

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Sep/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.715	3045.895	1) Gujrat	15.106	278.390
2) Hydro	6.866	196.432	2) Madhya Pradesh	5.624	166.609
3) Gas	2.835	135.220	3) Chattisgarh	5.780	120.950
Total MSPGCL	123.416	3377.547	4) Maharashtra	106.342	3239.733
B) 1) APLM	52.768	1064.938	5) Goa (Amona)	-1.667	-25.947
2) JSWEL	18.000	439.922	Total	131.185	3779.735
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.938	619.066
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.992	684.127
5) WPCL	2.642	64.661	c) MSEDCL Bilateral *	29.256	733.384
6) Other IPP	7.304	186.193	Include PX	2.469	110.629
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.938	619.066
C) 1) TPCL Thermal	8.376	202.027	Include PX	14.127	428.330
2) TPCL Hydro	3.924	102.449	Standby	0.000	0.000
3) TPCL Gas	4.394	99.960	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.852	158.056	1) MSEDCL	334.474	8674.768
D) STATE			2) Mumbai Discoms	50.538	1246.618
1) Thermal	212.657	5161.692	TOTAL STATE	385.012	9921.386
(A1+C1+C4+(B1-B6))					
2) Hydro	10.790	298.881			
(A2+C2)					
3) Gas	7.229	235.180			
(A3+B7+C3)					
4) Wind	18.833	312.115			
6) SOLAR	4.318	133.784			
TOTAL STATE	253.827	6141.652			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4851	4555	4990	4559
MSPGCL Hydro	732	223	620	116
MSPGCL Gas	118	117	118	120
MSPGCL Total Generation	5701	4895	5728	4794
Central Sector Receipt	6436	6474	5007	4902
WIND	417	559	1193	651
CPP / IPP Thermal	3646	3082	3827	3085
CPP / IPP Gas	0	0	0	0
SOLAR	496	581	0	0
Exchange with Mumbai	-1085	-1447	-760	-768
MSEDCL DEMAND MET	15611	14144	14995	12664
Load Shedding	0	0	0	0
MSEDCL DEMAND	15611	14144	14995	12664
TPCL GENERATION	762	699	1047	476
AEML GENERATION	497	371	498	370
MUMBAI DEMAND	2344	2517	2305	1614
STATE DEMAND MET	17955	16661	17300	14278
STATE DEMAND	17955	16661	17300	14278
Frequency (Hz)	49.96	49.98	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.05 Hz at 23.00 Hrs	49.91 Hz at 09.00 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 25/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	10.94	272.23	575	368
Unit 9	10.74	269.42	505	350
Unit 10	0.00	186.39	0	0
Total	21.68	728.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	1.38	171.60	350	0
Unit 5	9.54	236.06	470	355
Total	10.92	407.66		
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	3.79	95.79	165	140
Unit 4	3.65	67.91	157	141
Unit 5	9.48	232.51	420	364
Unit 6	9.66	94.33	427	360
Unit 7	0.00	0.00	0	0
Unit 8	10.40	252.38	460	370
Unit 9	10.69	247.86	465	375
Total	47.66	990.79		
Paras				
Unit 3	4.97	107.60	235	189
Unit 4	4.24	101.76	235	120
Total	9.21	209.37		
Khaparkheda				
Unit 1	3.18	83.08	150	100
Unit 2	3.65	81.22	170	130
Unit 3	3.44	92.70	155	135
Unit 4	4.10	95.96	185	160
Unit 5	9.87	242.86	475	353
Total	24.24	595.83		
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	2.84	135.22	120	106
Total	2.84	135.22		
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)	1.19	30.11	50	48

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.19	30.11		
Koyna				
Stage 1-2	2.42	66.16	460	40
Stage 4	0.81	45.35	208	0
Stage 3	0.84	28.27	80	0
Total	4.06	139.77		
Hydro				
KDPH	0.44	2.33	37	0
VTRNA	0.07	2.86	61	0
TILLARI	0.67	9.74	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	8.70	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	3.38	0	0
ELDARY	0.54	12.90	23	22
SMLHY_PTN	0.60	10.29	25	24
GHATGHAR	0.28	6.46	125	0
Total	2.80	56.66		
Wind				
Total	18.83	312.12	0	0
Total	18.83	312.12		
CPP				
APML(Mus)	52.77	1064.94	0	0
JSWEL(Mus)	18.00	439.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.64	64.66	0	0
Other(Mus)	7.30	186.19	0	0
Total	80.71	1755.71		
SOLAR				
Total	4.32	133.78	0	0
Total	4.32	133.78		
Tata				
Trombay 5	8.38	202.03	454	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	62.72	118	110
Trombay 7B	1.59	37.24	67	64
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.92	102.45	444	2
Total	16.69	404.44		
AEML				
DTPS U-1&2	9.85	158.06	498	369
Total	9.85	158.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.72	3045.90	MSPGCL Total	123.42	3377.55
			MSPGCL Thml+Gas	116.55	3181.12	Koyna 1,2 & 4 Total	3.23	111.50
			MSPGCL Hydro	6.87	196.43	State Total	253.83	6141.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4584	110	120	4814	717	3106	0	0	5295	5436	-1016	13056	0	13056	1872	14928	49.99
2	4536	116	120	4772	720	3093	0	0	5158	4942	-907	12620	0	12620	1758	14378	49.99
3	4551	116	120	4786	653	3091	0	0	5132	5286	-831	12986	0	12986	1677	14662	49.97
4	4559	116	120	4794	651	3085	0	0	5093	4902	-768	12664	0	12664	1614	14278	49.97
5	4638	120	119	4878	621	3118	0	0	5139	5195	-743	13068	0	13068	1589	14658	49.96
6	4837	322	119	5278	550	3417	0	0	5209	5054	-672	13626	0	13626	1633	15260	49.91
7	4874	624	119	5616	521	3597	0	13	5496	5583	-585	14746	0	14746	1685	16430	49.94
8	4925	348	120	5394	439	3633	0	156	6438	6459	-699	15382	0	15382	1836	17218	49.99
9	4950	290	120	5360	411	3653	0	309	6515	6607	-953	15386	0	15386	2087	17474	49.96
10	4851	732	118	5701	417	3646	0	496	6209	6436	-1085	15611	0	15611	2344	17955	49.96
11	4778	306	117	5201	520	3640	0	601	6577	6434	-1278	15118	0	15118	2527	17645	50.00
12	4590	226	118	4934	496	3441	0	644	6819	6262	-1367	14410	0	14410	2570	16980	49.99
13	4555	223	117	4895	559	3082	0	581	6614	6474	-1447	14144	0	14144	2517	16661	49.98
14	4357	218	116	4691	613	3030	0	595	6376	6167	-1426	13670	0	13670	2442	16112	50.01
15	4312	218	116	4646	933	2979	0	518	6238	6089	-1375	13790	0	13790	2425	16215	50.01
16	4402	218	106	4726	1118	3078	0	268	5980	5734	-1341	13583	0	13583	2410	15993	50.03
17	4526	242	116	4884	1267	3178	0	109	5680	5399	-1179	13658	0	13658	2360	16018	49.98
18	4756	295	118	5169	1201	3377	0	28	5306	5123	-1016	13882	0	13882	2299	16181	50.00
19	4990	620	118	5728	1193	3827	0	0	5012	5007	-760	14995	0	14995	2305	17300	50.00
20	5139	643	119	5901	1145	3847	0	0	4958	4758	-789	14862	0	14862	2285	17147	50.03
21	5139	193	119	5451	1084	3823	0	0	4925	4581	-952	13987	0	13987	2189	16176	50.02
22	5199	174	120	5493	1082	3617	0	0	4819	4336	-885	13643	0	13643	2095	15738	50.03
23	4850	177	120	5147	949	3239	0	0	4880	4496	-883	12948	0	12948	2039	14987	50.05
24	4817	222	120	5159	973	3117	0	0	4607	4425	-1035	12639	0	12639	1980	14619	50.03
MUs	113.71	6.87	2.83	123.42	18.83	80.71	0.00	4.32	134.47	131.19	-23.99	334.47	0.00	334.47	50.54	385.01	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 25/Sep/2020

Position as on 6.30 Hrs of 26/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		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 25/Sep/2020

Position as on 6.30 Hrs of 26/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	20/09/2020	20.14	25/09/2020	17.43	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 6	108	21/09/2020	00.14		Continued.	For Boiler RLA Work & Validity Extension.	
MSPGCL	Koradi Unit 10	660	21/09/2020	17.33		Continued.	conveyor Belt Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 26/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	25/09/2020	03.12	25/09/2020	03.32	HT	Bus Changeover from Bus1 to Bus2
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
Chandrapur Bhadravati IV	InterState	21/09/2020	04.27	25/09/2020	08.14	PO	1) For replacement of old damaged quadraple bus conductor of Main Bus-I in ICT-2 and 400KV Bus Coupler bay section span. 2)Tightening of nut bolts & hardware of Main Bus-I.
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
Khadka-Aurangabad (Waluj)	IntraState	24/09/2020	19.54	25/09/2020	09.51	HT	Over Voltage
Padghe - Kalwa- I	IntraState	24/09/2020	23.14	25/09/2020	08.11	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	24/09/2020	23.16	25/09/2020	08.54	HT	Over Voltage
karad -kolhapur-I	IntraState	24/09/2020	23.40	25/09/2020	08.20	HT	Over Voltage
Koradi-RattanIndia	IntraState	25/09/2020	11.17	25/09/2020	17.59	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	25/09/2020	18.50		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	25/09/2020	22.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/09/2020	23.15		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/09/2020	23.25		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/09/2020	00.06		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
Pedambe-Nerle	IntraState	24/09/2020	11.20	25/09/2020	16.48	PO	replacement of damaged conductor at Loc Nos. 39, 40, 41, 66 on urgent basis.
Sawantwadi-Bidri	IntraState	24/09/2020	23.10	25/09/2020	09.20	HT	Over Voltage
Chandrapur(MIDC)-Ballarshah I	IntraState	25/09/2020	08.33	25/09/2020	18.42	PO	Circuit Rectification work
Khadka-Bhadli-1	IntraState	25/09/2020	09.00	25/09/2020	12.13	PO	Testing Work
Nagothane - Posco	IntraState	25/09/2020	09.30	25/09/2020	19.08	PO	Insulator string replacement

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 25/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 26/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	25/09/2020	10.02	25/09/2020	19.05	PO	Replacement of E/W
Peth- Mudshingi -I	IntraState	25/09/2020	10.23	25/09/2020	19.07	PO	Replacement of E/W
PANDHARPUR BHALVANI	IntraState	25/09/2020	11.28	25/09/2020	14.50	EO	Replacement of Flashover Disc
Nanded-Ghatodi	IntraState	25/09/2020	20.26		Continued.	EO	To attend Hot Spot
Sawantwadi-Bidri	IntraState	25/09/2020	20.54		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/100 KV 200MVA ICT II @ Pal	IntraState	25/09/2020	10.16	25/09/2020	19.38	PO	Tan delta testing of Bushing and earthing string tightening work
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	25/09/2020	17.05		Continued.	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