

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Sep/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.258	424.001	1) Gujrat	9.119	48.843
2) Hydro	7.891	32.498	2) Madhya Pradesh	-1.293	1.715
3) Gas	0.000	14.128	3) Chattisgarh	1.840	9.680
Total MSPGCL	82.149	470.627	4) Maharashtra	124.426	570.155
B) 1) APMIL	53.040	262.492	5) Goa (Amona)	-0.726	-3.102
2) JSWEL	21.587	104.293	Total	133.366	627.291
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.911	110.262
4) RPL(AMT)	21.939	102.207	b) Mumbai Drawl	31.028	143.772
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.510	51.553
6) Other IPP	3.025	14.110	Include PX	0.420	-7.991
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.911	110.262
C) 1) TPCL Thermal	12.818	62.939	Include PX	10.443	47.964
2) TPCL Hydro	4.791	15.082	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.420	46.355	1) MSEDCL	341.574	1658.433
D) STATE			2) Mumbai Discoms	58.057	276.025
1) Thermal	196.087	1016.397	TOTAL STATE	399.631	1934.458
(A1+C1+C4+(B1-B6))					
2) Hydro	12.682	47.580			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	52.554	199.000			
6) SOLAR	4.942	22.185			
TOTAL STATE	266.265	1307.174			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3140	3204	3134	2891
MSPGCL Hydro	330	310	678	260
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	3470	3514	3812	3151
Central Sector Receipt	6393	6121	5943	4285
WIND	2284	2223	2195	2048
CPP / IPP Thermal	4429	4251	4557	3532
CPP / IPP Gas	0	0	0	0
SOLAR	560	583	0	0
Exchange with Mumbai	-1793	-1889	-1249	-863
MSEDCL DEMAND MET	15343	14803	15258	12153
Load Shedding	0	0	0	0
MSEDCL DEMAND	15343	14803	15258	12153
TPCL GENERATION	800	706	1005	573
AEML GENERATION	373	373	467	373
MUMBAI DEMAND	2966	2968	2721	1809
STATE DEMAND MET	18309	17771	17979	13962
STATE DEMAND	18309	17771	17979	13962
Frequency (Hz)	50.02	50.01	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 08.04 Hrs	49.84 Hz at 14.24 Hrs	50.01	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 05/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.32	9.63	85	35
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	10.02	0	0
Unit 10	0.00	17.77	0	0
Total	1.32	37.43		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	10.19	47.10	500	355
Unit 5	0.00	0.00	0	0
Total	10.19	50.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.64	23.86	211	175
Unit 7	4.62	23.60	212	158
Unit 8	0.00	0.00	0	0
Total	9.26	47.46		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.65	15.80	124	88
Unit 5	6.92	35.12	295	275
Unit 6	6.43	29.21	300	195
Unit 7	0.00	0.00	0	0
Unit 8	4.98	35.42	250	160
Unit 9	4.75	33.37	232	152
Total	25.73	148.92		
Paras				
Unit 3	4.43	12.65	236	152
Unit 4	0.00	0.00	0	0
Total	4.43	12.65		
Khaparkheda				
Unit 1	2.47	13.43	140	0
Unit 2	0.00	0.00	0	0
Unit 3	3.02	16.21	145	100
Unit 4	3.38	16.60	165	125
Unit 5	7.19	35.40	392	250
Total	16.06	81.64		
Nasik				
Unit 3	1.97	14.38	117	55
Unit 4	2.70	16.12	135	84
Unit 5	2.62	15.38	150	52
Total	7.28	45.89		
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)	0.16	0.30	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.30		
Koyna				
Stage 1-2	1.86	10.30	285	40
Stage 4	0.12	0.25	119	0
Stage 3	2.48	8.67	160	0
Total	4.45	19.22		
Hydro				
KDPH	0.72	4.03	30	30
VTRNA	0.00	0.00	0	0
TILLARI	1.05	2.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	1.94	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	1.73	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.86	3.23	37	36
GHATGHAR	0.00	0.00	0	0
Total	3.44	13.28		
Wind				
Total	52.55	199.00	0	0
Total	52.55	199.00		
CPP				
APML(Mus)	53.04	262.49	0	0
JSWEL(Mus)	21.59	104.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.94	102.21	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.02	14.11	0	0
Total	99.59	483.10		
SOLAR				
Total	4.94	22.18	0	0
Total	4.94	22.18		
Tata				
Trombay 5	7.98	38.94	459	297
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	4.84	24.00	216	195
TATA Hydro	4.79	15.08	413	75
Total	17.61	85.90		
AEML				
DTPS U-1&2	9.42	46.36	494	372
Total	9.42	46.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	74.26	424.00	MSPGCL Total	82.15	470.63
			MSPGCL Thml+Gas	74.26	438.13	Koyna 1,2 & 4 Total	1.97	10.55
			MSPGCL Hydro	7.89	32.50	State Total	266.26	1307.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	2886	260	0	3146	2145	3859	0	0	4879	4581	-1021	12710	0	12710	1999	14709	50.00
2	2904	260	0	3164	2198	3639	0	0	4438	4639	-936	12704	0	12704	1887	14591	49.99
3	2891	260	0	3151	2048	3532	0	0	4284	4285	-863	12153	0	12153	1809	13962	50.00
4	2807	260	0	3067	2194	3633	0	0	4422	4432	-821	12505	0	12505	1769	14274	50.01
5	2834	275	0	3109	2156	3694	0	0	4731	4703	-807	12855	0	12855	1752	14607	50.01
6	3060	260	0	3320	2270	4063	0	0	5265	5293	-889	14057	0	14057	1840	15897	50.00
7	3007	260	0	3267	2221	4391	0	20	6040	6229	-930	15198	0	15198	1918	17116	49.98
8	3040	277	0	3317	2090	4395	0	152	6277	6474	-891	15537	0	15537	2143	17680	50.06
9	3080	305	0	3385	2228	4431	0	353	6079	6274	-1078	15593	0	15593	2460	18053	50.06
10	3165	305	0	3470	2153	4454	0	519	6213	6153	-1467	15282	0	15282	2780	18062	50.02
11	3140	330	0	3470	2284	4429	0	560	6443	6393	-1793	15343	0	15343	2966	18309	50.02
12	3153	410	0	3563	2262	4361	0	608	6424	6208	-1934	15068	0	15068	3047	18115	49.99
13	3204	310	0	3514	2223	4251	0	583	6276	6121	-1889	14803	0	14803	2968	17771	50.01
14	3162	344	0	3506	2174	4070	0	606	5996	5816	-1784	14388	0	14388	2793	17181	50.02
15	3106	505	0	3611	2172	3833	0	644	5797	6007	-1701	14566	0	14566	2786	17352	49.99
16	3103	485	0	3588	2210	3869	0	530	5803	5957	-1637	14517	0	14517	2754	17271	49.99
17	3188	381	0	3569	2361	4087	0	272	5901	5902	-1637	14554	0	14554	2733	17287	50.01
18	3167	351	0	3518	2342	4089	0	90	5673	5977	-1623	14393	0	14393	2731	17124	50.03
19	3176	411	0	3587	2263	4307	0	5	5755	5730	-1539	14353	0	14353	2757	17110	49.97
20	3134	678	0	3812	2195	4557	0	0	5706	5943	-1249	15258	0	15258	2721	17979	50.01
21	3129	326	0	3455	2126	4457	0	0	5504	5536	-1188	14386	0	14386	2557	16943	50.01
22	3192	288	0	3480	2056	4450	0	0	5320	5336	-1163	14159	0	14159	2437	16596	50.00
23	3299	223	0	3522	1992	4439	0	0	4934	4836	-1116	13673	0	13673	2294	15967	49.97
24	3431	127	0	3558	2191	4301	0	0	4716	4541	-1072	13519	0	13519	2156	15675	50.02
MUs	74.26	7.89	0.00	82.15	52.55	99.59	0.00	4.94	132.88	133.37	-31.03	341.57	0.00	341.57	58.06	399.63	50.01

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 05/Sep/2019

Position as on 6.30 Hrs of 06/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	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	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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	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	Koradi Unit 9	660	02/09/2019	16.19		Continued.	Boiler Tube Leakage	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Sep/2019

Position as on 6.30 Hrs of 06/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at 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	Khaparkheda Unit 1	210	04/09/2019	21.43	05/09/2019	01.01	Flame Failure	
MSPGCL	Koradi Unit 6	210	06/09/2019	05.37		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 06/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 1	IntraState	05/09/2019	11.14	05/09/2019	17.10	PO	Base Filter 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	26/08/2019	09.04		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/09/2019	00.31	05/09/2019	07.23	HT	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	05/09/2019	07.42	05/09/2019	08.14	T	Auto Trip At Aurangabad End Only Due to Low Hydrolic pressure.
TBC @ Bhusawal-II	IntraState	05/09/2019	12.30	05/09/2019	15.45	PO	On/OFF Trials & Status Confirmation.
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.
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)
Pohali-Nerle	IntraState	05/09/2019	09.45		Continued.	T	Distance Protection/18 KM/R PH/Nerle Back UP 1165KA.
Taloja II - OCIL-I	IntraState	05/09/2019	10.17	05/09/2019	12.17	T	Distance Protection./3.67 KM.4KA.R PH-E.
Nerle - Dasgaon	IntraState	05/09/2019	10.43		Continued.	HT	On overloading Due To Tripping Of Pophali-nerle Line.
Karad - Vita Ckt- I	IntraState	05/09/2019	11.43	05/09/2019	16.01	HT	To attend Hot Spot
Taloja II - OCIL-I	IntraState	05/09/2019	14.04	05/09/2019	16.17	T	Distance Protection,R-E,3.672 KM. 24 A.

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