

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Dec/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.451	1625.349	1) Gujrat	2.906	14.014
2) Hydro	7.669	73.425	2) Madhya Pradesh	13.854	190.029
3) Gas	9.787	142.989	3) Chattisgarh	7.360	99.910
Total MSPGCL	144.907	1841.763	4) Maharashtra Net	101.900	1642.093
B) 1) APML	53.634	640.861	5) Goa (Amona)	-0.990	-12.386
2) JSWEL	17.658	226.133	Total	125.030	1933.660
3) VIPL	12.320	163.915	a) Mumbai Schedule	18.409	311.935
4) RPL(AMT)	10.777	143.512	b) Mumbai Drawl	17.909	332.081
5) WPCL	4.240	58.027	c) MSEDCL Bilateral *	30.118	506.908
6) PGPL	0.000	0.000	Include PX	-1.507	86.613
7) Other IPP	11.695	164.997	d) Mumbai Bilateral *	18.409	311.935
C) 1) TPCL Thermal	13.894	122.652	Include PX	-0.242	25.420
2) TPCL Hydro	3.795	69.823	Include Standby	0.000	0.000
3) TPCL Gas	3.894	56.192	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.341	135.776	1) MSEDCL	367.661	5008.483
D) STATE			2) Mumbai Discoms	49.833	716.524
1) Thermal	262.010	3281.222	TOTAL STATE	417.494	5725.007
(A1+C1+C4+(B1-B6))					
2) Hydro	11.464	143.248			
(A2+C2)					
3) Gas	13.681	199.181			
(A3+B6+C3)					
4) Wind	2.368	130.023			
6) SOLAR	2.941	37.673			
TOTAL STATE	292.464	3791.347			

* 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	5717	5711	5200	4555
MSPGCL Hydro	824	515	396	129
MSPGCL Gas	409	421	436	458
MSPGCL Total Generation	6950	6647	6032	5142
Central Sector Receipt	5921	6322	5614	4094
WIND	81	85	55	259
CPP / IPP Thermal	5073	5108	4693	3871
CPP / IPP Gas	0	0	0	0
SOLAR	456	459	0	0
Exchange with Mumbai	-924	-1046	-997	-624
MSEDCL DEMAND MET	17557	17575	15397	12742
Load Shedding	0	0	0	0
MSEDCL DEMAND	17557	17575	15397	12742
TPCL GENERATION	1207	1008	1133	743
R-INFRA GENERATION	504	504	378	375
MUMBAI DEMAND	2635	2558	2508	1742
STATE DEMAND MET	20192	20133	17905	14484
STATE DEMAND	20192	20133	17905	14484
Frequency (Hz)	49.93	49.96	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 12.02 Hrs	49.72 Hz at 09.24 Hrs	49.95	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 14/Dec/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	42.96	0	0
Unit 8	9.21	119.38	653	0
Unit 9	11.13	150.70	632	371
Unit 10	9.52	24.64	465	370
Total	29.86	337.69		
Bhusawal				
Unit 3	0.00	22.99	0	0
Unit 4	9.56	107.22	460	350
Unit 5	9.78	107.09	490	350
Total	19.34	237.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.49	63.64	191	182
Unit 7	0.00	12.88	0	0
Unit 8	3.85	54.78	172	152
Total	8.34	131.30		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	8.84	12.40	385	346
Unit 6	8.64	124.53	375	330
Unit 7	8.78	135.19	382	348
Unit 8	8.28	135.22	360	335
Unit 9	9.31	136.12	422	349
Total	43.85	561.95		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.35	59.88	255	189
Total	5.35	59.88		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.85	52.23	170	150
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.45	132.63	360	350
Total	12.30	184.87		
Nasik				
Unit 3	4.20	56.03	200	158
Unit 4	4.22	56.33	202	159
Unit 5	0.00	0.00	0	0
Total	8.41	112.36		
Uran				
All Units	9.79	142.99	458	309
Total	9.79	142.99		
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)	0.35	2.86	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.35	2.86		
Koyna				
Stage 1-2	1.96	28.10	250	40
Stage 4	0.73	4.17	416	0
Stage 3	0.94	7.82	160	0
Total	3.63	40.08		
Hydro				
KDPH	0.86	3.15	36	36
VTRNA	0.00	0.02	0	0
TILLARI	0.37	5.18	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	3.60	70	0
RNGR+BHTSA	0.40	5.53	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.96	5.73	49	37
GHATGHAR	1.32	10.13	125	0
Total	4.04	33.34		
Wind				
Total	2.37	130.02	0	0
Total	2.37	130.02		
CPP				
APML(Mus)	53.63	640.86	0	0
JSWEL(Mus)	17.66	226.13	0	0
VIPL(Mus)	12.32	163.92	0	0
RPLAMT(Mus)	10.78	143.51	0	0
WPCL(Mus)	4.24	58.03	0	0
Other(Mus)	11.70	165.00	0	0
Total	110.32	1397.44		
SOLAR				
Total	2.94	37.67	0	0
Total	2.94	37.67		
Tata				
Trombay 5	8.70	115.49	491	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	34.94	114	78
Trombay 7B	1.48	21.25	67	55
Trombay 8	5.19	7.17	240	200
TATA Hydro	3.80	69.82	438	0
Total	21.58	248.67		
R-INFRA				
DTPS U-1&2	10.34	135.78	504	375
Total	10.34	135.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.45	1625.35	MSPGCL Total	144.91	1841.76
			MSPGCL Thml+Gas	137.24	1768.34	Koyna 1,2 & 4 Total	2.69	32.27
			MSPGCL Hydro	7.67	73.42	State Total	292.46	3791.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Dec/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	5007	131	443	5581	143	3913	0	0	3918	3824	-509	12952	0	12952	1590	14542	49.98
2	4988	131	442	5561	84	3943	0	0	3848	3903	-425	13066	0	13066	1468	14534	49.97
3	4975	146	433	5554	93	3961	0	0	3967	4039	-379	13268	0	13268	1400	14668	49.97
4	4973	131	442	5546	67	3954	0	0	4210	3949	-352	13164	0	13164	1369	14533	50.01
5	4954	141	434	5529	71	3965	0	0	4653	4316	-356	13525	0	13525	1375	14900	50.00
6	5176	335	364	5875	75	4086	0	0	5090	5400	-463	14973	0	14973	1513	16486	49.92
7	5863	569	309	6741	76	4841	0	3	5416	5383	-432	16612	0	16612	1732	18344	49.90
8	6016	513	328	6857	43	5224	0	56	5605	5679	-526	17333	0	17333	1913	19246	49.94
9	5997	486	328	6811	67	5297	0	169	5631	5691	-699	17336	0	17336	2154	19490	49.87
10	5900	462	342	6704	55	5301	0	302	5595	5480	-866	16976	0	16976	2421	19397	49.87
11	5716	472	368	6556	93	5115	0	410	5895	6108	-922	17360	0	17360	2580	19940	49.96
12	5717	824	409	6950	81	5073	0	456	6095	5921	-924	17557	0	17557	2635	20192	49.93
13	5711	515	421	6647	85	5108	0	459	6139	6322	-1046	17575	0	17575	2558	20133	49.96
14	5700	335	423	6458	112	5088	0	418	5985	5901	-880	17097	0	17097	2436	19533	49.98
15	5684	335	433	6452	89	5053	0	333	5988	6051	-894	17084	0	17084	2433	19517	49.96
16	5638	313	420	6371	75	5057	0	228	6023	6061	-945	16847	0	16847	2431	19278	49.90
17	5640	324	430	6394	77	5230	0	100	5689	5880	-903	16778	0	16778	2430	19208	49.88
18	5457	169	412	6038	48	5056	0	7	5413	5256	-938	15467	0	15467	2422	17889	49.89
19	5200	396	436	6032	55	4693	0	0	5331	5614	-997	15397	0	15397	2508	17905	49.97
20	4783	343	417	5543	36	4372	0	0	5398	5599	-1025	14525	0	14525	2415	16940	49.96
21	4625	206	438	5269	123	4265	0	0	5435	5221	-1102	13776	0	13776	2277	16053	49.97
22	4605	129	431	5165	195	3965	0	0	4987	4922	-944	13303	0	13303	2109	15412	50.01
23	4571	134	426	5131	266	3895	0	0	4318	4416	-758	12950	0	12950	1922	14872	49.98
24	4555	129	458	5142	259	3871	0	0	4054	4094	-624	12742	0	12742	1742	14484	50.00
MUs	127.45	7.67	9.79	144.91	2.37	110.32	0.00	2.94	124.68	125.03	-17.91	367.66	0.00	367.66	49.83	417.49	49.95

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 14/Dec/2017

Position as on 6.30 Hrs of 15/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.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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 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.	De-commissioned on dt. 01.04.2017	
RGPPL	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-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem,Water shortage	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 3	210	06/12/2017	23.52		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Dec/2017

Position as on 6.30 Hrs of 15/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10		Continued.	poor coal receipt.	
MSPGCL	Uran Unit 7	108	13/12/2017	12.25		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	14/12/2017	05.14	14/12/2017	11.00	Drum level low	
MSPGCL	Uran Unit 8	108	14/12/2017	05.16	14/12/2017	07.07	Drum level low	
MSPGCL	Koradi Unit-8	660	14/12/2017	19.27		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-4	270	15/12/2017	00.00		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 15/Dec/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
Dabhol Nagothane I	InterState	13/12/2017	07.50		Continued.	PO	cold washing, insul. repl and miscl. work.(RFC 20.30 DT.14-12-2017)
Dhule Sar'Sarovar I	InterState	13/12/2017	18.02	14/12/2017	05.39	HT	Over Voltage
Alkud-Solapur(PG)	InterState	14/12/2017	11.03	14/12/2017	15.36	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	14/12/2017	18.06		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	13/12/2017	17.12	14/12/2017	13.36	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/12/2017	17.16	14/12/2017	10.32	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/12/2017	18.06	14/12/2017	06.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/12/2017	23.29	14/12/2017	06.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/12/2017	17.32		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	14/12/2017	17.36		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/12/2017	17.40		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	10/12/2017	08.52		Continued.	T	Replacement of ICT-1 R-PH CT.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	13/12/2017	20.54		Continued.	T	Differential protection
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	14/12/2017	09.45	14/12/2017	19.55	PO	Annual Maintenance Work
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	14/12/2017	10.20	14/12/2017	19.55	PO	OLTC Overhauling work
400/220 KV 315MVA ICT II @ Parli	IntraState	14/12/2017	19.37		Continued.	EO	To attend Red Hot Spot(Shifted on TBC)
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.
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)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
New Koyna - Loteparshuram	IntraState	09/12/2017	08.31		Continued.	PO	Insulator Replacement Work
Lonikand - Bhosari	IntraState	14/12/2017	10.22	14/12/2017	17.50	PO	Line Maintenance work
Karad - Vita Ckt- II	IntraState	14/12/2017	10.40	14/12/2017	18.41	PO	Line Maintenance work
Kandalgaon - Pirangut	IntraState	14/12/2017	14.50	14/12/2017	22.37	PO	Bus Outage at kandalgaon
Kandalgaon - Sona Alloys	IntraState	14/12/2017	14.52	14/12/2017	22.39	PO	Bus Outage at kandalgaon
Kandalgaon - ONGC Panvel	IntraState	14/12/2017	14.56	14/12/2017	22.30	PO	Bus Outage at kandalgaon
Dasturi-Kandalgaon Line	IntraState	14/12/2017	14.58		Continued.	PO	Bus Outage at kandalgaon
Vilebagad-Kandalgaon(Inox tap)	IntraState	14/12/2017	15.00	14/12/2017	22.27	PO	Bus Outage at kandalgaon
Kandalgaon - Bhira	IntraState	14/12/2017	15.02	14/12/2017	22.40	PO	Bus Outage at kandalgaon
Kandalgaon - Koyna	IntraState	14/12/2017	15.08	14/12/2017	22.30	PO	Bus Outage at kandalgaon
Nanded-Ghatodi	IntraState	14/12/2017	15.31	14/12/2017	18.40	PO	Testing Work

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 14/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 15/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli(U-VIII) GCR CKT	IntraState	14/12/2017	19.56	14/12/2017	21.50	PO	Spacing observed in Line Isolator
Dahanu Ghodbunder Line 2	IntraState	15/12/2017	02.37		Continued.	T	Tripped
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 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	04/12/2017	10.43		Continued.	PO	tf refurbishment work.
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	14/12/2017	10.23	14/12/2017	14.05	EO	To attend Hot Spot
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	14/12/2017	14.53	14/12/2017	18.33	PO	Repl.of Copper clamp
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-li	IntraState	14/12/2017	02.20	14/12/2017	02.40	T	Distance Protection
Umarkhed-Tamsa	IntraState	14/12/2017	10.52	14/12/2017	10.57	T	Backup Protection
Amalner(220kv)-Chopda	IntraState	14/12/2017	19.51	14/12/2017	20.02	T	Distance Protection

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