

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.576	2130.330	1) Gujrat	9.890	180.523
2) Hydro	4.373	141.755	2) Madhya Pradesh	4.894	132.448
3) Gas	6.686	103.066	3) Chattisgarh	3.940	77.470
Total MSPGCL	141.635	2375.151	4) Maharashtra	121.327	2359.366
B) 1) APML	48.357	659.506	5) Goa (Amona)	-0.992	-4.112
2) JSWEL	18.518	302.041	Total	139.059	2745.695
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.958	450.530
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.154	489.197
5) WPCL	2.484	44.265	c) MSEDCL Bilateral *	25.068	526.823
6) Other IPP	6.933	128.839	Include PX	-0.349	103.980
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.958	450.530
C) 1) TPCL Thermal	7.524	140.228	Include PX	15.807	320.406
2) TPCL Hydro	3.694	71.339	Standby	0.000	0.000
3) TPCL Gas	4.377	68.085	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.616	84.930	1) MSEDCL	346.221	6038.844
D) STATE			2) Mumbai Discoms	49.365	853.779
1) Thermal	219.008	3490.139	TOTAL STATE	395.586	6892.623
(A1+C1+C4+(B1-B6))					
2) Hydro	8.067	213.094			
(A2+C2)					
3) Gas	11.063	171.151			
(A3+B7+C3)					
4) Wind	14.587	177.004			
6) SOLAR	3.802	95.540			
TOTAL STATE	256.527	4146.928			

* 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	5717	5220	5979	5195
MSPGCL Hydro	421	202	323	96
MSPGCL Gas	286	269	280	290
MSPGCL Total Generation	6424	5691	6582	5581
Central Sector Receipt	7060	6484	5440	4881
WIND	514	398	945	651
CPP / IPP Thermal	3213	2989	3758	2968
CPP / IPP Gas	0	0	0	0
SOLAR	266	558	0	0
Exchange with Mumbai	-1474	-1541	-1028	-973
MSEDCL DEMAND MET	16003	14579	15697	13108
Load Shedding	0	0	0	0
MSEDCL DEMAND	16003	14579	15697	13108
TPCL GENERATION	609	710	944	497
AEML GENERATION	188	189	230	188
MUMBAI DEMAND	2271	2440	2202	1658
STATE DEMAND MET	18274	17019	17899	14766
STATE DEMAND	18274	17019	17899	14766
Frequency (Hz)	50.01	50.00	50.05	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.86 Hz at 04.10 Hrs	50.01	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 17/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	11.35	192.50	564	457
Unit 9	11.63	189.26	536	414
Unit 10	9.77	155.59	420	380
Total	32.75	537.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.86	144.68	490	350
Unit 5	8.80	165.62	445	350
Total	17.66	310.29		
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	66.50	163	142
Unit 4	3.71	39.11	158	151
Unit 5	9.03	159.77	410	345
Unit 6	9.36	21.83	425	350
Unit 7	0.00	0.00	0	0
Unit 8	9.52	174.58	460	360
Unit 9	9.92	168.53	480	360
Total	45.30	630.31		
Paras				
Unit 3	4.63	71.00	210	180
Unit 4	4.84	66.37	240	187
Total	9.46	137.36		
Khaparkheda				
Unit 1	3.74	55.52	165	135
Unit 2	3.94	51.96	180	160
Unit 3	3.92	63.26	180	158
Unit 4	3.98	64.07	185	161
Unit 5	9.81	166.01	495	358
Total	25.40	400.82		
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	6.69	103.07	293	234
Total	6.69	103.07		
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)	1.23	20.65	52	51

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.23	20.65		
Koyna				
Stage 1-2	1.22	46.35	125	40
Stage 4	0.49	40.44	250	0
Stage 3	0.07	20.67	38	0
Total	1.77	107.46		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.36	1.86	61	0
TILLARI	0.68	4.72	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	5.96	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.21	2.64	15	0
ELDARY	0.50	8.72	21	19
SMLHY_PTN	0.34	7.05	15	14
GHATGHAR	0.18	2.84	125	0
Total	2.60	34.30		
Wind				
Total	14.59	177.00	0	0
Total	14.59	177.00		
CPP				
APML(Mus)	48.36	659.51	0	0
JSWEL(Mus)	18.52	302.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.48	44.26	0	0
Other(Mus)	6.93	128.84	0	0
Total	76.29	1134.65		
SOLAR				
Total	3.80	95.54	0	0
Total	3.80	95.54		
Tata				
Trombay 5	7.52	140.23	376	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	42.72	118	116
Trombay 7B	1.57	25.36	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.69	71.34	386	2
Total	15.60	279.65		
AEML				
DTPS U-1&2	4.62	84.93	234	188
Total	4.62	84.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.58	2130.33	MSPGCL Total	141.64	2375.15
			MSPGCL Thml+Gas	137.26	2233.40	Koyna 1,2 & 4 Total	1.70	86.79
			MSPGCL Hydro	4.37	141.76	State Total	256.53	4146.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5210	97	234	5541	638	3160	0	0	5420	5186	-1258	13267	0	13267	1951	15218	50.02
2	5193	96	279	5568	593	3046	0	0	5106	4949	-1147	13009	0	13009	1830	14839	50.00
3	5207	101	270	5578	526	2984	0	0	4904	4999	-1055	13032	0	13032	1736	14768	49.98
4	5195	96	290	5581	651	2968	0	0	4876	4881	-973	13108	0	13108	1658	14766	49.96
5	5201	90	279	5570	625	2934	0	0	5073	5121	-935	13315	0	13315	1622	14937	49.94
6	5526	95	280	5901	598	3103	0	0	5565	5463	-975	14090	0	14090	1656	15746	49.99
7	5862	90	290	6242	474	3301	0	11	6153	5902	-1014	14916	0	14916	1689	16605	50.00
8	5916	116	285	6317	508	3336	0	104	6682	6447	-1124	15588	0	15588	1807	17395	50.04
9	5813	156	287	6256	561	3203	0	191	6934	7051	-1295	15967	0	15967	2003	17970	50.04
10	5717	421	286	6424	514	3213	0	266	6834	7060	-1474	16003	0	16003	2271	18274	50.01
11	5677	416	293	6386	410	3252	0	312	6947	6746	-1546	15560	0	15560	2425	17985	50.02
12	5450	187	280	5917	374	3188	0	436	7140	6398	-1596	14717	0	14717	2486	17203	50.00
13	5220	202	269	5691	398	2989	0	558	6918	6484	-1541	14579	0	14579	2440	17019	50.00
14	5196	187	279	5662	333	2891	0	616	6362	6062	-1466	14098	0	14098	2331	16429	50.01
15	5189	184	290	5663	378	2993	0	617	6248	6214	-1415	14450	0	14450	2296	16746	50.01
16	5299	189	269	5757	463	3154	0	395	6169	6123	-1384	14508	0	14508	2265	16773	50.00
17	5445	198	279	5922	700	3205	0	231	6330	5715	-1368	14405	0	14405	2238	16643	50.01
18	5498	138	268	5904	557	3174	0	65	6311	6473	-1376	14797	0	14797	2196	16993	49.99
19	5830	289	289	6408	644	3472	0	0	5981	5993	-1152	15365	0	15365	2232	17597	50.04
20	5979	323	280	6582	945	3758	0	0	6063	5440	-1028	15697	0	15697	2202	17899	50.05
21	5525	213	269	6007	1012	3459	0	0	5770	5147	-1063	14562	0	14562	2085	16647	50.02
22	5194	151	281	5626	1023	3193	0	0	5445	5177	-999	14020	0	14020	2017	16037	50.02
23	5094	185	290	5569	873	3192	0	0	4842	5205	-971	13868	0	13868	1984	15852	50.04
24	5140	153	270	5563	789	3124	0	0	4962	4823	-999	13300	0	13300	1945	15245	50.03
MUs	130.58	4.37	6.69	141.64	14.59	76.29	0.00	3.80	143.03	139.06	-29.15	346.22	0.00	346.22	49.37	395.59	50.01

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 17/Sep/2020

Position as on 6.30 Hrs of 18/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 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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
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	
MSPGCL	Ghatghar Unit-1	125	27/08/2020	05.25		Continued.	Runner band Drainage valve Leakage	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Sep/2020

Position as on 6.30 Hrs of 18/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	17/09/2020	09.04	17/09/2020	18.04	PO	To Carry out Power Line Crossing Stringing Work of 400KV D/C (Upgradable to 1200KV S/C) Wardha-Aurangabad Line Through Hot Line.
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 I	InterState	12/09/2020	01.05		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	18/09/2020	02.47		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/09/2020	17.49	17/09/2020	06.42	HT	Over Voltage
Padghe - Nagothane - II	IntraState	16/09/2020	20.00		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	16/09/2020	23.24	17/09/2020	09.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/09/2020	23.30	17/09/2020	11.01	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	16/09/2020	23.30	17/09/2020	10.36	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	17/09/2020	06.54	17/09/2020	16.57	PO	Replacement of Faulty Insulator String Detected In PID.
Akola II - Akola I Ckt-I	IntraState	17/09/2020	13.34	17/09/2020	14.31	T	Tripped at Akola AD End Only While Outage on Main Bay 414 At 400KV Akola End.
Bhusawal-Aurangabad	IntraState	17/09/2020	17.01		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/09/2020	17.01		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	17/09/2020	17.51		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	17/09/2020	21.23		Continued.	T	Distance Protection
Padghe - Kalwa-II	IntraState	17/09/2020	22.39	18/09/2020	06.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/09/2020	23.15		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/09/2020	01.44		Continued.	T	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.
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
Bombay Dyeing - Sahara	IntraState	15/09/2020	18.34	17/09/2020	16.03	T	Distance Protection
Panchanand Taloja	IntraState	16/09/2020	17.05	17/09/2020	15.44	T	R Phase Conductor Snapped
Karad(400kv) - Wathar	IntraState	17/09/2020	04.57	17/09/2020	05.10	T	Distance Protection

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 17/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pusad-Ghatodi	IntraState	17/09/2020	08.24	17/09/2020	19.05	HT	Outage of 220KV Wardha-Yeotmal Ckt.
Lonikand1 (400 Kv)-Theur II	IntraState	17/09/2020	08.43	18/09/2020	00.10	PO	Replacement of Existing 0.4 ACSR Conductor, Hardware & Insulator by HTLS Conductor.
Wardha-Yeotmal	IntraState	17/09/2020	08.56	17/09/2020	19.02	PO	Stringing of OPGW at Railway Crossing Diverted Site LOCS from 167 to 168
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	17/09/2020	09.10		Continued.	EO	Faulty Distance Relay Replacement At BBLR. Online Work. Lines Will Be In Service Throughout The Work.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	17/09/2020	09.40		Continued.	PO	Erection of 150 D/C Tower Below Existing Line In Between Loc No.2 -3 of ckt 1&2 2)Making Cut Point to This Tower to Increase Ground Clearance.
Mumewadi-Belewadi	IntraState	17/09/2020	10.05	17/09/2020	14.55	PO	Replacement of Faulty Insulator String of Y ph Wave Trap.
Pargaon(Kathapur)-Lonikand	IntraState	17/09/2020	11.19	17/09/2020	17.59	PO	1.Replacement of Faulty Y Phase Pilot String. 2.Diagnostic Testing and Half Yearly Maintenance Work.
Virur - Virurlytss1	IntraState	17/09/2020	12.10	17/09/2020	17.00	PO	Commissioning of AMR Project Work.
Virur - Virur Rly Tss 2	IntraState	17/09/2020	17.40	17/09/2020	18.50	PO	Commissioning of AMR Project Work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	16/09/2020	21.55	17/09/2020	00.50	T	OSR Relay operated

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