

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.014	2097.831	1) Gujrat	1.964	46.175
2) Hydro	6.096	210.063	2) Madhya Pradesh	20.092	368.586
3) Gas	7.092	113.246	3) Chattisgarh	8.570	120.140
Total MSPGCL	143.202	2421.140	4) Maharashtra Net	180.015	2722.710
B) 1) APML	61.896	1093.447	5) Goa (Amona)	-0.374	-4.356
2) JSWEL	28.411	469.868	Total	210.267	3253.255
3) VIPL	4.521	148.555	a) Mumbai Schedule	31.901	494.767
4) RPL(AMT)	6.520	109.883	b) Mumbai Drawl	33.013	528.472
5) WPCL	4.857	83.973	c) MSEDCL Bilateral *	88.025	1413.623
6) PGPL	0.000	0.000	Include PX	51.424	854.778
7) Other IPP	7.402	125.719	d) Mumbai Bilateral *	31.384	493.610
C) 1) TPCL Thermal	16.732	270.994	Include PX	15.366	182.480
2) TPCL Hydro	4.079	82.162	Include Standby	0.518	1.158
3) TPCL Gas	4.355	74.035	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.828	201.357	1) MSEDCL	441.668	7406.408
D) STATE			2) Mumbai Discoms	70.007	1157.022
1) Thermal	272.181	4601.627	TOTAL STATE	511.675	8563.430
(A1+C1+C4+(B1-B6))					
2) Hydro	10.175	292.225			
(A2+C2)					
3) Gas	11.447	187.281			
(A3+B6+C3)					
4) Wind	3.195	133.672			
6) SOLAR	4.410	95.368			
TOTAL STATE	301.408	5310.173			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5199	5380	5588	5521
MSPGCL Hydro	829	251	201	131
MSPGCL Gas	281	282	300	303
MSPGCL Total Generation	6309	5913	6089	5955
Central Sector Receipt	10204	10382	8099	7040
WIND	109	152	101	61
CPP / IPP Thermal	4751	4758	4822	4687
CPP / IPP Gas	0	0	0	0
SOLAR	630	509	0	0
Exchange with Mumbai	-1614	-1785	-1593	-1287
MSEDCL DEMAND MET	20389	19929	17518	16456
Load Shedding	834	838	272	6
MSEDCL DEMAND	21223	20767	17790	16462
TPCL GENERATION	1350	1189	1234	905
R-INFRA GENERATION	500	499	499	464
MUMBAI DEMAND	3464	3473	3326	2656
STATE DEMAND MET	23853	23402	20844	19112
STATE DEMAND	24687	24240	21116	19118
Frequency (Hz)	50.01	49.97	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.02 Hrs	49.85 Hz at 17.41 Hrs	49.99	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 17/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.16	2.60	87	20
Unit 7	0.00	0.00	0	0
Unit 8	0.00	65.95	0	0
Unit 9	10.51	176.21	510	367
Unit 10	8.21	72.82	450	195
Total	19.88	317.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.00	146.98	355	325
Unit 5	8.07	78.81	365	325
Total	16.07	225.79		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.21	72.80	188	170
Unit 7	4.03	73.17	184	148
Unit 8	0.00	0.00	0	0
Total	8.24	145.96		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.95	70.70	187	85
Unit 5	8.38	146.37	354	345
Unit 6	8.40	148.72	355	340
Unit 7	8.55	150.32	366	345
Unit 8	10.64	166.10	450	440
Unit 9	10.68	164.73	453	436
Total	50.60	848.44		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.86	97.64	251	230
Total	5.86	97.64		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.68	41.69	180	120
Unit 3	3.87	56.06	177	141
Unit 4	3.78	61.60	180	140
Unit 5	10.61	175.41	480	390
Total	21.94	334.77		
Nasik				
Unit 3	3.68	63.14	158	150
Unit 4	3.73	64.51	164	140
Unit 5	0.00	0.00	0	0
Total	7.42	127.65		
Uran				
All Units	7.09	113.25	305	281
Total	7.09	113.25		
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)	0.72	12.10	33	21

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.72	12.10		
Koyna				
Stage 1-2	2.32	61.95	420	40
Stage 4	1.10	85.66	437	0
Stage 3	0.34	32.36	124	0
Total	3.75	179.96		
Hydro				
KDPH	0.89	6.24	37	37
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.	0.23	4.44	77	0
RNGR+BHTSA	0.38	6.47	16	15
BHANDARDRA	0.34	3.94	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	4.21	25	13
GHATGHAR	0.13	2.56	110	0
Total	2.34	30.10		
Wind				
Total	3.20	133.67	0	0
Total	3.20	133.67		
CPP				
APML(Mus)	61.90	1093.45	0	0
JSWEL(Mus)	28.41	469.87	0	0
VIPL(Mus)	4.52	148.56	0	0
RPLAMT(Mus)	6.52	109.88	0	0
WPCL(Mus)	4.86	83.97	0	0
Other(Mus)	7.40	125.72	0	0
Total	113.61	2031.44		
SOLAR				
Total	4.41	95.37	0	0
Total	4.41	95.37		
Tata				
Trombay 5	11.33	177.14	484	397
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	46.92	116	114
Trombay 7B	1.60	27.11	67	66
Trombay 8	5.40	93.86	238	211
TATA Hydro	4.08	82.16	450	8
Total	25.17	427.19		
R-INFRA				
DTPS U-1&2	11.83	201.36	502	373
Total	11.83	201.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.01	2097.83	MSPGCL Total	143.20	2421.14
			MSPGCL Thml+Gas	137.11	2211.08	Koyna 1,2 & 4 Total	3.41	147.60
			MSPGCL Hydro	6.10	210.06	State Total	301.41	5310.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5457	165	291	5913	192	4822	0	0	7522	7778	-1425	17280	277	17557	2806	20363	49.98
2	5435	200	303	5938	168	4736	0	0	7775	7984	-1207	17619	279	17898	2578	20476	49.96
3	5419	190	303	5912	197	4733	0	0	8119	8224	-1021	18045	279	18324	2397	20721	49.97
4	5377	214	304	5895	197	4742	0	0	8134	8262	-896	18200	279	18479	2271	20750	49.97
5	5375	671	305	6351	129	4746	0	0	8108	8478	-850	18854	279	19133	2222	21355	50.01
6	5389	365	303	6057	123	4736	0	0	8826	8645	-898	18663	811	19474	2260	21734	49.96
7	5361	133	294	5788	131	4689	0	8	9334	9195	-966	18845	1220	20065	2337	22402	50.01
8	5379	136	303	5818	188	4652	0	92	9074	8790	-1076	18464	1234	19698	2446	22144	50.00
9	5312	126	300	5738	255	4667	0	279	9133	9368	-1319	18988	845	19833	2738	22571	49.97
10	5340	132	297	5769	152	4693	0	474	9386	9931	-1503	19516	651	20167	3087	23254	49.96
11	5242	717	285	6244	124	4743	0	580	9857	10147	-1571	20267	636	20903	3354	24257	50.01
12	5199	829	281	6309	109	4751	0	630	9985	10204	-1614	20389	834	21223	3464	24687	50.01
13	5244	331	292	5867	138	4711	0	627	10076	9940	-1654	19629	1110	20739	3448	24187	49.99
14	5279	143	282	5704	151	4732	0	669	10118	10152	-1721	19687	1148	20835	3383	24218	50.04
15	5380	251	282	5913	152	4758	0	509	10196	10382	-1785	19929	838	20767	3473	24240	49.97
16	5518	186	292	5996	162	4741	0	328	10204	10029	-1749	19507	616	20123	3516	23639	49.95
17	5537	121	285	5943	123	4790	0	179	9416	9110	-1693	18452	550	19002	3440	22442	49.98
18	5522	121	285	5928	74	4816	0	35	8340	8232	-1661	17424	581	18005	3319	21324	49.97
19	5588	201	300	6089	101	4822	0	0	7850	8099	-1593	17518	272	17790	3326	21116	50.00
20	5590	349	301	6240	67	4769	0	0	7982	7809	-1397	17488	62	17550	3168	20718	50.04
21	5539	142	292	5973	51	4710	0	0	7803	7620	-1347	17007	48	17055	2917	19972	50.02
22	5441	121	304	5866	91	4695	0	0	7380	7318	-1289	16681	15	16696	2746	19442	50.00
23	5521	131	303	5955	61	4687	0	0	7152	7040	-1287	16456	6	16462	2656	19118	49.97
24	5570	121	305	5996	59	4659	0	0	7382	7528	-1491	16751	4	16755	2655	19410	49.98
MUs	130.01	6.10	7.09	143.20	3.20	113.61	0.00	4.41	209.15	210.26	-33.01	441.67	12.87	454.54	70.01	524.55	49.99

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 17/Oct/2018

Position as on 6.30 Hrs of 18/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 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	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.	
IPP	Adani U-3	660	15/10/2018	20.29		Continued.	Air Pre-heater 3B Support Bearing	
MSPGCL	Koradi Unit 6	210	18/10/2018	12.22	18/10/2018	15.36	Low furnace pressure	
MSPGCL	Koradi Unit 6	210	18/10/2018	15.43	18/10/2018	20.30	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 18/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	16/10/2018	17.11	17/10/2018	09.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/10/2018	17.19		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Main Bus II @Khaparkheda S/st	IntraState	16/10/2018	23.27	17/10/2018	00.59	T	Bus Bar Protection Operated Of Bus 2.
Koradi-Khaparkheda I	IntraState	16/10/2018	23.27	17/10/2018	16.09	T	R-Phase CT Burst Of Main Bay 411. On LBB.
Kala Kudus Ckt-I	IntraState	17/10/2018	09.56		Continued.	EO	Attend SF6 Gas Leakage In Bay 408 At Kala Gis End.
Karad - Talandge Ckt 1	IntraState	17/10/2018	11.07	17/10/2018	13.00	PO	Quarterly Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	17/10/2018	17.10		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	18/10/2018	07.22	18/10/2018	15.06	PO	Disc Insulator Replacement Work
Jaigad-Karad Ckt-I	IntraState	18/10/2018	15.27		Continued.	T	Distance Protection, Z1, R-PH, Dist-5Km. IF-14.19KA.
Jejuri- Koynastage-IV	IntraState	18/10/2018	21.05		Continued.	T	Distance Protection, Z-1, R-7 Y-E, D-125Km. 2.638KAMP.
400 KV ICT Outages/Trippings							
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	16/10/2018	23.27	17/10/2018	01.12	T	Bus Bar Protection Operated Of Bus 2.
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	16/10/2018	23.27	17/10/2018	16.09	T	Bus Bar Protection Operated of bus 2.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	16/10/2018	23.27	17/10/2018	01.09	T	Bus Bar Protection Operated Of Bus 2.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	17/10/2018	05.20	17/10/2018	09.00	PO	Attend hot spot at R & Y PH CT clamp.
400/220 KV 500 MVA ICT- I @Warora	IntraState	18/10/2018	13.03	18/10/2018	15.26	EO	Attending Hot Spot
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	18/10/2018	13.20	18/10/2018	20.41	T	Differential Relay, Y PH LA Burst At HV Side.
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.
Nasik Navsari I	InterState	18/10/2018	07.31	18/10/2018	18.13	PO	Line Maintenance work
Nasik Navsari II	InterState	18/10/2018	07.32	18/10/2018	18.14	PO	Line Maintenance work
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.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Oni Kharepatan Line	IntraState	16/10/2018	17.41	17/10/2018	10.37	T	Distance Protection, Decapping At LOC No.302.
Hingoli- Girawali	IntraState	17/10/2018	05.43	17/10/2018	16.08	T	Distance Protection Operated Zone 1. B PH 14.31. 3.17KA
Baramati - Kurkumbh	IntraState	17/10/2018	08.35	17/10/2018	17.50	PO	Online OPGW Work.
Lonand-Baramati	IntraState	17/10/2018	08.45	17/10/2018	17.40	PO	Earth Wire Replacement By Hot Line From LOC.No. 1 To 132.
Jejuri (400 Kv)- Baramati li	IntraState	17/10/2018	09.00	17/10/2018	18.03	PO	Earth Wire Replacement By Hot Line From LOC NO.1 To 132.
Karad - Vita Ckt- I	IntraState	17/10/2018	10.04	17/10/2018	19.20	PO	Replacement Of Rusty, Damaged

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 17/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Vibration Damper.
220kv Lonand- Phaltan line	IntraState	17/10/2018	10.12	17/10/2018	12.28	EO	Attending Hot Spot at R PH CT Conductor Palm & Quarterly Maintenance Work.
Kandalgaon - ONGC Panvel	IntraState	17/10/2018	13.05	17/10/2018	16.50	PO	Line Signature/ Tree Cutting/ Jumper Tightening.
Kharghar-Borivali ckt II	IntraState	17/10/2018	19.15	18/10/2018	14.12	T	Distance Protection, Bor-R PH, 29.8Km, Zone 1, Khar-B PH, Zone 1, 14.88KA.
Kharghar-Borivali ckt I	IntraState	17/10/2018	19.15	18/10/2018	00.45	T	Distance Protection, Zone 1, B PH, 6.31 KA, Khar-R PH, E,F, Zone 1, 16.39KA.
Nanded - Parli Ext. Ckt II	IntraState	18/10/2018	04.14	18/10/2018	17.57	HT	To Control Kumbhargaoon Nanded Line Loading.
Nanded - Parli Ext. Ckt I	IntraState	18/10/2018	04.24	18/10/2018	17.57	HT	To Control Kumbhargaoon Nanded Line Loading.
Jejuri- Ismt- Lonand	IntraState	18/10/2018	09.50	18/10/2018	18.53	PO	Jumper/Strings Replacement & Tightening.
Karad - Vita Ckt- I	IntraState	18/10/2018	10.01		Continued.	PO	Replacement Of Rusty, Damaged Vibration Damper.
Raymond - Washala	IntraState	18/10/2018	14.12		Continued.	T	Distance Protection, B Phase Z1, IB-3.752KA, 5.689KA, 2.124Km.
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	15/10/2018	11.30	17/10/2018	18.40	PO	Replacement Of Control/ Relay panel Work.
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	17/10/2018	10.31	17/10/2018	15.54	PO	Measurement Of CB Timing And CRM Checking Through Bushing.
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Elichpur	IntraState	18/10/2018	14.55	18/10/2018	16.03	HT	To Control Kumbhargaoon Nanded Line Loading.

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