

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Nov/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.596	3514.677	1) Gujrat	-0.275	0.826
2) Hydro	3.860	267.586	2) Madhya Pradesh	12.235	350.486
3) Gas	9.440	302.993	3) Chattisgarh	7.570	226.780
Total MSPGCL	129.896	4085.256	4) Maharashtra Net	139.439	3714.928
B) 1) APML	40.098	1423.150	5) Goa (Amona)	0.000	-23.474
2) JSWEL	13.853	659.018	Total	158.969	4269.546
3) VIPL	12.400	361.495	a) Mumbai Schedule	24.136	623.610
4) RPL(AMT)	11.971	393.015	b) Mumbai Drawl	24.878	752.383
5) WPCL	4.560	41.971	c) MSEDCL Bilateral *	57.104	1311.125
6) PGPL	0.000	0.000	Include PX	22.039	242.197
7) Other IPP	11.867	318.762	d) Mumbai Bilateral *	24.136	623.610
C) 1) TPCL Thermal	9.848	376.406	Include PX	4.859	100.899
2) TPCL Hydro	5.877	117.593	Include Standby	0.000	0.000
3) TPCL Gas	3.673	126.604	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.893	311.997	1) MSEDCL	369.801	11091.875
D) STATE			2) Mumbai Discoms	55.169	1684.985
1) Thermal	232.086	7400.491	TOTAL STATE	424.970	12776.860
(A1+C1+C4+(B1-B6))					
2) Hydro	9.737	385.179			
(A2+C2)					
3) Gas	13.113	429.597			
(A3+B6+C3)					
4) Wind	7.684	196.582			
6) SOLAR	3.381	95.463			
TOTAL STATE	266.001	8507.312			

* 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 24 Hrs
MSPGCL Thermal	5315	5348	5288	4567
MSPGCL Hydro	297	179	341	79
MSPGCL Gas	401	394	395	398
MSPGCL Total Generation	6013	5921	6024	5044
Central Sector Receipt	8285	8226	6346	4716
WIND	267	205	258	323
CPP / IPP Thermal	4148	4114	4217	3307
CPP / IPP Gas	0	0	0	0
SOLAR	494	497	0	0
Exchange with Mumbai	-1217	-1218	-1179	-1169
MSEDCL DEMAND MET	17990	17745	15666	12221
Load Shedding	0	0	0	0
MSEDCL DEMAND	17990	17745	15666	12221
TPCL GENERATION	1099	1070	1090	471
R-INFRA GENERATION	505	503	502	376
MUMBAI DEMAND	2821	2791	2771	2016
STATE DEMAND MET	20811	20536	18437	14237
STATE DEMAND	20811	20536	18437	14237
Frequency (Hz)	49.96	49.97	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.03 Hrs	49.74 Hz at 15.46 Hrs	49.98	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 30/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.82	15.54	165	155
Unit 8	0.00	46.46	0	0
Unit 9	12.66	254.67	600	440
Unit 10	0.00	325.21	0	0
Total	16.47	641.87		
Bhusawal				
Unit 3	3.97	4.02	180	100
Unit 4	9.42	262.36	455	350
Unit 5	9.51	264.81	460	350
Total	22.90	531.19		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.50	82.55	250	183
Unit 7	5.04	63.28	248	176
Unit 8	4.13	109.67	177	168
Total	14.67	255.49		
Chandrapur				
Unit 3	4.29	16.09	191	139
Unit 4	4.26	16.98	194	158
Unit 5	0.00	3.20	0	0
Unit 6	9.16	274.82	400	332
Unit 7	6.58	222.90	404	0
Unit 8	6.20	246.96	428	0
Unit 9	10.41	267.78	450	357
Total	40.91	1048.73		
Paras				
Unit 3	0.00	149.72	0	0
Unit 4	0.00	151.96	0	0
Total	0.00	301.68		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	2.98	76.65	170	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	91.69	0	0
Unit 5	10.39	260.98	455	350
Total	13.37	494.19		
Nasik				
Unit 3	4.14	53.73	181	157
Unit 4	4.14	124.90	187	156
Unit 5	0.00	62.90	0	0
Total	8.27	241.53		
Uran				
All Units	9.44	302.99	450	355
Total	9.44	302.99		
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)	0.18	3.61	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	3.61		
Koyna				
Stage 1-2	1.76	96.26	260	40
Stage 4	0.00	69.72	0	0
Stage 3	0.00	36.54	0	0
Total	1.76	202.52		
Hydro				
KDPH	0.00	9.11	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.38	9.07	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	7.03	80	0
RNGR+BHTSA	0.41	11.39	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	14.21	12	11
GHATGHAR	0.70	13.98	125	0
Total	2.10	65.06		
Wind				
Total	7.68	196.58	0	0
Total	7.68	196.58		
CPP				
APML(Mus)	40.10	1423.15	0	0
JSWEL(Mus)	13.85	659.02	0	0
VIPL(Mus)	12.40	361.50	0	0
RPLAMT(Mus)	11.97	393.02	0	0
WPCL(Mus)	4.56	41.97	0	0
Other(Mus)	11.87	318.76	0	0
Total	94.75	3197.41		
SOLAR				
Total	3.38	95.46	0	0
Total	3.38	95.46		
Tata				
Trombay 5	9.85	282.96	489	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.23	79.60	115	72
Trombay 7B	1.44	47.00	67	53
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.88	117.59	459	0
Total	19.40	620.60		
R-INFRA				
DTPS U-1&2	10.89	312.00	505	374
Total	10.89	312.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.60	3514.68	MSPGCL Total	129.90	4085.26
			MSPGCL Thml+Gas	126.04	3817.67	Koyna 1,2 & 4 Total	1.76	165.98
			MSPGCL Hydro	3.86	267.59	State Total	266.00	8507.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	3932	82	362	4376	336	3462	0	0	5157	5301	-1060	12415	0	12415	1875	14290	49.99
2	3997	73	361	4431	293	3490	0	0	5124	5621	-914	12921	0	12921	1729	14650	49.99
3	4308	78	371	4757	329	3776	0	0	5382	5529	-815	13576	0	13576	1630	15206	50.00
4	4318	83	361	4762	401	3828	0	0	5504	5501	-758	13734	0	13734	1574	15308	50.01
5	4397	98	371	4866	458	3902	0	0	5384	5663	-719	14170	0	14170	1571	15741	49.97
6	4566	73	355	4994	566	4056	0	0	5993	6079	-635	15060	0	15060	1697	16757	49.97
7	4619	163	406	5188	613	4154	0	2	6932	6916	-718	16155	0	16155	1863	18018	49.95
8	4692	93	448	5233	546	4130	0	73	7449	7566	-723	16825	0	16825	2018	18843	49.92
9	4817	95	434	5346	404	4123	0	233	7334	7485	-867	16724	0	16724	2277	19001	49.95
10	4928	181	450	5559	316	4153	0	373	7219	7234	-1055	16580	0	16580	2568	19148	49.95
11	5227	224	424	5875	343	4146	0	449	7600	7667	-1168	17312	0	17312	2765	20077	49.96
12	5315	297	401	6013	267	4148	0	494	8206	8285	-1217	17990	0	17990	2821	20811	49.96
13	5348	179	394	5921	205	4114	0	497	8222	8226	-1218	17745	0	17745	2791	20536	49.97
14	5236	89	392	5717	166	4093	0	457	8323	8153	-1155	17431	0	17431	2685	20116	49.98
15	5169	119	398	5686	135	4209	0	399	8129	8098	-1143	17384	0	17384	2714	20098	49.94
16	5216	314	383	5913	104	4190	0	272	8044	7858	-1140	17197	0	17197	2724	19921	49.96
17	5254	414	385	6053	128	4194	0	118	7532	7837	-1131	17199	0	17199	2725	19924	49.95
18	5319	291	386	5996	146	4227	0	14	6983	6854	-1120	16117	0	16117	2720	18837	49.96
19	5288	341	395	6024	258	4217	0	0	6295	6346	-1179	15666	0	15666	2771	18437	49.99
20	5283	217	388	5888	355	4189	0	0	5521	5700	-1151	14981	0	14981	2662	17643	50.00
21	5140	134	397	5671	371	3846	0	0	5492	5489	-1233	14144	0	14144	2501	16645	50.02
22	4969	74	378	5421	339	3441	0	0	5332	5115	-1293	13023	0	13023	2313	15336	50.02
23	4691	69	402	5162	282	3354	0	0	5198	5114	-1297	12615	0	12615	2159	14774	50.00
24	4567	79	398	5044	323	3307	0	0	4544	4716	-1169	12221	0	12221	2016	14237	49.99
MUs	116.60	3.86	9.44	129.90	7.68	94.75	0.00	3.38	156.90	158.35	-24.88	369.19	0.00	369.19	55.17	424.35	49.98

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 30/Nov/2017

Position as on 6.30 Hrs of 01/Dec/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	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.	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Chandrapur Unit 7	500	25/11/2017	14.00	30/11/2017	02.01	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Nov/2017

Position as on 6.30 Hrs of 01/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	27/11/2017	21.24	30/11/2017	05.09	Boiler Tube Leakage	
IPP	JSW (J) U1	300	28/11/2017	08.50		Continued.	CW Duck Leakage.	
MSPGCL	Koradi Unit 10	660	29/11/2017	05.00		Continued.	Boiler Tube Leakage	
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	
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	
MSPGCL	Khaparkheda Unit 2	210	30/11/2017	13.07	30/11/2017	17.21	Bus Bar Protection operated	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 01/Dec/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
Chandrapur-II - Warora - I	InterState	29/11/2017	10.04	30/11/2017	08.12	EO	Attending Oil Leakage (RFC 20.36)
Dhule Sar'Sarovar II	InterState	29/11/2017	17.51	30/11/2017	09.01	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/11/2017	17.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/11/2017	18.10	30/11/2017	08.14	HT	Over Voltage
karad -kolhapur-I	IntraState	29/11/2017	18.36	30/11/2017	08.14	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/11/2017	18.38	30/11/2017	08.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/11/2017	23.26	30/11/2017	06.42	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	30/11/2017	08.40	30/11/2017	18.31	PO	Testing Work
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	30/11/2017	11.15	30/11/2017	14.09	PO	WRLDC outage for taking LR in service
karad -kolhapur-I	IntraState	30/11/2017	18.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/11/2017	18.14		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2017	19.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/11/2017	23.46		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	30/11/2017	08.33	30/11/2017	10.35	PO	C.B.Maintance work
400/220/33kv 315mva lct3 @Lonikand	IntraState	30/11/2017	10.52	30/11/2017	18.05	PO	Taken on TBC (HV Side)
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	30/11/2017	11.06	30/11/2017	15.15	PO	Jumper replacement work
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	30/11/2017	12.52	30/11/2017	14.53	EO	Emergency outage for Testing 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.
Khaparkheda-Butibori 3	InterState	30/11/2017	1307	30/11/2017	14.10	T	Bus Bar Protection Operated
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)
Khaparkheda-Ambazari-I	IntraState	28/11/2017	11.43	30/11/2017	11.47	T	To control 220kv khaperkheda - khaperkheda ckt o/L.
Mahad-Kandalgaon	IntraState	30/11/2017	09.02	30/11/2017	18.36	PO	Line Maintenance work
Bableswhar - Bableswhar-I	IntraState	30/11/2017	09.58	30/11/2017	13.57	PO	Attending Hot Spot
khaparkheda-Khaparkheda(new)-I	IntraState	30/11/2017	13.07	30/11/2017	14.07	T	Bus Bar Protection Operated
Khaparkheda-Ambazari-II	IntraState	30/11/2017	13.07	30/11/2017	14.08	T	Bus Bar Protection Operated
Khaparkheda-Kanhan	IntraState	30/11/2017	13.07	30/11/2017	14.07	T	Bus Bar Protection Operated

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 30/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khaparkheda-Kalmeshwar	IntraState	30/11/2017	13.07	30/11/2017	14.09	T	Bus Bar Protection Operated
Jejuri- Ismt- Lonand	IntraState	30/11/2017	17.22	30/11/2017	19.48	PO	Attending Hot Spot
Urse - Talegaon (Ambi) Ckt 2	IntraState	30/11/2017	17.22	30/11/2017	19.48	PO	Testing Work
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
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.