEL(Mus)	24.25	164.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.06	22.34	0	0
Other(Mus)	9.79	63.86	0	0
Total	111.54	681.91		
SOLAR				
Total	4.89	44.14	0	0
Total	4.89	44.14		
Tata				
Trombay 5	9.76	60.50	468	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	19.60	118	115
Trombay 7B	1.58	11.00	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.50	24.77	459	2
Total	18.65	115.87		
AEML				
DTPS U-1&2	10.74	70.89	500	371
Total	10.74	70.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.13	920.30	MSPGCL Total	154.61	1016.84
			MSPGCL Thml+Gas	145.58	959.39	Koyna 1,2 & 4 Total	6.30	36.86
			MSPGCL Hydro	9.03	57.45	State Total	308.66	2011.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5687	280	279	6246	422	4409	0	0	4974	4916	-1074	14919	0	14919	2070	16989	49.99
2	5778	230	268	6276	343	4495	0	0	4714	4737	-1023	14828	0	14828	1929	16757	50.02
3	5806	85	278	6169	415	4502	0	0	4880	4428	-854	14660	0	14660	1843	16503	50.02
4	5604	69	268	5941	514	4372	0	0	4956	4985	-889	14923	0	14923	1760	16683	50.01
5	5646	70	289	6005	563	4342	0	0	5018	5362	-855	15417	0	15417	1717	17134	50.03
6	5862	207	279	6348	560	4533	0	0	5255	5324	-762	16003	0	16003	1760	17763	49.97
7	5906	394	269	6569	534	4553	0	14	6107	6200	-597	17273	0	17273	1800	19073	50.00
8	5874	173	279	6326	473	4567	0	133	6726	6739	-704	17534	0	17534	1917	19451	50.04
9	5800	402	268	6470	284	4600	0	316	6618	6747	-970	17447	0	17447	2171	19618	50.01
10	5818	492	277	6587	170	4630	0	513	6780	7021	-1215	17706	0	17706	2453	20159	49.98
11	5843	247	257	6347	112	4825	0	644	6858	6821	-1347	17402	0	17402	2674	20076	49.98
12	5878	238	266	6382	169	4863	0	716	6883	6752	-1302	17580	0	17580	2732	20312	50.01
13	5836	164	255	6255	153	4743	0	742	6668	6808	-1288	17413	0	17413	2714	20127	50.02
14	5849	205	254	6308	197	4763	0	663	6568	6383	-1487	16827	0	16827	2622	19449	50.00
15	6009	452	255	6716	213	4806	0	565	6318	6263	-1419	17144	0	17144	2663	19807	49.98
16	5986	649	265	6900	311	4811	0	354	6153	6085	-1252	17209	0	17209	2674	19883	49.98
17	5975	541	256	6772	315	4813	0	187	5846	5743	-1060	16770	0	16770	2628	19398	49.99
18	5699	677	276	6652	326	4764	0	44	5464	5455	-926	16315	0	16315	2530	18845	49.99
19	5580	1345	257	7182	395	4808	0	0	5279	5157	-881	16661	0	16661	2488	19149	49.91
20	5684	1153	267	7104	444	4797	0	0	5251	5397	-857	16885	0	16885	2462	19347	50.03
21	5752	289	278	6319	493	4822	0	0	5245	5002	-1001	15635	0	15635	2357	17992	50.02
22	5690	224	269	6183	356	4586	0	0	5310	5393	-1151	15367	0	15367	2264	17631	50.01
23	5779	234	268	6281	296	4563	0	0	5238	5131	-1174	15097	0	15097	2253	17350	49.99
24	5789	212	269	6270	182	4572	0	0	4949	5121	-1240	14905	0	14905	2234	17139	50.00
MUs	139.13	9.03	6.45	154.61	8.24	111.54	0.00	4.89	138.06	137.97	-25.33	391.92	0.00	391.92	54.71	446.64	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 07/Oct/2020

Position as on 6.30 Hrs of 08/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	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	
CPP	SWPGL U-3	135	12/08/2020	00.45	07/10/2020	05.36	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45	07/10/2020	08.49	Zero Schedule by MSEDCL	
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	Koyana STG-IV Unit-2	250	01/10/2020	09.00		Continued.	Breaker Work	
MSPGCL	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	
MSPGCL	Chandrapur Unit 4	210	04/10/2020	05.00	07/10/2020	18.01	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	07/10/2020	08.19	07/10/2020	17.22	Furnace Pressure High	
MSPGCL	Koradi Unit 9	660	07/10/2020	17.21	07/10/2020	19.52	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 08/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 I	InterState	06/10/2020	17.53	07/10/2020	06.51	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	07/10/2020	10.23	07/10/2020	17.11	PO	CB Testing Work
Dhule Sar'Sarovar II	InterState	07/10/2020	18.00		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	06/10/2020	17.54	07/10/2020	06.41	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	06/10/2020	20.27	07/10/2020	06.34	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	07/10/2020	09.15		Continued.	PO	Relay Replacement Work
Aurangabad - Aurangabad(PG) I	IntraState	07/10/2020	11.47		Continued.	PO	Breaker Testing Work
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	07/10/2020	12.28	07/10/2020	18.53	PO	Line Maintenance work
Koradi III(Adani)-Koradi II ckt 2	IntraState	08/10/2020	05.21		Continued.	HT	Sparking on CVT
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		Continued.	PO	Taken Spare Transformer in service
Nagothane - ACCIL	IntraState	07/10/2020	11.13	07/10/2020	18.10	PO	Attending Hot Spot
ANANDNAGAR - PALAVA	IntraState	07/10/2020	12.41	07/10/2020	15.18	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 2	IntraState	07/10/2020	15.30	07/10/2020	17.30	PO	Attending Hot Spot
Padghe - Jindal	IntraState	08/10/2020	00.15	08/10/2020	00.45	HT	Isolater problem

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