

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Sep/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.752	3165.647	1) Gujrat	13.520	291.910
2) Hydro	6.959	203.391	2) Madhya Pradesh	4.728	171.337
3) Gas	2.852	138.072	3) Chattisgarh	4.800	125.750
Total MSPGCL	129.563	3507.110	4) Maharashtra	107.585	3347.318
B) 1) APML	47.862	1112.800	5) Goa (Amona)	-1.627	-27.574
2) JSWEL	17.936	457.858	Total	129.006	3908.741
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.314	640.380
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.705	708.832
5) WPCL	2.550	67.211	c) MSEDCL Bilateral *	31.558	764.941
6) Other IPP	7.093	193.286	Include PX	4.595	115.224
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.314	640.380
C) 1) TPCL Thermal	7.434	209.461	Include PX	14.397	442.726
2) TPCL Hydro	3.056	105.505	Standby	0.000	0.000
3) TPCL Gas	4.404	104.364	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.044	167.100	1) MSEDCL	331.231	9005.999
D) STATE			2) Mumbai Discoms	48.643	1295.261
1) Thermal	211.671	5373.363	TOTAL STATE	379.874	10301.260
(A1+C1+C4+(B1-B6))					
2) Hydro	10.015	308.896			
(A2+C2)					
3) Gas	7.256	242.436			
(A3+B7+C3)					
4) Wind	18.115	330.230			
6) SOLAR	3.811	137.595			
TOTAL STATE	250.868	6392.520			

* 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	5077	4761	5501	4757
MSPGCL Hydro	409	181	642	201
MSPGCL Gas	117	116	120	121
MSPGCL Total Generation	5603	5058	6263	5079
Central Sector Receipt	6754	5955	5541	4069
WIND	541	855	706	815
CPP / IPP Thermal	3169	3052	3633	2872
CPP / IPP Gas	0	0	0	0
SOLAR	370	496	2	0
Exchange with Mumbai	-1207	-1425	-792	-757
MSEDCL DEMAND MET	15230	13991	15353	12078
Load Shedding	0	0	0	0
MSEDCL DEMAND	15230	13991	15353	12078
TPCL GENERATION	577	560	1004	485
AEML GENERATION	370	369	473	369
MUMBAI DEMAND	2154	2354	2269	1611
STATE DEMAND MET	17384	16345	17622	13689
STATE DEMAND	17384	16345	17622	13689
Frequency (Hz)	50.00	50.03	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.75 Hz at 17.42 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 26/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	11.39	283.62	540	425
Unit 9	11.60	281.02	522	464
Unit 10	0.00	186.39	0	0
Total	22.99	751.03		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.90	180.50	490	360
Unit 5	8.88	244.94	470	355
Total	17.78	425.45		
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	3.71	99.50	164	120
Unit 4	3.66	71.58	160	146
Unit 5	9.13	241.65	408	365
Unit 6	9.32	103.65	420	360
Unit 7	0.00	0.00	0	0
Unit 8	9.68	262.07	450	360
Unit 9	9.78	257.64	457	360
Total	45.29	1036.08		
Paras				
Unit 3	4.71	112.31	220	184
Unit 4	4.85	106.61	250	171
Total	9.56	218.92		
Khaparkheda				
Unit 1	3.26	86.34	150	120
Unit 2	3.92	85.13	180	115
Unit 3	3.76	96.46	178	141
Unit 4	3.72	99.69	179	124
Unit 5	9.48	252.34	460	360
Total	24.14	619.96		
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	2.85	138.07	131	107
Total	2.85	138.07		
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)	1.17	31.28	52	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.17	31.28		
Koyna				
Stage 1-2	1.98	68.13	260	40
Stage 4	0.00	45.35	0	0
Stage 3	0.61	28.88	160	0
Total	2.58	142.35		
Hydro				
KDPH	0.89	3.22	37	37
VTRNA	0.78	3.64	61	0
TILLARI	0.65	10.39	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	9.06	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	3.38	0	0
ELDARY	0.54	13.45	23	22
SMLHY_PTN	0.62	10.91	26	25
GHATGHAR	0.53	6.99	250	0
Total	4.38	61.04		
Wind				
Total	18.12	330.23	0	0
Total	18.12	330.23		
CPP				
APML(Mus)	47.86	1112.80	0	0
JSWEL(Mus)	17.94	457.86	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.55	67.21	0	0
Other(Mus)	7.09	193.29	0	0
Total	75.44	1831.16		
SOLAR				
Total	3.81	137.60	0	0
Total	3.81	137.60		
Tata				
Trombay 5	7.43	209.46	409	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	65.53	118	116
Trombay 7B	1.60	38.83	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.06	105.50	411	2
Total	14.89	419.33		
AEML				
DTPS U-1&2	9.04	167.10	473	368
Total	9.04	167.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.75	3165.65	MSPGCL Total	129.56	3507.11
			MSPGCL Thml+Gas	122.60	3303.72	Koyna 1,2 & 4 Total	1.98	113.48
			MSPGCL Hydro	6.96	203.39	State Total	250.87	6392.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Sep/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	4797	260	119	5176	1045	2887	0	0	4387	4357	-1018	12447	0	12447	1874	14321	50.02
2	4781	190	120	5091	1062	2886	0	0	4416	4234	-910	12363	0	12363	1765	14128	50.02
3	4764	190	120	5074	955	2854	0	0	4432	4067	-825	12125	0	12125	1681	13806	50.01
4	4757	201	121	5079	815	2872	0	0	4414	4069	-757	12078	0	12078	1611	13689	50.00
5	4812	191	120	5123	748	2879	0	0	4457	4704	-740	12714	0	12714	1595	14309	49.99
6	5122	185	121	5428	684	3069	0	0	5000	4874	-767	13288	0	13288	1623	14911	50.00
7	5146	231	131	5508	677	3159	0	13	6022	5749	-796	14310	0	14310	1656	15966	50.04
8	4755	248	121	5124	572	3078	0	74	6774	6542	-887	14503	0	14503	1751	16254	50.00
9	4800	388	119	5307	491	3074	0	207	6696	6544	-1035	14588	0	14588	1935	16523	50.01
10	5077	409	117	5603	541	3169	0	370	6562	6754	-1207	15230	0	15230	2154	17384	50.00
11	5308	291	117	5716	535	3247	0	432	6605	6250	-1380	14800	0	14800	2318	17118	50.00
12	4941	222	107	5270	626	3148	0	538	6649	6158	-1438	14302	0	14302	2395	16697	49.99
13	4761	181	116	5058	855	3052	0	496	6353	5955	-1425	13991	0	13991	2354	16345	50.03
14	4746	171	116	5033	813	2955	0	502	5784	5546	-1344	13504	0	13504	2270	15774	50.03
15	4776	335	116	5227	889	2959	0	495	5426	5514	-1326	13758	0	13758	2260	16018	49.97
16	4943	219	117	5279	983	3130	0	371	5379	5337	-1310	13790	0	13790	2242	16032	50.03
17	4825	170	116	5111	1063	3126	0	228	5776	5488	-1250	13766	0	13766	2206	15972	49.92
18	5008	210	117	5335	1010	3187	0	79	5813	5577	-1011	14177	0	14177	2164	16341	49.89
19	5323	649	118	6090	785	3520	0	4	5664	5561	-850	15110	0	15110	2210	17320	49.93
20	5501	642	120	6263	706	3633	0	2	5582	5541	-792	15353	0	15353	2269	17622	50.02
21	5415	334	120	5869	598	3568	0	0	5312	5249	-930	14354	0	14354	2174	16528	49.99
22	5275	356	120	5751	593	3483	0	0	5111	5145	-878	14094	0	14094	2094	16188	50.01
23	5183	336	121	5640	491	3288	0	0	5085	5012	-883	13548	0	13548	2053	15601	50.01
24	4936	350	122	5408	578	3218	0	0	4700	4779	-946	13037	0	13037	1989	15026	50.00
MUs	119.75	6.96	2.85	129.56	18.11	75.44	0.00	3.81	132.40	129.01	-24.71	331.23	0.00	331.23	48.64	379.87	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 26/Sep/2020

Position as on 6.30 Hrs of 27/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 26/Sep/2020

Position as on 6.30 Hrs of 27/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 26/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 27/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
Khadka-Aurangabad (Waluj)	IntraState	25/09/2020	18.50	26/09/2020	10.16	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)
karad -kolhapur-II	IntraState	25/09/2020	23.15	26/09/2020	09.40	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/09/2020	23.25	26/09/2020	08.44	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	26/09/2020	00.06	26/09/2020	09.38	HT	Over Voltage
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
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 II @Chandrapur GCR	IntraState	14/09/2020	10.19	26/09/2020	16.50	PO	Replacement of Old Fan & Pump Control Cubical of R & B-Ph Unit of ICT2 by New One & Other Allied Work.
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
Nanded-Ghatodi	IntraState	25/09/2020	20.26	26/09/2020	09.28	EO	To attend Hot Spot
Nanded-Ghatodi	IntraState	26/09/2020	06.15	26/09/2020	09.28	EO	Attending Hot Spot
Chandrapur(MIDC)-Ballarshah I	IntraState	26/09/2020	08.32	26/09/2020	18.56	PO	Rectification Work of 220KV M/C Line from 400KV CHD 2 to 220KV MIDC S/S.
Pedambe-Nerle	IntraState	26/09/2020	09.07	26/09/2020	19.35	PO	Replacement of damaged conductor at LOC Nos.39,40,41,66 on urgent basis.

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 26/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 27/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar-Gangapur	IntraState	26/09/2020	14.42	26/09/2020	21.50	PO	Replacement of Flashover String at Loc. No.29(R Phase) Observed During Drone Patrolling.
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
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	25/09/2020	17.05	26/09/2020	13.12	T	LV side tripped
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	25/09/2020	23.00	26/09/2020	02.10	EO	To attend Hot Spot

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