

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Nov/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.973	2202.154	1) Gujrat	2.677	43.850
2) Hydro	5.462	164.230	2) Madhya Pradesh	4.363	167.520
3) Gas	10.430	159.116	3) Chattisgarh	5.260	99.920
Total MSPGCL	127.865	2525.500	4) Maharashtra Net	85.579	1652.954
B) 1) APML	50.091	966.940	5) Goa	-4.912	-117.704
2) JSWEL	19.940	370.517	6) TAPS 1&2 Injection	3.555	63.636
3) VIPL	10.358	177.159	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.722	431.044	8) Pench (MS)	0.292	11.168
5) WPCL	5.050	90.719	9) Pench (Excess)	-0.292	-11.168
6) Other IPP	8.181	104.386	Total	96.230	1899.008
C) 1) TPCL Thermal	15.227	280.843	a) Mumbai Schedule	19.655	366.559
2) TPCL Hydro	2.832	34.936	b) Mumbai Drawl	27.177	472.891
3) TPCL Gas	3.650	61.945	c) MSEDCL Bilateral *	23.255	430.213
4) R-INFRA Thermal	10.252	193.220	Include PX	-1.519	6.505
D) STATE			d) Mumbai Bilateral *	19.655	366.559
1) Thermal	254.794	4816.982	Include PX	1.427	58.656
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.294	199.166	H) ENERGY CATERED (MUs)		
3) Gas	14.080	221.061	1) MSEDCL	340.052	6271.307
4) Wind	24.590	158.615	2) Mumbai Discoms	59.134	1043.828
6) SOLAR	1.202	20.310	TOTAL STATE	399.186	7315.135
TOTAL STATE	302.960	5416.134			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4767	4761	4860	4411
MSPGCL Hydro	379	143	257	141
MSPGCL Gas	424	411	420	451
MSPGCL Total Generation	5570	5315	5537	5003
Central Sector Receipt	4554	5053	4682	3136
WIND	1462	699	780	974
CPP / IPP	5484	5206	4982	4479
SOLAR	158	106	0	0
Exchange with Mumbai	-1250	-1177	-1367	-739
MSEDCL DEMAND MET	15978	15202	14614	12853
Load Shedding	122	38	16	24
MSEDCL DEMAND	16100	15240	14630	12877
TPCL GENERATION	1146	1201	1163	652
R-INFRA GENERATION	514	510	400	405
MUMBAI DEMAND	2910	2888	2930	1796
STATE DEMAND MET	18888	18090	17544	14649
STATE DEMAND	19010	18128	17560	14673
Frequency (Hz)	50.00	49.93	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 21.53 Hrs	49.73 Hz at 18.51 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 18/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.92	11.11	125	0
Unit 6	0.00	0.00	0	0
Unit 7	3.69	51.89	166	140
Total	5.62	63.00		
Bhusawal				
Unit 2	2.11	53.54	160	0
Unit 3	3.62	51.40	180	0
Unit 4	10.71	191.18	500	395
Unit 5	11.05	186.15	500	400
Total	27.49	482.28		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	56.56	136	121
Unit 3	4.06	65.24	196	140
Unit 4	4.16	78.51	190	165
Unit 5	5.33	158.98	405	0
Unit 6	9.01	170.35	410	350
Unit 7	9.77	174.40	440	395
Total	35.44	704.04		
Paras				
Unit 3	4.47	91.41	212	124
Unit 4	0.00	87.02	0	0
Total	4.47	178.43		
Khaparkheda				
Unit 1	3.80	67.08	165	150
Unit 2	3.76	65.98	165	145
Unit 3	4.40	53.93	192	174
Unit 4	3.86	62.12	171	152
Unit 5	9.53	178.52	453	350
Total	25.34	427.63		
Nasik				
Unit 3	4.56	60.06	195	185
Unit 4	4.42	80.92	190	179
Unit 5	4.63	78.72	198	187
Total	13.61	219.70		
Uran				
All Units	10.43	159.12	460	411
Total	10.43	159.12		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.29	11.17	40	0
Total	0.29	11.17		
Koyna				
Stage 1-2	1.24	52.88	205	40
Stage 4	0.18	28.32	122	0
Stage 3	0.39	17.84	80	0
Total	1.80	99.04		
Hydro				
KDPH	0.65	10.33	27	26
VTRNA	0.45	9.12	61	0
TILLARI	0.15	0.76	52	0
BHTGR/VEER	0.09	0.12	4	3
BHIRA T.R.	0.08	1.61	49	0
RNGR+BHTSA	0.28	4.42	16	2
BHANDARDRA	0.48	8.01	35	12
ELDARY	0.15	0.15	12	0
SMLHY_PTN	0.76	10.42	39	29
GHATGHAR	0.56	20.24	125	0
Total	3.66	65.18		
Wind				
Total	24.59	158.62	0	0
Total	24.59	158.62		
CPP				
APML(Mus)	50.09	966.94	0	0
JSWEL(Mus)	19.94	370.52	0	0
VIPL(Mus)	10.36	177.16	0	0
RPLAMT(Mus)	23.72	431.04	0	0
WPCL(Mus)	5.05	90.72	0	0
Other(Mus)	8.18	104.39	0	0
Total	117.34	2140.76		
SOLAR				
Total	1.20	20.31	0	0
Total	1.20	20.31		
Tata				
Trombay 5	9.61	180.55	474	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	37.14	115	76
Trombay 7B	1.44	24.81	68	55
Trombay 8	5.62	100.29	250	199
TATA Hydro	2.83	34.94	324	0
Total	21.71	377.72		
R-INFRA				
1-2	10.25	193.22	516	400
Total	10.25	193.22		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.97	2202.15
MSPGCL Thml+Gas	122.40	2361.27

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.46	164.23
MSPGCL Total	127.86	2525.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.41	81.20
State Total	302.96	5416.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Nov/2015

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													
1	4347	135	450	4932	950	4478	0	3842	3885	-1100	13145	25	13170	2147	15317	50.02
2	4360	146	450	4956	1015	4476	0	3709	3223	-920	12750	17	12767	1972	14739	50.01
3	4431	141	451	5023	974	4480	0	3263	3198	-816	12859	24	12883	1865	14748	50.00
4	4411	141	451	5003	974	4479	0	3245	3136	-739	12853	24	12877	1796	14673	49.99
5	4405	131	450	4986	934	4511	0	3332	3661	-701	13391	24	13415	1770	15185	49.95
6	4462	119	450	5031	904	4663	0	4161	3705	-761	13542	32	13574	1832	15406	49.93
7	4555	440	459	5454	1002	4926	0	3788	3781	-764	14399	65	14464	1901	16365	49.90
8	4529	341	451	5321	933	5434	22	4445	4442	-781	15371	113	15484	2036	17520	49.99
9	4538	374	448	5360	971	5457	79	4755	4745	-1053	15559	154	15713	2324	18037	49.89
10	4674	478	425	5577	1193	5478	132	4872	5078	-1297	16161	116	16277	2700	18977	49.95
11	4767	379	424	5570	1462	5484	158	4887	4554	-1250	15978	122	16100	2910	19010	50.00
12	4899	219	416	5534	1400	5354	176	4949	4201	-1311	15354	105	15459	2962	18421	49.96
13	4992	218	420	5630	1130	4959	199	4889	4439	-1441	14916	85	15001	2959	17960	49.89
14	4980	293	417	5690	881	4955	147	4786	4480	-1306	14847	47	14894	2831	17725	50.01
15	4728	160	412	5300	737	5008	134	4812	4732	-1262	14649	34	14683	2859	17542	49.99
16	4761	143	411	5315	699	5206	106	4860	5053	-1177	15202	38	15240	2888	18128	49.93
17	4817	143	415	5375	698	5300	45	4739	4587	-1206	14799	30	14829	2884	17713	49.96
18	4774	206	418	5398	648	5061	4	3893	3585	-1192	13504	29	13533	2818	16351	49.91
19	4860	257	420	5537	780	4982	0	4712	4682	-1367	14614	16	14630	2930	17560	49.96
20	4789	298	425	5512	917	4991	0	4852	4380	-1451	14349	16	14365	2866	17231	50.01
21	4712	200	428	5340	1151	4588	0	4673	4044	-1440	13683	16	13699	2699	16398	50.03
22	4700	200	442	5342	1348	4468	0	3989	3093	-1359	12892	16	12908	2490	15398	50.03
23	4729	149	437	5315	1455	4321	0	3139	2842	-1286	12647	16	12663	2400	15063	50.00
24	4753	151	460	5364	1434	4283	0	2771	2704	-1197	12588	16	12604	2299	14903	50.01
MUs	111.97	5.46	10.43	127.86	24.59	117.34	1.20	101.36	96.23	-27.18	340.05	1.18	341.23	59.14	400.37	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 18/Nov/2015

Position as on 6.30 Hrs of 19/Nov/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
IPP	JSW (J) U4	300	05/11/2015	21.58		Continued.	Turbine Bearing Inspection.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Paras Unit 4	250	17/11/2015	19.24	19/11/2015	01.21	Air Heater Problem	
MSPGCL	Chandrapur Unit 5	500	17/11/2015	21.13	18/11/2015	05.35	Condenser Pressure High.	
MSPGCL	Koradi Unit 5	200	18/11/2015	06.26	18/11/2015	11.53	Rotor Earth Fault	
MSPGCL	Chandrapur Unit 5	500	18/11/2015	06.35	18/11/2015	09.22	Electro-Hydraulic Governer problem	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
MSPGCL	Bhusawal Unit 3	210	18/11/2015	13.54	18/11/2015	17.22	Bus Bar Prot.operated at Bhusawal-I	
MSPGCL	Bhusawal Unit 2	210	18/11/2015	13.54	19/11/2015	01.59	Bus Bar Prot.operated at Bhusawal-I	
MSPGCL	Nasik Unit 4	210	19/11/2015	02.05		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2015

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							
Dhule Sar'Sarovar I	InterState	17/11/2015	08.51	18/11/2015	06.33	PO	PMM work at Dhule end (RFC 18.47Hrs)
Dabhol Nagothane I	InterState	17/11/2015	13.40	18/11/2015	09.46	T	Distance Protection(RFC 16.20Hrs)
Kolhapur Solapur(PG) I	InterState	17/11/2015	21.58	18/11/2015	06.22	HT	Over Voltage
Dabhol Nagothane II	InterState	18/11/2015	11.33		Continued.	T	Distance Protection(RFC 19.25Hrs)
Dhule Khandwa I	InterState	18/11/2015	13.25	19/11/2015	06.25	PO	Work at Khandwa end
Dhule Sar'Sarovar I	InterState	18/11/2015	19.55	19/11/2015	06.39	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	18/11/2015	21.47		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Karad-Jaigad - I	IntraState	09/11/2015	16.04		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42		Continued.	EO	Attend hot spot RFC 14.42 12/11/2015
karad -kolhapur-I	IntraState	16/11/2015	16.40	18/11/2015	08.52	HT	Over Voltage.
Bhusawal-Aurangabad	IntraState	17/11/2015	17.16	18/11/2015	06.48	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/11/2015	21.18	18/11/2015	08.52	HT	Over Voltage
karad -kolhapur-II	IntraState	18/11/2015	16.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/11/2015	17.18		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/11/2015	20.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	18/11/2015	08.08	18/11/2015	16.17	T	Tripped On Bucholz Indication.
400/220kv 315 Mva ICT III @Karad	IntraState	18/11/2015	10.27	18/11/2015	16.51	PO	Testing Work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	18/11/2015	16.37	18/11/2015	17.22	PO	OLTC Conservator Oil topup
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Trombay Salsette 1 Backbay	IntraState	18/11/2015	05.16	18/11/2015	12.09	PO	Conductor Upgrading Work for Kalwa-Salsette-4
Butibori-Inox	IntraState	18/11/2015	07.18	18/11/2015	17.45	PO	Erection of Metering CT and PT
Jamde-Dondaicha 2	IntraState	18/11/2015	10.48	18/11/2015	18.38	PO	Testing Work
Tilawani-Talandge-I	IntraState	18/11/2015	10.54	18/11/2015	17.24	PO	Testing Work
Valve-Jamde	IntraState	18/11/2015	12.28	18/11/2015	16.22	PO	Testing Work
Pedambe-Pophali	IntraState	18/11/2015	14.00	18/11/2015	16.30	PO	CT Oil Leakage
Pophli Pedhmbe Line- 1	IntraState	19/11/2015	04.55		Continued.	HT	Heavy Sparking (B phase Conductor Snapped)
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	18/11/2015	09.35	18/11/2015	13.58	PO	Attending Oil Leakage
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	18/11/2015	10.02	18/11/2015	14.30	PO	To attend Hot Spot
132 KV LINE Outages/Trippings							

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 18/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed(220kv) -Telgaon	IntraState	18/11/2015	03.45	18/11/2015	04.40	T	Distance Protection
Khadka-Deepnagar Ckt-1	IntraState	18/11/2015	10.01	18/11/2015	12.34	PO	Tan Delta Measurment of CTs
Khadka-Deepnagar Ckt-2	IntraState	18/11/2015	13.25	18/11/2015	14.19	PO	Tan Delta Measurment of CTs
Khadka-Deepnagar Ckt-1	IntraState	18/11/2015	13.53	18/11/2015	16.59	T	B phase Breaker Pole Burst at Deepnagar(Ckt charged through TBC)
Bhusawal - Yaval	IntraState	18/11/2015	13.54	18/11/2015	14.54	T	Bus Bar Prot.operated at Bhusawal-I
Deepnagar (Gcr) - Supreme	IntraState	18/11/2015	13.54	18/11/2015	17.49	T	Bus Bar Prot.operated at Bhusawal-I
Deepnagar- Jalgaon-1	IntraState	18/11/2015	13.54	18/11/2015	17.41	T	Bus Bar Prot.operated at Bhusawal-I
Deepnagar(Gcr) -New Midc Jalgaon	IntraState	18/11/2015	13.54	18/11/2015	14.52	T	Bus Bar Prot.operated at Bhusawal-I
Deepnagar- Nimbhora	IntraState	18/11/2015	13.54	18/11/2015	14.45	T	Bus Bar Prot.operated at Bhusawal-I

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