

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 28/Sep/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.507	2214.973	1) Gujrat	14.748	381.196
2) Hydro	6.728	441.140	2) Madhya Pradesh	9.754	117.269
3) Gas	6.929	92.883	3) Chattisgarh	5.100	86.710
Total MSPGCL	93.164	2748.996	4) Maharashtra	129.909	3362.413
B) 1) APMIL	42.901	1343.306	5) Goa (Amona)	-0.484	-17.314
2) JSWEL	21.152	575.876	Total	159.027	3930.274
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.736	705.847
4) RPL(AMT)	21.213	578.353	b) Mumbai Drawl	30.645	879.719
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.710	473.469
6) Other IPP	3.212	78.633	Include PX	7.576	108.790
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.736	703.372
C) 1) TPCL Thermal	12.356	358.066	Include PX	15.274	332.169
2) TPCL Hydro	2.250	119.224	Standby	0.000	2.475
3) TPCL Gas	4.378	28.268	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.462	244.593	1) MSEDCL	326.577	9319.107
D) STATE			2) Mumbai Discoms	59.091	1629.858
1) Thermal	189.803	5393.800	TOTAL STATE	385.668	10948.965
(A1+C1+C4+(B1-B6))					
2) Hydro	8.978	560.364			
(A2+C2)					
3) Gas	11.307	121.151			
(A3+B7+C3)					
4) Wind	11.037	822.285			
6) SOLAR	5.516	121.103			
TOTAL STATE	226.641	7018.703			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3338	3456	3505	3018
MSPGCL Hydro	350	344	371	523
MSPGCL Gas	281	278	283	286
MSPGCL Total Generation	3969	4078	4159	3827
Central Sector Receipt	7346	6724	7186	4756
WIND	335	364	439	751
CPP / IPP Thermal	3615	3622	4673	3439
CPP / IPP Gas	0	0	0	0
SOLAR	710	436	0	0
Exchange with Mumbai	-1706	-1589	-1197	-897
MSEDCL DEMAND MET	14269	13635	15260	11876
Load Shedding	0	0	0	0
MSEDCL DEMAND	14269	13635	15260	11876
TPCL GENERATION	779	799	1096	674
AEML GENERATION	373	373	491	373
MUMBAI DEMAND	2858	2761	2784	1944
STATE DEMAND MET	17127	16396	18044	13820
STATE DEMAND	17127	16396	18044	13820
Frequency (Hz)	50.04	50.00	50.06	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.81 Hz at 14.53 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 28/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	10.71	163.77	480	392
Unit 10	9.96	136.45	490	350
Total	20.67	310.41		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.84	260.18	450	355
Unit 5	0.00	0.00	0	0
Total	9.84	263.10		
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	4.66	135.15	245	155
Unit 8	0.00	0.00	0	0
Total	4.66	220.96		
Chandrapur				
Unit 3	0.03	12.48	20	0
Unit 4	2.71	78.75	145	90
Unit 5	0.00	152.04	0	0
Unit 6	7.19	185.25	325	263
Unit 7	0.00	0.00	0	0
Unit 8	8.48	177.28	385	320
Unit 9	7.74	198.36	350	294
Total	26.14	804.16		
Paras				
Unit 3	4.22	74.47	194	135
Unit 4	0.00	0.00	0	0
Total	4.22	74.47		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	0.00	3.77	0	0
Unit 3	3.97	78.98	180	159
Unit 4	3.34	84.91	162	60
Unit 5	0.00	166.44	0	0
Total	7.30	368.26		
Nasik				
Unit 3	0.00	58.13	0	0
Unit 4	3.20	65.00	153	112
Unit 5	3.47	50.49	160	122
Total	6.66	173.62		
Uran				
All Units	6.93	92.88	361	266
Total	6.93	92.88		
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	24.77	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	24.77		
Koyna				
Stage 1-2	2.25	90.04	390	40
Stage 4	0.92	188.85	400	0
Stage 3	1.60	80.15	160	0
Total	4.76	359.04		
Hydro				
KDPH	0.89	22.88	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.	0.12	9.36	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	9.64	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	21.76	19	18
GHATGHAR	0.18	5.60	125	0
Total	1.97	82.10		
Wind				
Total	11.04	822.28	0	0
Total	11.04	822.28		
CPP				
APML(Mus)	42.90	1343.31	0	0
JSWEL(Mus)	21.15	575.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.21	578.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.21	78.63	0	0
Total	88.48	2576.17		
SOLAR				
Total	5.52	121.10	0	0
Total	5.52	121.10		
Tata				
Trombay 5	7.61	225.95	382	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	17.84	116	115
Trombay 7B	1.60	10.42	67	66
Trombay 8	4.75	132.12	210	190
TATA Hydro	2.25	119.22	339	0
Total	18.98	505.56		
AEML				
DTPS U-1&2	9.46	244.59	497	372
Total	9.46	244.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.51	2214.97	MSPGCL Total	93.16	2749.00
			MSPGCL Thml+Gas	86.44	2307.86	Koyna 1,2 & 4 Total	3.16	278.89
			MSPGCL Hydro	6.73	441.14	State Total	226.64	7018.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	2956	671	298	3925	922	3444	0	0	5323	5280	-1180	12391	0	12391	2237	14628	50.03
2	2987	528	286	3801	904	3470	0	0	4865	4804	-1006	11973	0	11973	2055	14028	50.03
3	3018	523	286	3827	751	3439	0	0	4752	4756	-897	11876	0	11876	1944	13820	50.05
4	3013	356	296	3665	638	3429	0	0	4895	5120	-825	12027	0	12027	1873	13900	50.02
5	3069	346	286	3701	587	3432	0	0	5232	5387	-810	12297	0	12297	1853	14150	50.00
6	3066	300	286	3652	474	3636	0	0	6222	6558	-876	13444	0	13444	1933	15377	49.97
7	3168	192	287	3647	433	3810	0	23	7627	7261	-817	14357	0	14357	2042	16399	50.04
8	3167	110	298	3575	360	3662	0	195	7564	7805	-1059	14538	0	14538	2139	16677	50.03
9	3353	140	286	3779	413	3787	0	436	7489	7587	-1277	14725	0	14725	2351	17076	50.01
10	3426	149	284	3859	394	3658	0	681	7246	7309	-1519	14382	0	14382	2625	17007	50.03
11	3338	350	281	3969	335	3615	0	710	7034	7346	-1706	14269	0	14269	2858	17127	50.04
12	3395	209	280	3884	303	3543	0	720	7331	7236	-1781	13905	0	13905	2944	16849	50.03
13	3378	194	279	3851	298	3452	0	714	7328	6862	-1724	13453	0	13453	2890	16343	50.04
14	3404	200	278	3882	324	3394	0	661	6864	6802	-1578	13485	0	13485	2754	16239	50.05
15	3343	539	266	4148	335	3344	0	570	6549	6681	-1594	13484	0	13484	2771	16255	49.94
16	3456	344	278	4078	364	3622	0	436	6964	6724	-1589	13635	0	13635	2761	16396	50.00
17	3480	114	277	3871	525	3551	0	289	7266	6926	-1566	13596	0	13596	2739	16335	50.01
18	3477	109	281	3867	368	3534	0	80	7389	7350	-1527	13672	0	13672	2693	16365	50.02
19	3498	259	280	4037	383	4283	0	1	7378	7567	-1356	14915	0	14915	2735	17650	50.00
20	3505	371	283	4159	439	4673	0	0	7237	7186	-1197	15260	0	15260	2784	18044	50.06
21	3537	210	284	4031	335	4420	0	0	6890	6800	-1137	14449	0	14449	2705	17154	50.06
22	3552	189	291	4032	365	3858	0	0	6719	7009	-1175	14089	0	14089	2573	16662	50.02
23	3517	189	317	4023	365	3824	0	0	6516	6396	-1143	13465	0	13465	2450	15915	50.05
24	3404	136	361	3901	422	3598	0	0	6555	6275	-1306	12890	0	12890	2382	15272	50.05
MUs	79.51	6.73	6.93	93.16	11.04	88.48	0.00	5.52	159.24	159.03	-30.64	326.58	0.00	326.58	59.09	385.67	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 28/Sep/2019

Position as on 6.30 Hrs of 29/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	29/09/2019	19.30	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana 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	Koyana 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 from 18:00hrs of 28/09/2019	
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	29/09/2019	13.12	Furnace Pressure High	
MSPGCL	Chandrapur Unit 5	500	24/09/2019	00.00	29/09/2019	00.09	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 28/Sep/2019

Position as on 6.30 Hrs of 29/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	24/09/2019	22.16	28/09/2019	22.40	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 5	500	25/09/2019	09.34		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	28/09/2019	00.11	28/09/2019	21.40	Gas shortage	
MSPGCL	Uran Unit B0	120	28/09/2019	00.11	29/09/2019	01.50	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 29/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	28/09/2019	12.51	HT	Over Voltage
karad -kolhapur-I	IntraState	27/09/2019	23.32	28/09/2019	09.47	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	28/09/2019	12.55	28/09/2019	14.52	EO	Emergency Hand Trip.
Karad-Jaigad - I	IntraState	28/09/2019	22.16		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	28/09/2019	23.32	28/09/2019	09.47	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 Koyna	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
Borivali - Tarapur	InterState	29/09/2019	00.55	29/09/2019	14.12	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Parli(U-VIII) GCR CKT	IntraState	28/09/2019	09.47	28/09/2019	15.17	PO	Attend Isolator problem.
Gangapur-Valve	IntraState	28/09/2019	09.52	29/09/2019	15.12	T	Y phase LA Burst at Gangapur end
Mudshingi-Belewadi	IntraState	28/09/2019	10.23	28/09/2019	12.33	PO	Replacement of Flash Over Insulator.
Kharepatan -Pawas Line	IntraState	28/09/2019	11.04	28/09/2019	17.33	PO	Broken Cutting of Earth Wire.
Kalwa Salsette III	IntraState	29/09/2019	07.30	29/09/2019	17.09	PO	CVT Replacement.
BHUGAON WARORA CKT-II	IntraState	29/09/2019	15.49	29/09/2019	19.57	T	Distance Protection
220 KV ICT Outages/Trippings							
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	29/09/2019	14.40	29/09/2019	17.50	EO	To Attend R PH Bushing Oil Leakage.

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