

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Sep/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.672	745.193	1) Gujrat	13.104	89.552
2) Hydro	29.181	132.483	2) Madhya Pradesh	-0.575	-1.450
3) Gas	0.000	14.128	3) Chattisgarh	3.670	21.600
Total MSPGCL	110.853	891.804	4) Maharashtra	105.288	999.729
B) 1) APLM	40.390	437.099	5) Goa (Amona)	-0.748	-5.984
2) JSWEL	21.317	186.687	Total	120.739	1103.447
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.412	205.761
4) RPL(AMT)	20.040	179.571	b) Mumbai Drawl	32.352	267.415
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.511	112.822
6) Other IPP	2.537	24.574	Include PX	3.708	3.472
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.412	205.761
C) 1) TPCL Thermal	12.418	111.435	Include PX	10.014	82.318
2) TPCL Hydro	4.862	30.268	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.318	82.698	1) MSEDCL	336.192	2999.234
D) STATE			2) Mumbai Discoms	58.950	499.693
1) Thermal	187.692	1767.257	TOTAL STATE	395.142	3498.927
(A1+C1+C4+(B1-B6))					
2) Hydro	34.043	162.751			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	49.109	406.639			
6) SOLAR	3.559	36.828			
TOTAL STATE	274.403	2395.487			

* 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 3 Hrs
MSPGCL Thermal	3563	3364	3552	3465
MSPGCL Hydro	1119	1119	1411	1211
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4682	4483	4963	4676
Central Sector Receipt	6280	5694	5617	3537
WIND	2224	2300	1881	1897
CPP / IPP Thermal	3610	3361	3903	3321
CPP / IPP Gas	0	0	0	0
SOLAR	363	458	0	0
Exchange with Mumbai	-1738	-1858	-1347	-909
MSEDCL DEMAND MET	15421	14438	15017	12522
Load Shedding	0	0	0	0
MSEDCL DEMAND	15421	14438	15017	12522
TPCL GENERATION	733	747	976	516
AEML GENERATION	373	373	438	372
MUMBAI DEMAND	2844	2978	2761	1797
STATE DEMAND MET	18265	17416	17778	14319
STATE DEMAND	18265	17416	17778	14319
Frequency (Hz)	49.96	49.95	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 06.01 Hrs	49.62 Hz at 18.48 Hrs	49.96	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 09/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	8.70	26.72	405	288
Unit 10	0.00	17.77	0	0
Total	8.70	54.69		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.02	82.54	415	350
Unit 5	0.00	0.00	0	0
Total	9.02	85.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.94	43.30	240	190
Unit 7	4.85	42.88	241	187
Unit 8	0.00	0.00	0	0
Total	9.78	86.18		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.00	27.35	139	110
Unit 5	6.80	61.84	305	240
Unit 6	6.00	54.34	280	220
Unit 7	0.00	0.00	0	0
Unit 8	8.27	63.49	385	280
Unit 9	8.03	60.12	381	298
Total	32.10	267.12		
Paras				
Unit 3	2.85	26.59	159	0
Unit 4	0.00	0.00	0	0
Total	2.85	26.59		
Khaparkheda				
Unit 1	2.75	24.94	130	90
Unit 2	0.00	0.00	0	0
Unit 3	0.34	26.32	105	0
Unit 4	3.36	30.01	150	132
Unit 5	7.80	67.26	350	275
Total	14.26	148.53		
Nasik				
Unit 3	0.00	18.92	0	0
Unit 4	2.36	29.03	118	52
Unit 5	2.60	28.69	141	70
Total	4.96	76.63		
Uran				
All Units	0.00	14.13	0	0
Total	0.00	14.13		
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)	0.74	1.22	57	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.74	1.22		
Koyna				
Stage 1-2	4.06	21.24	510	45
Stage 4	16.36	56.55	750	495
Stage 3	5.57	28.08	240	168
Total	25.99	105.87		
Hydro				
KDPH	0.79	7.16	34	32
VTRNA	0.00	0.00	0	0
TILLARI	0.72	5.64	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	3.75	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	3.10	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.92	6.95	39	38
GHATGHAR	0.00	0.00	0	0
Total	3.20	26.61		
Wind				
Total	49.11	406.64	0	0
Total	49.11	406.64		
CPP				
APML(Mus)	40.39	437.10	0	0
JSWEL(Mus)	21.32	186.69	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.04	179.57	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.54	24.57	0	0
Total	84.28	827.93		
SOLAR				
Total	3.56	36.83	0	0
Total	3.56	36.83		
Tata				
Trombay 5	7.72	68.65	413	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.70	42.79	209	183
TATA Hydro	4.86	30.27	415	2
Total	17.28	149.59		
AEML				
DTPS U-1&2	9.32	82.70	492	372
Total	9.32	82.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.67	745.19	MSPGCL Total	110.85	891.80
			MSPGCL Thml+Gas	81.67	759.32	Koyna 1,2 & 4 Total	20.42	77.79
			MSPGCL Hydro	29.18	132.48	State Total	274.40	2395.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	3362	1441	0	4803	2045	3329	0	0	3753	3711	-1055	12833	0	12833	2022	14855	49.99
2	3389	1131	0	4520	1980	3325	0	0	3578	3666	-960	12531	0	12531	1887	14418	50.00
3	3465	1211	0	4676	1897	3321	0	0	3463	3537	-909	12522	0	12522	1797	14319	50.00
4	3384	1311	0	4695	1861	3329	0	0	3609	3689	-903	12671	0	12671	1750	14421	49.98
5	3286	1366	0	4652	1857	3331	0	0	3925	4096	-911	13025	0	13025	1753	14778	49.96
6	3214	1434	0	4648	1698	3513	0	0	4687	4978	-980	13857	0	13857	1876	15733	49.90
7	3366	1110	0	4476	1935	3768	0	18	5913	5770	-844	15123	0	15123	2052	17175	49.91
8	3436	905	0	4341	1958	3796	0	118	6366	6231	-995	15449	0	15449	2250	17699	50.00
9	3522	1030	0	4552	2214	3657	0	316	6383	6304	-1442	15601	0	15601	2539	18140	49.99
10	3563	1119	0	4682	2224	3610	0	363	6153	6280	-1738	15421	0	15421	2844	18265	49.96
11	3430	1089	0	4519	2248	3527	0	458	6401	6158	-1892	15018	0	15018	3015	18033	50.00
12	3376	1077	0	4453	2266	3441	0	456	6530	6321	-1924	15013	0	15013	3059	18072	50.02
13	3364	1119	0	4483	2300	3361	0	458	5759	5694	-1858	14438	0	14438	2978	17416	49.95
14	3397	1097	0	4494	2300	3374	0	431	5293	5008	-1714	13893	0	13893	2845	16738	49.94
15	3420	1106	0	4526	2494	3383	0	391	4967	4968	-1706	14056	0	14056	2830	16886	49.92
16	3460	1252	0	4712	2481	3372	0	294	4587	4628	-1662	13825	0	13825	2802	16627	49.99
17	3478	1383	0	4861	2392	3359	0	188	4466	4565	-1525	13840	0	13840	2783	16623	49.89
18	3458	1317	0	4775	2344	3424	0	65	4766	4849	-1512	13945	0	13945	2759	16704	49.90
19	3631	1193	0	4824	2056	3724	0	3	5348	5233	-1455	14385	0	14385	2739	17124	49.84
20	3552	1411	0	4963	1881	3903	0	0	5494	5617	-1347	15017	0	15017	2761	17778	49.95
21	3326	1206	0	4532	1742	3820	0	0	5042	5153	-1267	13980	0	13980	2612	16592	49.96
22	3313	1356	0	4669	1766	3634	0	0	5063	4923	-1288	13704	0	13704	2481	16185	49.99
23	3272	1196	0	4468	1672	3545	0	0	4830	4741	-1264	13162	0	13162	2317	15479	49.96
24	3208	1321	0	4529	1498	3438	0	0	4698	4619	-1201	12883	0	12883	2199	15082	50.01
MUs	81.67	29.18	0.00	110.85	49.11	84.28	0.00	3.56	121.07	120.74	-32.35	336.19	0.00	336.19	58.95	395.14	49.96

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 09/Sep/2019

Position as on 6.30 Hrs of 10/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	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure(Converted to AOH from 16-8-2019)	
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	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
IPP	Adani U-3	660	01/09/2019	00.51		Continued.	APH 3B Support bearing Abnormal Sound.	
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	Uran Unit A0	120	03/09/2019	04.22		Continued.	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24		Continued.	boiler discrepancy.	
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Sep/2019

Position as on 6.30 Hrs of 10/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							ONGC.	
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Koradi Unit 10	660	03/09/2019	19.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Nasik Unit 3	210	07/09/2019	15.30		Continued.	Due To Wet & Sticky Coal Problem.	
MSPGCL	Khaparkheda Unit 3	210	09/09/2019	03.41		Continued.	Reheater protection operated	
MSPGCL	Paras Unit 3	250	09/09/2019	10.22	09/09/2019	12.16	Furnace Pressure High	
MSPGCL	Nasik Unit 5	210	10/09/2019	04.50	10/09/2019	07.10	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	26/08/2019	09.04	10/09/2019	08.21	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31	10/09/2019	08.52	HT	Control line loading of 400 KV SSP-Asoi.
Chandrapur-II - Warora - I	InterState	10/09/2019	09.44	10/09/2019	11.57	PO	Scada & Protection Work.
Dhule Khandwa II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Bus Coupler @ Parly(Girwali)	IntraState	09/09/2019	11.46	09/09/2019	16.05	PO	Relay Testing And Maintenance Work.
Bus Coupler @ Karad	IntraState	09/09/2019	14.26	09/09/2019	16.33	EO	Attending Hot Spot
Karad - Jaigad - II	IntraState	10/09/2019	00.04	10/09/2019	08.19	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	10/09/2019	02.26	10/09/2019	07.44	T	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	10/09/2019	02.41	10/09/2019	08.21	T	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	10/09/2019	15.26	10/09/2019	18.23	EO	Attending Hot Spot At New Koyna End.
400 KV ICT Outages/Trippings							
400/11.5/6.6 KV 70 MVA Station T/F @Khaparkheda	InterState	23/08/2019	14.48	10/09/2019	15.20	PO	Routine Maintenance Work
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	10/09/2019	18.32		Continued.	T	Differential protection
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	09/09/2019	06.24	10/09/2019	13.55	T	Distance Protection
Oni Kharepatan Line	IntraState	09/09/2019	11.27	09/09/2019	17.43	PO	Quarterly Maintenance Work
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	09/09/2019	11.54	09/09/2019	13.55	PO	Repairing Conductor At TL No.43.
Mahad-Kandalgaon	IntraState	10/09/2019	07.10	10/09/2019	13.20	EO	Attending Hot Spot On Loc NO9
Kandalgaon - Koyna (Pophali)	IntraState	10/09/2019	07.22		Continued.	T	Distance Protection
Badnera - Amravati	IntraState	10/09/2019	11.05	10/09/2019	19.30	PO	For Connection of ERS Tower.
Tambati - Adlabs	IntraState	10/09/2019	11.55	10/09/2019	18.34	T	As Wavetrap Burst At Adlab.
New Koyna - Pedambe	IntraState	10/09/2019	11.55	10/09/2019	12.38	T	On Over Current At Pedambe End.
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	10/09/2019	12.39	10/09/2019	13.23	T	Distance Protection,B-PH,Z-2.1.32A,132.82KM From Nashik.
Mahad - Pedambe	IntraState	10/09/2019	15.06	10/09/2019	15.27	T	Distance Protection
Mahad - Pedambe	IntraState	10/09/2019	15.40	10/09/2019	21.45	T	Distance Protection
New Koyna - Pedambe	IntraState	10/09/2019	18.13	10/09/2019	18.27	T	ON Back Up Protection., Tripped At Pedambe End only.
Koyna (Pophali) - Kdph	IntraState	10/09/2019	19.45		Continued.	EO	Attending Broken Conductor Of Pophali Kandalgaon line.
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	10/09/2019	11.55	10/09/2019	14.32	T	Due To 220KV Sectionaliser Tripping.

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