

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.547	232.661	1) Gujrat	4.021	8.918
2) Hydro	15.272	27.568	2) Madhya Pradesh	23.070	45.521
3) Gas	6.914	13.792	3) Chattisgarh	6.190	12.050
Total MSPGCL	137.733	274.021	4) Maharashtra Net	154.093	310.572
B) 1) APML	59.318	118.493	5) Goa (Amona)	-0.154	-0.704
2) JSWEL	28.255	56.755	Total	187.220	376.357
3) VIPL	10.051	20.062	a) Mumbai Schedule	31.508	58.943
4) RPL(AMT)	6.445	12.783	b) Mumbai Drawl	27.284	56.654
5) WPCL	5.366	10.773	c) MSEDCL Bilateral *	84.397	174.827
6) PGPL	0.000	0.000	Include PX	56.296	111.364
7) Other IPP	6.974	14.378	d) Mumbai Bilateral *	31.508	58.943
C) 1) TPCL Thermal	15.838	31.889	Include PX	5.566	12.367
2) TPCL Hydro	2.662	8.282	Include Standby	0.000	0.000
3) TPCL Gas	4.365	8.729	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.990	23.765	1) MSEDCL	423.948	848.888
D) STATE			2) Mumbai Discoms	62.139	129.318
1) Thermal	259.784	521.559	TOTAL STATE	486.087	978.206
(A1+C1+C4+(B1-B6))					
2) Hydro	17.934	35.850			
(A2+C2)					
3) Gas	11.279	22.521			
(A3+B6+C3)					
4) Wind	4.154	10.308			
6) SOLAR	5.716	11.612			
TOTAL STATE	298.867	601.850			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5052	4908	4620	4687
MSPGCL Hydro	1091	1018	1487	618
MSPGCL Gas	286	275	282	297
MSPGCL Total Generation	6429	6201	6389	5602
Central Sector Receipt	8922	8755	6783	6707
WIND	108	145	216	173
CPP / IPP Thermal	4850	4835	4849	4853
CPP / IPP Gas	0	0	0	0
SOLAR	783	752	0	0
Exchange with Mumbai	-1464	-1412	-1292	-1200
MSEDCL DEMAND MET	19628	19276	16945	16135
Load Shedding	0	0	0	0
MSEDCL DEMAND	19628	19276	16945	16135
TPCL GENERATION	915	966	1132	953
R-INFRA GENERATION	498	500	500	499
MUMBAI DEMAND	2877	2878	2924	2652
STATE DEMAND MET	22505	22154	19869	18787
STATE DEMAND	22505	22154	19869	18787
Frequency (Hz)	49.98	50.00	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22:01 Hrs	49.8 Hz at 00:23 Hrs	49.98	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 02/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	7.10	16.68	475	127
Unit 9	10.11	19.63	502	297
Unit 10	0.00	0.00	0	0
Total	17.21	36.30		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.92	15.60	405	305
Unit 5	0.00	0.00	0	0
Total	7.92	15.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.54	5.97	204	172
Unit 7	4.50	8.88	194	180
Unit 8	0.00	0.00	0	0
Total	9.04	14.85		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.34	8.50	185	161
Unit 5	8.21	17.66	360	330
Unit 6	8.15	17.51	360	310
Unit 7	8.26	17.74	365	322
Unit 8	10.24	19.30	450	360
Unit 9	10.29	19.75	448	410
Total	49.51	101.97		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.87	11.34	250	210
Total	5.87	11.34		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.54	4.35	148	80
Unit 3	3.44	6.96	160	131
Unit 4	3.36	7.16	160	130
Unit 5	9.05	18.92	435	335
Total	18.39	37.38		
Nasik				
Unit 3	3.79	7.57	160	152
Unit 4	3.82	7.65	162	157
Unit 5	0.00	0.00	0	0
Total	7.61	15.22		
Uran				
All Units	6.91	13.79	301	274
Total	6.91	13.79		
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)	0.66	1.50	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.66	1.50		
Koyna				
Stage 1-2	4.34	8.44	390	40
Stage 4	7.25	11.99	847	0
Stage 3	2.51	4.91	274	0
Total	14.10	25.33		
Hydro				
KDPH	0.24	0.24	18	0
VTRNA	0.13	0.13	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	0.42	80	0
RNGR+BHTSA	0.38	0.75	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	0.43	17	5
GHATGHAR	0.00	0.27	0	0
Total	1.17	2.24		
Wind				
Total	4.15	10.31	0	0
Total	4.15	10.31		
CPP				
APML(Mus)	59.32	118.49	0	0
JSWEL(Mus)	28.26	56.76	0	0
VIPL(Mus)	10.05	20.06	0	0
RPLAMT(Mus)	6.44	12.78	0	0
WPCL(Mus)	5.37	10.77	0	0
Other(Mus)	6.97	14.38	0	0
Total	116.41	233.24		
SOLAR				
Total	5.72	11.61	0	0
Total	5.72	11.61		
Tata				
Trombay 5	10.40	20.96	465	383
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	5.52	117	114
Trombay 7B	1.60	3.20	67	66
Trombay 8	5.44	10.93	238	215
TATA Hydro	2.66	8.28	279	0
Total	22.86	48.90		
R-INFRA				
DTPS U-1&2	11.99	23.76	502	498
Total	11.99	23.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.55	232.66	MSPGCL Total	137.73	274.02
			MSPGCL Thml+Gas	122.46	246.45	Koyna 1,2 & 4 Total	11.59	20.42
			MSPGCL Hydro	15.27	27.57	State Total	298.87	601.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4940	248	300	5488	203	4852	0	0	7410	7504	-1179	16868	0	16868	2609	19477	49.89
2	4854	87	290	5231	210	4863	0	0	7481	7538	-1040	16802	0	16802	2392	19194	49.92
3	4861	92	300	5253	170	4834	0	0	7379	7434	-911	16780	0	16780	2245	19025	49.95
4	4889	67	290	5246	179	4850	0	0	7286	7405	-804	16876	0	16876	2132	19008	49.99
5	4844	62	300	5206	207	4875	0	0	7466	7643	-775	17156	0	17156	2090	19246	49.95
6	4906	143	300	5349	271	4858	0	0	8212	8205	-781	17902	0	17902	2112	20014	49.94
7	4928	573	290	5791	317	4863	0	26	8312	8370	-753	18614	0	18614	2130	20744	49.97
8	4914	368	301	5583	234	4852	0	197	8227	8436	-797	18505	0	18505	2164	20669	50.00
9	4905	243	298	5446	149	4876	0	422	7893	8199	-939	18153	0	18153	2309	20462	50.04
10	4939	174	284	5397	131	4849	0	616	7890	8200	-1128	18065	0	18065	2530	20595	50.01
11	4989	508	280	5777	128	4867	0	754	8402	8298	-1358	18466	0	18466	2754	21220	50.01
12	5052	1091	286	6429	108	4850	0	783	8677	8922	-1464	19628	0	19628	2877	22505	49.98
13	4908	1018	275	6201	145	4835	0	752	8744	8755	-1412	19276	0	19276	2878	22154	50.00
14	4924	781	274	5979	135	4840	0	743	8737	8874	-1371	19200	0	19200	2828	22028	50.02
15	4815	950	275	6040	179	4850	0	633	8786	8844	-1433	19113	0	19113	2886	21999	49.99
16	4724	1235	276	6235	160	4808	0	499	8661	8750	-1359	19093	0	19093	2921	22014	49.99
17	4619	1134	279	6032	168	4830	0	232	8238	8110	-1326	18046	0	18046	2892	20938	49.99
18	4574	899	279	5752	153	4849	0	59	7526	7440	-1225	17028	0	17028	2825	19853	50.00
19	4582	1464	290	6336	176	4838	0	0	6802	6826	-1237	16939	0	16939	2852	19791	49.99
20	4620	1487	282	6389	216	4849	0	0	6713	6783	-1292	16945	0	16945	2924	19869	50.02
21	4703	594	294	5591	122	4848	0	0	6388	6445	-1189	15817	0	15817	2814	18631	50.01
22	4679	728	286	5693	142	4847	0	0	6329	6546	-1101	16127	0	16127	2687	18814	50.00
23	4687	618	297	5602	173	4853	0	0	6572	6707	-1200	16135	0	16135	2652	18787	49.98
24	4691	708	288	5687	78	4876	0	0	6873	6987	-1210	16418	0	16418	2636	19054	49.98
MUs	115.55	15.27	6.91	137.73	4.15	116.41	0.00	5.72	185.00	187.22	-27.28	423.95	0.00	423.95	62.14	486.09	49.98

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 02/Oct/2018

Position as on 6.30 Hrs of 03/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 02/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 03/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 I	InterState	01/10/2018	18.11	02/10/2018	09.04	HT	Over Voltage
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		Continued.	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 - 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)
Khadka-Aurangabad (Waluj)	IntraState	01/10/2018	17.53	02/10/2018	06.10	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/10/2018	14.45	02/10/2018	19.38	T	Distance Protection Zone 1, R phase E/F
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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/10/2018	23.21		Continued.	T	Distance Protection, Z2, B PH E/F. 2.46KA. 197.9Km.
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
Vankuswade - Kdph	IntraState	02/10/2018	09.10	02/10/2018	21.30	PO	CB Overhauling and RM
Kadegaon-Miraj	IntraState	02/10/2018	09.10	02/10/2018	16.10	PO	Cold Line Washing of Insulator strings
Mumewadi -Halkarni II	IntraState	02/10/2018	09.23	02/10/2018	13.44	T	Distance Protection, R Phase, Suspension Clamp Broken at Loc.No.191 near Mumewadi
Kalyani - Baramati Agro	IntraState	02/10/2018	10.05	02/10/2018	21.15	PO	Jumper Tightening for 27 Cut Points
Nigade- Peth Line	IntraState	02/10/2018	10.09	02/10/2018	11.43	PO	Testing Work
Jambhul - Anandnagar	IntraState	02/10/2018	10.15	02/10/2018	13.25	EO	R Phase Isolator Conductor Replacement
Loteparshuram- Dasturi Line	IntraState	02/10/2018	10.56	02/10/2018	14.30	EO	To attend Hot Spot
Peth- Mudshingi -I	IntraState	02/10/2018	12.14	02/10/2018	12.46	PO	Testing Work
Koradi - Kawlewada II	IntraState	02/10/2018	12.25	02/10/2018	14.08	PO	Removal of Nylon Rope
Dhule - Malegaon	IntraState	02/10/2018	15.20	02/10/2018	17.54	T	Tripped at Malegaon end, B Phase E/F. AR Lock Out
Chinchwad-Hinjewadi I	IntraState	02/10/2018	15.58	02/10/2018	19.19	HT	Outage on 220 KV Jejuri-Kondhwa line
Loteparshuram- Dasturi Line	IntraState	02/10/2018	17.10	02/10/2018	18.35	T	R,B Phase to Phase 6.46KA, 24.4KM from Lote
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		Continued.	PO	Orientation Work Of 220Kv Theur-Lonikand 2 & 220Kv Theur-

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 02/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 03/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							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 PH.
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/09/2018	09.29	02/10/2018	23.32	PO	Control & Relay Panel Replacement Work.
220/22kv 100MVA T/F-II @ Nalasopara	IntraState	02/10/2018	16.05	02/10/2018	16.45	T	Differential protection
100 MVA ICT I at Kandalgaon	IntraState	02/10/2018	22.00	02/10/2018	22.15	HT	safety purpose for Isolating ICT-II LV Isolator
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	02/10/2018	22.00	02/10/2018	23.15	HT	Sparking on LV Isolator
132 KV LINE Outages/Trippings							
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.

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