

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 03/Oct/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.969	352.630	1) Gujrat	3.358	12.276
2) Hydro	13.836	41.404	2) Madhya Pradesh	22.104	67.625
3) Gas	6.901	20.693	3) Chattisgarh	6.430	18.480
Total MSPGCL	140.706	414.727	4) Maharashtra Net	160.151	470.723
B) 1) APML	60.049	178.542	5) Goa (Amona)	-0.154	-0.858
2) JSWEL	28.504	85.259	Total	191.889	568.246
3) VIPL	10.003	30.065	a) Mumbai Schedule	25.805	84.748
4) RPL(AMT)	6.521	19.304	b) Mumbai Drawl	29.881	86.535
5) WPCL	5.556	16.329	c) MSEDCL Bilateral *	88.215	263.043
6) PGPL	0.000	0.000	Include PX	55.277	166.641
7) Other IPP	7.226	21.604	d) Mumbai Bilateral *	25.805	84.748
C) 1) TPCL Thermal	16.355	48.244	Include PX	7.523	19.890
2) TPCL Hydro	6.301	14.583	Include Standby	0.000	0.000
3) TPCL Gas	4.376	13.105	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.821	35.586	1) MSEDCL	430.654	1279.542
D) STATE			2) Mumbai Discoms	68.734	198.052
1) Thermal	266.004	787.563	TOTAL STATE	499.388	1477.594
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	20.137	55.987			
3) Gas (A3+B6+C3)	11.277	33.798			
4) Wind	4.404	14.712			
6) SOLAR	5.677	17.289			
TOTAL STATE	307.499	909.349			

* 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	5051	5093	5252	4690
MSPGCL Hydro	269	409	1537	83
MSPGCL Gas	279	275	281	299
MSPGCL Total Generation	5599	5777	7070	5072
Central Sector Receipt	9329	9066	6939	7374
WIND	155	134	154	133
CPP / IPP Thermal	4920	4919	4960	4798
CPP / IPP Gas	0	0	0	0
SOLAR	775	642	0	0
Exchange with Mumbai	-1591	-1612	-1333	-738
MSEDCL DEMAND MET	19187	18926	17790	16639
Load Shedding	0	0	0	0
MSEDCL DEMAND	19187	18926	17790	16639
TPCL GENERATION	1328	1320	1321	832
R-INFRA GENERATION	500	500	499	495
MUMBAI DEMAND	3419	3432	3153	2065
STATE DEMAND MET	22606	22358	20943	18704
STATE DEMAND	22606	22358	20943	18704
Frequency (Hz)	49.99	49.95	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13:02 Hrs	49.79 Hz at 22:17 Hrs	49.97	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/2018

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	7.31	23.98	350	197
Unit 9	9.87	29.50	500	319
Unit 10	0.00	0.00	0	0
Total	17.18	53.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.62	23.22	360	300
Unit 5	0.00	0.00	0	0
Total	7.62	23.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.42	10.39	194	164
Unit 7	4.36	13.24	191	169
Unit 8	0.00	0.00	0	0
Total	8.78	23.63		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.42	12.92	191	176
Unit 5	9.10	26.76	395	355
Unit 6	9.08	26.59	405	345
Unit 7	9.42	27.16	420	364
Unit 8	10.51	29.81	453	420
Unit 9	10.47	30.22	450	417
Total	53.00	154.97		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.82	17.16	248	225
Total	5.82	17.16		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.92	7.27	160	100
Unit 3	3.71	10.67	175	140
Unit 4	3.60	10.76	160	132
Unit 5	9.90	28.82	440	380
Total	20.14	57.52		
Nasik				
Unit 3	3.68	11.25	160	147
Unit 4	3.75	11.40	160	148
Unit 5	0.00	0.00	0	0
Total	7.43	22.65		
Uran				
All Units	6.90	20.69	301	274
Total	6.90	20.69		
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)	0.58	2.09	32	15

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.58	2.09		
Koyna				
Stage 1-2	4.15	12.58	390	40
Stage 4	6.71	18.70	955	0
Stage 3	1.77	6.67	240	0
Total	12.63	37.96		
Hydro				
KDPH	0.44	0.68	19	18
VTRNA	0.00	0.13	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.61	70	0
RNGR+BHTSA	0.34	1.09	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	0.66	18	7
GHATGHAR	0.00	0.27	0	0
Total	1.21	3.45		
Wind				
Total	4.40	14.71	0	0
Total	4.40	14.71		
CPP				
APML(Mus)	60.05	178.54	0	0
JSWEL(Mus)	28.50	85.26	0	0
VIPL(Mus)	10.00	30.06	0	0
RPLAMT(Mus)	6.52	19.30	0	0
WPCL(Mus)	5.56	16.33	0	0
Other(Mus)	7.23	21.60	0	0
Total	117.86	351.10		
SOLAR				
Total	5.68	17.29	0	0
Total	5.68	17.29		
Tata				
Trombay 5	10.71	31.67	468	402
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	8.30	116	114
Trombay 7B	1.60	4.81	68	66
Trombay 8	5.64	16.57	242	221
TATA Hydro	6.30	14.58	459	0
Total	27.03	75.93		
R-INFRA				
DTPS U-1&2	11.82	35.59	502	388
Total	11.82	35.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.97	352.63	MSPGCL Total	140.71	414.73
			MSPGCL Thml+Gas	126.87	373.32	Koyna 1,2 & 4 Total	10.86	31.28
			MSPGCL Hydro	13.84	41.40	State Total	307.50	909.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Oct/2018

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	4741	550	298	5589	54	4927	0	0	7019	7164	-1070	16664	0	16664	2492	19156	49.96
2	4720	138	289	5147	64	4883	0	0	7337	7484	-944	16634	0	16634	2300	18934	49.99
3	4700	83	300	5083	114	4902	0	0	7267	7388	-824	16663	0	16663	2164	18827	50.00
4	4690	83	299	5072	133	4798	0	0	7268	7374	-738	16639	0	16639	2065	18704	49.98
5	4805	88	289	5182	182	4772	0	0	7515	7882	-835	17183	0	17183	2028	19211	49.95
6	4875	88	300	5263	208	4890	0	0	8210	8217	-800	17778	0	17778	2101	19879	49.92
7	4829	743	291	5863	262	4906	0	16	8451	8890	-879	19058	0	19058	2220	21278	49.97
8	4870	660	301	5831	180	4879	0	157	8510	8860	-971	18936	0	18936	2365	21301	50.03
9	4958	163	298	5419	212	4911	0	402	8418	8475	-1127	18292	0	18292	2682	20974	50.02
10	4972	248	285	5505	191	4927	0	602	8429	8377	-1284	18318	0	18318	3040	21358	49.97
11	5031	283	279	5593	148	4899	0	739	8821	9140	-1474	19045	0	19045	3304	22349	49.96
12	5051	269	279	5599	155	4920	0	775	9104	9329	-1591	19187	0	19187	3419	22606	49.99
13	5095	222	285	5602	133	4906	0	798	9105	8962	-1545	18856	0	18856	3381	22237	49.96
14	5136	226	274	5636	139	4916	0	746	9034	9022	-1502	18957	0	18957	3338	22295	49.97
15	5093	409	275	5777	134	4919	0	642	9063	9066	-1612	18926	0	18926	3432	22358	49.95
16	5037	469	277	5783	152	4901	0	465	9150	9162	-1666	18797	0	18797	3490	22287	49.94
17	5139	581	277	5997	143	4891	0	270	8868	9010	-1581	18730	0	18730	3405	22135	49.98
18	5181	411	280	5872	261	4963	0	64	8287	8229	-1478	17911	0	17911	3307	21218	49.96
19	5216	914	290	6420	246	4956	0	1	7387	7197	-1415	17405	0	17405	3249	20654	49.95
20	5252	1537	281	7070	154	4960	0	0	6951	6939	-1333	17790	0	17790	3153	20943	50.01
21	5232	1448	293	6973	306	4968	0	0	6414	6427	-1270	17404	0	17404	3024	20428	50.03
22	5244	1341	283	6868	291	4955	0	0	6265	6418	-1251	17281	0	17281	2932	20213	49.97
23	5146	1326	283	6755	270	4964	0	0	6268	6501	-1330	17160	0	17160	2946	20106	49.93
24	4956	1556	295	6807	272	4946	0	0	6262	6376	-1361	17040	0	17040	2897	19937	49.98
MUs	119.97	13.84	6.90	140.71	4.40	117.86	0.00	5.68	189.40	191.89	-29.88	430.65	0.00	430.65	68.73	499.39	49.97

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/2018

Position as on 6.30 Hrs of 04/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-3	660	03/09/2018	05.02		Continued.	Capital 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.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01:12	03/10/2018	24:00	Stator Earth Fault	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Inspection of Boiler Tubes by R & M Team.	
MSPGCL	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Koradi Unit 10	660	29/09/2018	12.42		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 5	500	30/09/2018	03.50		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	30/09/2018	22.24		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Ghatghar Unit-1	125	02/10/2018	00.55	03/10/2018	24.00	RBDT Valve leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 04/Oct/2018

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 Sar'Sarovar II	InterState	02/10/2018	18.05	03/10/2018	05.55	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	03/10/2018	09.02	03/10/2018	19.09	EO	Attending Hot Spot Of Jumper Pad.
Dhule Sar'Sarovar I	InterState	03/10/2018	17.30	04/10/2018	06.01	HT	Over Voltage
Padgha Tarapur II	InterState	03/10/2018	17.44	03/10/2018	18.13	T	Distance Protection, Zone-1, B PH-E, 31.2Km, IF-7.4KA.
Dhule Sar'Sarovar I	InterState	04/10/2018	08.56		Continued.	PO	Work by GETCO RFC at 18.36 HRS.
Padgha Tarapur I	InterState	04/10/2018	11.37	04/10/2018	16.19	T	Distance Protection tripped at Tarapur end only 30.7KM B-PH IB -7.5KA.
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bhusawal-Aurangabad	IntraState	02/10/2018	17.44	03/10/2018	05.14	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	03/10/2018	10.54	03/10/2018	15.31	EO	Tree Cutting At Dabhol End.
Khadka-Aurangabad (Waluj)	IntraState	03/10/2018	18.35	04/10/2018	05.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/10/2018	23.21	04/10/2018	02.17	T	Distance Protection, Z2, B PH E/F, 2.46KA, 197.9Km.
Koradi-RattanIndia	IntraState	04/10/2018	08.22	04/10/2018	19.24	PO	Work At Rattan India End.
Cahndrapur II - Dhariwal II	IntraState	04/10/2018	08.24	04/10/2018	13.31	PO	Fixing & tightening of nut-bolt.
Khadka-Aurangabad (Waluj)	IntraState	04/10/2018	18.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT II @Karad	IntraState	04/10/2018	00.15	04/10/2018	01.44	T	Bucholz Protection Optd.
400/220kv 315 Mva ICT II @Karad	IntraState	04/10/2018	10.53	04/10/2018	13.15	EO	Checking of bucholz alarm.
400/220kv 315 Mva ICT II @Karad	IntraState	04/10/2018	22.03		Continued.	HT	Checking of bucholz alarm.
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.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Osmanabad - Solapur (Bale)	IntraState	03/10/2018	02.26	03/10/2018	18.20	T	Distance Protection, Zone-1, R PH E/F.
Theur- Magar Patta City	IntraState	03/10/2018	08.29	04/10/2018	17.35	PO	Orientation Work Of 220Kv Theur-Lonikand 2 & 220Kv Theur-Magarpatta Lines.
Mumewadi-Belewadi	IntraState	03/10/2018	09.36	03/10/2018	13.43	PO	Diagnostic Testing Work.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	03/10/2018	10.48	03/10/2018	15.06	PO	Quarterly Maintenance Work
Osmanabad - Barshi	IntraState	03/10/2018	12.30	03/10/2018	19.35	OO	Out In Lieu Bus Outage At Osmanabad s/s.
Malharpeth - Karad(400kv)	IntraState	03/10/2018	12.51	03/10/2018	15.03	EO	Attending Hot Spot At LOC No 196.
Topworth - Kharghar	IntraState	03/10/2018	15.03	03/10/2018	16.40	EO	Removal Of Flex Banner On Line At LOC No 559 By Hot Line.
Butibori - VIPL Ckt II	IntraState	03/10/2018	15.10	03/10/2018	16.25	T	Distance Protection, Zone 1, B

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 04/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							PH.
Kandalgaon - Bhira	IntraState	04/10/2018	04.40	04/10/2018	14.05	T	Distance Protection, Z 2, R Y PH, IR 15.80KA, IB 15.26KA, DIST. 11.1KM.
Dhule-Chalisagaon	IntraState	04/10/2018	05.34		Continued.	HT	To control Dhule ICT overloading.
Kandalgaon - Sona Alloys	IntraState	04/10/2018	05.40	04/10/2018	06.32	T	Distance Protection, Z2, B PH E/F. IB 2.10KA.
Lonikand (400 Kv)-Theur li	IntraState	04/10/2018	07.56	04/10/2018	17.30	PO	PA rod replacement.
Mahindra Vehicle-Bridgestone	IntraState	04/10/2018	08.12	04/10/2018	17.16	PO	Stringing work on multi CKT tower. line out for safety.
Khaparkheda-Kalmeshwar	IntraState	04/10/2018	08.58	04/10/2018	15.06	PO	Routine Maintenance Work
Hamidwada-Mumewadi	IntraState	04/10/2018	09.35	04/10/2018	13.43	PO	Tan Delta testing.
512 Khadki- Century Enka	IntraState	04/10/2018	10.21	04/10/2018	12.09	PO	Half yearly maintenance work
Badnera - Nandgaonpeth	IntraState	04/10/2018	10.25	04/10/2018	15.40	PO	Tan Delta Measurment of CTs
Mahad - Pedambe	IntraState	04/10/2018	17.51	04/10/2018	18.13	T	Distance Protection, Y PH-E, 5.6KA, AR succ at Mahad, Pedambe CB tripped.
Loteparshuram- Dasturi Line	IntraState	04/10/2018	18.00	04/10/2018	19.05	T	Distance Protection both end CB tripped, lote end IND-R&B PH ,Zone-1, dist-24.27KM, IA-4.9KA, IB-2.5KA, IC-5.2KA.
Halkarni-Olam(Agro)	IntraState	04/10/2018	19.06	04/10/2018	23.21	T	Distance Protection Zone-2, R-PH, dist-22.6KM, IA-3.3KA, LA blast at OLAM end.
Chakan-Mahindra Vehicle	IntraState	04/10/2018	20.40	04/10/2018	23.21	EO	Outage to attend hot spot on tower LOC no-07-Y-PH jumper.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	04/10/2018	11.22	04/10/2018	17.19	PO	OLTC overhauling.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	04/10/2018	11.30	04/10/2018	17.00	EO	Outage-LV CB local/Remote switch work.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	04/10/2018	20.07	04/10/2018	20.58	T	Distance Protection, B PH, 17KM, 4.71KA.
Nanded - Jangamwadi II	IntraState	03/10/2018	11.20	03/10/2018	11.59	T	Distance Protection, Zone 1, R PH.
Nanded - Jangamwadi II	IntraState	03/10/2018	14.35	03/10/2018	17.36	T	Distance Protection, Zone 1, B PH.
Latur (Midc) - Latur (K)	IntraState	04/10/2018	13.36	04/10/2018	14.49	T	Distance Protection, Zone-1, R PH. 5.02KA. 2.1KM.
Kallam - Bhoom	IntraState	04/10/2018	15.04	04/10/2018	15.47	T	Distance Protection, R PH, 1.25KA. 30.9KM.

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