

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Sep/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.985	3285.632	1) Gujrat	10.505	302.415
2) Hydro	5.847	209.238	2) Madhya Pradesh	4.912	176.249
3) Gas	3.506	141.578	3) Chattisgarh	5.250	131.000
Total MSPGCL	129.338	3636.448	4) Maharashtra	108.422	3455.740
B) 1) APLM	50.858	1163.658	5) Goa (Amona)	-0.821	-28.395
2) JSWEL	17.383	475.241	Total	128.268	4037.009
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.216	658.597
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.049	730.881
5) WPCL	2.598	69.809	c) MSEDCL Bilateral *	27.057	791.999
6) Other IPP	7.308	200.594	Include PX	1.278	116.502
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.216	658.597
C) 1) TPCL Thermal	7.368	216.829	Include PX	10.740	453.466
2) TPCL Hydro	2.404	107.909	Standby	0.000	0.000
3) TPCL Gas	4.374	108.738	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.203	176.303	1) MSEDCL	330.712	9336.711
D) STATE			2) Mumbai Discoms	45.398	1340.659
1) Thermal	214.703	5588.066	TOTAL STATE	376.110	10677.370
(A1+C1+C4+(B1-B6))					
2) Hydro	8.251	317.147			
(A2+C2)					
3) Gas	7.880	250.316			
(A3+B7+C3)					
4) Wind	10.582	340.812			
6) SOLAR	6.426	144.021			
TOTAL STATE	247.842	6640.362			

* 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	5045	4581	5582	4684
MSPGCL Hydro	222	164	754	135
MSPGCL Gas	120	116	140	122
MSPGCL Total Generation	5387	4861	6476	4941
Central Sector Receipt	6167	5989	5132	4928
WIND	303	295	494	573
CPP / IPP Thermal	3421	3026	3692	3085
CPP / IPP Gas	0	0	0	0
SOLAR	642	851	0	0
Exchange with Mumbai	-1072	-1182	-643	-803
MSEDCL DEMAND MET	14848	13840	15151	12724
Load Shedding	0	0	0	0
MSEDCL DEMAND	14848	13840	15151	12724
TPCL GENERATION	478	497	958	476
AEML GENERATION	372	372	488	373
MUMBAI DEMAND	1922	2051	2089	1652
STATE DEMAND MET	16770	15891	17240	14376
STATE DEMAND	16770	15891	17240	14376
Frequency (Hz)	50.02	50.00	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 19.02 Hrs	49.81 Hz at 18.39 Hrs	49.99	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 27/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	9.77	293.38	542	295
Unit 9	9.18	290.20	474	250
Unit 10	4.50	190.89	390	0
Total	23.44	774.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.20	189.70	500	355
Unit 5	9.12	254.07	500	360
Total	18.32	443.77		
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	3.59	103.10	160	141
Unit 4	3.68	75.25	158	150
Unit 5	9.44	251.08	428	365
Unit 6	9.41	113.06	425	360
Unit 7	0.00	0.00	0	0
Unit 8	9.97	272.04	475	355
Unit 9	9.72	267.36	455	360
Total	45.81	1081.89		
Paras				
Unit 3	4.40	116.72	225	158
Unit 4	4.67	111.28	225	165
Total	9.07	228.00		
Khaparkheda				
Unit 1	3.32	89.66	155	115
Unit 2	3.70	88.83	185	120
Unit 3	3.43	99.90	165	67
Unit 4	3.42	103.10	170	130
Unit 5	9.47	261.81	460	365
Total	23.34	643.31		
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	3.51	141.58	271	116
Total	3.51	141.58		
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)	1.26	32.54	53	52

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.26	32.54		
Koyna				
Stage 1-2	1.44	69.56	240	40
Stage 4	0.17	45.52	112	0
Stage 3	0.82	29.69	192	0
Total	2.43	144.78		
Hydro				
KDPH	0.89	4.11	37	37
VTRNA	0.43	4.07	61	0
TILLARI	0.34	10.73	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	9.36	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	3.38	0	0
ELDARY	0.54	13.98	23	22
SMLHY_PTN	0.59	11.50	25	24
GHATGHAR	0.35	7.34	180	0
Total	3.42	64.46		
Wind				
Total	10.58	340.81	0	0
Total	10.58	340.81		
CPP				
APML(Mus)	50.86	1163.66	0	0
JSWEL(Mus)	17.38	475.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.60	69.81	0	0
Other(Mus)	7.31	200.59	0	0
Total	78.15	1909.30		
SOLAR				
Total	6.43	144.02	0	0
Total	6.43	144.02		
Tata				
Trombay 5	7.37	216.83	397	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	68.32	118	105
Trombay 7B	1.59	40.42	67	62
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.40	107.91	405	2
Total	14.15	433.48		
AEML				
DTPS U-1&2	9.20	176.30	488	371
Total	9.20	176.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.98	3285.63	MSPGCL Total	129.34	3636.45
			MSPGCL Thml+Gas	123.49	3427.21	Koyna 1,2 & 4 Total	1.61	115.09
			MSPGCL Hydro	5.85	209.24	State Total	247.84	6640.36

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	4689	285	121	5095	747	3181	0	0	4664	4774	-1059	12738	0	12738	1912	14650	49.99
2	4670	171	122	4963	644	3164	0	0	4904	4823	-958	12636	0	12636	1803	14439	49.99
3	4664	125	132	4921	632	3157	0	0	4809	4828	-864	12674	0	12674	1712	14386	50.00
4	4684	135	122	4941	573	3085	0	0	4983	4928	-803	12724	0	12724	1652	14376	50.00
5	4760	139	122	5021	523	3132	0	0	4994	5002	-764	12914	0	12914	1612	14526	49.97
6	5073	130	123	5326	474	3611	0	0	5147	4668	-783	13296	0	13296	1632	14928	50.00
7	5394	130	123	5647	439	3747	0	22	5476	5368	-687	14536	0	14536	1654	16190	50.01
8	5381	179	123	5683	362	3714	0	180	5646	5806	-665	15080	0	15080	1689	16769	50.04
9	5150	228	121	5499	282	3529	0	445	6094	6106	-923	14938	0	14938	1779	16717	50.06
10	5045	222	120	5387	303	3421	0	642	6110	6167	-1072	14848	0	14848	1922	16770	50.02
11	4815	208	119	5142	294	3154	0	852	6400	6126	-1161	14407	0	14407	2021	16428	50.03
12	4669	174	117	4960	274	3032	0	858	6432	6447	-1192	14379	0	14379	2060	16439	50.01
13	4581	164	116	4861	295	3026	0	851	6116	5989	-1182	13840	0	13840	2051	15891	50.00
14	4630	168	116	4914	291	2975	0	826	5863	5590	-1136	13460	0	13460	2004	15464	50.01
15	4668	178	116	4962	330	2946	0	761	5821	5487	-1128	13358	0	13358	1970	15328	49.95
16	4783	226	123	5132	356	2940	0	499	5613	5766	-1108	13585	0	13585	1949	15534	49.95
17	4943	217	148	5308	351	3101	0	365	5565	5508	-1077	13556	0	13556	1914	15470	49.98
18	5064	325	118	5507	377	3226	0	123	5398	5255	-913	13575	0	13575	1892	15467	49.97
19	5360	682	150	6192	460	3495	0	2	5318	5181	-694	14636	0	14636	1963	16599	49.94
20	5582	754	140	6476	494	3692	0	0	5318	5132	-643	15151	0	15151	2089	17240	50.02
21	5377	428	220	6025	582	3420	0	0	5296	5030	-782	14275	0	14275	2056	16331	49.95
22	5387	267	261	5915	555	3139	0	0	5076	5139	-806	13942	0	13942	2037	15979	49.98
23	5346	189	271	5806	486	3126	0	0	4731	4564	-753	13229	0	13229	2023	15252	49.99
24	5270	123	262	5655	458	3134	0	0	4547	4584	-896	12935	0	12935	2002	14937	49.98
MUs	119.99	5.85	3.51	129.34	10.58	78.15	0.00	6.43	130.32	128.27	-22.05	330.71	0.00	330.71	45.40	376.11	49.99

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 27/Sep/2020

Position as on 6.30 Hrs of 28/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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	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 27/Sep/2020

Position as on 6.30 Hrs of 28/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	21/09/2020	00.14	27/09/2020	15.40	For Boiler RLA Work & Validity Extention.	
MSPGCL	Koradi Unit 10	660	21/09/2020	17.33	27/09/2020	09.01	conveyor Belt Problem.	
MSPGCL	Khaparkheda Unit 3	210	27/09/2020	23.39		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 28/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 (Tripped on SOTF While Charging.
Padghe - Nagothane - II	IntraState	23/09/2020	12.32		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	25/09/2020	22.12	27/09/2020	09.50	HT	Over Voltage (RFC at.19:58 Dt.26.09.2020)
Khadka-Aurangabad (Waluj)	IntraState	26/09/2020	17.54	27/09/2020	09.39	HT	Over Voltage
Padghe - Kalwa- I	IntraState	26/09/2020	23.13	27/09/2020	09.10	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	27/09/2020	09.59		Continued.	HT	Over Voltage (RFC 19.36)
Chandrapur - Khaperkheda	IntraState	27/09/2020	10.13	27/09/2020	14.37	EO	Replace insulator string at LOC No.152.
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	27/09/2020	19.38		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	27/09/2020	22.23		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	28/09/2020	03.00		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
Satana-Gangapur	IntraState	26/09/2020	17.19	27/09/2020	11.25	T	Distance Protection
Osmanabad - Solapur (Bale)	IntraState	26/09/2020	21.02	27/09/2020	10.58	T	Distance Relay Testing Work
Chandrapur(MIDC)-Ballarshah I	IntraState	27/09/2020	08.16	27/09/2020	18.36	PO	Rectification Work Of 220 Kv M/C Line From 400 Kv Chandrapur 2 To 220 Kv MIDC S/S.
New Koyna - Pedambe	IntraState	27/09/2020	11.55	27/09/2020	19.08	HT	To Replace broken R Phase Conductor from Main Bus Isolator To Breaker
Pophali - New Koyna	IntraState	27/09/2020	13.31	27/09/2020	13.34	T	Backup Protection
Kandalgaon - Koyna (Pophali)	IntraState	27/09/2020	13.32	27/09/2020	21.10	T	Distance Protection
Sawantwadi-Bidri	IntraState	28/09/2020	00.05		Continued.	HT	Over Voltage

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