

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.951	3921.938	1) Gujrat	0.514	-14.454
2) Hydro	15.775	474.699	2) Madhya Pradesh	8.776	295.014
3) Gas	4.704	241.423	3) Chattisgarh	7.170	238.050
Total MSPGCL	163.430	4638.060	4) Maharashtra Net	127.216	3508.673
B) 1) APML	48.308	1369.417	5) Goa (Amona)	-0.578	-18.024
2) JSWEL	9.084	267.408	Total	143.098	4009.259
3) VIPL	6.175	183.627	a) Mumbai Schedule	16.118	498.347
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.473	677.111
5) WPCL	4.021	109.666	c) MSEDCL Bilateral *	36.581	1002.908
6) PGPL	0.000	24.068	Include PX	5.938	119.698
7) Other IPP	7.471	235.619	d) Mumbai Bilateral *	16.118	498.347
C) 1) TPCL Thermal	5.256	180.539	Include PX	6.011	159.571
2) TPCL Hydro	2.636	147.689	Include Standby	0.000	0.000
3) TPCL Gas	2.169	90.274	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.505	302.513	1) MSEDCL	365.574	10360.312
D) STATE			2) Mumbai Discoms	44.039	1398.136
1) Thermal	233.771	6570.727	TOTAL STATE	409.613	11758.448
(A1+C1+C4+(B1-B6))					
2) Hydro	18.411	622.388			
(A2+C2)					
3) Gas	6.873	355.765			
(A3+B6+C3)					
4) Wind	6.178	166.682			
6) SOLAR	1.282	33.617			
TOTAL STATE	266.515	7749.179			

* 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 4 Hrs
MSPGCL Thermal	6656	6733	6193	5307
MSPGCL Hydro	1445	1510	410	100
MSPGCL Gas	148	145	209	154
MSPGCL Total Generation	8249	8388	6812	5561
Central Sector Receipt	6812	6857	5916	4892
WIND	128	53	179	482
CPP / IPP Thermal	3163	3156	3131	3118
CPP / IPP Gas	0	0	0	0
SOLAR	174	186	0	0
Exchange with Mumbai	-1083	-1056	-1173	-754
MSEDCL DEMAND MET	17443	17584	14865	13299
Load Shedding	0	0	0	0
MSEDCL DEMAND	17443	17584	14865	13299
TPCL GENERATION	475	477	484	291
R-INFRA GENERATION	504	504	386	386
MUMBAI DEMAND	2062	2037	2043	1431
STATE DEMAND MET	19505	19621	16908	14730
STATE DEMAND	19505	19621	16908	14730
Frequency (Hz)	49.96	49.97	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.32 Hrs	49.74 Hz at 22.05 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/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	3.64	60.97	160	140
Unit 8	12.00	31.06	584	0
Unit 9	0.00	324.09	0	0
Unit 10	8.57	168.51	660	0
Total	24.20	584.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.33	271.22	510	360
Unit 5	8.55	296.10	510	0
Total	18.88	567.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	134.91	247	194
Unit 7	5.27	151.12	248	187
Unit 8	0.00	0.00	0	0
Total	10.46	286.03		
Chandrapur				
Unit 3	4.52	129.07	200	163
Unit 4	4.48	128.16	197	163
Unit 5	9.14	244.67	440	217
Unit 6	9.91	217.42	440	347
Unit 7	0.00	180.92	0	0
Unit 8	10.49	248.35	500	360
Unit 9	10.71	237.69	496	362
Total	49.25	1386.28		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.64	144.88	250	0
Total	4.64	144.88		
Khaparkheda				
Unit 1	4.16	118.58	195	160
Unit 2	4.22	120.65	195	160
Unit 3	4.31	121.18	202	161
Unit 4	4.11	82.16	189	160
Unit 5	10.24	268.14	500	370
Total	27.04	710.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.19	121.82	196	163
Unit 5	4.28	120.29	200	163
Total	8.47	242.10		
Uran				
All Units	4.70	241.42	315	145
Total	4.70	241.42		
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)	0.25	10.94	44	0
Total	0.25	10.94		
Koyna				
Stage 1-2	3.69	111.50	475	40
Stage 4	5.21	162.03	757	0
Stage 3	1.94	56.62	226	0
Total	10.84	330.14		
Hydro				
KDPH	0.44	12.70	19	18
VTRNA	1.03	21.03	60	0
TILLARI	0.51	11.68	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	8.50	77	0
RNGR+BHTSA	0.35	8.82	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.60	16.81	35	22
GHATGHAR	1.84	57.11	250	0
Total	4.93	144.56		
Wind				
Total	6.18	166.68	0	0
Total	6.18	166.68		
CPP				
APML(Mus)	48.31	1369.42	0	0
JSWEL(Mus)	9.08	267.41	0	0
VIPL(Mus)	6.18	183.63	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.02	109.67	0	0
Other(Mus)	7.47	235.62	0	0
Total	75.06	2165.74		
SOLAR				
Total	1.28	33.62	0	0
Total	1.28	33.62		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	53.93	51	49
Trombay 7B	0.97	36.34	42	39
Trombay 8	5.26	154.16	249	200
TATA Hydro	2.64	147.69	215	0
Total	10.06	418.50		
R-INFRA				
1-2	10.50	302.51	510	386
Total	10.50	302.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.95	3921.94	MSPGCL Total	163.43	4638.06
			MSPGCL Thml+Gas	147.66	4163.36	Koyna 1,2 & 4 Total	8.90	273.53
			MSPGCL Hydro	15.78	474.70	State Total	266.52	7749.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4640	509	163	5312	377	3093	0	0	5185	5485	-987	13280	0	13280	1662	14942	49.98
2	4957	345	154	5456	373	3103	0	0	5108	5222	-885	13269	0	13269	1565	14834	49.99
3	5091	100	163	5354	573	3109	0	0	5314	5244	-802	13478	0	13478	1479	14957	49.96
4	5307	100	154	5561	482	3118	0	0	5071	4892	-754	13299	0	13299	1431	14730	49.94
5	5270	115	163	5548	457	3098	0	0	5055	5315	-756	13662	0	13662	1433	15095	49.97
6	5746	149	155	6050	410	3106	0	0	5204	5493	-761	14298	0	14298	1506	15804	49.98
7	6090	338	163	6591	430	3179	0	0	5764	5988	-762	15426	0	15426	1586	17012	50.00
8	6015	1051	155	7221	417	3204	0	8	6230	6453	-654	16649	0	16649	1643	18292	49.94
9	6220	1692	165	8077	360	3196	0	62	6509	6773	-765	17703	0	17703	1789	19492	49.94
10	6324	1661	152	8137	263	3187	0	114	6392	6207	-946	16962	0	16962	1937	18899	49.97
11	6553	1381	146	8080	233	3169	0	154	6479	6245	-1045	16836	0	16836	2029	18865	49.97
12	6656	1445	148	8249	128	3163	0	174	6798	6812	-1083	17443	0	17443	2062	19505	49.96
13	6733	1510	145	8388	53	3156	0	186	6845	6857	-1056	17584	0	17584	2037	19621	49.97
14	6822	1082	156	8060	35	3150	0	186	6878	6925	-993	17363	0	17363	1979	19342	49.99
15	6844	723	174	7741	36	3157	0	159	6885	7051	-963	17181	0	17181	1948	19129	50.01
16	6926	441	214	7581	29	3161	0	131	6865	6752	-916	16738	0	16738	1899	18637	49.97
17	6831	298	227	7356	37	3154	0	83	6206	6506	-926	16210	0	16210	1903	18113	49.96
18	6454	373	228	7055	75	3134	0	25	5978	6218	-1085	15422	0	15422	1928	17350	50.01
19	6193	410	209	6812	179	3131	0	0	5919	5916	-1173	14865	0	14865	2043	16908	49.94
20	5866	419	257	6542	250	3076	0	0	5956	6115	-1264	14719	0	14719	2158	16877	49.96
21	5613	302	291	6206	258	3084	0	0	5923	5684	-1276	13956	0	13956	2100	16056	49.96
22	5581	239	315	6135	245	3070	0	0	5335	4959	-1205	13204	0	13204	2029	15233	49.96
23	5130	526	302	5958	257	2987	0	0	4856	4947	-1236	12913	0	12913	2018	14931	49.95
24	5089	566	305	5960	221	3074	0	0	4894	5039	-1180	13114	0	13114	1875	14989	49.98
MUs	142.95	15.77	4.70	163.43	6.18	75.06	0.00	1.28	141.65	143.10	-23.47	365.57	0.00	365.57	44.04	409.61	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/Jan/2017

Position as on 6.30 Hrs of 30/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	
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 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.	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.	
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	withdraw on BTL ,converted to zero schedule w.e.f 16.12.2016 at 00:00	

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

Position as on 6.30 Hrs of 30/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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	Koyna STG- IV Unit - 1	250	19/01/2017	17.00	29/01/2017	12.35	GV Bolt Replacement.	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	27/01/2017	06.00	29/01/2017	13.57	Gas shortage	
MSPGCL	Uran Unit A0	120	27/01/2017	06.00	29/01/2017	19.18	Gas shortage	
MSPGCL	Koradi Unit 10	660	28/01/2017	15.59	29/01/2017	02.24	BFP Tripped.	
MSPGCL	Bhusawal Unit 5	500	28/01/2017	20.08	29/01/2017	03.03	Drum level low	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Paras Unit 4	250	29/01/2017	06.48	29/01/2017	09.10	Drum level low	
MSPGCL	Koradi Unit-8	660	29/01/2017	22.05		Continued.	FD Fan Problem.	

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

Statement-VII

Position as on 6.30 Hrs of 30/Jan/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	28/01/2017	22.58	29/01/2017	03.48	PO	Line Maintenance work
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	28/01/2017	16.41	29/01/2017	06.39	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/01/2017	16.51		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	30/01/2017	02.03	30/01/2017	03.17	T	Distance Protection
karad -kolhapur-II	IntraState	28/01/2017	16.32	29/01/2017	08.32	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/01/2017	16.34	29/01/2017	08.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/01/2017	20.06	29/01/2017	06.39	HT	Over Voltage
Padghe - Kalwa-II	IntraState	29/01/2017	07.42	29/01/2017	11.52	PO	Repairing Of Damaged Conductor.
Main Bus - II @ Kalwa	IntraState	29/01/2017	07.51	29/01/2017	11.29	PO	Repairing Of Damaged Conductor.
karad -kolhapur-I	IntraState	29/01/2017	16.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/01/2017	16.48		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/01/2017	18.04	30/01/2017	06.29	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.
Magar Patta City- Serum	IntraState	28/01/2017	09.55		Continued.	PO	Routine Maintenance Work
Bableshtar- Alephata	IntraState	29/01/2017	00.21	29/01/2017	14.02	HT	Sparking on Wave Trap at Bableshtar End.
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	Augmentation 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.
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	29/01/2017	10.09	29/01/2017	22.14	PO	Routine Maintenance Work

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