

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Oct/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.566	302.236	1) Gujrat	16.538	49.642
2) Hydro	7.704	24.483	2) Madhya Pradesh	9.124	28.845
3) Gas	9.589	28.788	3) Chattisgarh	2.450	7.840
Total MSPGCL	128.859	355.507	4) Maharashtra	150.455	434.193
B) 1) APMIL	21.102	73.860	5) Goa (Amona)	-0.220	-0.704
2) JSWEL	16.516	50.654	Total	178.347	519.816
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.477	82.488
4) RPL(AMT)	23.664	70.254	b) Mumbai Drawl	32.663	93.493
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	35.864	87.821
6) Other IPP	8.887	25.210	Include PX	17.709	32.388
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.477	82.488
C) 1) TPCL Thermal	13.452	41.104	Include PX	14.631	42.066
2) TPCL Hydro	4.584	10.904	Standby	0.000	0.000
3) TPCL Gas	3.981	9.402	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.737	31.934	1) MSEDCL	356.424	1049.937
D) STATE			2) Mumbai Discoms	65.417	186.835
1) Thermal	205.924	595.252	TOTAL STATE	421.841	1236.772
(A1+C1+C4+(B1-B6))					
2) Hydro	12.288	35.387			
(A2+C2)					
3) Gas	13.570	38.190			
(A3+B7+C3)					
4) Wind	6.005	28.887			
6) SOLAR	5.707	19.242			
TOTAL STATE	243.494	716.958			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4816	4787	4668	4527
MSPGCL Hydro	90	200	1309	125
MSPGCL Gas	393	388	398	401
MSPGCL Total Generation	5299	5375	6375	5053
Central Sector Receipt	8407	8002	7206	6045
WIND	168	133	281	339
CPP / IPP Thermal	2894	2832	3340	2628
CPP / IPP Gas	0	0	0	0
SOLAR	803	615	0	0
Exchange with Mumbai	-1839	-1703	-1290	-926
MSEDCL DEMAND MET	15732	15254	15912	13139
Load Shedding	0	0	0	0
MSEDCL DEMAND	15732	15254	15912	13139
TPCL GENERATION	1003	991	1296	620
AEML GENERATION	491	493	498	373
MUMBAI DEMAND	3333	3187	3084	1919
STATE DEMAND MET	19065	18441	18996	15058
STATE DEMAND	19065	18441	18996	15058
Frequency (Hz)	50.00	49.94	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 16.02 Hrs	49.77 Hz at 18.20 Hrs	49.95	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 03/Oct/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	9.37	27.28	430	350
Unit 10	10.27	28.54	500	380
Total	19.64	55.82		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.14	30.54	450	380
Unit 5	0.00	0.00	0	0
Total	10.14	30.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	5.21	15.85	248	187
Unit 8	5.12	14.54	226	190
Total	10.33	30.38		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.58	10.33	160	142
Unit 5	6.93	19.22	320	275
Unit 6	6.93	19.47	305	275
Unit 7	0.00	0.00	0	0
Unit 8	8.47	23.54	440	290
Unit 9	8.08	23.44	381	280
Total	34.00	95.99		
Paras				
Unit 3	0.00	1.18	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	1.18		
Khaparkheda				
Unit 1	3.38	6.30	155	125
Unit 2	4.32	12.48	190	165
Unit 3	4.32	12.70	190	160
Unit 4	3.94	11.08	185	150
Unit 5	10.19	20.32	490	300
Total	26.14	62.88		
Nasik				
Unit 3	3.67	3.82	178	140
Unit 4	3.76	10.68	184	117
Unit 5	3.88	10.94	180	130
Total	11.32	25.44		
Uran				
All Units	9.59	28.79	412	388
Total	9.59	28.79		
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)	1.26	3.80	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.26	3.80		
Koyna				
Stage 1-2	3.80	12.10	430	40
Stage 4	1.32	5.78	483	0
Stage 3	1.89	4.53	226	0
Total	7.00	22.40		
Hydro				
KDPH	0.07	0.29	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	0.72	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	0.44	5	4
GHATGHAR	0.23	0.63	125	0
Total	0.70	2.08		
Wind				
Total	6.00	28.89	0	0
Total	6.00	28.89		
CPP				
APML(Mus)	21.10	73.86	0	0
JSWEL(Mus)	16.52	50.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.66	70.25	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.89	25.21	0	0
Total	70.17	219.98		
SOLAR				
Total	5.71	19.24	0	0
Total	5.71	19.24		
Tata				
Trombay 5	8.56	26.32	448	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	5.85	116	65
Trombay 7B	1.50	3.55	67	50
Trombay 8	4.89	14.79	215	192
TATA Hydro	4.58	10.90	459	6
Total	22.02	61.41		
AEML				
DTPS U-1&2	10.74	31.93	500	373
Total	10.74	31.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	111.57	302.24	MSPGCL Total	128.86	355.51
			MSPGCL Thml+Gas	121.16	331.02	Koyna 1,2 & 4 Total	5.11	17.88
			MSPGCL Hydro	7.70	24.48	State Total	243.49	716.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Oct/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	4280	157	401	4838	264	2751	0	0	7363	6989	-1228	13614	0	13614	2337	15951	50.01
2	4338	404	410	5152	302	2719	0	0	6515	6443	-1138	13478	0	13478	2141	15619	49.98
3	4436	159	402	4997	365	2707	0	0	6561	6052	-1002	13119	0	13119	2007	15126	50.03
4	4527	125	401	5053	339	2628	0	0	6145	6045	-926	13139	0	13139	1919	15058	50.02
5	4549	385	412	5346	299	2767	0	0	6008	6276	-917	13771	0	13771	1909	15680	49.99
6	4613	155	402	5170	226	2965	0	0	7150	7222	-980	14603	0	14603	2011	16614	50.01
7	4712	465	412	5589	215	3024	0	18	7858	7928	-980	15794	0	15794	2175	17969	50.00
8	4790	327	402	5519	201	3026	0	168	8424	8333	-1047	16200	0	16200	2370	18570	50.00
9	4823	125	399	5347	245	2961	0	434	8344	8143	-1492	15638	0	15638	2680	18318	48.98
10	4748	270	407	5425	260	2901	0	621	7870	8127	-1740	15594	0	15594	3018	18612	49.93
11	4694	116	396	5206	171	2891	0	765	8191	8238	-1867	15404	0	15404	3227	18631	50.00
12	4816	90	393	5299	168	2894	0	803	8506	8407	-1839	15732	0	15732	3333	19065	50.00
13	4721	120	394	5235	151	2632	0	780	8172	8151	-1803	15146	0	15146	3265	18411	50.04
14	4741	65	390	5196	193	2603	0	704	7858	8093	-1677	15112	0	15112	3146	18258	49.94
15	4787	200	388	5375	133	2832	0	615	7909	8002	-1703	15254	0	15254	3187	18441	49.94
16	4753	50	390	5193	201	2922	0	457	8076	8056	-1803	15026	0	15026	3206	18232	49.96
17	4660	210	391	5261	311	2980	0	284	7714	7799	-1667	14968	0	14968	3198	18166	50.04
18	4636	95	393	5124	316	3054	0	58	7542	7394	-1346	14600	0	14600	3148	17748	50.00
19	4619	928	404	5951	350	3375	0	0	7303	7284	-1307	15653	0	15653	3107	18760	49.90
20	4668	1309	398	6375	281	3340	0	0	7290	7206	-1290	15912	0	15912	3084	18996	50.04
21	4674	590	398	5662	253	3187	0	0	7039	7296	-1226	15172	0	15172	2910	18082	50.04
22	4671	813	409	5893	191	3028	0	0	6921	6911	-1154	14869	0	14869	2758	17627	50.02
23	4684	307	397	5388	304	3016	0	0	6842	7025	-1138	14595	0	14595	2670	17265	49.97
24	4626	239	400	5265	266	2966	0	0	6908	6927	-1393	14031	0	14031	2611	16642	49.97
MUs	111.57	7.70	9.59	128.86	6.01	70.17	0.00	5.71	178.51	178.35	-32.66	356.42	0.00	356.42	65.42	421.84	49.95

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 03/Oct/2019

Position as on 6.30 Hrs of 04/Oct/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	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)	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
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 from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
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.	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	30/09/2019	11.00		Continued.	wet coal.	
IPP	JSW (J) U3	300	30/09/2019	23.53		Continued.	No schedule.	
MSPGCL	Paras Unit 3	250	01/10/2019	11.18	04/10/2019	03.10	Boiler Tube Leakage	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-2	250	02/10/2019	19.19		Continued.	Down Stream Seal Leakage Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Oct/2019

Position as on 6.30 Hrs of 04/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna STG-IV Unit-4	250	03/10/2019	06.45	03/10/2019	12.20	DC Supply Fail.	
MSPGCL	Koyna STG-IV Unit-3	250	03/10/2019	06.45	03/10/2019	12.20	DC Supply Fail.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 04/Oct/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	O/V (Trial Taken At 08.10 But Trip Again O/V.)
New Koyna - Dabhol - II	IntraState	01/10/2019	08.54		Continued.	PO	Earth Wire Replacement Work (RFC:18.48 Dt.03.10.2019)
Karad - Lonikand 1	IntraState	03/10/2019	10.48	03/10/2019	18.36	PO	Routine Maintenance Work
Khadka - Bableshwar	IntraState	03/10/2019	15.57	03/10/2019	17.30	PO	Annual Maintenance Work
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.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	03/10/2019	09.30	03/10/2019	17.33	PO	Half Yearly Maintenance & Diagnostic Testing Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule
Tillari Amona	InterState	03/10/2019	03.43		Continued.	T	Distance Protection
Mahalakshmi Amona	InterState	03/10/2019	03.43	03/10/2019	04.44	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Sicom I	IntraState	01/10/2019	07.45		Continued.	PO	Erection of Inline Tower.
Chandrapur GCR - Sicom II	IntraState	01/10/2019	07.50		Continued.	PO	Erection of Inline Tower.
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	02/10/2019	17.28	03/10/2019	01.54	T	R Phase Decapping
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	02/10/2019	17.29	03/10/2019	01.56	T	R Phase Decapping
220kv Halkarni- Tillary	IntraState	03/10/2019	03.43	03/10/2019	06.07	T	Distance Protection
Bableshwar -Bhenda	IntraState	03/10/2019	06.23	03/10/2019	11.21	T	Distance Protection
220kv Halkarni- Tillary	IntraState	03/10/2019	06.23	03/10/2019	10.40	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	03/10/2019	09.54	03/10/2019	18.21	HT	For Availing Outage on Bhosari Telco.
Wardha-Dhamangaon	IntraState	03/10/2019	10.10	03/10/2019	17.00	PO	Quarterly Maintenance Work
Shirsuphal-Bhigwan	IntraState	03/10/2019	10.13	03/10/2019	17.04	PO	Diagnostic Testing Work.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	03/10/2019	10.32	03/10/2019	10.56	T	Distance Protection
Dhule - Malegaon	IntraState	03/10/2019	11.03	03/10/2019	17.19	EO	Jumper Replacement Work at LOC 179.
Bhosari 2 - Telco	IntraState	03/10/2019	12.00	03/10/2019	18.17	PO	SSN TO DSN Conversion Work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	03/10/2019	09.00	03/10/2019	16.04	PO	Diagnostic Testing Work.
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	03/10/2019	09.30	03/10/2019	16.10	PO	Quarterly Maintenance Work

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