

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.541	3396.355	1) Gujrat	-0.605	1.101
2) Hydro	20.715	263.726	2) Madhya Pradesh	12.774	338.251
3) Gas	9.882	293.553	3) Chattisgarh	8.170	219.210
Total MSPGCL	136.138	3953.634	4) Maharashtra Net	141.250	3568.698
B) 1) APML	37.301	1383.052	5) Goa (Amona)	-1.012	-23.474
2) JSWEL	16.514	645.165	Total	160.577	4103.786
3) VIPL	7.339	349.095	a) Mumbai Schedule	22.262	599.474
4) RPL(AMT)	12.282	381.044	b) Mumbai Drawl	24.932	727.505
5) WPCL	4.020	37.411	c) MSEDCL Bilateral *	53.193	1254.021
6) PGPL	0.000	0.000	Include PX	17.479	220.158
7) Other IPP	11.243	306.895	d) Mumbai Bilateral *	22.262	599.474
C) 1) TPCL Thermal	10.390	366.558	Include PX	9.387	96.040
2) TPCL Hydro	5.671	111.716	Include Standby	0.000	0.000
3) TPCL Gas	4.061	122.931	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.534	301.104	1) MSEDCL	369.114	10713.557
D) STATE			2) Mumbai Discoms	55.588	1629.816
1) Thermal	215.164	7166.679	TOTAL STATE	424.702	12343.373
(A1+C1+C4+(B1-B6))					
2) Hydro	26.386	375.442			
(A2+C2)					
3) Gas	13.943	416.484			
(A3+B6+C3)					
4) Wind	5.235	188.898			
6) SOLAR	3.397	92.082			
TOTAL STATE	264.125	8239.585			

* 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	4118	4103	4429	4344
MSPGCL Hydro	1702	1463	1413	63
MSPGCL Gas	415	395	369	461
MSPGCL Total Generation	6235	5961	6211	4868
Central Sector Receipt	8104	8506	6536	5285
WIND	204	173	263	187
CPP / IPP Thermal	4025	3972	4074	3149
CPP / IPP Gas	0	0	0	0
SOLAR	512	487	0	0
Exchange with Mumbai	-1226	-1191	-1191	-1004
MSEDCL DEMAND MET	17854	17908	15893	12485
Load Shedding	0	0	0	0
MSEDCL DEMAND	17854	17908	15893	12485
TPCL GENERATION	1123	1111	1104	496
R-INFRA GENERATION	503	503	501	376
MUMBAI DEMAND	2852	2805	2796	1876
STATE DEMAND MET	20706	20713	18689	14361
STATE DEMAND	20706	20713	18689	14361
Frequency (Hz)	49.95	49.94	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.57 Hrs	49.77 Hz at 16.23 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 29/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.72	11.72	165	125
Unit 8	0.00	46.46	0	0
Unit 9	12.72	242.02	594	460
Unit 10	1.52	325.21	340	0
Total	17.96	625.40		
Bhusawal				
Unit 3	0.05	0.05	45	0
Unit 4	10.26	252.94	460	350
Unit 5	10.45	255.30	480	350
Total	20.76	508.29		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.58	77.05	250	189
Unit 7	5.04	58.23	238	166
Unit 8	4.16	105.54	190	164
Total	14.78	240.82		
Chandrapur				
Unit 3	4.46	11.80	190	163
Unit 4	4.35	12.72	189	166
Unit 5	0.00	3.20	0	0
Unit 6	9.36	265.66	400	343
Unit 7	0.00	216.33	0	0
Unit 8	0.00	240.75	0	0
Unit 9	8.68	257.36	460	0
Total	26.86	1007.82		
Paras				
Unit 3	3.64	149.72	192	0
Unit 4	3.47	151.96	197	0
Total	7.11	301.68		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	0.42	73.67	115	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	91.69	0	0
Unit 5	10.41	250.58	455	359
Total	10.83	480.82		
Nasik				
Unit 3	3.04	47.86	182	0
Unit 4	4.20	120.76	184	160
Unit 5	0.00	62.90	0	0
Total	7.25	231.53		
Uran				
All Units	9.88	293.55	461	363
Total	9.88	293.55		
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)	0.17	3.43	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	3.43		
Koyna				
Stage 1-2	4.66	94.50	430	40
Stage 4	10.52	69.72	910	0
Stage 3	3.43	36.54	240	0
Total	18.61	200.76		
Hydro				
KDPH	0.00	9.11	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.38	8.69	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	6.70	80	0
RNGR+BHTSA	0.34	10.99	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	13.93	9	8
GHATGHAR	0.87	13.27	125	0
Total	2.11	62.97		
Wind				
Total	5.24	188.90	0	0
Total	5.24	188.90		
CPP				
APML(Mus)	37.30	1383.05	0	0
JSWEL(Mus)	16.51	645.16	0	0
VIPL(Mus)	7.34	349.10	0	0
RPLAMT(Mus)	12.28	381.04	0	0
WPCL(Mus)	4.02	37.41	0	0
Other(Mus)	11.24	306.90	0	0
Total	88.70	3102.66		
SOLAR				
Total	3.40	92.08	0	0
Total	3.40	92.08		
Tata				
Trombay 5	10.39	273.11	489	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	77.37	115	72
Trombay 7B	1.54	45.56	67	54
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.67	111.72	459	0
Total	20.12	601.20		
R-INFRA				
DTPS U-1&2	10.53	301.10	503	251
Total	10.53	301.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.54	3396.36	MSPGCL Total	136.14	3953.63
			MSPGCL Thml+Gas	115.42	3689.91	Koyna 1,2 & 4 Total	15.18	164.22
			MSPGCL Hydro	20.72	263.73	State Total	264.12	8239.58

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Nov/2017

Annexure-2

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	4344	63	461	4868	187	3149	0	0	5329	5285	-1004	12485	0	12485	1876	14361	50.01
2	4376	88	448	4912	183	3135	0	0	5205	5499	-856	12873	0	12873	1728	14601	49.99
3	4632	309	452	5393	179	3182	0	0	5391	5708	-758	13704	0	13704	1633	15337	49.99
4	4727	64	442	5233	175	3268	0	0	5428	5873	-716	13833	0	13833	1575	15408	49.99
5	4625	298	449	5372	190	3458	0	0	5435	5603	-580	14043	0	14043	1600	15643	50.02
6	4440	703	451	5594	223	3434	0	0	5985	6135	-555	14831	0	14831	1717	16548	50.00
7	4492	1326	454	6272	285	3548	0	2	6615	6775	-630	16252	0	16252	1887	18139	49.95
8	4585	1498	450	6533	255	3691	0	72	6959	7190	-889	16852	0	16852	2025	18877	49.96
9	4592	1558	434	6584	195	3749	0	248	6814	6866	-1091	16551	0	16551	2276	18827	49.92
10	4566	1788	446	6800	183	3747	0	368	6465	6735	-1218	16615	0	16615	2589	19204	49.94
11	4285	1690	423	6398	207	3759	0	457	7474	7467	-1199	17089	0	17089	2800	19889	49.95
12	4118	1702	415	6235	204	4025	0	512	8190	8104	-1226	17854	0	17854	2852	20706	49.95
13	4103	1463	395	5961	173	3972	0	487	8170	8506	-1191	17908	0	17908	2805	20713	49.94
14	4131	1103	406	5640	120	3852	0	454	8321	8332	-1093	17305	0	17305	2699	20004	50.00
15	4208	1052	404	5664	100	3904	0	412	8293	8701	-1132	17649	0	17649	2738	20387	49.92
16	4364	1093	367	5824	99	4002	0	253	8138	8148	-1103	17223	0	17223	2725	19948	49.91
17	4419	1071	366	5856	100	4094	0	118	7642	7687	-1103	16752	0	16752	2728	19480	49.90
18	4392	1237	388	6017	148	4106	0	14	6675	6818	-1099	16004	0	16004	2721	18725	49.91
19	4429	1413	369	6211	263	4074	0	0	6089	6536	-1191	15893	0	15893	2796	18689	49.98
20	4595	832	380	5807	337	4035	0	0	5791	6079	-1106	15152	0	15152	2695	17847	50.02
21	4686	145	378	5209	328	3899	0	0	5768	5834	-1219	14051	0	14051	2536	16587	50.02
22	4399	78	368	4845	361	3671	0	0	5811	5694	-1377	13194	0	13194	2352	15546	50.03
23	4051	68	373	4492	391	3519	0	0	5509	5649	-1379	12672	0	12672	2200	14872	49.98
24	3982	73	363	4418	349	3425	0	0	5402	5353	-1217	12328	0	12328	2035	14363	49.99
MUs	105.54	20.72	9.88	136.14	5.23	88.70	0.00	3.40	156.90	160.58	-24.93	369.11	0.00	369.11	55.59	424.70	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 29/Nov/2017

Position as on 6.30 Hrs of 30/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	
TPC_G	Trombay 8	250	18/11/2017	19.40		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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	
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	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37	29/11/2017	22.55	Coal Shortage	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure, withdrawn due to coal shortage since 20.11.2017 at 11:00Hrs	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	
MSPGCL	Khaparkheda Unit 2	210	20/11/2017	12.14	29/11/2017	19.00	Coal Shortage	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Nov/2017

Position as on 6.30 Hrs of 30/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	25/11/2017	14.00		Continued.	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	
MSPGCL	Chandrapur Unit-8	500	27/11/2017	21.24		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	28/11/2017	01.18	29/11/2017	21.51	Boiler Tube Leakage	
IPP	JSW (J) U1	300	28/11/2017	08.50		Continued.	CW Duck Leakage.	
MSPGCL	Nasik Unit 3	210	28/11/2017	20.40	29/11/2017	03.10	Due To Tripping Of Both PAF.	
MSPGCL	Nasik Unit 3	210	29/11/2017	03.25	29/11/2017	05.55	CONDENSER VACUUM LOW.	
MSPGCL	Koradi Unit 10	660	29/11/2017	05.00		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 2	250	29/11/2017	07.21	29/11/2017	09.29	GOVERNERING SYSTEM PROBLEM	
MSPGCL	Chandrapur Unit 9	500	29/11/2017	10.23	29/11/2017	13.59	ELECTRIC FAULT.	
MSPGCL	Paras Unit 4	250	29/11/2017	16.31	29/11/2017	18.57	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem.	
MSPGCL	Paras Unit 4	250	30/11/2017	00.01		Continued.	BUNKERING PROBLEM	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/11/2017	06.35		Continued.	PO	Routine Maintenance Work
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	28/11/2017	17.38	29/11/2017	10.52	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	29/11/2017	10.04		Continued.	EO	Attending Oil Leakage (RFC 20.36)
Dhule Sar'Sarovar II	InterState	29/11/2017	17.51		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/11/2017	18.03	29/11/2017	11.27	HT	Over Voltage
karad -kolhapur-II	IntraState	27/11/2017	17.52	29/11/2017	11.21	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/11/2017	18.48	29/11/2017	06.48	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/11/2017	20.41	29/11/2017	06.14	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/11/2017	18.10		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/11/2017	18.36		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/11/2017	18.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/11/2017	23.26	30/11/2017	06.42	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	29/11/2017	09.01	29/11/2017	15.32	T	LOAD AFFECTED NIL.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	29/11/2017	19.33	29/11/2017	22.09	T	OSR RELAY.
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.
Wardha Deoli (Pg)	InterState	29/11/2017	13.01	29/11/2017	19.28	PO	Bus Section Outage Work At 220KV Wardha.
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Uran - Kharghar I	IntraState	26/11/2017	08.55	29/11/2017	16.30	PO	Line maintenance work.
Vita - Mhaishal	IntraState	29/11/2017	10.29	29/11/2017	13.39	PO	Line Maintenance work
Apta - Kalwa	IntraState	29/11/2017	10.55	29/11/2017	13.23	PO	Shifted On TBC.
Osmanabad - Solapur (Bale)	IntraState	29/11/2017	11.35	29/11/2017	14.24	PO	MECHANICAL PROBLEM.
Khaparkheda-Ambazari-I	IntraState	29/11/2017	11.47	29/11/2017	17.21	PO	REPLACEMENT OF FLASH DISC INSULATOR STRING AT LOC NO.43 & SIGNATURE ANALYSIS.
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

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 29/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.
220/132 Kv 100 Mva Cgl Ict 2 @Amalner	IntraState	29/11/2017	14.35	29/11/2017	17.42	PO	ATTEND DC LEAKAGE ON CTR PANEL.