

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Sep/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	63.096	2004.920	1) Gujrat	16.021	338.546
2) Hydro	25.927	412.217	2) Madhya Pradesh	6.861	86.713
3) Gas	6.344	69.387	3) Chattisgarh	4.180	69.200
Total MSPGCL	95.367	2486.524	4) Maharashtra	142.864	2966.594
B) 1) APML	43.531	1213.653	5) Goa (Amona)	-0.286	-15.884
2) JSWEL	21.240	515.111	Total	169.640	3445.169
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.571	624.921
4) RPL(AMT)	21.416	519.639	b) Mumbai Drawl	33.060	784.091
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.845	386.518
6) Other IPP	3.041	69.169	Include PX	12.926	65.987
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.571	622.446
C) 1) TPCL Thermal	12.648	320.093	Include PX	13.731	286.477
2) TPCL Hydro	4.051	109.420	Standby	0.000	2.475
3) TPCL Gas	4.378	15.132	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.335	216.244	1) MSEDCL	328.020	8353.217
D) STATE			2) Mumbai Discoms	63.469	1444.968
1) Thermal	174.307	4858.829	TOTAL STATE	391.489	9798.185
(A1+C1+C4+(B1-B6))					
2) Hydro	29.978	521.637			
(A2+C2)					
3) Gas	10.722	84.519			
(A3+B7+C3)					
4) Wind	2.951	781.528			
6) SOLAR	3.894	106.515			
TOTAL STATE	221.852	6353.028			

* 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 5 Hrs
MSPGCL Thermal	2610	2673	2842	2758
MSPGCL Hydro	792	1246	1642	913
MSPGCL Gas	260	246	261	264
MSPGCL Total Generation	3662	4165	4745	3935
Central Sector Receipt	8099	7699	7407	5679
WIND	65	91	91	126
CPP / IPP Thermal	3903	3752	4171	3642
CPP / IPP Gas	0	0	0	0
SOLAR	381	45	0	0
Exchange with Mumbai	-1702	-1643	-1201	-861
MSEDCL DEMAND MET	14408	14109	15213	12521
Load Shedding	0	0	0	0
MSEDCL DEMAND	14408	14109	15213	12521
TPCL GENERATION	850	988	1297	680
AEML GENERATION	374	371	487	375
MUMBAI DEMAND	2926	3002	2985	1916
STATE DEMAND MET	17334	17111	18198	14437
STATE DEMAND	17334	17111	18198	14437
Frequency (Hz)	50.03	50.01	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.02 Hrs	49.83 Hz at 15.42 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 25/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	6.85	139.36	305	254
Unit 10	7.08	111.71	350	210
Total	13.92	261.26		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.07	233.35	360	305
Unit 5	0.00	0.00	0	0
Total	8.07	236.26		
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	4.27	121.33	234	140
Unit 8	0.00	0.00	0	0
Total	4.27	207.14		
Chandrapur				
Unit 3	0.00	12.45	0	0
Unit 4	2.13	70.54	101	70
Unit 5	0.00	152.04	0	0
Unit 6	6.47	164.90	290	255
Unit 7	0.00	0.00	0	0
Unit 8	7.46	154.26	365	280
Unit 9	5.72	176.41	310	0
Total	21.79	730.59		
Paras				
Unit 3	4.27	61.63	204	161
Unit 4	0.00	0.00	0	0
Total	4.27	61.63		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	0.00	3.77	0	0
Unit 3	3.18	67.91	150	115
Unit 4	0.00	81.55	0	0
Unit 5	1.90	166.44	220	0
Total	5.08	353.84		
Nasik				
Unit 3	0.00	58.13	0	0
Unit 4	2.83	55.53	170	78
Unit 5	2.86	40.55	154	82
Total	5.69	154.20		
Uran				
All Units	6.34	69.39	346	245
Total	6.34	69.39		
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	20.96	54	51

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	20.96		
Koyna				
Stage 1-2	5.98	80.82	585	40
Stage 4	13.22	179.80	734	214
Stage 3	4.28	75.19	240	0
Total	23.48	335.81		
Hydro				
KDPH	0.87	20.23	37	36
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.	0.13	8.77	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	8.61	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.65	20.51	27	26
GHATGHAR	0.46	5.42	125	0
Total	2.45	76.40		
Wind				
Total	2.95	781.53	0	0
Total	2.95	781.53		
CPP				
APML(Mus)	43.53	1213.65	0	0
JSWEL(Mus)	21.24	515.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.42	519.64	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.04	69.17	0	0
Total	89.23	2317.57		
SOLAR				
Total	3.89	106.52	0	0
Total	3.89	106.52		
Tata				
Trombay 5	7.86	202.33	455	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	9.50	116	115
Trombay 7B	1.60	5.63	67	66
Trombay 8	4.79	117.76	204	197
TATA Hydro	4.05	109.42	459	0
Total	21.08	444.64		
AEML				
DTPS U-1&2	9.34	216.24	497	320
Total	9.34	216.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	63.10	2004.92	MSPGCL Total	95.37	2486.52
			MSPGCL Thml+Gas	69.44	2074.31	Koyna 1,2 & 4 Total	19.20	260.63
			MSPGCL Hydro	25.93	412.22	State Total	221.85	6353.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	2711	1133	253	4097	141	3933	0	0	6011	5770	-1212	12729	0	12729	2296	15025	49.96
2	2706	1060	252	4018	236	3761	0	0	5851	5747	-1051	12711	0	12711	2121	14832	49.98
3	2622	1307	264	4193	164	3607	0	0	5394	5523	-938	12549	0	12549	2009	14558	50.04
4	2657	1368	252	4277	175	3666	0	0	5385	5272	-890	12500	0	12500	1944	14444	50.03
5	2758	913	264	3935	126	3642	0	0	5838	5679	-861	12521	0	12521	1916	14437	50.01
6	2774	1475	253	4502	61	3567	0	0	5954	6319	-960	13489	0	13489	2016	15505	49.94
7	2772	1413	271	4456	34	3729	0	14	6980	7315	-1065	14483	0	14483	2121	16604	49.98
8	2607	1336	251	4194	62	3895	0	120	7576	7594	-1198	14667	0	14667	2324	16991	50.01
9	2657	950	252	3859	68	3928	0	261	7818	7843	-1475	14484	0	14484	2632	17116	50.02
10	2610	792	260	3662	65	3903	0	381	7891	8099	-1702	14408	0	14408	2926	17334	50.03
11	2477	787	248	3512	59	3709	0	424	8091	8191	-1852	14043	0	14043	3088	17131	50.06
12	2459	854	246	3559	97	3614	0	605	8146	7974	-1917	13932	0	13932	3155	17087	50.01
13	2544	623	267	3434	155	3150	0	591	7855	7622	-1885	13067	0	13067	3120	16187	50.03
14	2517	979	246	3742	157	3531	0	515	7111	7384	-1804	13525	0	13525	3005	16530	50.06
15	2576	962	245	3783	177	3524	0	428	7320	7237	-1817	13332	0	13332	3030	16362	49.97
16	2639	981	253	3873	141	3527	0	319	7471	7360	-1816	13404	0	13404	3040	16444	49.95
17	2615	1009	255	3879	47	3540	0	191	7614	7671	-1820	13508	0	13508	3037	16545	50.02
18	2673	1246	246	4165	91	3752	0	45	7671	7699	-1643	14109	0	14109	3002	17111	50.01
19	2747	1300	257	4304	64	4000	0	0	7884	7830	-1400	14798	0	14798	3027	17825	50.04
20	2842	1642	261	4745	91	4171	0	0	7545	7407	-1201	15213	0	15213	2985	18198	50.04
21	2646	968	277	3891	99	4068	0	0	7433	7387	-1056	14389	0	14389	2835	17224	50.04
22	2496	1198	302	3996	154	3824	0	0	7091	7131	-990	14115	0	14115	2701	16816	50.06
23	2479	827	323	3629	272	3709	0	0	7079	6927	-1151	13386	0	13386	2605	15991	50.03
24	2512	804	346	3662	215	3478	0	0	6743	6659	-1356	12658	0	12658	2537	15195	50.05
MUs	63.10	25.93	6.34	95.37	2.95	89.23	0.00	3.89	169.75	169.64	-33.06	328.02	0.00	328.02	63.47	391.49	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 25/Sep/2019

Position as on 6.30 Hrs of 26/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 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	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	Uran Unit 5	108	23/09/2019	11.40	25/09/2019	19.49	Impedance Prot.Relay	
MSPGCL	Chandrapur Unit 5	500	24/09/2019	00.00		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Sep/2019

Position as on 6.30 Hrs of 26/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	24/09/2019	13.45		Continued.	poor coal Receipt.	
MSPGCL	Khaparkheda Unit 4	210	24/09/2019	15.30		Continued.	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	
MSPGCL	Chandrapur Unit 9	500	25/09/2019	20.23	25/09/2019	23.26	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	26/09/2019	01.52		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 26/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 II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	24/09/2019	14.00	25/09/2019	06.28	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	24/09/2019	18.12		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	25/09/2019	06.08	25/09/2019	18.10	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	25/09/2019	11.27	25/09/2019	20.19	T	Trial taken but tripped again on distance protection.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	25/09/2019	20.35	25/09/2019	22.10	T	Trip Due To Sparking.
Lonikand I - Koyna stage-IV	IntraState	25/09/2019	21.13		Continued.	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05		Continued.	T	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	24/09/2019	17.12		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	24/09/2019	10.35		Continued.	T	Distance Protection
satara MIDC- Malharpeth	IntraState	24/09/2019	11.33		Continued.	EO	Attending Hot Spot At Isolator.
Kandalgaon - Bhira	IntraState	24/09/2019	18.18	25/09/2019	06.00	T	Due To Heavy Lightening.
Kharghar-Borivali ckt II	IntraState	24/09/2019	21.54		Continued.	T	Distance Protection
Kalwa 52B Interconnector CB	IntraState	25/09/2019	07.28		Continued.	T	Tripped due To Kalwa-Apta Line.
Pophali - Pedambe II	IntraState	25/09/2019	09.50	25/09/2019	10.05	PO	Breaker Maintenance Work.
Bableswhar -Bhenda	IntraState	25/09/2019	11.25	25/09/2019	17.07	PO	Distance & Backup Protection Testing.
Chandrapur GCR - Wani	IntraState	25/09/2019	12.21	25/09/2019	18.22	PO	Bus Extension Work.
Paranda-Barshi	IntraState	25/09/2019	13.22	25/09/2019	17.19	PO	Attending Hot Spot At Barshi End.
Adlabs - Pedambe	IntraState	25/09/2019	13.28	25/09/2019	15.03	T	Distance Protection
Vankuswade - Kdph	IntraState	25/09/2019	14.00	25/09/2019	16.30	EO	Attending Hot Spot
Kandalgaon - Bhira	IntraState	25/09/2019	14.45	25/09/2019	18.30	PO	Disk Insulator Replacement Work.
Nagothane - ACCIL	IntraState	25/09/2019	15.30	25/09/2019	17.35	EO	CT Hot Spot Attending Work B-Phase.
Nanded-Parbhani	IntraState	25/09/2019	19.28	25/09/2019	20.40	T	Tripped On PDR.
Nashik-Padgha	IntraState	25/09/2019	20.26	25/09/2019	22.19	T	To Control The Load Of Nashik Bableswhar-1.
Urse-Chinchwad (ST tap)	IntraState	26/09/2019	00.13		Continued.	HT	Due To Sparking At B phase CC.
220 KV ICT Outages/Trippings							
220/100 kV 200 MVA ICT II @Padghe	IntraState	18/09/2019	16.30		Continued.	HT	Due To Leakage In HV Bushing.

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