

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.114	117.114	1) Gujrat	4.897	4.897
2) Hydro	12.296	12.296	2) Madhya Pradesh	22.451	22.451
3) Gas	6.878	6.878	3) Chattisgarh	5.860	5.860
Total MSPGCL	136.288	136.288	4) Maharashtra Net	156.479	156.479
B) 1) APML	59.175	59.175	5) Goa (Amona)	-0.550	-0.550
2) JSWEL	28.500	28.500	Total	189.137	189.137
3) VIPL	10.011	10.011	a) Mumbai Schedule	27.435	27.435
4) RPL(AMT)	6.338	6.338	b) Mumbai Drawl	29.370	29.370
5) WPCL	5.407	5.407	c) MSEDCL Bilateral *	90.431	90.431
6) PGPL	0.000	0.000	Include PX	55.068	55.068
7) Other IPP	7.404	7.404	d) Mumbai Bilateral *	27.435	27.435
C) 1) TPCL Thermal	16.051	16.051	Include PX	6.801	6.801
2) TPCL Hydro	5.620	5.620	Include Standby	0.000	0.000
3) TPCL Gas	4.364	4.364	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.775	11.775	1) MSEDCL	424.940	424.940
D) STATE			2) Mumbai Discoms	67.179	67.179
1) Thermal	261.775	261.775	TOTAL STATE	492.119	492.119
(A1+C1+C4+(B1-B6))					
2) Hydro	17.916	17.916			
(A2+C2)					
3) Gas	11.242	11.242			
(A3+B6+C3)					
4) Wind	6.154	6.154			
6) SOLAR	5.896	5.896			
TOTAL STATE	302.983	302.983			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4796	4810	4997	4743
MSPGCL Hydro	523	936	1117	234
MSPGCL Gas	273	272	284	288
MSPGCL Total Generation	5592	6018	6398	5265
Central Sector Receipt	9162	8970	7087	7153
WIND	281	272	154	179
CPP / IPP Thermal	4917	4904	4958	4749
CPP / IPP Gas	0	0	0	0
SOLAR	787	808	7	0
Exchange with Mumbai	-1513	-1483	-1324	-816
MSEDCL DEMAND MET	19226	19489	17280	16530
Load Shedding	0	0	0	0
MSEDCL DEMAND	19226	19489	17280	16530
TPCL GENERATION	1325	1325	1319	837
R-INFRA GENERATION	499	497	501	500
MUMBAI DEMAND	3337	3305	3144	2153
STATE DEMAND MET	22563	22794	20424	18683
STATE DEMAND	22563	22794	20424	18683
Frequency (Hz)	49.91	49.93	49.93	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.02 Hrs	49.76 Hz at 15.41 Hrs	49.96	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 01/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	9.58	9.58	486	330
Unit 9	9.51	9.51	484	311
Unit 10	0.00	0.00	0	0
Total	19.10	19.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.68	7.68	365	300
Unit 5	0.00	0.00	0	0
Total	7.68	7.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	1.43	1.43	187	0
Unit 7	4.38	4.38	194	151
Unit 8	0.00	0.00	0	0
Total	5.81	5.81		
Chandrapur				
Unit 3	1.50	1.50	179	0
Unit 4	4.16	4.16	182	160
Unit 5	9.45	9.45	401	385
Unit 6	9.35	9.35	400	370
Unit 7	9.48	9.48	410	380
Unit 8	9.06	9.06	426	290
Unit 9	9.46	9.46	432	343
Total	52.46	52.46		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.47	5.47	250	205
Total	5.47	5.47		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	1.81	1.81	105	40
Unit 3	3.52	3.52	170	128
Unit 4	3.80	3.80	167	145
Unit 5	9.87	9.87	470	380
Total	18.99	18.99		
Nasik				
Unit 3	3.78	3.78	161	153
Unit 4	3.82	3.82	163	153
Unit 5	0.00	0.00	0	0
Total	7.61	7.61		
Uran				
All Units	6.88	6.88	301	259
Total	6.88	6.88		
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)	0.84	0.84	36	27

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.84	0.84		
Koyna				
Stage 1-2	4.09	4.09	450	40
Stage 4	4.74	4.74	679	0
Stage 3	2.40	2.40	240	0
Total	11.23	11.23		
Hydro				
KDPH	0.00	0.00	0	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.	0.19	0.19	60	0
RNGR+BHTSA	0.38	0.38	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	0.24	19	7
GHATGHAR	0.27	0.27	90	0
Total	1.07	1.07		
Wind				
Total	6.15	6.15	0	0
Total	6.15	6.15		
CPP				
APML(Mus)	59.18	59.18	0	0
JSWEL(Mus)	28.50	28.50	0	0
VIPL(Mus)	10.01	10.01	0	0
RPLAMT(Mus)	6.34	6.34	0	0
WPCL(Mus)	5.41	5.41	0	0
Other(Mus)	7.40	7.40	0	0
Total	116.84	116.84		
SOLAR				
Total	5.90	5.90	0	0
Total	5.90	5.90		
Tata				
Trombay 5	10.56	10.56	471	325
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	2.76	116	114
Trombay 7B	1.60	1.60	68	66
Trombay 8	5.49	5.49	234	216
TATA Hydro	5.62	5.62	459	0
Total	26.04	26.04		
R-INFRA				
DTPS U-1&2	11.78	11.78	502	379
Total	11.78	11.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.11	117.11	MSPGCL Total	136.29	136.29
			MSPGCL Thml+Gas	123.99	123.99	Koyna 1,2 & 4 Total	8.83	8.83
			MSPGCL Hydro	12.30	12.30	State Total	302.98	302.98

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Oct/2018

Annexure-2

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	4736	443	297	5476	163	4913	0	0	7261	7511	-1189	16874	0	16874	2535	19409	49.97
2	4790	234	298	5322	174	4913	0	0	7385	7134	-958	16585	0	16585	2310	18895	49.98
3	4743	234	288	5265	179	4749	0	0	7259	7153	-816	16530	0	16530	2153	18683	49.95
4	4678	210	299	5187	227	4746	0	0	7109	7340	-738	16762	0	16762	2055	18817	50.01
5	4674	133	287	5094	241	4741	0	0	7405	7647	-641	17082	0	17082	2004	19086	49.95
6	4728	125	297	5150	260	4740	0	1	8251	8220	-700	17671	0	17671	2083	19754	49.89
7	4789	758	301	5848	299	4736	0	25	8437	8643	-799	18752	0	18752	2185	20937	49.97
8	4874	277	289	5440	273	4857	0	176	8505	8607	-932	18421	0	18421	2340	20761	50.05
9	4993	69	297	5359	280	4750	0	420	8422	8115	-1291	17633	0	17633	2631	20264	50.02
10	4927	85	282	5294	351	4775	0	652	8357	8558	-1721	17909	0	17909	2974	20883	49.98
11	4807	242	289	5338	365	4884	0	761	8669	8629	-1584	18393	0	18393	3241	21634	49.97
12	4796	523	273	5592	281	4917	0	787	8928	9162	-1513	19226	0	19226	3337	22563	49.91
13	4810	936	272	6018	272	4904	0	808	8875	8970	-1483	19489	0	19489	3305	22794	49.93
14	4852	774	269	5895	227	4905	0	724	8825	9096	-1436	19411	0	19411	3256	22667	49.97
15	4787	868	270	5925	240	4939	0	656	8825	8638	-1540	18858	0	18858	3362	22220	49.92
16	4797	1155	259	6211	201	4941	0	472	8618	8936	-1607	19155	0	19155	3405	22560	49.87
17	4932	994	281	6207	244	4923	0	301	8305	8540	-1511	18704	0	18704	3345	22049	49.93
18	4961	689	275	5925	187	4922	0	106	7798	7465	-1396	17209	0	17209	3221	20430	49.94
19	4997	1117	284	6398	154	4958	0	7	7108	7087	-1324	17280	0	17280	3144	20424	49.93
20	5050	890	297	6237	173	4936	0	0	7099	6885	-1285	16946	0	16946	3063	20009	49.97
21	5092	246	289	5627	320	4924	0	0	6656	6876	-1227	16520	0	16520	2919	19439	49.97
22	5143	227	296	5666	346	4923	0	0	6406	6646	-1166	16415	0	16415	2786	19201	49.98
23	5072	435	290	5797	380	4914	0	0	6481	6578	-1236	16433	0	16433	2753	19186	49.93
24	5086	632	299	6017	317	4922	0	0	6465	6700	-1277	16679	0	16679	2773	19452	49.94
MUs	117.1 1	12.30	6.88	136.29	6.15	116.83	0.00	5.90	187.45	189.14	-29.37	424.94	0.00	424.94	67.18	492.12	49.96

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 01/Oct/2018

Position as on 6.30 Hrs of 02/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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	Parli Unit 6	250	12/09/2018	06.57	01/10/2018	11.40	Poor Coal receipt	
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.	
IPP	Dhariwal	300	01/10/2018	4.33	01/10/2018	6.35	Flame Failure	
MSPGCL	Ghatghar Unit-1	125	02/10/2018	00.55		Continued.	RBBDT Valve leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 02/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	30/09/2018	18.11	01/10/2018	08.57	HT	Over Voltage
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		Continued.	HT	Over Voltage
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	30/09/2018	19.10	01/10/2018	06.54	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	01/10/2018	16.29	01/10/2018	19.39	T	Distance Protection
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	01/10/2018	15.06	01/10/2018	19.30	PO	Hot Spot on CT LV Side
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	16.34	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	17.00	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	16.21	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220KV 500MVA ICT-I @Nanded	IntraState	01/10/2018	18.29	01/10/2018	20.00	PO	Replacement of 33kv Bushing of R PH
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
Padgha-Temghar-II	IntraState	28/09/2018	19.48	01/10/2018	04.37	HT	220KV A Bus outage at Padgha
Mahad - Pedambe	IntraState	01/10/2018	09.05	01/10/2018	17.18	PO	Maintenance Work
Baramati - Kurkumbh	IntraState	01/10/2018	10.10	01/10/2018	19.50	PO	jumper Tightning for 18 circuits
Talandge-Mudshingi Ckt-I	IntraState	01/10/2018	12.17	01/10/2018	19.21	PO	Relay Testing Work
Sawantwadi-Bidri	IntraState	01/10/2018	12.25	01/10/2018	13.10	T	Distance Protection
Talandge(400kv)- Ichalkaranji 1	IntraState	01/10/2018	15.55	01/10/2018	16.40	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Talandge(400kv)- Ichalkaranji 2	IntraState	01/10/2018	15.55	01/10/2018	16.50	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Talandge(400)- Mudshingi 2 Line	IntraState	01/10/2018	15.55	01/10/2018	16.45	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Kolhapur-Bidri	IntraState	01/10/2018	15.55	01/10/2018	16.30	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Topworth - Kharghar	IntraState	01/10/2018	18.04	01/10/2018	22.11	T	Over Voltage
Eklahare (Gcr) - Ghatghar	IntraState	01/10/2018	18.30	01/10/2018	18.55	T	Distance Protection
Ghatghar - Jindal	IntraState	01/10/2018	18.30	01/10/2018	19.19	T	Distance Protection

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 01/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
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.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	01/10/2018	10.00	01/10/2018	19.00	PO	Fire Fighting system overhauling work
220/33kv 50mva T/F 2 Bbl Ptr 2 @Talandage 5 Star Midc,Kagal)	IntraState	01/10/2018	10.10	01/10/2018	17.00	PO	Replacement of faulty Insulator maintance 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

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