

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.425	2218.836	1) Gujrat	-1.766	-27.340
2) Hydro	5.034	89.669	2) Madhya Pradesh	12.790	183.091
3) Gas	7.146	108.947	3) Chattisgarh	7.000	117.450
Total MSPGCL	134.605	2417.452	4) Maharashtra Net	124.795	2175.758
B) 1) APML	73.532	1126.137	5) Goa (Amona)	-0.462	-7.986
2) JSWEL	23.810	427.377	Total	142.357	2440.973
3) VIPL	6.443	93.404	a) Mumbai Schedule	19.083	368.581
4) RPL(AMT)	11.561	110.908	b) Mumbai Drawl	24.230	483.992
5) WPCL	2.267	77.467	c) MSEDCL Bilateral *	34.915	836.009
6) PGPL	0.000	0.000	Include PX	5.100	244.150
7) Other IPP	19.497	225.757	d) Mumbai Bilateral *	19.083	356.396
C) 1) TPCL Thermal	13.283	228.504	Include PX	2.481	93.923
2) TPCL Hydro	3.871	56.591	Include Standby	0.000	12.185
3) TPCL Gas	4.412	74.065	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.674	165.064	1) MSEDCL	401.290	6649.759
D) STATE			2) Mumbai Discoms	56.470	1008.214
1) Thermal	283.492	4673.454	TOTAL STATE	457.760	7657.973
(A1+C1+C4+(B1-B6))					
2) Hydro	8.905	146.260			
(A2+C2)					
3) Gas	11.558	183.012			
(A3+B6+C3)					
4) Wind	5.770	119.290			
6) SOLAR	5.678	94.986			
TOTAL STATE	315.403	5217.002			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5241	5194	5311	4884
MSPGCL Hydro	349	543	165	80
MSPGCL Gas	286	280	287	310
MSPGCL Total Generation	5876	6017	5763	5274
Central Sector Receipt	7840	6895	5720	4721
WIND	364	274	99	378
CPP / IPP Thermal	5959	5959	6089	5025
CPP / IPP Gas	0	0	0	0
SOLAR	754	841	0	0
Exchange with Mumbai	-1088	-1122	-1330	-1064
MSEDCL DEMAND MET	19705	18864	16341	14334
Load Shedding	0	0	0	0
MSEDCL DEMAND	19705	18864	16341	14334
TPCL GENERATION	1132	1171	933	702
R-INFRA GENERATION	505	504	454	375
MUMBAI DEMAND	2725	2797	2717	2141
STATE DEMAND MET	22430	21661	19058	16475
STATE DEMAND	22430	21661	19058	16475
Frequency (Hz)	49.96	49.95	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.01 Hrs	49.75 Hz at 06.45 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 17/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.51	6.14	154	0
Unit 7	0.00	0.00	0	0
Unit 8	8.15	128.09	420	280
Unit 9	8.26	137.01	395	291
Unit 10	8.39	134.23	420	289
Total	27.31	405.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.67	147.00	500	350
Unit 5	9.08	145.31	480	350
Total	18.76	292.31		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.47	79.66	250	190
Unit 7	0.00	0.00	0	0
Unit 8	5.41	82.30	248	193
Total	10.88	161.97		
Chandrapur				
Unit 3	4.13	12.42	194	150
Unit 4	0.22	0.22	69	0
Unit 5	9.80	159.51	430	360
Unit 6	2.17	155.44	400	0
Unit 7	9.75	160.11	430	357
Unit 8	0.00	154.22	0	0
Unit 9	10.51	169.01	450	360
Total	36.58	810.92		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	2.31	77.73	250	0
Total	2.31	77.73		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.00	67.75	180	150
Unit 3	0.00	65.35	0	0
Unit 4	4.18	71.06	186	160
Unit 5	10.16	136.62	480	376
Total	18.34	340.77		
Nasik				
Unit 3	0.00	58.04	0	0
Unit 4	4.11	66.22	190	158
Unit 5	4.14	5.42	184	159
Total	8.25	129.68		
Uran				
All Units	7.15	108.95	313	277
Total	7.15	108.95		
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)	0.00	1.56	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.56		
Koyna				
Stage 1-2	1.35	26.95	140	40
Stage 4	0.28	12.56	200	0
Stage 3	0.61	9.06	80	0
Total	2.24	48.57		
Hydro				
KDPH	0.44	10.20	19	18
VTRNA	0.46	7.58	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	2.72	73	0
RNGR+BHTSA	0.35	6.50	15	14
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	3.74	13	2
GHATGHAR	1.31	5.75	125	0
Total	2.79	41.10		
Wind				
Total	5.77	119.29	0	0
Total	5.77	119.29		
CPP				
APML(Mus)	73.53	1126.14	0	0
JSWEL(Mus)	23.81	427.38	0	0
VIPL(Mus)	6.44	93.40	0	0
RPLAMT(Mus)	11.56	110.91	0	0
WPCL(Mus)	2.27	77.47	0	0
Other(Mus)	19.50	225.76	0	0
Total	137.11	2061.05		
SOLAR				
Total	5.68	94.99	0	0
Total	5.68	94.99		
Tata				
Trombay 5	9.24	143.52	482	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	47.10	118	116
Trombay 7B	1.60	26.97	68	66
Trombay 8	4.04	84.98	228	124
TATA Hydro	3.87	56.59	405	0
Total	21.57	359.16		
R-INFRA				
DTPS U-1&2	10.67	165.06	505	375
Total	10.67	165.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.42	2218.84	MSPGCL Total	134.60	2417.45
			MSPGCL Thml+Gas	129.57	2327.78	Koyna 1,2 & 4 Total	1.63	39.51
			MSPGCL Hydro	5.03	89.67	State Total	315.40	5217.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Nov/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	4884	80	310	5274	378	5025	0	0	5050	4721	-1064	14334	0	14334	2141	16475	49.96
2	4895	75	308	5278	393	5066	0	0	4988	4815	-913	14639	0	14639	1983	16622	49.95
3	5040	75	311	5426	395	5080	0	0	4894	4837	-795	14943	0	14943	1861	16804	49.96
4	5119	75	310	5504	382	5091	0	0	5084	4982	-716	15243	0	15243	1786	17029	49.96
5	5067	80	310	5457	329	5162	0	0	5111	5174	-689	15433	0	15433	1756	17189	49.95
6	5120	151	310	5581	296	5639	0	0	5212	5518	-742	16292	0	16292	1809	18101	49.94
7	4803	305	310	5418	298	5867	0	12	5792	6037	-636	16996	0	16996	1869	18865	49.92
8	4807	432	313	5552	279	5953	0	147	6078	6629	-604	17956	0	17956	1964	19920	49.94
9	4913	420	309	5642	275	5976	0	401	6302	6399	-756	17937	0	17937	2195	20132	49.97
10	5121	440	302	5863	313	5981	0	681	6631	6442	-916	18364	0	18364	2489	20853	49.95
11	5241	349	286	5876	364	5959	0	754	7467	7840	-1088	19705	0	19705	2725	22430	49.96
12	5175	399	282	5856	296	5931	0	790	7465	7556	-1127	19302	0	19302	2826	22128	49.92
13	5194	543	280	6017	274	5959	0	841	7116	6895	-1122	18864	0	18864	2797	21661	49.95
14	5204	314	277	5795	239	5939	0	754	6776	6926	-1047	18606	0	18606	2688	21294	49.97
15	5257	332	277	5866	168	5921	0	633	6819	6896	-1075	18409	0	18409	2723	21132	49.93
16	5372	180	278	5830	133	5947	0	444	6457	6542	-1128	17768	0	17768	2739	20507	49.90
17	5365	98	292	5755	144	5990	0	191	6138	6030	-1113	16997	0	16997	2710	19707	49.97
18	5385	80	284	5749	119	6039	0	30	6007	6063	-1216	16784	0	16784	2653	19437	49.93
19	5311	165	287	5763	99	6089	0	0	5920	5720	-1330	16341	0	16341	2717	19058	49.95
20	5401	121	301	5823	113	6034	0	0	5606	5279	-1077	16172	0	16172	2660	18832	50.01
21	5122	75	302	5499	123	5849	0	0	5478	5392	-1332	15531	0	15531	2533	18064	50.00
22	4914	85	294	5293	107	5566	0	0	5272	5319	-1311	14974	0	14974	2382	17356	50.01
23	4834	75	307	5216	121	5528	0	0	5274	5268	-1261	14872	0	14872	2276	17148	49.97
24	4881	85	306	5272	132	5516	0	0	5254	5077	-1172	14825	0	14825	2188	17013	49.98
MUs	122.42	5.03	7.15	134.61	5.77	137.11	0.00	5.68	142.19	142.36	-24.23	401.29	0.00	401.29	56.47	457.76	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 17/Nov/2018

Position as on 6.30 Hrs of 18/Nov/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual 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.	
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	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	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-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 4	210	31/10/2018	07.50	17/11/2018	16.48	Heavy Sparking	
MSPGCL	Paras Unit 4	250	16/11/2018	00.00	17/11/2018	12.50	Boiler Tube Leakage	
IPP	SWPGL U-2	135	16/11/2018	00.00		Continued.	No PPA	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Khaparkheda Unit 3	210	16/11/2018	18.04		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	16/11/2018	22.40		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	17/11/2018	00.30	18/11/2018	00.30	Poor coal receipt.	
MSPGCL	Chandrapur Unit 6	500	17/11/2018	06.06		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	17/11/2018	16.11	17/11/2018	19.39	Tripped, Primary Air Header Low pressure.	

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

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	18/11/2018	11.40	18/11/2018	18.46	PO	Replacement of Damaged Isolator ARM OF RPH ICT2 LV Isolator.
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	14/11/2018	21.34	18/11/2018	10.47	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/11/2018	17.34	17/11/2018	07.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/11/2018	08.33		Continued.	PO	Line Signature.
Dhule Sar'Sarovar I	InterState	18/11/2018	17.25		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	16/11/2018	07.49	17/11/2018	09.13	PO	Disc Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	16/11/2018	18.40	17/11/2018	07.06	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/11/2018	17.51	18/11/2018	07.03	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	18/11/2018	09.21	18/11/2018	09.50	PO	Line Maintenance Work,Work Not Completed. Line charged Due Overloading On Chakan-Talegaon PG Line.
Ektuni - Taptitanda Ckt I	IntraState	18/11/2018	10.47	18/11/2018	11.16	HT	To Control Loading On Ektuni ICT.
Ektuni-Bableshwar ckt I	IntraState	18/11/2018	11.36	18/11/2018	18.54	HT	To Control Loading On Ektuni ICT.
Khadka-Aurangabad (Waluj)	IntraState	18/11/2018	18.59		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/11/2018	20.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48		Continued.	HT	Emergency Hand Tripped due to heavy oil leakage & high tan delta value
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
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.
Borivali - Tarapur	InterState	17/11/2018	09.20	17/11/2018	16.12	PO	Routine Maintenance/Diagnostic Testing.
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.
Uran - Kharghar 2	IntraState	13/11/2018	10.31		Continued.	PO	New Inline Tower Erection work
Chikhli-Jalna-I	IntraState	16/11/2018	09.20	17/11/2018	16.40	HT	For Control Akola ICT Loading.
Chikhli-Jalna-II	IntraState	17/11/2018	04.20	17/11/2018	16.40	HT	For Control Akola ICT Loading.
Kalmeshwar-Pandhurna	IntraState	17/11/2018	09.23	17/11/2018	19.00	PO	Line Maintenance work
Phursungi-Serum	IntraState	17/11/2018	09.55	17/11/2018	16.50	PO	Line Maintenance work
Koradi-Khaperkheda	IntraState	17/11/2018	10.13	17/11/2018	12.25	EO	Attending Hot Spot
Urse - Talegaon (Ambi) Ckt 1	IntraState	17/11/2018	10.26	17/11/2018	18.27	PO	Double Jumping work.
Badnera - Amravati	IntraState	17/11/2018	10.41	17/11/2018	13.58	HT	To Control Akola ICT Overloading.H/T At Amravati End.
REL Borivali Aarey Line	IntraState	18/11/2018	01.12	18/11/2018	05.52	PO	Work By DMRC.

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/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay - Mulund	IntraState	18/11/2018	08.10	18/11/2018	19.52	PO	Diagnostic Testing Work.
Pusad - Hingoli	IntraState	18/11/2018	12.12	18/11/2018	16.45	HT	Load Management For Pusad Yavatmal Outage.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	17/11/2018	04.30	17/11/2018	05.30	EO	Tempory neutral earthing as neutral earthing copper earthing strip is stolen.
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	17/11/2018	05.45	17/11/2018	06.30	EO	Tempory neutral earthing as neutral earthing copper earthing strip is stolen.
220/132 kV 200MVA ICT II @ Girwali	IntraState	17/11/2018	11.29	17/11/2018	14.25	EO	Attending Hot Spot On Bus Isolator.
220/33KV 50MVA T/F 2 @ Aurangabad	IntraState	18/11/2018	08.16	18/11/2018	08.54	HT	Over Voltage E/F,O/C R-PH.4.39KA.Y-PH4.46KA.
132 KV LINE Outages/Trippings							
Bhandara-Ambhora 1	IntraState	17/11/2018	00.55	17/11/2018	01.25	T	Distance Protection. Z1.4.64KA.16.2KM.R-PH
Kaulewada-Gondia-Ii	IntraState	17/11/2018	04.20	17/11/2018	04.25	T	Distance Protection, OPTD k-R/1.6KA/Z1/30KM g-r/2.0KA/Z1/12KM.

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