

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.915	2096.411	1) Gujrat	-1.443	-25.574
2) Hydro	2.882	84.635	2) Madhya Pradesh	11.389	170.301
3) Gas	7.165	101.801	3) Chattisgarh	7.340	110.450
Total MSPGCL	140.962	2282.847	4) Maharashtra Net	117.065	2050.963
B) 1) APML	69.524	1052.605	5) Goa (Amona)	-0.704	-7.524
2) JSWEL	22.664	403.567	Total	133.647	2298.616
3) VIPL	5.060	86.961	a) Mumbai Schedule	25.314	349.498
4) RPL(AMT)	11.040	99.347	b) Mumbai Drawl	28.713	459.762
5) WPCL	1.980	75.200	c) MSEDCL Bilateral *	61.872	801.094
6) PGPL	0.000	0.000	Include PX	25.020	239.050
7) Other IPP	14.338	206.260	d) Mumbai Bilateral *	23.682	337.313
C) 1) TPCL Thermal	12.393	215.221	Include PX	8.494	91.442
2) TPCL Hydro	3.796	52.720	Include Standby	1.633	12.185
3) TPCL Gas	4.411	69.653	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.446	154.390	1) MSEDCL	388.071	6248.469
D) STATE			2) Mumbai Discoms	58.758	951.744
1) Thermal	277.360	4389.962	TOTAL STATE	446.829	7200.213
(A1+C1+C4+(B1-B6))					
2) Hydro	6.678	137.355			
(A2+C2)					
3) Gas	11.576	171.454			
(A3+B6+C3)					
4) Wind	11.545	113.520			
6) SOLAR	6.024	89.308			
TOTAL STATE	313.183	4901.599			

* 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 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5673	5697	5551	5188
MSPGCL Hydro	202	153	86	88
MSPGCL Gas	282	290	287	306
MSPGCL Total Generation	6157	6140	5924	5582
Central Sector Receipt	7091	6918	5606	4028
WIND	534	396	152	926
CPP / IPP Thermal	5569	5544	5536	4447
CPP / IPP Gas	0	0	0	0
SOLAR	907	887	8	0
Exchange with Mumbai	-1463	-1439	-1402	-1069
MSEDCL DEMAND MET	18795	18446	15824	13914
Load Shedding	0	0	0	0
MSEDCL DEMAND	18795	18446	15824	13914
TPCL GENERATION	1009	1063	1067	700
R-INFRA GENERATION	502	451	376	375
MUMBAI DEMAND	2974	2953	2845	2144
STATE DEMAND MET	21769	21399	18669	16058
STATE DEMAND	21769	21399	18669	16058
Frequency (Hz)	50.00	49.98	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 12.01 Hrs	49.82 Hz at 06.14 Hrs	49.97	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.80	3.62	150	0
Unit 7	0.00	0.00	0	0
Unit 8	7.12	119.93	303	278
Unit 9	7.62	128.75	352	292
Unit 10	7.14	125.84	301	276
Total	22.69	378.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.48	137.33	360	345
Unit 5	8.51	136.22	360	350
Total	16.98	273.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	74.20	250	195
Unit 7	0.00	0.00	0	0
Unit 8	5.23	76.90	249	188
Total	10.56	151.09		
Chandrapur				
Unit 3	4.15	8.29	193	155
Unit 4	0.00	0.00	0	0
Unit 5	9.58	149.71	425	355
Unit 6	9.18	153.26	400	350
Unit 7	9.47	150.36	425	360
Unit 8	9.22	154.22	447	0
Unit 9	9.96	158.50	450	360
Total	51.56	774.34		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	75.41	0	0
Total	0.00	75.41		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.08	63.75	180	160
Unit 3	3.16	65.35	192	0
Unit 4	4.42	66.88	210	158
Unit 5	10.16	126.46	475	381
Total	21.82	322.43		
Nasik				
Unit 3	2.17	58.04	158	0
Unit 4	3.84	62.11	171	146
Unit 5	1.28	1.28	170	0
Total	7.30	121.43		
Uran				
All Units	7.16	101.80	322	268
Total	7.16	101.80		
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)	0.08	1.56	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.56		
Koyna				
Stage 1-2	1.02	25.60	50	30
Stage 4	0.00	12.28	0	0
Stage 3	0.18	8.45	80	0
Total	1.20	46.32		
Hydro				
KDPH	0.44	9.76	19	18
VTRNA	0.48	7.12	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.58	63	0
RNGR+BHTSA	0.35	6.15	15	6
BHANDARDRA	0.21	4.62	12	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	3.64	13	2
GHATGHAR	0.00	4.44	0	0
Total	1.69	38.31		
Wind				
Total	11.54	113.52	0	0
Total	11.54	113.52		
CPP				
APML(Mus)	69.52	1052.60	0	0
JSWEL(Mus)	22.66	403.57	0	0
VIPL(Mus)	5.06	86.96	0	0
RPLAMT(Mus)	11.04	99.35	0	0
WPCL(Mus)	1.98	75.20	0	0
Other(Mus)	14.34	206.26	0	0
Total	124.61	1923.94		
SOLAR				
Total	6.02	89.31	0	0
Total	6.02	89.31		
Tata				
Trombay 5	7.44	134.28	317	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	44.29	118	115
Trombay 7B	1.61	25.36	68	66
Trombay 8	4.96	80.95	225	200
TATA Hydro	3.80	52.72	370	0
Total	20.60	337.59		
R-INFRA				
DTPS U-1&2	9.45	154.39	503	375
Total	9.45	154.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.92	2096.41	MSPGCL Total	140.96	2282.85
			MSPGCL Thml+Gas	138.08	2198.21	Koyna 1,2 & 4 Total	1.02	37.88
			MSPGCL Hydro	2.88	84.64	State Total	313.18	4901.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5188	88	306	5582	926	4447	0	0	4039	4028	-1069	13914	0	13914	2144	16058	49.98
2	5196	88	309	5593	934	4437	0	0	4177	4160	-900	14224	0	14224	1980	16204	50.00
3	5203	93	310	5606	879	4415	0	0	4098	4474	-780	14594	0	14594	1857	16451	49.98
4	5203	88	322	5613	766	4479	0	0	4378	4570	-700	14728	0	14728	1776	16504	49.97
5	5419	93	310	5822	722	4656	0	0	4722	4920	-686	15434	0	15434	1761	17195	49.95
6	5594	93	313	6000	840	4913	0	0	5103	5263	-742	16274	0	16274	1820	18094	49.95
7	5774	97	310	6181	838	5306	0	11	5280	5404	-827	16913	0	16913	1903	18816	49.94
8	5724	173	313	6210	696	5519	0	152	5639	5965	-908	17634	0	17634	2057	19691	49.99
9	5714	217	309	6240	621	5546	0	438	6137	5877	-1126	17596	0	17596	2342	19938	49.96
10	5715	225	303	6243	781	5560	0	616	6467	6282	-1289	18193	0	18193	2673	20866	49.96
11	5695	220	286	6201	714	5568	0	775	7056	6887	-1445	18700	0	18700	2908	21608	50.00
12	5673	202	282	6157	534	5569	0	907	7212	7091	-1463	18795	0	18795	2974	21769	50.00
13	5697	153	290	6140	396	5544	0	887	6741	6918	-1439	18446	0	18446	2953	21399	49.98
14	5736	156	268	6160	252	5528	0	816	6413	6614	-1450	17920	0	17920	2836	20756	50.01
15	5600	152	278	6030	232	5551	0	682	6405	6692	-1508	17679	0	17679	2880	20559	49.97
16	5607	97	277	5981	179	5517	0	489	6220	5807	-1528	16445	0	16445	2902	19347	49.97
17	5632	78	293	6003	127	5552	0	211	5845	5702	-1499	16096	0	16096	2880	18976	49.95
18	5640	83	284	6007	133	5627	0	32	5483	5287	-1429	15657	0	15657	2830	18487	49.94
19	5551	86	287	5924	152	5536	0	8	5552	5606	-1402	15824	0	15824	2845	18669	50.00
20	5462	76	301	5839	157	5576	0	0	5539	5473	-1392	15653	0	15653	2735	18388	49.99
21	5110	81	292	5483	123	5265	0	0	5334	5164	-1368	14667	0	14667	2591	17258	49.95
22	5124	81	306	5511	150	4933	0	0	5285	5108	-1324	14378	0	14378	2471	16849	50.02
23	4925	81	307	5313	144	4788	0	0	4997	5145	-1262	14128	0	14128	2365	16493	49.95
24	4733	81	309	5123	249	4775	0	0	5004	5210	-1177	14180	0	14180	2276	16456	49.96
MUs	130.91	2.88	7.16	140.96	11.55	124.61	0.00	6.02	133.13	133.65	-28.71	388.07	0.00	388.07	58.76	446.83	49.97

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/2018

Position as on 6.30 Hrs of 17/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	Khaparkhedha 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	
IPP	VIPL U-1	300	17/10/2018	12.30		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15	16/11/2018	14.04	Coal Swapping with DIL.	
MSPGCL	Chandrapur Unit 4	210	04/11/2018	18.45		Continued.	Poor Coal Receipt	
MSPGCL	Koradi Unit 6	210	11/11/2018	19.58	16/11/2018	15.29	Unit Auxiliary Transformer Bus Trip.	
MSPGCL	Paras Unit 4	250	16/11/2018	00.00		Continued.	Boiler Tube Leakage	
IPP	SWPGL U-2	135	16/11/2018	00.00		Continued.	No PPA	
MSPGCL	Koradi Unit 6	210	16/11/2018	16.24	16/11/2018	16.39	On UAT overcurrent.	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Khaparkhedha 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	
MSPGCL	Chandrapur Unit 6	500	17/11/2018	06.06		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 17/Nov/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	14/11/2018	21.34	16/11/2018	07.55	HT	Over Voltage
Dhule Khandwa II	InterState	15/11/2018	13.51	16/11/2018	07.36	PO	Line outage required for end to end checking
Dhule Sar'Sarovar I	InterState	16/11/2018	17.34		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/11/2018	13:38	16/11/2018	07.11	T	Bus Reactor caught Fire and Control Cable Burnt.
Chandrapur - Khaperkheda	IntraState	16/11/2018	07.49		Continued.	PO	Disc Insulator Replacement Work
Parly(MS)- Nanded ckt I	IntraState	16/11/2018	09.08	16/11/2018	16.40	PO	Disc Replacement Work At LOC No 843.
Koradi III(Adani)-Koradi II ckt 2	IntraState	16/11/2018	10.15	16/11/2018	20.02	PO	Carrying out signature test.
Khadka-Aurangabad (Waluj)	IntraState	16/11/2018	18.40		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
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	16/11/2018	11.10	16/11/2018	14.54	T	Attending Oil Leakage
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	16/11/2018	11.10	16/11/2018	14.54	PO	Routine Maintenance Work
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.
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-II	IntraState	16/11/2018	09.20	16/11/2018	19.28	HT	To control overload of Akola ICT.
Kalwa - Airoli Knowledge Park	IntraState	16/11/2018	09.40	16/11/2018	17.05	PO	Testing & Maintenance Work.
Padghe - Jambhul 1	IntraState	16/11/2018	09.52	16/11/2018	18.23	PO	Replacement Of Y-PH CT.
Butibori-Butibori Rly Tss	IntraState	16/11/2018	10.15	16/11/2018	20.02	PO	Breaker overhaul.
Raymond - Washala	IntraState	16/11/2018	10.20	16/11/2018	14.43	EO	Attending Hot Spot
Nagothane - Posco	IntraState	16/11/2018	10.25	16/11/2018	18.55	EO	Nut Bolt Tightening/ Tree cutting.
Pusad - Hingoli	IntraState	16/11/2018	13.34	16/11/2018	16.22	HT	Facilitating outage on Wardha Yeotmal outage.
Nanded-Parbhani	IntraState	16/11/2018	13.52	16/11/2018	15.45	HT	Facilitating outage on Wardha - Yeotmal line.
Wardha-Yeotmal	IntraState	16/11/2018	14.07	16/11/2018	15.29	PO	Attending Hot Spot
Karad - Kadegaon	IntraState	16/11/2018	15.16	16/11/2018	15.45	PO	Take Trials On Own Breaker For Testing.
Butibori - Purti	IntraState	16/11/2018	20.45	16/11/2018	21.03	T	Distance Protection
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.

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/2018

Statement-VII

Position as on 6.30 Hrs of 17/Nov/2018

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 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.