

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Sep/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	80.139	349.743	1) Gujrat	8.769	39.724
2) Hydro	8.113	24.607	2) Madhya Pradesh	-1.224	3.008
3) Gas	0.000	14.128	3) Chattisgarh	2.180	7.840
Total MSPGCL	88.252	388.478	4) Maharashtra	126.350	445.729
B) 1) APLM	54.049	209.452	5) Goa (Amona)	-0.660	-2.376
2) JSWEL	21.337	82.706	Total	135.415	493.925
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.437	86.351
4) RPL(AMT)	21.047	80.268	b) Mumbai Drawl	28.675	112.744
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.574	39.043
6) Other IPP	2.790	11.085	Include PX	-0.994	-8.410
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.437	86.351
C) 1) TPCL Thermal	13.085	50.121	Include PX	11.644	37.521
2) TPCL Hydro	4.308	10.291	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.552	36.935	1) MSEDCL	339.938	1316.859
D) STATE			2) Mumbai Discoms	55.613	217.968
1) Thermal	201.999	820.310	TOTAL STATE	395.551	1534.827
(A1+C1+C4+(B1-B6))					
2) Hydro	12.421	34.898			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	41.910	146.446			
6) SOLAR	3.813	17.243			
TOTAL STATE	260.143	1040.909			

* 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	3507	3466	3218	3306
MSPGCL Hydro	372	350	659	117
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	3879	3816	3877	3423
Central Sector Receipt	6811	6169	5725	4647
WIND	1659	1767	1852	1464
CPP / IPP Thermal	4450	4043	4576	3813
CPP / IPP Gas	0	0	0	0
SOLAR	391	488	0	0
Exchange with Mumbai	-1402	-1664	-1049	-954
MSEDCL DEMAND MET	15788	14619	14981	12393
Load Shedding	0	0	0	0
MSEDCL DEMAND	15788	14619	14981	12393
TPCL GENERATION	929	746	965	522
AEML GENERATION	459	372	470	374
MUMBAI DEMAND	2790	2782	2484	1850
STATE DEMAND MET	18578	17401	17465	14243
STATE DEMAND	18578	17401	17465	14243
Frequency (Hz)	50.01	49.99	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10.02 Hrs	49.79 Hz at 18.51 Hrs	50	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 04/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.35	8.31	84	36
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	1.35	36.11		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.08	36.90	430	355
Unit 5	0.00	0.00	0	0
Total	9.08	39.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.48	19.22	205	172
Unit 7	4.52	18.98	209	158
Unit 8	0.00	0.00	0	0
Total	9.00	38.20		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.59	13.16	150	75
Unit 5	7.41	28.20	330	280
Unit 6	6.20	22.78	292	195
Unit 7	0.00	0.00	0	0
Unit 8	7.52	30.44	360	210
Unit 9	7.38	28.62	374	201
Total	31.10	123.20		
Paras				
Unit 3	4.92	8.22	230	187
Unit 4	0.00	0.00	0	0
Total	4.92	8.22		
Khaparkheda				
Unit 1	2.22	10.96	130	0
Unit 2	0.00	0.00	0	0
Unit 3	3.00	13.18	145	103
Unit 4	3.49	13.22	152	135
Unit 5	7.55	28.21	340	280
Total	16.26	65.58		
Nasik				
Unit 3	2.38	12.42	124	62
Unit 4	2.91	13.42	132	97
Unit 5	3.14	12.77	155	100
Total	8.43	38.61		
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)	0.07	0.14	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.14		
Koyna				
Stage 1-2	2.15	8.44	310	40
Stage 4	0.13	0.13	133	0
Stage 3	2.63	6.19	160	0
Total	4.92	14.77		
Hydro				
KDPH	0.78	3.31	35	31
VTRNA	0.00	0.00	0	0
TILLARI	0.94	1.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	1.48	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	1.38	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	2.36	27	26
GHATGHAR	0.00	0.00	0	0
Total	3.20	9.84		
Wind				
Total	41.91	146.45	0	0
Total	41.91	146.45		
CPP				
APML(Mus)	54.05	209.45	0	0
JSWEL(Mus)	21.34	82.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.05	80.27	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.79	11.08	0	0
Total	99.22	383.51		
SOLAR				
Total	3.81	17.24	0	0
Total	3.81	17.24		
Tata				
Trombay 5	8.26	30.96	475	299
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	4.83	19.16	216	195
TATA Hydro	4.31	10.29	378	15
Total	17.39	68.30		
AEML				
DTPS U-1&2	9.55	36.94	490	372
Total	9.55	36.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	80.14	349.74	MSPGCL Total	88.25	388.48
			MSPGCL Thml+Gas	80.14	363.87	Koyna 1,2 & 4 Total	2.28	8.58
			MSPGCL Hydro	8.11	24.61	State Total	260.14	1040.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	3390	132	0	3522	1510	4080	0	0	4916	4914	-1168	12858	0	12858	2078	14936	49.95
2	3333	127	0	3460	1617	4099	0	0	4857	4711	-1050	12837	0	12837	1946	14783	50.01
3	3306	117	0	3423	1464	3813	0	0	4656	4647	-954	12393	0	12393	1850	14243	50.00
4	3283	122	0	3405	1454	3827	0	0	4600	4817	-914	12589	0	12589	1802	14391	49.99
5	3252	212	0	3464	1600	4129	0	0	4719	4802	-906	13089	0	13089	1790	14879	49.97
6	3322	217	0	3539	1555	4422	0	0	5209	5297	-925	13888	0	13888	1883	15771	50.02
7	3464	472	0	3936	1499	4525	0	14	6040	6132	-833	15273	0	15273	2014	17287	49.98
8	3536	414	0	3950	1505	4494	0	120	6452	6615	-980	15704	0	15704	2209	17913	49.98
9	3534	447	0	3981	1546	4523	0	262	6472	6443	-1174	15581	0	15581	2518	18099	50.03
10	3507	372	0	3879	1659	4450	0	391	6643	6811	-1402	15788	0	15788	2790	18578	50.01
11	3593	355	0	3948	1807	4265	0	455	6852	6342	-1700	15117	0	15117	2917	18034	50.04
12	3480	361	0	3841	1627	4119	0	402	6640	6631	-1691	14929	0	14929	2886	17815	50.01
13	3466	350	0	3816	1767	4043	0	488	6664	6169	-1664	14619	0	14619	2782	17401	49.99
14	3513	357	0	3870	1899	3847	0	528	6038	5803	-1522	14425	0	14425	2584	17009	50.01
15	3479	314	0	3793	1984	3588	0	513	6074	5663	-1437	14104	0	14104	2492	16596	50.01
16	3407	483	0	3890	1966	3429	0	382	5645	5902	-1318	14251	0	14251	2417	16668	49.98
17	3380	375	0	3755	1800	3812	0	188	5779	5777	-1266	14066	0	14066	2373	16439	49.98
18	3195	336	0	3531	1917	3941	0	66	5691	5847	-1247	14055	0	14055	2369	16424	50.02
19	3232	634	0	3866	1786	4341	0	4	5734	5809	-1189	14617	0	14617	2385	17002	49.94
20	3218	659	0	3877	1852	4576	0	0	5998	5725	-1049	14981	0	14981	2484	17465	49.97
21	3194	350	0	3544	1896	4483	0	0	5670	5565	-1051	14437	0	14437	2408	16845	50.00
22	3151	325	0	3476	2070	4438	0	0	5252	5046	-1076	13954	0	13954	2309	16263	50.04
23	2977	311	0	3288	2040	4185	0	0	5055	5029	-1077	13465	0	13465	2208	15673	50.02
24	2927	271	0	3198	2090	3794	0	0	5183	4918	-1082	12918	0	12918	2126	15044	49.99
MUs	80.14	8.11	0.00	88.25	41.91	99.22	0.00	3.81	136.84	135.42	-28.68	339.94	0.00	339.94	55.62	395.56	50.00

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 04/Sep/2019

Position as on 6.30 Hrs of 05/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 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.	Coal Shortage	
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 04/Sep/2019

Position as on 6.30 Hrs of 05/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 05/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		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Khadka-Aurangabad (Waluj)	IntraState	29/08/2019	17.36	04/09/2019	11.34	HT	Over Voltage
karad -kolhapur-I	IntraState	03/09/2019	22.08	04/09/2019	16.02	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	04/09/2019	09.31	04/09/2019	16.45	PO	C & Tan Delta Measurement Of CT & Maint Work.
Khadka- Deepnagar Ckt 1	IntraState	04/09/2019	09.40	04/09/2019	13.40	PO	Main CB DCRM Work.
Taptitanda Waluj	IntraState	04/09/2019	11.45	04/09/2019	16.10	PO	Teed Protection Relay Testing.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Lonikand I - Koyrna stage-IV	IntraState	05/09/2019	00.31		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.
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)
Mahad - Pedambe	IntraState	03/09/2019	19.12	04/09/2019	16.06	T	R-PH Cond Snap & Wave Trap Blast Mahad end.
Osmanabad - Barshi	IntraState	04/09/2019	11.42	04/09/2019	12.56	PO	Quarterly Maintainance Work
220 KV ICT Outages/Trippings							
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	04/09/2019	06.50	04/09/2019	08.10	PO	Bird Nest Removal.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	04/09/2019	09.37	04/09/2019	11.03	PO	Routine Maintenance Work

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