

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Sep/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.488	3412.120	1) Gujrat	12.499	314.914
2) Hydro	8.355	217.593	2) Madhya Pradesh	6.623	182.872
3) Gas	6.424	148.002	3) Chattisgarh	5.900	136.900
Total MSPGCL	141.267	3777.715	4) Maharashtra	110.474	3566.214
B) 1) APML	52.046	1215.704	5) Goa (Amona)	-1.434	-29.829
2) JSWEL	19.054	494.295	Total	134.062	4171.071
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.071	679.668
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.132	756.013
5) WPCL	2.665	72.474	c) MSEDCL Bilateral *	27.437	819.436
6) Other IPP	8.118	208.712	Include PX	0.989	117.491
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.071	679.668
C) 1) TPCL Thermal	7.795	224.624	Include PX	13.635	467.101
2) TPCL Hydro	4.313	112.222	Standby	0.000	0.000
3) TPCL Gas	4.394	113.132	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.405	185.708	1) MSEDCL	347.442	9684.153
D) STATE			2) Mumbai Discoms	51.039	1391.698
1) Thermal	225.571	5813.637	TOTAL STATE	398.481	11075.851
(A1+C1+C4+(B1-B6))					
2) Hydro	12.668	329.815			
(A2+C2)					
3) Gas	10.818	261.134			
(A3+B7+C3)					
4) Wind	8.206	349.018			
6) SOLAR	7.156	151.177			
TOTAL STATE	264.419	6904.781			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5431	5282	5338	4982
MSPGCL Hydro	227	163	1632	122
MSPGCL Gas	270	257	271	273
MSPGCL Total Generation	5928	5702	7241	5377
Central Sector Receipt	6491	6344	5146	4390
WIND	228	161	439	516
CPP / IPP Thermal	3434	3202	3844	3067
CPP / IPP Gas	0	0	0	0
SOLAR	804	949	0	0
Exchange with Mumbai	-1339	-1452	-778	-818
MSEDCL DEMAND MET	15546	14906	15892	12532
Load Shedding	0	0	0	0
MSEDCL DEMAND	15546	14906	15892	12532
TPCL GENERATION	597	726	1054	473
AEML GENERATION	372	371	500	371
MUMBAI DEMAND	2308	2549	2332	1662
STATE DEMAND MET	17854	17455	18224	14194
STATE DEMAND	17854	17455	18224	14194
Frequency (Hz)	49.96	49.98	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.02 Hrs	49.67 Hz at 18.38 Hrs	49.97	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 28/Sep/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	10.70	304.08	534	336
Unit 9	11.13	301.33	482	440
Unit 10	9.55	200.44	413	370
Total	31.38	805.85		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.24	198.94	455	355
Unit 5	9.18	263.24	470	350
Total	18.41	462.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	19.70	0	0
Unit 7	0.00	30.40	0	0
Unit 8	0.00	64.10	0	0
Total	0.00	114.20		
Chandrapur				
Unit 3	3.76	106.85	163	130
Unit 4	3.70	78.96	157	153
Unit 5	9.66	260.74	425	365
Unit 6	8.52	121.58	420	319
Unit 7	0.61	0.61	249	0
Unit 8	10.19	282.23	465	360
Unit 9	9.94	277.30	460	360
Total	46.37	1128.26		
Paras				
Unit 3	5.00	121.71	250	186
Unit 4	5.21	116.49	250	187
Total	10.21	238.21		
Khaparkheda				
Unit 1	3.38	93.04	155	120
Unit 2	3.90	92.73	180	150
Unit 3	0.00	99.90	0	0
Unit 4	3.66	106.76	160	130
Unit 5	9.19	271.00	460	330
Total	20.12	663.42		
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	6.42	148.00	283	257
Total	6.42	148.00		
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)	1.24	33.78	54	41

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.24	33.78		
Koyna				
Stage 1-2	2.12	71.68	355	40
Stage 4	1.36	46.88	735	0
Stage 3	1.11	30.80	240	0
Total	4.58	149.36		
Hydro				
KDPH	0.89	5.00	37	37
VTRNA	0.42	4.48	61	0
TILLARI	0.38	11.11	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	9.68	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	3.38	0	0
ELDARY	0.52	14.50	22	21
SMLHY_PTN	0.59	12.08	25	24
GHATGHAR	0.66	8.00	125	0
Total	3.77	68.23		
Wind				
Total	8.21	349.02	0	0
Total	8.21	349.02		
CPP				
APML(Mus)	52.05	1215.70	0	0
JSWEL(Mus)	19.05	494.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.66	72.47	0	0
Other(Mus)	8.12	208.71	0	0
Total	81.88	1991.18		
SOLAR				
Total	7.16	151.18	0	0
Total	7.16	151.18		
Tata				
Trombay 5	7.80	224.62	451	286
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	71.13	118	116
Trombay 7B	1.59	42.01	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.31	112.22	436	2
Total	16.50	449.98		
AEML				
DTPS U-1&2	9.40	185.71	501	370
Total	9.40	185.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.49	3412.12	MSPGCL Total	141.27	3777.72
			MSPGCL Thml+Gas	132.91	3560.12	Koyna 1,2 & 4 Total	3.48	118.56
			MSPGCL Hydro	8.36	217.59	State Total	264.42	6904.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Sep/2020

Annexure-2

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	5017	137	272	5426	428	3208	0	0	4730	4634	-1062	12634	0	12634	1915	14549	49.98
2	5006	122	272	5400	401	3206	0	0	4653	4554	-959	12602	0	12602	1803	14405	49.99
3	4994	127	272	5393	478	3143	0	0	4721	4619	-878	12755	0	12755	1722	14477	49.98
4	4982	122	273	5377	516	3067	0	0	4712	4390	-818	12532	0	12532	1662	14194	49.99
5	4983	137	273	5393	573	3024	0	0	4879	5012	-767	13235	0	13235	1612	14847	49.98
6	5204	127	272	5603	522	3146	0	0	5271	5289	-805	13755	0	13755	1649	15404	49.98
7	5661	189	273	6123	432	3660	0	37	5635	5392	-834	14810	0	14810	1684	16494	49.99
8	5669	189	273	6131	337	3668	0	225	6277	6198	-926	15633	0	15633	1820	17453	49.99
9	5536	180	271	5987	204	3503	0	558	6392	6428	-1120	15560	0	15560	2073	17633	49.99
10	5431	227	270	5928	228	3434	0	804	6562	6491	-1339	15546	0	15546	2308	17854	49.96
11	5206	225	269	5700	177	3319	0	915	6638	6507	-1418	15200	0	15200	2459	17659	49.94
12	5232	167	260	5659	165	3234	0	892	6681	6738	-1467	15221	0	15221	2546	17767	49.99
13	5282	163	257	5702	161	3202	0	949	6647	6344	-1452	14906	0	14906	2549	17455	49.98
14	5097	173	258	5528	174	3073	0	869	6644	6525	-1362	14807	0	14807	2432	17239	50.02
15	4994	314	257	5565	230	3120	0	773	6563	6541	-1350	14879	0	14879	2439	17318	49.96
16	5268	247	268	5783	217	3285	0	612	6255	6245	-1340	14802	0	14802	2433	17235	49.96
17	5446	409	258	6113	235	3574	0	414	5964	5962	-1255	15043	0	15043	2401	17444	49.94
18	5325	435	259	6019	237	3768	0	106	5759	5708	-954	14884	0	14884	2362	17246	49.98
19	5333	1289	259	6881	346	3829	0	2	5561	5470	-783	15745	0	15745	2350	18095	49.84
20	5338	1632	271	7241	439	3844	0	0	5459	5146	-778	15892	0	15892	2332	18224	50.00
21	5298	753	271	6322	425	3854	0	0	5420	5065	-728	14938	0	14938	2225	17163	50.00
22	5313	381	271	5965	468	3797	0	0	5285	5080	-855	14455	0	14455	2137	16592	49.97
23	5413	338	283	6034	441	3584	0	0	5058	4876	-903	14032	0	14032	2087	16119	50.00
24	5460	272	262	5994	372	3341	0	0	5025	4848	-979	13576	0	13576	2039	15615	49.98
MUs	126.49	8.35	6.42	141.27	8.21	81.88	0.00	7.16	136.79	134.06	-25.13	347.44	0.00	347.44	51.04	398.48	49.97

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 28/Sep/2020

Position as on 6.30 Hrs of 29/Sep/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	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33	28/09/2020	20.55	Sparkling in generator R phase winding.	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
IPP	JSW (J) U3	300	09/09/2020	10.56		Continued.	CW Duct leakage	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Koyna STG- IV Unit - 1	250	20/09/2020	12.00		Continued.	CT Maintenance Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Sep/2020

Position as on 6.30 Hrs of 29/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	27/09/2020	23.39		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 29/Sep/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 Khandwa II	InterState	23/09/2020	17.54		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).
Padghe - Nagothane - II	IntraState	23/09/2020	12.32		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	27/09/2020	09.59	28/09/2020	09.21	HT	Over Voltage.
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	27/09/2020	19.38	28/09/2020	08.17	HT	Over Voltage
Padghe - Kalwa- I	IntraState	27/09/2020	22.23	28/09/2020	08.30	HT	Over Voltage
karad -kolhapur-I	IntraState	28/09/2020	03.00	28/09/2020	08.17	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	28/09/2020	08.57	28/09/2020	19.34	PO	Old Design Line Protection CVT Replacement With New Design CVT As Per OEM Recommendation.
Khadka-Aurangabad (Waluj)	IntraState	28/09/2020	17.28		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	28/09/2020	23.06		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
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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
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.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
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
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Sawantwadi-Bidri	IntraState	28/09/2020	00.05	28/09/2020	08.48	HT	Over Voltage
Kolhapur-Bidri	IntraState	28/09/2020	09.17	28/09/2020	17.00	PO	Quarterly Maintenance Work
Topworth - Kharghar	IntraState	28/09/2020	11.48	28/09/2020	17.57	PO	Replacement Of Old and Deteriorated Disc Insulator By Polymer Insulator
Karad -Mudshingi Ckt- IV	IntraState	28/09/2020	13.54	28/09/2020	16.30	PO	Bapat Camp Line Maintenance.
Sawantwadi-Bidri	IntraState	28/09/2020	23.25		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 KV 200MVA ICT II @ Tilwani	IntraState	28/09/2020	09.42	28/09/2020	17.07	PO	Quarterly Maintenance Work
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	28/09/2020	10.02	28/09/2020	16.20	EO	Attending Hot Spot

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