

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Sep/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	63.563	2068.483	1) Gujrat	14.218	352.764
2) Hydro	9.879	422.096	2) Madhya Pradesh	11.334	98.047
3) Gas	6.818	76.205	3) Chattisgarh	6.070	75.270
Total MSPGCL	80.260	2566.784	4) Maharashtra	139.882	3106.476
B) 1) APMIL	43.930	1257.583	5) Goa (Amona)	-0.330	-16.214
2) JSWEL	20.161	535.272	Total	171.174	3616.343
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.849	651.770
4) RPL(AMT)	18.641	538.280	b) Mumbai Drawl	32.206	816.297
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	36.735	423.253
6) Other IPP	2.975	72.144	Include PX	22.542	88.529
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.849	649.295
C) 1) TPCL Thermal	13.351	333.444	Include PX	13.655	300.132
2) TPCL Hydro	3.889	113.309	Standby	0.000	2.475
3) TPCL Gas	4.378	19.510	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.140	226.384	1) MSEDCL	321.385	8674.602
D) STATE			2) Mumbai Discoms	63.964	1508.932
1) Thermal	172.761	5031.590	TOTAL STATE	385.349	10183.534
(A1+C1+C4+(B1-B6))					
2) Hydro	13.768	535.405			
(A2+C2)					
3) Gas	11.196	95.715			
(A3+B7+C3)					
4) Wind	12.521	794.049			
6) SOLAR	3.929	110.444			
TOTAL STATE	214.175	6567.203			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2752	2573	2696	2593
MSPGCL Hydro	128	93	189	906
MSPGCL Gas	247	262	261	262
MSPGCL Total Generation	3127	2928	3146	3761
Central Sector Receipt	8272	7832	7650	5545
WIND	527	665	978	180
CPP / IPP Thermal	3432	3555	4435	3529
CPP / IPP Gas	0	0	0	0
SOLAR	526	33	0	0
Exchange with Mumbai	-1811	-1487	-1236	-986
MSEDCL DEMAND MET	14073	13526	14973	12029
Load Shedding	0	0	0	0
MSEDCL DEMAND	14073	13526	14973	12029
TPCL GENERATION	919	1069	1228	695
AEML GENERATION	479	498	453	373
MUMBAI DEMAND	3209	3054	2917	2054
STATE DEMAND MET	17282	16580	17890	14083
STATE DEMAND	17282	16580	17890	14083
Frequency (Hz)	50.12	50.00	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 10.03 Hrs	49.72 Hz at 18.43 Hrs	50.02	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	10.19	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	6.24	145.60	305	171
Unit 10	6.80	118.51	310	230
Total	13.04	274.30		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.44	241.78	355	340
Unit 5	0.00	0.00	0	0
Total	8.44	244.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	85.81	0	0
Unit 7	4.49	125.82	212	151
Unit 8	0.00	0.00	0	0
Total	4.49	211.62		
Chandrapur				
Unit 3	0.00	12.45	0	0
Unit 4	2.33	72.87	113	82
Unit 5	0.00	152.04	0	0
Unit 6	6.48	171.38	285	260
Unit 7	0.00	0.00	0	0
Unit 8	7.69	161.95	370	289
Unit 9	6.70	183.11	322	203
Total	23.21	753.80		
Paras				
Unit 3	4.33	65.96	225	155
Unit 4	0.00	0.00	0	0
Total	4.33	65.96		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	0.00	3.77	0	0
Unit 3	3.44	71.36	154	130
Unit 4	0.00	81.55	0	0
Unit 5	0.00	166.44	0	0
Total	3.44	357.28		
Nasik				
Unit 3	0.00	58.13	0	0
Unit 4	3.31	58.84	150	125
Unit 5	3.30	43.85	158	121
Total	6.62	160.82		
Uran				
All Units	6.82	76.20	415	246
Total	6.82	76.20		
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)	1.27	22.23	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	22.23		
Koyna				
Stage 1-2	3.10	83.92	525	20
Stage 4	3.32	183.12	449	0
Stage 3	1.64	76.83	222	0
Total	8.06	343.88		
Hydro				
KDPH	0.88	21.11	37	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	12.86	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	8.96	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	8.96	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	20.92	17	15
GHATGHAR	0.00	5.42	0	0
Total	1.82	78.22		
Wind				
Total	12.52	794.05	0	0
Total	12.52	794.05		
CPP				
APML(Mus)	43.93	1257.58	0	0
JSWEL(Mus)	20.16	535.27	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.64	538.28	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.98	72.14	0	0
Total	85.71	2403.28		
SOLAR				
Total	3.93	110.44	0	0
Total	3.93	110.44		
Tata				
Trombay 5	8.51	210.84	455	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	12.28	116	114
Trombay 7B	1.60	7.23	67	66
Trombay 8	4.84	122.60	212	196
TATA Hydro	3.89	113.31	459	0
Total	21.62	466.26		
AEML				
DTPS U-1&2	10.14	226.38	499	373
Total	10.14	226.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	63.56	2068.48	MSPGCL Total	80.26	2566.78
			MSPGCL Thml+Gas	70.38	2144.69	Koyna 1,2 & 4 Total	6.42	267.05
			MSPGCL Hydro	9.88	422.10	State Total	214.18	6567.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Sep/2019

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	2531	779	369	3679	146	3463	0	0	6512	6608	-1224	12672	0	12672	2293	14965	50.02
2	2543	810	339	3692	148	3433	0	0	6060	6009	-1048	12234	0	12234	2119	14353	50.02
3	2593	906	262	3761	180	3529	0	0	5773	5545	-986	12029	0	12029	2054	14083	50.04
4	2572	636	261	3469	255	3546	0	0	5763	5779	-863	12186	0	12186	1915	14101	50.03
5	2544	948	251	3743	322	3512	0	0	5590	5822	-841	12558	0	12558	1893	14451	50.04
6	2526	587	261	3374	374	3600	0	0	6879	6650	-948	13050	0	13050	2001	15051	50.01
7	2611	500	251	3362	351	3593	0	16	8016	7825	-1089	14058	0	14058	2145	16203	49.98
8	2607	471	250	3328	382	3565	0	129	8257	8302	-1208	14498	0	14498	2344	16842	50.03
9	2697	102	270	3069	426	3507	0	311	8380	8391	-1487	14217	0	14217	2659	16876	50.07
10	2734	91	249	3074	484	3481	0	425	8400	8362	-1742	14084	0	14084	2988	17072	50.07
11	2752	128	247	3127	527	3432	0	526	8407	8272	-1811	14073	0	14073	3209	17282	50.12
12	2788	128	256	3172	482	3469	0	617	8061	7683	-1733	13690	0	13690	3276	16966	50.03
13	2814	138	256	3208	404	3452	0	614	7146	7150	-1695	13133	0	13133	3232	16365	50.01
14	2810	288	246	3344	554	3440	0	504	6776	7019	-1625	13236	0	13236	3116	16352	50.06
15	2778	145	256	3179	421	3398	0	325	7212	7394	-1684	13033	0	13033	3158	16191	50.02
16	2681	88	248	3017	642	3374	0	277	7588	7398	-1688	13020	0	13020	3172	16192	50.04
17	2576	88	259	2923	776	3421	0	138	7493	7534	-1593	13199	0	13199	3111	16310	50.00
18	2573	93	262	2928	665	3555	0	33	7957	7832	-1487	13526	0	13526	3054	16580	50.00
19	2618	190	250	3058	689	4239	0	14	8090	7807	-1306	14501	0	14501	2995	17496	49.88
20	2696	189	261	3146	978	4435	0	0	8057	7650	-1236	14973	0	14973	2917	17890	50.01
21	2621	197	307	3125	905	3826	0	0	7642	7602	-1293	14165	0	14165	2779	16944	50.00
22	2614	292	389	3295	788	3559	0	0	7327	6848	-1185	13305	0	13305	2633	15938	50.04
23	2642	1014	403	4059	751	3452	0	0	6077	6221	-1213	13270	0	13270	2513	15783	50.03
24	2642	1071	415	4128	871	3426	0	0	5653	5471	-1221	12675	0	12675	2388	15063	50.02
MUs	63.56	9.88	6.82	80.26	12.52	85.71	0.00	3.93	173.12	171.17	-32.21	321.38	0.00	321.38	63.96	385.35	50.02

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/2019

Position as on 6.30 Hrs of 27/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem (Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	No Schedule.	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
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 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 1	210	13/09/2019	14.05		Continued.	Poor Coal	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 2	210	22/09/2019	02.16		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 5	500	24/09/2019	00.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	24/09/2019	13.45		Continued.	poor coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Sep/2019

Position as on 6.30 Hrs of 27/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	24/09/2019	15.30		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	24/09/2019	22.16		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 5	500	25/09/2019	09.34		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 5	108	26/09/2019	01.52	26/09/2019	19.23	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 27/Sep/2019

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	24/09/2019	17.43		Continued.	PO	Tower Height Rise work
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/09/2019	17.56		Continued.	PO	Tower Height Rise work
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	10/09/2019	20.20	26/09/2019	07.21	HT	Over Voltage
Dhule Khandwa I	InterState	26/09/2019	22.49		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	16/09/2019	08:57		Continued.	PO	Replacement of Broken Spacer cum Damper.(RFC at 18:50 hrs)
Khadka-Aurangabad (Waluj)	IntraState	24/09/2019	18.12		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/09/2019	21.13	26/09/2019	14.41	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05		Continued.	T	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	26/09/2019	09.25	26/09/2019	19.12	PO	Quarterly Maintainance Work
Jaigad-Karad Ckt-II	IntraState	26/09/2019	22.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/09/2019	02.47		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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	26/09/2019	08.22	26/09/2019	18.38	PO	Annual Maintenance Work
400/220KV 500MVA ICT-I @Nanded	IntraState	26/09/2019	10.39	26/09/2019	12.10	PO	Chek the OSR
400/220KV 105MVASpare ICT@Akola (M)	IntraState	26/09/2019	12.00	26/09/2019	15.25	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kalwa 52B Interconnector CB	IntraState	25/09/2019	07.28		Continued.	T	Tripped due To Kalwa-Apta Line.
Urse-Chinchwad (ST tap)	IntraState	26/09/2019	00.13	26/09/2019	09.30	HT	Due To Sparking At B phase CC.
Koyna (Pophali) - Kdph	IntraState	26/09/2019	07.40	26/09/2019	17.50	PO	Bus Section Outage
Pophli Pedhmbe Line- 1	IntraState	26/09/2019	08.05	26/09/2019	17.40	PO	Bus Section Outage
Kandalgaon - Koyna (Pophali)	IntraState	26/09/2019	08.15	26/09/2019	18.35	PO	Bus Section Outage
Main Bus Section-I @ Pophali	IntraState	26/09/2019	08.20	26/09/2019	17.40	PO	Maintenance Work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	26/09/2019	10.40	26/09/2019	13.45	PO	Quarterly Maintainance Work
WARORA WANI-I	IntraState	26/09/2019	11.40	26/09/2019	17.45	PO	Diagnostic testing work
Virur - Virurlytss1	IntraState	26/09/2019	14.00	26/09/2019	16.22	PO	Isolator sparking Attending work
Topworth - Kharghar	IntraState	26/09/2019	15.29	26/09/2019	17.41	PO	Shifted on TBC
Bableshwar -Bhenda	IntraState	26/09/2019	16.51		Continued.	T	Distance Protection
132 KV LINE Outages/Trippings							
Chalisgaon - Manmad	IntraState	26/09/2019	10.52	26/09/2019	11.34	PO	Attending Hot Spot
Chalisgaon-Chalisgaon- 1	IntraState	26/09/2019	14.37	26/09/2019	14.38	HT	Due to sparking on Wave Trap

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