

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.501	1835.965	1) Gujrat	1.431	42.480
2) Hydro	5.824	194.147	2) Madhya Pradesh	20.485	327.612
3) Gas	6.948	99.126	3) Chattisgarh	8.720	103.190
Total MSPGCL	143.273	2129.238	4) Maharashtra Net	172.901	2369.541
B) 1) APML	73.340	970.126	5) Goa (Amona)	-0.308	-3.630
2) JSWEL	20.956	417.135	Total	203.229	2839.193
3) VIPL	8.647	135.388	a) Mumbai Schedule	31.872	431.765
4) RPL(AMT)	6.501	96.854	b) Mumbai Drawl	33.711	462.995
5) WPCL	3.951	74.131	c) MSEDCL Bilateral *	79.135	1244.062
6) PGPL	0.000	0.000	Include PX	50.832	752.350
7) Other IPP	7.675	111.126	d) Mumbai Bilateral *	31.872	431.125
C) 1) TPCL Thermal	15.964	237.437	Include PX	14.674	155.799
2) TPCL Hydro	4.147	73.866	Include Standby	0.000	0.640
3) TPCL Gas	4.341	65.322	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.426	177.534	1) MSEDCL	445.633	6518.347
D) STATE			2) Mumbai Discoms	69.589	1017.156
1) Thermal	278.961	4055.696	TOTAL STATE	515.222	7535.503
(A1+C1+C4+(B1-B6))					
2) Hydro	9.971	268.013			
(A2+C2)					
3) Gas	11.289	164.448			
(A3+B6+C3)					
4) Wind	6.158	122.434			
6) SOLAR	5.614	85.717			
TOTAL STATE	311.993	4696.308			

* 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 1 Hrs
MSPGCL Thermal	5487	5487	5604	5229
MSPGCL Hydro	576	416	324	103
MSPGCL Gas	278	273	287	291
MSPGCL Total Generation	6341	6176	6215	5623
Central Sector Receipt	9549	10193	8195	7406
WIND	219	131	275	346
CPP / IPP Thermal	5135	5097	5099	5127
CPP / IPP Gas	0	0	0	0
SOLAR	764	603	0	0
Exchange with Mumbai	-1600	-1752	-1543	-1618
MSEDCL DEMAND MET	20408	20448	18241	16884
Load Shedding	836	665	23	0
MSEDCL DEMAND	21244	21113	18264	16884
TPCL GENERATION	1308	1155	1184	694
R-INFRA GENERATION	498	498	499	375
MUMBAI DEMAND	3406	3405	3226	2687
STATE DEMAND MET	23814	23853	21467	19571
STATE DEMAND	24650	24518	21490	19571
Frequency (Hz)	49.97	49.89	50.04	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 12.02 Hrs	49.73 Hz at 06.38 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 15/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.30	0.32	69	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	65.95	0	0
Unit 9	10.24	155.36	510	325
Unit 10	7.62	55.52	403	270
Total	18.16	277.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.23	130.98	360	325
Unit 5	8.28	62.73	365	325
Total	16.51	193.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.61	64.38	197	187
Unit 7	4.53	64.90	201	170
Unit 8	0.00	0.00	0	0
Total	9.14	129.28		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.33	62.56	187	174
Unit 5	8.42	129.59	360	340
Unit 6	8.42	131.88	385	340
Unit 7	8.51	133.33	388	343
Unit 8	10.57	144.85	450	410
Unit 9	10.37	143.47	452	415
Total	50.61	747.20		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.60	85.77	255	215
Total	5.60	85.77		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.15	34.54	175	100
Unit 3	4.10	48.07	177	162
Unit 4	4.05	53.89	179	160
Unit 5	11.60	153.69	500	447
Total	22.90	290.20		
Nasik				
Unit 3	3.77	55.70	160	155
Unit 4	3.81	56.96	164	153
Unit 5	0.00	0.00	0	0
Total	7.58	112.66		
Uran				
All Units	6.95	99.13	304	273
Total	6.95	99.13		
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)	0.75	10.61	38	26

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.75	10.61		
Koyna				
Stage 1-2	2.61	55.86	410	40
Stage 4	0.56	82.58	200	0
Stage 3	0.62	30.48	124	0
Total	3.78	168.92		
Hydro				
KDPH	0.59	4.46	37	18
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	4.05	80	0
RNGR+BHTSA	0.40	5.77	17	16
BHANDARDRA	0.34	3.26	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	3.50	19	7
GHATGHAR	0.29	1.93	120	0
Total	2.04	25.22		
Wind				
Total	6.16	122.43	0	0
Total	6.16	122.43		
CPP				
APML(Mus)	73.34	970.13	0	0
JSWEL(Mus)	20.96	417.14	0	0
VIPL(Mus)	8.65	135.39	0	0
RPLAMT(Mus)	6.50	96.85	0	0
WPCL(Mus)	3.95	74.13	0	0
Other(Mus)	7.68	111.13	0	0
Total	121.07	1804.76		
SOLAR				
Total	5.61	85.72	0	0
Total	5.61	85.72		
Tata				
Trombay 5	10.68	154.39	485	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	41.40	116	110
Trombay 7B	1.60	23.92	67	66
Trombay 8	5.28	83.05	235	198
TATA Hydro	4.15	73.87	431	4
Total	24.45	376.62		
R-INFRA				
DTPS U-1&2	11.43	177.53	502	374
Total	11.43	177.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.50	1835.96	MSPGCL Total	143.27	2129.24
			MSPGCL Thml+Gas	137.45	1935.09	Koyna 1,2 & 4 Total	3.17	138.44
			MSPGCL Hydro	5.82	194.15	State Total	311.99	4696.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5229	103	291	5623	346	5127	0	0	7336	7406	-1618	16884	0	16884	2687	19571	49.98
2	5222	103	299	5624	343	5106	0	0	7650	7542	-1395	17220	0	17220	2466	19686	49.98
3	5234	103	287	5624	360	5136	0	0	7743	7756	-1227	17649	0	17649	2297	19946	49.97
4	5257	102	289	5648	331	5111	0	0	7791	7637	-1111	17616	0	17616	2180	19796	50.01
5	5251	102	298	5651	223	5171	0	0	7847	8010	-961	18094	0	18094	2140	20234	49.97
6	5298	149	289	5736	235	5128	0	6	8703	8681	-837	18949	116	19065	2200	21265	49.93
7	5279	475	304	6058	286	5141	0	25	9026	8990	-837	19663	359	20022	2262	22284	49.86
8	5347	436	297	6080	285	5161	0	178	8786	8126	-1003	18827	1218	20045	2377	22422	49.97
9	5387	117	303	5807	274	5175	0	420	8748	8478	-1279	18875	601	19476	2674	22150	49.97
10	5344	119	298	5761	367	5189	0	593	8796	8929	-1488	19351	332	19683	3034	22717	49.93
11	5391	370	283	6044	251	5149	0	727	9261	9468	-1495	20144	530	20674	3305	23979	49.90
12	5487	576	278	6341	219	5135	0	764	9550	9549	-1600	20408	836	21244	3406	24650	49.97
13	5444	233	277	5954	167	5125	0	781	9716	9582	-1617	19992	1017	21009	3388	24397	49.98
14	5422	112	274	5808	141	5100	0	754	9809	9578	-1735	19646	1004	20650	3298	23948	49.94
15	5487	416	273	6176	131	5097	0	603	9989	10193	-1752	20448	665	21113	3405	24518	49.89
16	5471	718	278	6467	161	5129	0	455	9582	9625	-1728	20109	438	20547	3477	24024	49.95
17	5573	427	279	6279	98	5138	0	241	9074	8971	-1598	19129	407	19536	3417	22953	49.93
18	5606	126	281	6013	141	5130	0	65	8113	7988	-1513	17824	469	18293	3287	21580	49.92
19	5617	174	294	6085	258	5157	0	2	7816	7959	-1549	17912	149	18061	3277	21338	49.96
20	5604	324	287	6215	275	5099	0	0	7683	8195	-1543	18241	23	18264	3226	21490	50.04
21	5633	147	298	6078	191	4712	0	0	7459	7896	-1517	17360	21	17381	3071	20452	50.03
22	5626	149	289	6064	286	4548	0	0	7460	7609	-1426	17081	15	17096	2931	20027	50.03
23	5635	114	300	6049	330	4555	0	0	7396	7400	-1430	16904	14	16918	2888	19806	50.00
24	5657	129	302	6088	459	4551	0	0	7589	7660	-1452	17306	14	17320	2896	20216	49.97
MUs	130.50	5.82	6.95	143.27	6.16	121.07	0.00	5.61	202.92	203.23	-33.71	445.63	8.23	453.86	69.59	523.45	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 15/Oct/2018

Position as on 6.30 Hrs of 16/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
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	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	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	Koradi Unit-8	660	09/10/2018	10.18		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	13/10/2018	23.58	15/10/2018	03.05	Generator protection	
IPP	JSW (J) U3	300	14/10/2018	17.11	16/10/2018	13.21	CW DUCT LEAKGE.	
MSPGCL	Koradi Unit 6	210	15/10/2018	05.11	15/10/2018	06.28	Flame Failure	
MSPGCL	Koradi Unit 6	210	15/10/2018	11.32	15/10/2018	17.53	Drum level High	
MSPGCL	Koradi Unit 6	210	15/10/2018	18.48	15/10/2018	23.25	Auxiliary Transformer differential protection operated	
IPP	Adani U-3	660	15/10/2018	20.29		Continued.	Air Pre-heater 3B Support Bearing	
MSPGCL	Koradi Unit 6	210	15/10/2018	23.40	16/10/2018	03.26	Drum level low	
MSPGCL	Koradi Unit 6	210	16/10/2018	10.12	16/10/2018	15.06	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 16/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	14/10/2018	17.46	15/10/2018	06.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/10/2018	17.34	16/10/2018	09.48	HT	Over Voltage
Chandrapur Bhadravati II	InterState	16/10/2018	10.50	16/10/2018	19.14	T	AMP work at chandrapur end.
Dhule Sar'Sarovar II	InterState	16/10/2018	17.11		Continued.	HT	Over Voltage
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Kalwa - Talegaon(PG)	IntraState	14/10/2018	18.58	15/10/2018	01.33	EO	HT at Talegaon S/S Due To Melting of R-Phase Isolator.
Khadka-Aurangabad (Waluj)	IntraState	14/10/2018	19.19	15/10/2018	06.24	HT	Over Voltage
Nagothane - Dabhol I	IntraState	15/10/2018	11.10	15/10/2018	14.01	PO	Shifting on TBC at Nagothane end
Khadka-Aurangabad (Waluj)	IntraState	15/10/2018	17.58	16/10/2018	07.24	HT	Over Voltage
Main Bus II @Khaparkheda S/st	IntraState	16/10/2018	23.27		Continued.	T	Bus Bar Protection Operated Of Bus 2.
Koradi-Khaparkheda I	IntraState	16/10/2018	23.27		Continued.	T	R-Phase CT Burst Of Main Bay 411. On LBB.
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	16/10/2018	09.22	16/10/2018	16.27	PO	Bay maintenance and diagnostic testing work.
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	16/10/2018	23.27		Continued.	T	Bus Bar Protection Operated Of Bus 2.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	16/10/2018	23.27		Continued.	T	Bus Bar Protection Operated Of Bus 2.
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	16/10/2018	23.27		Continued.	T	Bus Bar Protection Operated of bus 2.
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.
Trombay - Kalwa	IntraState	15/10/2018	05.05	15/10/2018	09.32	PO	Conductor Replacement work.
Trombay - Mulund	IntraState	15/10/2018	05.07	15/10/2018	09.35	PO	Conductor Replacement work.
Ghatghar - Bapgaon	IntraState	15/10/2018	08.44	15/10/2018	15.33	T	B-PH Earth fault
Bapgaon - Kalwa	IntraState	15/10/2018	09.57	15/10/2018	10.16	T	B-PH Earth fault
Hamidwada-Mumewadi	IntraState	15/10/2018	10.10	15/10/2018	17.10	PO	Quarterly Maintainance Work
Mudshingi-Wathar	IntraState	15/10/2018	10.31	15/10/2018	16.11	PO	Bus Section-2 outage
Eklahare (Gcr) - Airoli Know Park	IntraState	15/10/2018	23.09	16/10/2018	07.53	PO	Insulator Replacement Work
Ghatghar - Bapgaon	IntraState	15/10/2018	23.18	16/10/2018	07.58	PO	Insulator Replacement Work
512 Khadki- Century Enka	IntraState	15/10/2018	23.40	16/10/2018	00.17	T	LBB Protection Operated
Vsnl-512 Khadki	IntraState	15/10/2018	23.40	16/10/2018	00.55	T	LBB Protection Operated
Trombay - Kalwa	IntraState	16/10/2018	04.51	16/10/2018	08.35	PO	safety purpose for Trombay-sonkar line
Trombay - Mulund	IntraState	16/10/2018	04.52	16/10/2018	08.31	PO	safety purpose for Trombay-sonkar line

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 15/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded - Parli Ext. Ckt I	IntraState	16/10/2018	05.05	16/10/2018	07.28	HT	Control overloading of D/C Nanded Kumbhargaoon Line
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Vita - Ghatnandre	IntraState	16/10/2018	09.38	16/10/2018	11.23	EO	CT oil leakage.
Osmanabad - Solapur (Bale)	IntraState	16/10/2018	10.34	16/10/2018	12.23	PO	Quarterly Maintainance Work
Mudshingi-Belewadi	IntraState	16/10/2018	10.37	16/10/2018	13.50	PO	Quarterly Maintainance Work
Satara (MIDC)-Ajinkyatara	IntraState	16/10/2018	10.40	16/10/2018	15.55	PO	Quarterly Maintenance Work
Osmanabad - Barshi	IntraState	16/10/2018	12.50	16/10/2018	20.42	PO	Commissioning work of 220kv CC of R and Y PH. at Barshi end.
Vita Alkud	IntraState	16/10/2018	14.05	16/10/2018	14.28	PO	LA connection tightening work.
Urse-Chinchwad	IntraState	16/10/2018	14.11	16/10/2018	14.31	T	Distance Protection YB PH chinch/20.6KM/5.5KA zone 2 URSE-
Pedambe-Pophali	IntraState	16/10/2018	14.28	16/10/2018	15.10	T	Distance Protection /zone 1 12.02KA 3.4KM/3.2KA zone 1.
Oni Kharepatan Line	IntraState	16/10/2018	17.41		Continued.	T	Distance Protection, Decapping At LOC No.302.
Kharepatan -Pawas Line	IntraState	16/10/2018	17.41	16/10/2018	18.35	T	Distance Protection/ zone 1 RPH/E.
ALEPHATA UTECH SUGAR	IntraState	16/10/2018	23.03	16/10/2018	23.37	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	15/10/2018	11.30		Continued.	PO	Replacement Of Control/ Relay panel Work.
220/22 Kv 50 Mva Ptr No 1 @Khadki	IntraState	15/10/2018	23.40	16/10/2018	00.18	T	LBB Protection Operated
220/22 Kv 50 Mva Bbl Ptr No2 @Khadki	IntraState	15/10/2018	23.40	16/10/2018	00.20	T	LBB Protection Operated

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