

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Sep/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	66.983	2135.466	1) Gujrat	13.684	366.448
2) Hydro	12.316	434.412	2) Madhya Pradesh	9.468	107.515
3) Gas	9.749	85.954	3) Chattisgarh	6.340	81.610
Total MSPGCL	89.048	2655.832	4) Maharashtra	126.028	3232.504
B) 1) APMIL	42.822	1300.405	5) Goa (Amona)	-0.616	-16.830
2) JSWEL	19.452	554.724	Total	154.904	3771.247
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.341	680.111
4) RPL(AMT)	18.860	557.140	b) Mumbai Drawl	32.777	849.074
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.507	449.760
6) Other IPP	3.277	75.421	Include PX	12.685	101.214
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.341	677.636
C) 1) TPCL Thermal	12.266	345.710	Include PX	16.763	316.895
2) TPCL Hydro	3.665	116.974	Standby	0.000	2.475
3) TPCL Gas	4.380	23.890	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.747	235.131	1) MSEDCL	317.928	8992.530
D) STATE			2) Mumbai Discoms	61.835	1570.767
1) Thermal	172.407	5203.997	TOTAL STATE	379.763	10563.297
(A1+C1+C4+(B1-B6))					
2) Hydro	15.981	551.386			
(A2+C2)					
3) Gas	14.129	109.844			
(A3+B7+C3)					
4) Wind	17.199	811.248			
6) SOLAR	5.143	115.587			
TOTAL STATE	224.859	6792.062			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2649	2909	3038	2625
MSPGCL Hydro	192	111	108	539
MSPGCL Gas	404	399	402	408
MSPGCL Total Generation	3245	3419	3548	3572
Central Sector Receipt	7857	6935	7349	5118
WIND	725	800	935	587
CPP / IPP Thermal	3506	3424	4343	3453
CPP / IPP Gas	0	0	0	0
SOLAR	468	72	0	0
Exchange with Mumbai	-1766	-1563	-1186	-780
MSEDCL DEMAND MET	14035	13087	14989	11950
Load Shedding	0	0	0	0
MSEDCL DEMAND	14035	13087	14989	11950
TPCL GENERATION	818	892	1203	694
AEML GENERATION	301	488	497	372
MUMBAI DEMAND	2885	2943	2886	1846
STATE DEMAND MET	16920	16030	17875	13796
STATE DEMAND	16920	16030	17875	13796
Frequency (Hz)	50.02	50.05	50.03	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.52 Hrs	49.83 Hz at 18.40 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 27/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	7.47	153.06	410	220
Unit 10	7.97	126.48	410	300
Total	15.44	289.74		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.56	250.34	380	340
Unit 5	0.00	0.00	0	0
Total	8.56	253.26		
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	4.67	130.49	241	187
Unit 8	0.00	0.00	0	0
Total	4.67	216.30		
Chandrapur				
Unit 3	0.00	12.45	0	0
Unit 4	3.17	76.04	135	120
Unit 5	0.00	152.04	0	0
Unit 6	6.68	178.06	285	270
Unit 7	0.00	0.00	0	0
Unit 8	6.85	168.80	315	228
Unit 9	7.52	190.63	361	280
Total	24.21	778.01		
Paras				
Unit 3	4.29	70.25	192	150
Unit 4	0.00	0.00	0	0
Total	4.29	70.25		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	0.00	3.77	0	0
Unit 3	3.66	75.01	164	145
Unit 4	0.02	81.57	22	0
Unit 5	0.00	166.44	0	0
Total	3.68	360.96		
Nasik				
Unit 3	0.00	58.13	0	0
Unit 4	2.96	61.80	146	90
Unit 5	3.17	47.03	155	96
Total	6.13	166.95		
Uran				
All Units	9.75	85.95	418	396
Total	9.75	85.95		
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	23.50	53	52

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	23.50		
Koyna				
Stage 1-2	3.86	87.79	555	40
Stage 4	4.81	187.94	697	0
Stage 3	1.72	78.55	160	0
Total	10.40	354.28		
Hydro				
KDPH	0.89	22.00	37	37
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.	0.28	9.24	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	9.30	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	21.32	17	16
GHATGHAR	0.00	5.42	0	0
Total	1.92	80.14		
Wind				
Total	17.20	811.25	0	0
Total	17.20	811.25		
CPP				
APML(Mus)	42.82	1300.40	0	0
JSWEL(Mus)	19.45	554.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.86	557.14	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.28	75.42	0	0
Total	84.41	2487.69		
SOLAR				
Total	5.14	115.59	0	0
Total	5.14	115.59		
Tata				
Trombay 5	7.50	218.34	370	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	15.06	117	115
Trombay 7B	1.60	8.83	67	66
Trombay 8	4.77	127.37	202	196
TATA Hydro	3.66	116.97	448	38
Total	20.31	486.57		
AEML				
DTPS U-1&2	8.75	235.13	497	250
Total	8.75	235.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	66.98	2135.47	MSPGCL Total	89.05	2655.83
			MSPGCL Thml+Gas	76.73	2221.42	Koyna 1,2 & 4 Total	8.68	275.73
			MSPGCL Hydro	12.32	434.41	State Total	224.86	6792.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	2677	954	407	4038	811	3486	0	0	5078	5168	-1131	12372	0	12372	2199	14571	50.04
2	2658	759	406	3823	764	3457	0	0	5053	4980	-961	12063	0	12063	2032	14095	50.03
3	2633	664	416	3713	701	3463	0	0	4937	4926	-854	11949	0	11949	1924	13873	50.03
4	2625	539	408	3572	587	3453	0	0	4981	5118	-780	11950	0	11950	1846	13796	50.05
5	2688	609	417	3714	429	3476	0	0	5220	5349	-779	12189	0	12189	1840	14029	50.01
6	2701	1045	418	4164	458	3452	0	0	6083	6304	-886	13492	0	13492	1941	15433	50.02
7	2696	879	407	3982	523	3490	0	20	7337	7320	-1022	14313	0	14313	2082	16395	50.00
8	2644	252	418	3314	562	3737	0	107	8109	8021	-1181	14560	0	14560	2276	16836	50.01
9	2687	201	406	3294	626	3551	0	296	8001	8019	-1496	14290	0	14290	2574	16864	50.03
10	2649	192	404	3245	725	3506	0	468	7755	7857	-1766	14035	0	14035	2885	16920	50.02
11	2688	235	403	3326	786	3421	0	658	7571	7292	-1899	13584	0	13584	3099	16683	50.04
12	2794	266	400	3460	709	3365	0	792	7125	6874	-1946	13254	0	13254	3147	16401	50.02
13	2819	512	408	3739	632	3301	0	773	6153	6247	-1969	12723	0	12723	3086	15809	50.02
14	2838	231	400	3469	606	3303	0	745	6205	6234	-1841	12516	0	12516	2952	15468	50.09
15	2897	158	396	3451	643	3329	0	523	6542	6542	-1884	12604	0	12604	3002	15606	50.00
16	2840	148	396	3384	699	3341	0	412	6672	6641	-1823	12654	0	12654	3036	15690	50.01
17	2849	158	407	3414	782	3333	0	277	6955	6645	-1697	12754	0	12754	3007	15761	50.00
18	2909	111	399	3419	800	3424	0	72	6723	6935	-1563	13087	0	13087	2943	16030	50.05
19	2991	198	399	3588	816	3809	0	0	7364	7565	-1357	14421	0	14421	2926	17347	49.97
20	3038	108	402	3548	935	4343	0	0	7671	7349	-1186	14989	0	14989	2886	17875	50.03
21	2940	868	404	4212	1006	3891	0	0	6797	6537	-1218	14428	0	14428	2744	17172	50.04
22	2903	1229	412	4544	845	3600	0	0	5952	5967	-1167	13789	0	13789	2582	16371	50.01
23	2895	1105	413	4413	852	3467	0	0	5631	5824	-1169	13387	0	13387	2462	15849	50.04
24	2924	895	403	4222	902	3413	0	0	5626	5190	-1202	12525	0	12525	2364	14889	50.00
MUs	66.98	12.32	9.75	89.05	17.20	84.41	0.00	5.14	155.54	154.90	-32.78	317.93	0.00	317.93	61.83	379.76	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 27/Sep/2019

Position as on 6.30 Hrs of 28/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 27/Sep/2019

Position as on 6.30 Hrs of 28/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	27/09/2019	23.31	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	
AEML	AEML Unit 1	250	27/09/2019	09.48	27/09/2019	14.44	Flame Failure	
AEML	AEML Unit 1	250	27/09/2019	09:48	27/09/2019	14:52	Flame Failure	27/09/2019
MSPGCL	Uran Unit 8	108	28/09/2019	00.11		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/09/2019	00.11		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 28/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 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
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05		Continued.	T	Over Voltage
Jaigad-Karad Ckt-II	IntraState	26/09/2019	22.55		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	27/09/2019	02.47	27/09/2019	09.30	HT	Over Voltage
karad -kolhapur-I	IntraState	27/09/2019	23.32		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 315 MVA ICT -I @New Koyana	IntraState	27/09/2019	09.22	27/09/2019	22.04	EO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	27/09/2019	10.08	27/09/2019	19.29	PO	Diagnostic Testing Work
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	28/09/2019	02.50	28/09/2019	05.15	T	CB Lockout
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
Vasai Boiser(PG)	InterState	27/09/2019	15.52	27/09/2019	20.23	HT	HT for Availing outage on Boisar-boisar ckt-2
Boisar(MS) - Boisar (PG) II	InterState	27/09/2019	15.59	27/09/2019	20.07	EO	Attending Hot Spot
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.
Bableshwar -Bhenda	IntraState	26/09/2019	16.51	27/09/2019	07.40	T	Distance Protection
Hingoli- Girawali	IntraState	27/09/2019	11.20	27/09/2019	13.26	PO	Tan Delta Measurement
Bhigwan-Baramati	IntraState	27/09/2019	12.30	27/09/2019	15.05	PO	Diagnostic Testing Work
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva T&R Ict-1 @Bambhori	IntraState	27/09/2019	09.40	27/09/2019	12.17	PO	LA Replacement work
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	27/09/2019	12.15	27/09/2019	18.09	PO	Annual Maintenance Work
220/132 Kv 100 Mva T&R Ict-2 @Bambhori	IntraState	27/09/2019	13.40	27/09/2019	15.40	PO	Y Phase LA Replacement work
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	27/09/2019	18.55	27/09/2019	20.48	T	CB Tripped on PDR Due To CB Cable Caught fire

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