

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Nov/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.844	1987.902	1) Gujrat	1.651	-7.059
2) Hydro	6.254	154.390	2) Madhya Pradesh	12.030	160.058
3) Gas	9.176	170.005	3) Chattisgarh	7.680	124.090
Total MSPGCL	136.274	2312.297	4) Maharashtra Net	124.848	2007.902
B) 1) APML	39.610	922.385	5) Goa (Amona)	-0.814	-13.398
2) JSWEL	24.058	385.657	Total	145.395	2271.593
3) VIPL	13.041	215.493	a) Mumbai Schedule	20.639	338.154
4) RPL(AMT)	11.842	239.101	b) Mumbai Drawl	21.380	422.135
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	49.400	641.422
6) PGPL	0.000	0.000	Include PX	14.184	68.599
7) Other IPP	14.307	157.231	d) Mumbai Bilateral *	20.639	338.154
C) 1) TPCL Thermal	15.121	246.270	Include PX	1.454	35.082
2) TPCL Hydro	3.613	58.718	Include Standby	0.000	0.000
3) TPCL Gas	4.350	70.876	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.790	176.310	1) MSEDCL	369.993	6270.583
D) STATE			2) Mumbai Discoms	55.254	974.316
1) Thermal	249.613	4330.349	TOTAL STATE	425.247	7244.899
(A1+C1+C4+(B1-B6))					
2) Hydro	9.867	213.108			
(A2+C2)					
3) Gas	13.526	240.881			
(A3+B6+C3)					
4) Wind	3.872	132.575			
6) SOLAR	2.974	56.386			
TOTAL STATE	279.852	4973.299			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5275	5175	5303	4586
MSPGCL Hydro	303	260	876	87
MSPGCL Gas	416	306	290	432
MSPGCL Total Generation	5994	5741	6469	5105
Central Sector Receipt	7485	7804	5571	4208
WIND	172	86	151	247
CPP / IPP Thermal	4599	4570	4520	3912
CPP / IPP Gas	0	0	0	0
SOLAR	456	410	0	0
Exchange with Mumbai	-1110	-1046	-1105	-741
MSEDCL DEMAND MET	17596	17565	15606	12731
Load Shedding	0	0	0	0
MSEDCL DEMAND	17596	17565	15606	12731
TPCL GENERATION	1246	1126	1267	691
R-INFRA GENERATION	503	503	503	376
MUMBAI DEMAND	2859	2675	2875	1808
STATE DEMAND MET	20455	20240	18481	14539
STATE DEMAND	20455	20240	18481	14539
Frequency (Hz)	49.90	49.98	49.98	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12.02 Hrs	49.74 Hz at 07.19 Hrs	49.94	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/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	0.00	118.36	0	0
Unit 10	13.42	197.72	605	470
Total	13.42	362.56		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.46	143.80	360	350
Unit 5	8.46	145.16	365	345
Total	16.92	288.96		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.27	15.46	248	187
Unit 7	5.20	20.88	248	176
Unit 8	3.97	69.40	172	150
Total	14.44	105.74		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.00	154.17	400	310
Unit 7	9.20	163.19	402	348
Unit 8	10.37	141.60	490	348
Unit 9	10.29	133.22	469	350
Total	38.86	595.38		
Paras				
Unit 3	5.08	88.02	233	180
Unit 4	5.42	89.08	252	190
Total	10.50	177.10		
Khaparkheda				
Unit 1	3.36	62.18	150	125
Unit 2	3.54	64.04	155	140
Unit 3	0.00	0.00	0	0
Unit 4	3.64	63.80	153	149
Unit 5	10.18	132.36	450	360
Total	20.72	322.38		
Nasik				
Unit 3	1.71	1.71	200	0
Unit 4	4.27	71.17	202	163
Unit 5	0.00	62.90	0	0
Total	5.98	135.78		
Uran				
All Units	9.18	170.00	452	271
Total	9.18	170.00		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.17	2.79	52	0
Total	0.17	2.79		
Koyna				
Stage 1-2	2.89	58.40	450	40
Stage 4	0.61	38.95	386	0
Stage 3	1.16	21.92	156	0
Total	4.67	119.27		
Hydro				
KDPH	0.00	5.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.36	4.53	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.60	77	0
RNGR+BHTSA	0.36	6.48	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	7.02	26	25
GHATGHAR	0.00	7.94	0	0
Total	1.59	35.12		
Wind				
Total	3.87	132.58	0	0
Total	3.87	132.58		
CPP				
APML(Mus)	39.61	922.38	0	0
JSWEL(Mus)	24.06	385.66	0	0
VIPL(Mus)	13.04	215.49	0	0
RPLAMT(Mus)	11.84	239.10	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.31	157.23	0	0
Total	102.86	1919.87		
SOLAR				
Total	2.97	56.39	0	0
Total	2.97	56.39		
Tata				
Trombay 5	9.82	157.16	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	44.57	115	115
Trombay 7B	1.59	26.30	67	65
Trombay 8	5.30	89.11	242	193
TATA Hydro	3.61	58.72	403	0
Total	23.08	375.86		
R-INFRA				
DTPS U-1&2	10.79	176.31	504	374
Total	10.79	176.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.84	1987.90	MSPGCL Total	136.27	2312.30
			MSPGCL Thml+Gas	130.02	2157.91	Koyna 1,2 & 4 Total	3.50	97.35
			MSPGCL Hydro	6.25	154.39	State Total	279.85	4973.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Nov/2017

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	4586	87	432	5105	247	3912	0	0	3961	4208	-741	12731	0	12731	1808	14539	49.95
2	4566	87	443	5096	181	3896	0	0	4544	4888	-601	13460	0	13460	1669	15129	49.98
3	4585	82	433	5100	132	3982	0	0	4932	5126	-515	13825	0	13825	1580	15405	49.95
4	4560	82	452	5094	114	4009	0	1	5101	5323	-438	14103	0	14103	1529	15632	49.94
5	4750	266	434	5450	149	4061	0	0	5242	5397	-389	14668	0	14668	1532	16200	49.95
6	5094	236	444	5774	229	4296	0	0	5594	5751	-343	15707	0	15707	1655	17362	49.92
7	5081	316	436	5833	285	4401	0	11	6500	6339	-436	16433	0	16433	1831	18264	49.92
8	5190	292	446	5928	208	4555	0	56	6757	6825	-512	17060	0	17060	1996	19056	49.91
9	5164	236	433	5833	181	4566	0	197	6507	6625	-789	16613	0	16613	2219	18832	49.90
10	5188	360	447	5995	196	4251	0	320	6631	6679	-1179	16262	0	16262	2533	18795	49.90
11	5249	309	422	5980	189	4468	0	407	7227	6907	-1184	16767	0	16767	2758	19525	49.91
12	5275	303	416	5994	172	4599	0	456	7469	7485	-1110	17596	0	17596	2859	20455	49.90
13	5225	181	415	5821	138	4457	0	451	7600	7473	-1093	17247	0	17247	2801	20048	49.93
14	5175	260	306	5741	86	4570	0	410	7537	7804	-1046	17565	0	17565	2675	20240	49.98
15	5228	220	271	5719	65	4752	0	331	7356	7307	-979	17195	0	17195	2706	19901	49.95
16	5191	180	275	5646	96	4717	0	228	7450	7422	-1050	17059	0	17059	2742	19801	49.96
17	5256	250	275	5781	75	4634	0	95	6918	6835	-1064	16356	0	16356	2841	19197	49.92
18	5271	837	276	6384	87	4547	0	11	5394	6122	-1009	16142	0	16142	2827	18969	49.91
19	5303	876	290	6469	151	4520	0	0	5168	5571	-1105	15606	0	15606	2875	18481	49.98
20	5256	296	303	5855	148	4415	0	0	5343	5611	-1154	14875	0	14875	2687	17562	49.99
21	5107	148	330	5585	134	4213	0	0	5305	5114	-1317	13729	0	13729	2532	16261	49.98
22	5031	185	361	5577	115	3671	0	0	5070	5296	-1211	13448	0	13448	2329	15777	49.99
23	4867	80	407	5354	197	3752	0	0	5157	4721	-1100	12924	0	12924	2178	15102	49.96
24	4646	85	429	5160	297	3614	0	0	4954	4566	-1015	12622	0	12622	2092	14714	49.99
MUs	120.84	6.25	9.18	136.27	3.87	102.86	0.00	2.97	143.72	145.40	-21.38	369.99	0.00	369.99	55.25	425.25	49.94

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/2017

Position as on 6.30 Hrs of 18/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.(Coal Shortage since 07.11.2017)	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Nov/2017

Position as on 6.30 Hrs of 18/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
IPP	Adani U-1	660	10/11/2017	02.29		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/11/2017	14.44		Continued.	electrohydraulic oil pressure low.	
MSPGCL	Ghatghar Unit-1	125	13/11/2017	19.45		Continued.	COMPRESSER PROBLEM.	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	
MSPGCL	Uran Unit B0	120	17/11/2017	13.17	17/11/2017	22.13	Water pump trip. of U-7.	
MSPGCL	Uran Unit 7	108	17/11/2017	13.18	17/11/2017	19.03	Water Pump Trip.	
CPP	IEPL Unit 1	270	17/11/2017	16.28	17/11/2017	19.43	Drum level low	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Chandrapur Unit 7	500	18/11/2017	00.43		Continued.	pressure parts leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2017

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	16/11/2017	17.26		Continued.	HT	Over Voltage
Koradi Satpur	InterState	17/11/2017	03.28	17/11/2017	09.33	PO	Breaker Problem at Sarani end.
Chandrapur II - Chandrapur ckt 2	IntraState	15/11/2017	10.05	17/11/2017	06.37	PO	Attending Hot Spot
Main Bus I @ Kalwa	IntraState	16/11/2017	07.20	17/11/2017	14.36	PO	Padgha CKT-1 Isolator replacement work
Khadka-Aurangabad (Waluj)	IntraState	16/11/2017	17.21	17/11/2017	07.26	HT	Over Voltage
karad -kolhapur-I	IntraState	16/11/2017	18.23	17/11/2017	09.38	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/11/2017	18.26	17/11/2017	09.25	HT	Over Voltage
Padghe - Nagothane - I	IntraState	17/11/2017	10.32	17/11/2017	16.02	PO	Line Signature Analysis
Karad-Jaigad - I	IntraState	17/11/2017	17.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/11/2017	18.03		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	17/11/2017	18.23		Continued.	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	17/11/2017	21.16	18/11/2017	06.22	EO	Emergency outage
Ektuni-Bableswhar ckt I	IntraState	17/11/2017	21.55		Continued.	HT	Over Voltage
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.
Boisar Tarapur	InterState	17/11/2017	08.18	17/11/2017	19.00	PO	Annual 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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection Ry phase fault, 36KA practice in progress fault clear near borivali end.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Washala - Ghatghar	IntraState	17/11/2017	07.23	17/11/2017	08.50	T	DUE TO BUS BAR OPERATED 6 MW LA
Raymond - Washala	IntraState	17/11/2017	07.23	17/11/2017	08.36	T	DUE TO BUS BAR OPERATED 6 MW LA
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Parli New Tps - Beed Ckt 1	IntraState	17/11/2017	10.04	17/11/2017	11.38	PO	Attending Hot Spot
Parli 2-(Girwali) -Murud	IntraState	17/11/2017	10.05	17/11/2017	18.09	PO	Line Maintenance work
Talandge(400)- Mudshingi 2 Line	IntraState	17/11/2017	10.32	17/11/2017	13.30	PO	Routine Maintenance Work
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Dhule - Malegaon	IntraState	17/11/2017	15.42	17/11/2017	17.39	PO	CT Leakage Attending.
Butibori - Wardha	IntraState	17/11/2017	21.28	17/11/2017	22.28	PO	Hot Spot on R PH CT STUD
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	17/11/2017	08.29	17/11/2017	12.55	PO	Diagnostic testing work
220/22 Kv 50 Mva Alstom Ptr 2 @Taloja	IntraState	17/11/2017	10.12	17/11/2017	16.02	PO	Attending Hot Spot

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/2017

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl lct 2 @Beed	IntraState	17/11/2017	11.40	17/11/2017	12.30	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva lct 2 @Paranda	IntraState	17/11/2017	12.38	17/11/2017	15.28	PO	Measurement of Tan Delta Diagnostic Testing work
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	17/11/2017	13.25	17/11/2017	18.10	PO	Diagnostic testing work.
220/22 Kv 50 Mva Ptr 2 @Chakan	IntraState	17/11/2017	15.47	17/11/2017	16.34	PO	Relay Problem.
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	17/11/2017	17.08	18/11/2017	00.19	T	Tripped On D P, B PH LA Burst At Kalwa