

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Nov/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.503	1682.552	1) Gujrat	2.865	44.548
2) Hydro	5.421	135.144	2) Madhya Pradesh	9.729	124.588
3) Gas	10.200	129.188	3) Chattisgarh	6.920	104.340
Total MSPGCL	149.124	1946.884	4) Maharashtra	113.209	1796.305
B) 1) APLM	69.075	1115.200	5) Goa (Amona)	-0.242	-8.052
2) JSWEL	18.874	315.281	Total	132.481	2061.729
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.364	410.597
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	30.384	458.412
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.866	396.348
6) Other IPP	7.406	126.556	Include PX	0.032	-0.613
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.364	410.597
C) 1) TPCL Thermal	13.220	215.548	Include PX	7.391	142.749
2) TPCL Hydro	2.948	64.409	Standby	0.000	0.000
3) TPCL Gas	4.299	67.113	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.463	157.614	1) MSEDCL	358.727	5357.096
D) STATE			2) Mumbai Discoms	60.314	963.091
1) Thermal	251.541	3662.728	TOTAL STATE	419.041	6320.187
(A1+C1+C4+(B1-B6))					
2) Hydro	8.369	199.553			
(A2+C2)					
3) Gas	14.499	196.301			
(A3+B7+C3)					
4) Wind	6.851	113.271			
6) SOLAR	5.300	86.610			
TOTAL STATE	286.560	4258.463			

* 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 4 Hrs
MSPGCL Thermal	5500	5630	6210	5127
MSPGCL Hydro	209	570	536	81
MSPGCL Gas	404	413	423	433
MSPGCL Total Generation	6113	6614	7168	5641
Central Sector Receipt	6468	6205	6103	4270
WIND	315	203	242	359
CPP / IPP Thermal	4048	4029	4236	3382
CPP / IPP Gas	0	0	0	0
SOLAR	836	558	0	0
Exchange with Mumbai	-1655	-1553	-1295	-895
MSEDCL DEMAND MET	16125	16056	16454	12757
Load Shedding	0	0	0	0
MSEDCL DEMAND	16125	16056	16454	12757
TPCL GENERATION	960	936	1116	652
AEML GENERATION	372	372	463	372
MUMBAI DEMAND	2987	2861	2874	1919
STATE DEMAND MET	19112	18916	19328	14676
STATE DEMAND	19112	18916	19328	14676
Frequency (Hz)	50.00	49.93	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.04 Hrs	49.78 Hz at 14.15 Hrs	50	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/Nov/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.19	174.21	580	460
Unit 9	12.66	181.62	620	460
Unit 10	11.68	150.86	530	430
Total	36.54	506.69		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.22	149.24	460	355
Unit 5	9.53	150.92	500	355
Total	18.74	300.17		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.95	23.07	240	190
Unit 7	4.98	22.86	248	187
Unit 8	4.96	24.19	245	187
Total	14.89	70.12		
Chandrapur				
Unit 3	4.11	50.48	185	158
Unit 4	0.00	0.00	0	0
Unit 5	8.81	111.05	375	362
Unit 6	9.53	122.90	460	352
Unit 7	0.00	0.00	0	0
Unit 8	9.98	158.48	500	340
Unit 9	9.62	146.19	470	320
Total	42.05	589.10		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	3.95	8.36	190	150
Unit 4	3.98	14.68	200	155
Unit 5	9.36	132.83	470	360
Total	17.29	155.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.00	55.69	189	151
Unit 5	0.00	4.91	0	0
Total	4.00	60.60		
Uran				
All Units	10.20	129.19	443	404
Total	10.20	129.19		
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)	0.13	5.17	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	5.17		
Koyna				
Stage 1-2	2.09	44.40	270	35
Stage 4	1.37	46.13	428	0
Stage 3	0.96	20.18	140	0
Total	4.42	110.71		
Hydro				
KDPH	0.22	0.22	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	4.74	80	0
RNGR+BHTSA	0.40	4.25	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	4.71	0	0
SMLHY_PTN	0.00	3.87	0	0
GHATGHAR	0.14	4.83	80	0
Total	1.00	24.43		
Wind				
Total	6.85	113.27	0	0
Total	6.85	113.27		
CPP				
APML(Mus)	69.08	1115.20	0	0
JSWEL(Mus)	18.87	315.28	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.41	126.56	0	0
Total	95.36	1607.01		
SOLAR				
Total	5.30	86.61	0	0
Total	5.30	86.61		
Tata				
Trombay 5	8.44	139.36	484	291
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	42.50	117	89
Trombay 7B	1.57	24.62	67	58
Trombay 8	4.78	76.19	201	198
TATA Hydro	2.95	64.41	261	5
Total	20.47	347.07		
AEML				
DTPS U-1&2	9.46	157.61	500	371
Total	9.46	157.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.50	1682.55	MSPGCL Total	149.12	1946.88
			MSPGCL Thml+Gas	143.70	1811.74	Koyna 1,2 & 4 Total	3.46	90.53
			MSPGCL Hydro	5.42	135.14	State Total	286.56	4258.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Nov/2019

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	5079	56	434	5569	331	3721	0	0	4763	4583	-1233	12971	0	12971	2298	15269	50.07
2	5072	51	435	5558	338	3721	0	0	4375	4258	-1050	12825	0	12825	2116	14941	50.00
3	5122	51	433	5606	348	3656	0	0	4228	4145	-932	12823	0	12823	1996	14819	50.04
4	5127	81	433	5641	359	3382	0	0	4092	4270	-895	12757	0	12757	1919	14676	50.02
5	5136	61	434	5631	333	3532	0	0	4429	4582	-871	13207	0	13207	1884	15091	50.01
6	5401	56	443	5900	304	3993	0	0	5067	5249	-917	14529	0	14529	1945	16474	49.99
7	5864	614	435	6913	327	4155	0	16	5212	5076	-801	15686	0	15686	2028	17714	49.95
8	5965	689	434	7088	286	4169	0	114	5319	5368	-788	16237	0	16237	2149	18386	50.02
9	6013	283	434	6730	289	4194	0	362	5568	5500	-939	16136	0	16136	2380	18516	50.04
10	5975	113	416	6504	313	4135	0	594	5920	5969	-1283	16232	0	16232	2672	18904	50.03
11	5523	156	423	6102	317	4106	0	761	6263	6222	-1575	15933	0	15933	2896	18829	49.99
12	5500	209	404	6113	315	4048	0	836	6431	6468	-1655	16125	0	16125	2987	19112	50.00
13	5643	70	418	6132	298	4100	0	857	6443	6081	-1625	15842	0	15842	2945	18788	50.04
14	5275	150	406	5832	255	3999	0	716	6402	6397	-1575	15624	0	15624	2844	18468	50.02
15	5630	570	413	6614	203	4029	0	558	6306	6205	-1553	16056	0	16056	2861	18916	49.93
16	5955	366	406	6728	166	4134	0	329	6186	6188	-1562	15982	0	15982	2877	18860	49.97
17	6249	232	428	6908	159	4176	0	130	6006	5898	-1444	15828	0	15828	2835	18662	50.02
18	6263	204	411	6878	172	4176	0	27	5836	5670	-1333	15590	0	15590	2808	18398	50.02
19	6210	536	423	7168	242	4236	0	0	5835	6103	-1295	16454	0	16454	2874	19328	50.04
20	5879	320	425	6624	248	4181	0	0	5906	5905	-1379	15580	0	15580	2793	18372	50.03
21	5222	124	427	5774	302	4054	0	0	5895	5973	-1466	14636	0	14636	2687	17324	50.00
22	5154	86	439	5678	297	3898	0	0	5790	5823	-1417	14280	0	14280	2564	16844	49.97
23	5133	216	418	5766	303	3783	0	0	5298	5379	-1409	13822	0	13822	2493	16316	49.89
24	5113	126	428	5666	346	3777	0	0	5110	5169	-1387	13572	0	13572	2463	16034	50.01
MUs	133.50	5.42	10.20	149.12	6.85	95.36	0.00	5.30	132.68	132.48	-30.38	358.73	0.00	358.73	60.31	419.04	50.00

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/Nov/2019

Position as on 6.30 Hrs of 17/Nov/2019

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	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Nasik Unit 5	210	02/11/2019	10.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 19.05Hrs DT.03-11-2019)	
MSPGCL	Uran Unit 8	108	06/11/2019	19.23		Continued.	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Nov/2019

Position as on 6.30 Hrs of 17/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	JSW (J) U3	300	10/11/2019	18.16		Continued.	Zero schedule.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 9	660	17/11/2019	19.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 17/Nov/2019

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	12/11/2019	17.50	16/11/2019	09.10	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/11/2019	17.58		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	15/11/2019	06.38	16/11/2019	15.53	T	R Phase CT Burst at Nagothane and Main Bus I&II operated <u>alongwith Bus Coupler.</u>
Dhule- Bableshwar - I	IntraState	15/11/2019	20.18	16/11/2019	08.02	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	15/11/2019	23.48		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	16/11/2019	08.57	16/11/2019	22.57	PO	Relay Replacement Work.
Babhaleshwar - Padghe-II	IntraState	16/11/2019	11.17	16/11/2019	16.04	EO	Shifted On TBC At Padgha End.
Khadka-Aurangabad (Waluj)	IntraState	16/11/2019	17.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	16/11/2019	09.36	16/11/2019	19.55	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	17/11/2019	09.36	17/11/2019	17.20	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Boisar(MS) - Boisar (PG) II	InterState	17/11/2019	09.08	17/11/2019	20.10	PO	Construction work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	15/11/2019	10.58	16/11/2019	10.09	PO	Stringing of OPGW
Trombay - Mulund	IntraState	15/11/2019	20.08	16/11/2019	11.19	PO	Tower Piling Work.
Pusad-Ghatodi	IntraState	16/11/2019	08.07	16/11/2019	12.04	PO	Routine Maintenance Work
Ghatghar - Jindal	IntraState	16/11/2019	09.00	16/11/2019	15.06	PO	Earth wire Replacement.
Washala - Ghatghar	IntraState	16/11/2019	09.30	16/11/2019	17.45	PO	Earth wire Replacement.
Talandage - Sawantwadi I	IntraState	16/11/2019	09.47	16/11/2019	13.15	PO	Replacement Of Faulty Disc Insulator.
Bhugaon-WardhaPG (Deoli)	IntraState	16/11/2019	10.22	16/11/2019	17.57	PO	Tan Delta Measurement Replacement Work.
Chinchwad-Hinjewadi I	IntraState	16/11/2019	11.28	16/11/2019	19.41	HT	To Control Loading.
Mumewadi -Halkarni ckt-I	IntraState	16/11/2019	11.32	16/11/2019	13.04	PO	R.M. Work CB Timing, CRM Testing R.M Work.
Akola-Paras Ckt No-I	IntraState	16/11/2019	11.36	16/11/2019	17.47	PO	TNC Switch Replacement Work.
CHAKAN (400 KV)- Chinchwad2	IntraState	16/11/2019	11.54	16/11/2019	19.04	PO	Rplacement Of Insulator.
Mumewadi -Halkarni ckt-II	IntraState	16/11/2019	14.26	16/11/2019	16.46	PO	R.M. Work CB Timing, CRM Testing R.M Work.
Trombay - Mulund	IntraState	16/11/2019	19.59		Continued.	PO	Piling work At LOC 5 Completed.
Nalasopara-Boisar	IntraState	17/11/2019	07.48	17/11/2019	19.10	PO	Stringing of Earthwire
Boisar Versova Line	IntraState	17/11/2019	09.30	17/11/2019	20.26	HT	To control Load
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	16/11/2019	09.36	16/11/2019	19.55	PO	Routine Maintenance Work
100 MVA ICT I at Kandalgaon	IntraState	16/11/2019	10.47	16/11/2019	14.05	EO	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 16/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 17/Nov/2019

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 Vijay lct 1 @Chalisgaon	IntraState	17/11/2019	01.08	17/11/2019	11.44	HT	All Lamp on CTR panel are Blink