

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Nov/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.805	2826.544	1) Gujrat	0.232	3.753
2) Hydro	4.331	205.219	2) Madhya Pradesh	15.112	271.420
3) Gas	10.479	241.890	3) Chattisgarh	8.410	178.520
Total MSPGCL	132.615	3273.653	4) Maharashtra Net	128.933	2904.038
B) 1) APML	39.834	1199.587	5) Goa (Amona)	-0.770	-19.052
2) JSWEL	22.368	546.789	Total	151.917	3338.679
3) VIPL	10.016	299.387	a) Mumbai Schedule	23.543	493.056
4) RPL(AMT)	11.763	321.975	b) Mumbai Drawl	25.787	601.548
5) WPCL	3.856	15.686	c) MSEDCL Bilateral *	50.842	1005.424
6) PGPL	0.000	0.000	Include PX	11.944	160.198
7) Other IPP	11.042	249.061	d) Mumbai Bilateral *	23.543	493.056
C) 1) TPCL Thermal	9.866	318.936	Include PX	7.601	64.004
2) TPCL Hydro	5.031	89.490	Include Standby	0.000	0.000
3) TPCL Gas	4.365	101.462	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.815	251.165	1) MSEDCL	366.700	8880.642
D) STATE			2) Mumbai Discoms	55.862	1362.603
1) Thermal	237.365	6029.130	TOTAL STATE	422.562	10243.245
(A1+C1+C4+(B1-B6))					
2) Hydro	9.362	294.709			
(A2+C2)					
3) Gas	14.844	343.352			
(A3+B6+C3)					
4) Wind	5.746	162.207			
6) SOLAR	3.330	75.166			
TOTAL STATE	270.647	6904.564			

* 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	5241	5192	5006	4462
MSPGCL Hydro	269	125	353	122
MSPGCL Gas	415	434	428	447
MSPGCL Total Generation	5925	5751	5787	5031
Central Sector Receipt	7790	8096	5940	4765
WIND	87	137	312	382
CPP / IPP Thermal	4315	4249	4477	3592
CPP / IPP Gas	0	0	0	0
SOLAR	497	496	0	0
Exchange with Mumbai	-1264	-1219	-1140	-1203
MSEDCL DEMAND MET	17350	17510	15376	12567
Load Shedding	0	0	0	0
MSEDCL DEMAND	17350	17510	15376	12567
TPCL GENERATION	1131	1129	1118	493
R-INFRA GENERATION	503	503	504	375
MUMBAI DEMAND	2898	2851	2762	2071
STATE DEMAND MET	20248	20361	18138	14638
STATE DEMAND	20248	20361	18138	14638
Frequency (Hz)	49.97	50.00	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 12.01 Hrs	49.78 Hz at 15.11 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 24/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	10.31	184.04	480	370
Unit 10	12.58	276.62	665	390
Total	22.90	507.13		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.45	204.50	360	350
Unit 5	8.46	206.28	360	350
Total	16.92	410.77		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	50.49	231	190
Unit 7	0.00	35.52	0	0
Unit 8	2.13	95.75	171	0
Total	7.22	181.76		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.21	219.15	400	336
Unit 7	10.15	210.92	458	363
Unit 8	10.31	214.98	465	360
Unit 9	10.24	206.15	455	345
Total	39.91	854.40		
Paras				
Unit 3	5.29	125.09	250	185
Unit 4	5.37	127.34	250	190
Total	10.66	252.44		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	0.00	73.24	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.57	89.11	161	59
Unit 5	8.59	199.42	450	350
Total	12.16	426.65		
Nasik				
Unit 3	4.10	30.56	180	160
Unit 4	3.94	99.94	176	159
Unit 5	0.00	62.90	0	0
Total	8.04	193.40		
Uran				
All Units	10.48	241.89	459	415
Total	10.48	241.89		
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)	0.03	2.92	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	2.92		
Koyna				
Stage 1-2	1.50	77.68	185	40
Stage 4	0.00	48.60	0	0
Stage 3	0.36	27.81	80	0
Total	1.86	154.08		
Hydro				
KDPH	0.64	8.05	36	17
VTRNA	0.00	0.28	0	0
TILLARI	0.37	6.94	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.41	80	0
RNGR+BHTSA	0.34	9.11	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	11.85	35	34
GHATGHAR	0.00	9.49	0	0
Total	2.47	51.14		
Wind				
Total	5.75	162.21	0	0
Total	5.75	162.21		
CPP				
APML(Mus)	39.83	1199.59	0	0
JSWEL(Mus)	22.37	546.79	0	0
VIPL(Mus)	10.02	299.39	0	0
RPLAMT(Mus)	11.76	321.98	0	0
WPCL(Mus)	3.86	15.69	0	0
Other(Mus)	11.04	249.06	0	0
Total	98.88	2632.48		
SOLAR				
Total	3.33	75.17	0	0
Total	3.33	75.17		
Tata				
Trombay 5	9.87	225.49	489	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	63.87	115	112
Trombay 7B	1.61	37.59	68	66
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.03	89.49	459	0
Total	19.26	509.89		
R-INFRA				
DTPS U-1&2	10.82	251.16	504	375
Total	10.82	251.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.80	2826.54	MSPGCL Total	132.62	3273.65
			MSPGCL Thml+Gas	128.28	3068.43	Koyna 1,2 & 4 Total	1.50	126.27
			MSPGCL Hydro	4.33	205.22	State Total	270.65	6904.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4453	127	446	5026	172	3709	0	0	5226	5171	-1039	13039	0	13039	1901	14940	49.95
2	4502	131	446	5079	210	3722	0	0	5129	5366	-892	13485	0	13485	1754	15239	49.95
3	4590	126	438	5154	300	3742	0	0	5238	5444	-790	13850	0	13850	1654	15504	49.99
4	4656	131	459	5246	384	3789	0	0	5235	5201	-737	13883	0	13883	1600	15483	49.97
5	4801	131	440	5372	421	3826	0	0	5487	5452	-735	14336	0	14336	1597	15933	49.98
6	4971	160	451	5582	366	4123	0	0	5912	6041	-741	15371	0	15371	1715	17086	49.97
7	4985	281	451	5717	374	4196	0	3	6719	6614	-702	16202	0	16202	1875	18077	49.90
8	5021	231	443	5695	279	4401	0	69	6921	7151	-782	16813	0	16813	2024	18837	49.98
9	5114	221	447	5782	166	4525	0	226	6583	6675	-925	16449	0	16449	2295	18744	50.00
10	5245	272	432	5949	159	4359	0	354	6580	6443	-1165	16099	0	16099	2600	18699	49.93
11	5304	280	436	6020	131	4270	0	444	7379	7104	-1265	16704	0	16704	2841	19545	49.95
12	5241	269	415	5925	87	4315	0	497	7856	7790	-1264	17350	0	17350	2898	20248	49.97
13	5192	125	434	5751	137	4249	0	496	7895	8096	-1219	17510	0	17510	2851	20361	50.00
14	5071	102	415	5588	102	4265	0	460	7826	7888	-1258	17045	0	17045	2721	19766	50.05
15	5084	97	415	5596	155	4253	0	387	7799	7909	-1179	17121	0	17121	2748	19869	49.96
16	5081	92	417	5590	213	4358	0	263	7666	7491	-1167	16748	0	16748	2759	19507	49.90
17	5097	106	420	5623	261	4474	0	120	7136	7205	-1149	16534	0	16534	2748	19282	50.00
18	5077	113	435	5625	288	4455	0	10	6455	6371	-1112	15637	0	15637	2716	18353	50.00
19	5006	353	428	5787	312	4477	0	0	5735	5940	-1140	15376	0	15376	2762	18138	50.01
20	5023	257	441	5721	254	4306	0	0	5696	5515	-1262	14534	0	14534	2663	17197	50.00
21	4664	175	433	5272	233	3869	0	0	5720	5843	-1362	13855	0	13855	2518	16373	49.96
22	4655	202	453	5310	157	3833	0	0	5318	5419	-1366	13353	0	13353	2350	15703	50.00
23	4510	227	437	5174	203	3771	0	0	5284	5023	-1333	12838	0	12838	2203	15041	49.99
24	4462	122	447	5031	382	3592	0	0	4984	4765	-1203	12567	0	12567	2071	14638	50.01
MUs	117.80	4.33	10.48	132.61	5.75	98.88	0.00	3.33	151.78	151.92	-25.79	366.70	0.00	366.70	55.86	422.56	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 24/Nov/2017

Position as on 6.30 Hrs of 25/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	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
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	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Nov/2017

Position as on 6.30 Hrs of 25/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	20/11/2017	21.00		Continued.	Coal Shortage	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
CPP	SWPGL U-3	135	23/11/2017	00.00	24/11/2017	11.19	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	23/11/2017	19.56	24/11/2017	00.16	Furnace Pressure High	
MSPGCL	Ghatghar Unit-1	125	24/11/2017	10.00		Continued.	Governor Compressor Repairing work	
MSPGCL	Parli Unit 8	250	24/11/2017	12.50		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 25/Nov/2017

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	23/11/2017	18.09	24/11/2017	11.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/11/2017	17.20		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	23/11/2017	18.02		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/11/2017	18.03		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/11/2017	18.13	24/11/2017	10.51	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/11/2017	18.24		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	23/11/2017	18.50	24/11/2017	03.38	EO	Attending Hot Spot
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	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 2	IntraState	22/11/2017	08.38	24/11/2017	17.34	PO	Line Maintenance work
Mudshingi-Belewadi	IntraState	24/11/2017	08.54	24/11/2017	17.24	PO	Insulator Cleaning
Pedhambe - Oni	IntraState	24/11/2017	12.56	24/11/2017	13.18	T	Distance Protection
chandrapur-Tadali	IntraState	24/11/2017	14.53	24/11/2017	18.14	PO	Tan Delta Measurment of CTs
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
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	22/11/2017	03.34	25/11/2017	00.20	T	Differential protection
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	24/11/2017	02.41	24/11/2017	03.10	T	Distance Protection
Bhoom - Kharda	IntraState	24/11/2017	12.35	24/11/2017	12.42	T	Over Current Protection
Bhoom - Kharda	IntraState	24/11/2017	13.11	24/11/2017	13.18	T	Over Current Protection
Padegaon - Sillod	IntraState	24/11/2017	19.57	24/11/2017	20.16	T	Distance Protection

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