

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.350	4061.288	1) Gujrat	1.456	-12.998
2) Hydro	16.745	491.444	2) Madhya Pradesh	10.470	305.484
3) Gas	7.390	248.813	3) Chattisgarh	6.930	244.980
Total MSPGCL	163.485	4801.545	4) Maharashtra Net	137.627	3646.300
B) 1) APML	50.178	1419.595	5) Goa (Amona)	-0.796	-18.820
2) JSWEL	8.982	276.390	Total	155.687	4164.946
3) VIPL	6.284	189.911	a) Mumbai Schedule	21.919	520.266
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.623	704.734
5) WPCL	4.080	113.746	c) MSEDCL Bilateral *	39.853	1042.761
6) PGPL	0.000	24.068	Include PX	4.195	123.892
7) Other IPP	7.149	242.768	d) Mumbai Bilateral *	21.919	520.266
C) 1) TPCL Thermal	5.232	185.771	Include PX	9.303	168.873
2) TPCL Hydro	5.932	153.621	Include Standby	0.000	0.000
3) TPCL Gas	3.484	93.758	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.495	313.008	1) MSEDCL	373.135	10733.447
D) STATE			2) Mumbai Discoms	52.766	1450.902
1) Thermal	231.750	6802.477	TOTAL STATE	425.901	12184.349
(A1+C1+C4+(B1-B6))					
2) Hydro	22.677	645.065			
(A2+C2)					
3) Gas	10.874	366.639			
(A3+B6+C3)					
4) Wind	3.600	170.282			
6) SOLAR	1.313	34.930			
TOTAL STATE	270.214	8019.393			

* 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 3 Hrs
MSPGCL Thermal	6381	6411	5624	5083
MSPGCL Hydro	1454	1671	734	102
MSPGCL Gas	295	301	296	319
MSPGCL Total Generation	8130	8383	6654	5504
Central Sector Receipt	7505	7550	6968	5023
WIND	50	32	80	331
CPP / IPP Thermal	3231	3260	3277	3092
CPP / IPP Gas	0	0	0	0
SOLAR	187	183	0	0
Exchange with Mumbai	-1326	-1379	-1421	-816
MSEDCL DEMAND MET	17777	18029	15558	13134
Load Shedding	0	0	0	0
MSEDCL DEMAND	17777	18029	15558	13134
TPCL GENERATION	874	814	784	290
R-INFRA GENERATION	500	506	386	388
MUMBAI DEMAND	2700	2699	2591	1494
STATE DEMAND MET	20477	20728	18149	14628
STATE DEMAND	20477	20728	18149	14628
Frequency (Hz)	49.99	49.96	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.00 Hrs	49.79 Hz at 07.14 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 30/Jan/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	2.30	63.27	165	0
Unit 8	0.73	31.80	298	0
Unit 9	0.00	324.09	0	0
Unit 10	13.86	182.36	660	480
Total	16.89	601.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.58	281.79	510	365
Unit 5	10.55	306.65	510	360
Total	21.12	588.44		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.38	140.28	250	190
Unit 7	5.35	156.47	248	187
Unit 8	0.00	0.00	0	0
Total	10.73	296.75		
Chandrapur				
Unit 3	4.46	133.52	200	163
Unit 4	4.46	132.62	198	166
Unit 5	9.99	254.66	450	360
Unit 6	9.73	227.15	440	355
Unit 7	0.00	180.92	0	0
Unit 8	10.04	258.40	466	348
Unit 9	10.80	248.48	493	359
Total	49.48	1435.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.42	150.30	250	198
Total	5.42	150.30		
Khaparkheda				
Unit 1	4.20	122.78	195	160
Unit 2	4.22	124.87	200	160
Unit 3	4.31	125.49	202	160
Unit 4	4.16	86.32	192	160
Unit 5	10.44	278.58	500	375
Total	27.32	738.03		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.12	125.94	186	160
Unit 5	4.26	124.55	200	163
Total	8.38	250.49		
Uran				
All Units	7.39	248.81	323	289
Total	7.39	248.81		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.15	11.09	48	0
Total	0.15	11.09		
Koyna				
Stage 1-2	3.06	114.56	405	40
Stage 4	6.20	168.23	760	0
Stage 3	2.01	58.63	160	0
Total	11.28	341.42		
Hydro				
KDPH	0.44	13.14	19	18
VTRNA	1.08	22.12	59	0
TILLARI	0.48	12.16	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	8.71	57	0
RNGR+BHTSA	0.34	9.16	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.62	17.43	36	22
GHATGHAR	2.29	59.41	250	0
Total	5.47	150.02		
Wind				
Total	3.60	170.28	0	0
Total	3.60	170.28		
CPP				
APML(Mus)	50.18	1419.60	0	0
JSWEL(Mus)	8.98	276.39	0	0
VIPL(Mus)	6.28	189.91	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.08	113.75	0	0
Other(Mus)	7.15	242.77	0	0
Total	76.67	2242.41		
SOLAR				
Total	1.31	34.93	0	0
Total	1.31	34.93		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.13	56.06	102	50
Trombay 7B	1.36	37.70	63	40
Trombay 8	5.23	159.39	250	199
TATA Hydro	5.93	153.62	459	12
Total	14.65	433.15		
R-INFRA				
1-2	10.50	313.01	510	386
Total	10.50	313.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.35	4061.29	MSPGCL Total	163.48	4801.54
			MSPGCL Thml+Gas	146.74	4310.10	Koyna 1,2 & 4 Total	9.26	282.79
			MSPGCL Hydro	16.74	491.44	State Total	270.21	8019.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Jan/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	5099	251	317	5667	189	3048	0	0	5392	5346	-1007	13243	0	13243	1683	14926	49.97
2	5083	133	309	5525	272	3078	0	0	5493	5218	-874	13219	0	13219	1554	14773	49.99
3	5083	102	319	5504	331	3092	0	0	5175	5023	-816	13134	0	13134	1494	14628	49.98
4	5087	102	309	5498	361	3098	0	0	5097	4998	-770	13185	0	13185	1445	14630	49.98
5	5074	102	319	5495	358	3127	0	0	5240	5487	-775	13692	0	13692	1451	15143	49.98
6	5444	106	319	5869	310	3155	0	0	5571	5863	-813	14384	0	14384	1567	15951	49.97
7	6203	301	318	6822	272	3283	0	0	6066	5971	-838	15510	0	15510	1791	17301	49.93
8	6376	1159	313	7848	269	3296	0	9	6539	6548	-912	17058	0	17058	1998	19056	49.96
9	6391	1202	323	7916	167	3310	0	64	6934	7068	-937	17588	0	17588	2198	19786	49.94
10	6388	1285	321	7994	126	3261	0	119	6747	6769	-1224	17045	0	17045	2495	19540	49.98
11	6360	1240	298	7898	91	3268	0	162	6957	7074	-1322	17171	0	17171	2639	19810	49.97
12	6381	1454	295	8130	50	3231	0	187	7389	7505	-1326	17777	0	17777	2700	20477	49.99
13	6411	1671	301	8383	32	3260	0	183	7339	7550	-1379	18029	0	18029	2699	20728	49.96
14	6370	1423	289	8082	32	3232	0	188	7249	7486	-1352	17668	0	17668	2608	20276	49.99
15	6314	1297	289	7900	41	3262	0	165	7266	7457	-1320	17505	0	17505	2629	20134	49.95
16	6228	1416	289	7933	35	3268	0	131	7365	7631	-1311	17687	0	17687	2645	20332	49.96
17	6220	708	302	7230	36	3275	0	83	7287	7643	-1318	16949	0	16949	2638	19587	49.92
18	6075	590	298	6963	41	3269	0	22	6832	7248	-1409	16134	0	16134	2615	18749	49.96
19	5624	734	296	6654	80	3277	0	0	6723	6968	-1421	15558	0	15558	2591	18149	49.95
20	5513	532	310	6355	149	3243	0	0	6804	6918	-1417	15248	0	15248	2604	17852	49.98
21	5417	321	314	6052	140	3104	0	0	6476	6465	-1378	14383	0	14383	2442	16825	49.96
22	5320	163	315	5798	118	3104	0	0	6171	6036	-1295	13761	0	13761	2221	15982	49.96
23	5399	224	308	5931	63	3074	0	0	5469	5730	-1223	13575	0	13575	2112	15687	49.96
24	5490	229	319	6038	37	3061	0	0	5494	5685	-1186	13635	0	13635	1947	15582	50.00
MUs	139.35	16.74	7.39	163.49	3.60	76.67	0.00	1.31	153.08	155.69	-27.62	373.14	0.00	373.14	52.77	425.90	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 30/Jan/2017

Position as on 6.30 Hrs of 31/Jan/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
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.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	

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

Position as on 6.30 Hrs of 31/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50	30/01/2017	22.50	withdraw on BTL ,converted to zero schedule w.e.f 16.12.2016 at 00:00 Hrs	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Koradi Unit-8	660	29/01/2017	22.05	30/01/2017	19.17	FD Fan Problem.	
MSPGCL	Koradi Unit 7	210	30/01/2017	13.55		Continued.	BOILER FEED PUMP TRIPPED.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	

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

Statement-VII

Position as on 6.30 Hrs of 31/Jan/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							
Dabhol Nagothane II	InterState	28/01/2017	10.32		Continued.	EO	Emergency outage Earth Wire Stringing Work.
Dhule Sar'Sarovar II	InterState	29/01/2017	16.51	30/01/2017	07.12	HT	Over Voltage
Koradi Bhilai	InterState	30/01/2017	02.03	30/01/2017	03.17	T	Distance Protection
Koradi Satpur	InterState	30/01/2017	11.57	30/01/2017	18.29	PO	WORK BY POWERGRID.
Dhule Sar'Sarovar I	InterState	30/01/2017	19.26		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/01/2017	16.45	30/01/2017	10.26	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/01/2017	16.48	30/01/2017	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/01/2017	18.04	30/01/2017	06.29	HT	Over Voltage
Koradi - Koradi II	IntraState	30/01/2017	12.51	30/01/2017	14.21	PO	WORKS FOR SPS.
Koradi 2-IEPL	IntraState	30/01/2017	15.17	30/01/2017	16.46	PO	FOR CHARGING.
karad -kolhapur-II	IntraState	30/01/2017	16.38		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/01/2017	16.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/01/2017	18.10		Continued.	HT	Over Voltage
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.
Mudshingi-Wathar	IntraState	30/01/2017	10.18	30/01/2017	18.29	PO	OUTAGES BY LINES S/DN.
Flagship-Chinchwad	IntraState	30/01/2017	12.06	30/01/2017	16.54	PO	Relay Retrofitting Work by Testing
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)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	30/01/2017	19.30	30/01/2017	20.45	PO	PHASE RED HOT ATTENDING WORK.
132 KV LINE Outages/Trippings							
Sawangi - Cosmofilms	IntraState	30/01/2017	18.00		Continued.	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	30/01/2017	19.19		Continued.	T	Distance Protection

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