

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 16/Oct/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.852	1967.817	1) Gujrat	1.731	44.211
2) Hydro	9.820	203.967	2) Madhya Pradesh	20.882	348.494
3) Gas	7.028	106.154	3) Chattisgarh	8.380	111.570
Total MSPGCL	148.700	2277.938	4) Maharashtra Net	173.154	2542.695
B) 1) APML	61.425	1031.551	5) Goa (Amona)	-0.352	-3.982
2) JSWEL	24.322	441.457	Total	203.795	3042.988
3) VIPL	8.646	144.034	a) Mumbai Schedule	31.101	462.866
4) RPL(AMT)	6.509	103.363	b) Mumbai Drawl	32.464	495.459
5) WPCL	4.985	79.116	c) MSEDCL Bilateral *	81.536	1325.598
6) PGPL	0.000	0.000	Include PX	51.005	803.354
7) Other IPP	7.191	118.317	d) Mumbai Bilateral *	31.101	462.226
C) 1) TPCL Thermal	16.825	254.262	Include PX	11.316	167.114
2) TPCL Hydro	4.217	78.083	Include Standby	0.000	0.640
3) TPCL Gas	4.358	69.680	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.995	189.529	1) MSEDCL	446.393	6964.740
D) STATE			2) Mumbai Discoms	69.859	1087.015
1) Thermal	273.750	4329.446	TOTAL STATE	516.252	8051.755
(A1+C1+C4+(B1-B6))					
2) Hydro	14.037	282.050			
(A2+C2)					
3) Gas	11.386	175.834			
(A3+B6+C3)					
4) Wind	8.043	130.477			
6) SOLAR	5.241	90.958			
TOTAL STATE	312.457	5008.765			

* 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	5418	5443	5509	5417
MSPGCL Hydro	1270	729	753	119
MSPGCL Gas	279	276	286	300
MSPGCL Total Generation	6967	6448	6548	5836
Central Sector Receipt	9620	9740	8202	7029
WIND	281	196	142	326
CPP / IPP Thermal	4663	4685	4926	4888
CPP / IPP Gas	0	0	0	0
SOLAR	765	808	0	0
Exchange with Mumbai	-1570	-1593	-1511	-1487
MSEDCL DEMAND MET	20726	20284	18307	16592
Load Shedding	814	1022	35	7
MSEDCL DEMAND	21540	21306	18342	16599
TPCL GENERATION	1313	1251	1212	913
R-INFRA GENERATION	499	500	499	500
MUMBAI DEMAND	3382	3344	3222	2900
STATE DEMAND MET	24108	23628	21529	19492
STATE DEMAND	24922	24650	21564	19499
Frequency (Hz)	49.95	49.97	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 22:01 Hrs	49.81 Hz at 00:18 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 16/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.12	1.44	94	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	65.95	0	0
Unit 9	10.33	165.69	504	353
Unit 10	9.09	64.61	429	330
Total	20.54	297.70		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.00	138.98	365	325
Unit 5	8.02	70.74	360	320
Total	16.02	209.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.21	68.59	186	163
Unit 7	4.24	69.14	191	169
Unit 8	0.00	0.00	0	0
Total	8.45	137.73		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.18	66.74	187	153
Unit 5	8.40	137.99	356	345
Unit 6	8.44	140.31	360	341
Unit 7	8.44	141.77	359	327
Unit 8	10.61	155.46	450	440
Unit 9	10.58	154.05	450	430
Total	50.64	797.84		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	6.00	91.77	250	250
Total	6.00	91.77		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.47	38.01	160	100
Unit 3	4.12	52.19	180	164
Unit 4	3.94	57.83	176	150
Unit 5	11.10	164.80	471	460
Total	22.63	312.83		
Nasik				
Unit 3	3.76	59.46	162	153
Unit 4	3.81	60.77	161	154
Unit 5	0.00	0.00	0	0
Total	7.57	120.23		
Uran				
All Units	7.03	106.15	307	276
Total	7.03	106.15		
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)	0.77	11.38	34	27

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.77	11.38		
Koyna				
Stage 1-2	3.77	59.64	460	40
Stage 4	1.98	84.56	487	0
Stage 3	1.53	32.02	160	0
Total	7.28	176.21		
Hydro				
KDPH	0.89	5.35	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.	0.16	4.21	57	0
RNGR+BHTSA	0.32	6.09	16	0
BHANDARDRA	0.34	3.60	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	3.82	22	11
GHATGHAR	0.51	2.43	125	0
Total	2.54	27.76		
Wind				
Total	8.04	130.48	0	0
Total	8.04	130.48		
CPP				
APML(Mus)	61.42	1031.55	0	0
JSWEL(Mus)	24.32	441.46	0	0
VIPL(Mus)	8.65	144.03	0	0
RPLAMT(Mus)	6.51	103.36	0	0
WPCL(Mus)	4.98	79.12	0	0
Other(Mus)	7.19	118.32	0	0
Total	113.08	1917.84		
SOLAR				
Total	5.24	90.96	0	0
Total	5.24	90.96		
Tata				
Trombay 5	11.42	165.80	479	470
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	44.16	116	114
Trombay 7B	1.60	25.52	68	65
Trombay 8	5.41	88.46	235	214
TATA Hydro	4.22	78.08	421	0
Total	25.40	402.02		
R-INFRA				
DTPS U-1&2	12.00	189.53	502	498
Total	12.00	189.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.85	1967.82	MSPGCL Total	148.70	2277.94
			MSPGCL Thml+Gas	138.88	2073.97	Koyna 1,2 & 4 Total	5.75	144.19
			MSPGCL Hydro	9.82	203.97	State Total	312.46	5008.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5504	194	303	6001	504	4549	0	0	7432	7391	-1377	17068	207	17275	2763	20038	49.94
2	5505	129	294	5928	612	4547	0	0	7771	7822	-1147	17762	207	17969	2527	20496	49.96
3	5452	119	305	5876	613	4532	0	0	7968	8074	-977	18118	207	18325	2351	20676	50.02
4	5421	128	305	5854	668	4538	0	0	8098	8112	-863	18309	207	18516	2232	20748	50.02
5	5487	118	305	5910	605	4538	0	0	8127	8384	-799	18638	207	18845	2171	21016	49.95
6	5553	102	305	5960	593	4539	0	0	8723	8579	-844	18827	690	19517	2217	21734	49.97
7	5607	102	307	6016	522	4531	0	23	8898	8710	-910	18892	1191	20083	2283	22366	49.95
8	5585	164	307	6056	406	4514	0	168	8544	8197	-1012	18329	1323	19652	2388	22040	50.01
9	5503	128	303	5934	324	4557	0	417	8603	8791	-1258	18765	932	19697	2679	22376	49.96
10	5528	396	288	6212	332	4593	0	590	8803	9035	-1472	19290	767	20057	3032	23089	49.96
11	5368	1030	291	6689	297	4653	0	738	9265	9546	-1505	20418	663	21081	3285	24366	49.97
12	5418	1270	279	6967	281	4663	0	765	9520	9620	-1570	20726	814	21540	3382	24922	49.95
13	5443	729	276	6448	196	4685	0	808	9536	9740	-1593	20284	1022	21306	3344	24650	49.97
14	5497	471	278	6246	152	4669	0	608	9649	9942	-1654	19963	1060	21023	3283	24306	49.99
15	5513	978	276	6767	159	4837	0	530	9747	9773	-1717	20349	793	21142	3410	24552	49.97
16	5582	668	278	6528	112	4872	0	382	9638	9604	-1700	19798	629	20427	3473	23900	49.97
17	5516	467	281	6264	109	4940	0	183	9138	8976	-1619	18853	576	19429	3407	22836	49.96
18	5489	608	281	6378	103	4957	0	29	8045	8174	-1516	18125	581	18706	3304	22010	49.92
19	5513	643	294	6450	82	4965	0	0	7820	7746	-1507	17736	201	17937	3276	21213	50.01
20	5509	753	286	6548	142	4926	0	0	7739	8202	-1511	18307	35	18342	3222	21564	50.03
21	5522	256	296	6074	265	4869	0	0	7448	7721	-1527	17402	32	17434	3078	20512	50.02
22	5481	119	290	5890	350	4862	0	0	7322	7217	-1459	16860	18	16878	2942	19820	50.03
23	5417	119	300	5836	326	4888	0	0	7260	7029	-1487	16592	7	16599	2900	19499	50.01
24	5439	129	300	5868	290	4850	0	0	7146	7411	-1440	16979	7	16986	2910	19896	49.97
MUs	131.85	9.82	7.03	148.70	8.04	113.08	0.00	5.24	202.24	203.80	-32.46	446.39	12.38	458.77	69.86	528.63	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 16/Oct/2018

Position as on 6.30 Hrs of 17/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	JSW (J) U3	300	14/10/2018	17.11	16/10/2018	13.21	CW DUCT LEAKGE.	
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 16/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 17/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	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	17/10/2018	09.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/10/2018	17.19		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)
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	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
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-I @Khaparkheda	IntraState	16/10/2018	23.27	17/10/2018	01.09	T	Bus Bar Protection Operated Of Bus 2.
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 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.
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.
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
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

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 16/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 17/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	17/10/2018	10.37	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
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 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 I	IntraState	17/10/2018	19.15		Continued.	T	Distance Protection, Zone 1, B PH, 6.31 KA, Khar-R PH, E,F, Zone 1. 16.39KA.
Kharghar-Borivali ckt II	IntraState	17/10/2018	19.15		Continued.	T	Distance Protection, Bor-R PH, 29.8Km, Zone 1, Khar-B PH, Zone 1. 14.88KA.
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.
220/22 Kv 50 Mva Bbl Ptr No2 @Khadki	IntraState	15/10/2018	23.40	16/10/2018	00.20	T	LBB Protection Operated
220/22 Kv 50 Mva Ptr No 1 @Khadki	IntraState	15/10/2018	23.40	16/10/2018	00.18	T	LBB Protection Operated
220/132 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.

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