

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.808	2828.953	1) Gujrat	-0.474	14.937
2) Hydro	6.453	132.593	2) Madhya Pradesh	12.224	310.404
3) Gas	10.541	234.209	3) Chattisgarh	6.970	165.990
Total MSPGCL	132.802	3195.755	4) Maharashtra Net	107.443	2666.158
B) 1) APML	52.478	1169.269	5) Goa (Amona)	-0.770	-21.824
2) JSWEL	16.662	397.524	Total	125.393	3135.665
3) VIPL	11.766	275.845	a) Mumbai Schedule	19.275	489.698
4) RPL(AMT)	5.309	217.322	b) Mumbai Drawl	19.449	537.663
5) WPCL	3.973	98.569	c) MSEDCL Bilateral *	23.300	765.698
6) PGPL	0.000	0.000	Include PX	-6.407	51.808
7) Other IPP	16.211	302.574	d) Mumbai Bilateral *	19.275	489.698
C) 1) TPCL Thermal	13.200	248.427	Include PX	1.095	22.984
2) TPCL Hydro	0.508	108.277	Include Standby	0.000	0.000
3) TPCL Gas	3.917	91.449	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.022	224.938	1) MSEDCL	354.904	8599.914
D) STATE			2) Mumbai Discoms	42.095	1210.753
1) Thermal	240.429	5763.421	TOTAL STATE	396.999	9810.667
(A1+C1+C4+(B1-B6))					
2) Hydro	6.961	240.870			
(A2+C2)					
3) Gas	14.458	325.658			
(A3+B6+C3)					
4) Wind	6.612	277.073			
6) SOLAR	3.147	67.981			
TOTAL STATE	271.607	6675.003			

* 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	5310	5328	4648	4562
MSPGCL Hydro	758	266	441	139
MSPGCL Gas	430	425	420	427
MSPGCL Total Generation	6498	6019	5509	5128
Central Sector Receipt	6430	6436	5552	3676
WIND	96	92	224	193
CPP / IPP Thermal	5004	5003	4536	3895
CPP / IPP Gas	0	0	0	0
SOLAR	476	472	1	0
Exchange with Mumbai	-858	-802	-1063	-836
MSEDCL DEMAND MET	17646	17220	14759	12056
Load Shedding	0	0	0	0
MSEDCL DEMAND	17646	17220	14759	12056
TPCL GENERATION	881	933	742	686
R-INFRA GENERATION	251	250	195	195
MUMBAI DEMAND	1990	1985	2000	1717
STATE DEMAND MET	19636	19205	16759	13773
STATE DEMAND	19636	19205	16759	13773
Frequency (Hz)	49.90	49.92	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.76 Hz at 22.07 Hrs	49.96	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/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	0.31	119.69	190	0
Unit 9	0.00	232.29	0	0
Unit 10	10.43	128.90	563	350
Total	10.74	523.84		
Bhusawal				
Unit 3	4.02	59.32	180	155
Unit 4	10.02	201.32	500	350
Unit 5	9.98	202.98	505	355
Total	24.01	463.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	108.13	191	180
Unit 7	0.00	12.88	0	0
Unit 8	3.82	92.62	165	154
Total	8.26	213.62		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	9.79	110.06	460	350
Unit 6	8.92	213.57	395	335
Unit 7	9.67	232.85	455	355
Unit 8	0.00	143.56	0	0
Unit 9	9.49	232.74	453	345
Total	37.88	951.28		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.22	111.94	257	189
Total	5.22	111.94		
Khaparkheda				
Unit 1	3.64	24.44	160	130
Unit 2	3.82	89.77	165	155
Unit 3	0.00	0.00	0	0
Unit 4	3.87	33.39	165	160
Unit 5	10.11	230.34	500	360
Total	21.44	377.94		
Nasik				
Unit 3	4.14	95.82	196	158
Unit 4	0.00	69.94	0	0
Unit 5	4.12	20.94	191	160
Total	8.26	186.70		
Uran				
All Units	10.54	234.21	474	414
Total	10.54	234.21		
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)	0.61	5.85	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.61	5.85		
Koyna				
Stage 1-2	3.22	49.26	410	40
Stage 4	0.35	5.73	220	0
Stage 3	0.88	12.63	160	0
Total	4.45	67.62		
Hydro				
KDPH	0.00	6.31	0	0
VTRNA	0.86	5.30	61	0
TILLARI	0.00	8.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	5.62	60	0
RNGR+BHTSA	0.40	9.49	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.25	0.65	11	8
SMLHY_PTN	0.27	11.18	12	11
GHATGHAR	0.12	18.00	103	0
Total	2.01	64.98		
Wind				
Total	6.61	277.07	0	0
Total	6.61	277.07		
CPP				
APML(Mus)	52.48	1169.27	0	0
JSWEL(Mus)	16.66	397.52	0	0
VIPL(Mus)	11.77	275.84	0	0
RPLAMT(Mus)	5.31	217.32	0	0
WPCL(Mus)	3.97	98.57	0	0
Other(Mus)	16.21	302.57	0	0
Total	106.40	2461.10		
SOLAR				
Total	3.15	67.98	0	0
Total	3.15	67.98		
Tata				
Trombay 5	8.19	192.29	484	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	56.19	115	64
Trombay 7B	1.50	35.26	68	50
Trombay 8	5.01	56.14	245	198
TATA Hydro	0.51	108.28	162	0
Total	17.62	448.15		
R-INFRA				
DTPS U-1&2	5.02	224.94	251	192
Total	5.02	224.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.81	2828.95	MSPGCL Total	132.80	3195.76
			MSPGCL Thml+Gas	126.35	3063.16	Koyna 1,2 & 4 Total	3.56	54.99
			MSPGCL Hydro	6.45	132.59	State Total	271.61	6675.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4379	181	457	5017	470	3937	0	0	4064	4147	-755	12816	0	12816	1622	14438	49.95
2	4363	141	457	4961	522	3922	0	0	4044	3779	-642	12542	0	12542	1498	14040	49.96
3	4366	140	457	4963	551	3949	0	0	3745	3829	-597	12695	0	12695	1421	14116	49.97
4	4360	150	457	4967	672	3928	0	0	3721	3835	-559	12843	0	12843	1370	14213	49.97
5	4372	195	456	5023	607	3972	0	0	3871	4219	-566	13255	0	13255	1378	14633	49.97
6	4422	170	454	5046	500	4099	0	0	4772	4954	-653	13946	0	13946	1462	15408	49.98
7	4727	323	474	5524	464	4112	0	0	5566	5823	-712	15211	0	15211	1527	16738	49.97
8	4831	604	467	5902	369	4187	0	37	6201	6546	-743	16298	0	16298	1576	17874	49.95
9	5125	608	465	6198	235	4565	0	179	6288	6443	-828	16792	0	16792	1695	18487	49.92
10	5230	406	467	6103	143	4846	0	316	6391	6124	-954	16578	0	16578	1823	18401	49.90
11	5275	397	447	6119	113	4957	0	415	6447	6268	-1016	16856	0	16856	1940	18796	49.91
12	5310	758	430	6498	96	5004	0	476	6762	6430	-858	17646	0	17646	1990	19636	49.90
13	5328	266	425	6019	92	5003	0	472	6585	6436	-802	17220	0	17220	1985	19205	49.92
14	5354	163	419	5936	96	4924	0	457	6395	6290	-751	16952	0	16952	1911	18863	49.97
15	5353	163	419	5935	96	5019	0	378	6378	6195	-704	16919	0	16919	1866	18785	49.98
16	5361	82	419	5862	87	5093	0	276	6225	6001	-672	16647	0	16647	1817	18464	49.97
17	5395	84	421	5900	103	5088	0	126	5982	5812	-802	16227	0	16227	1789	18016	49.97
18	5341	142	423	5906	115	4952	0	14	5701	5070	-915	15142	0	15142	1827	16969	50.00
19	4648	441	420	5509	224	4536	0	1	5257	5552	-1063	14759	0	14759	2000	16759	49.99
20	4408	298	423	5129	249	4290	0	0	5117	5319	-1003	13984	0	13984	2047	16031	49.94
21	4396	138	420	4954	214	4193	0	0	5112	4817	-1049	13129	0	13129	2019	15148	49.99
22	4426	168	423	5017	204	4012	0	0	4069	4075	-1030	12278	0	12278	1990	14268	49.98
23	4476	296	414	5186	197	3916	0	0	3880	3752	-939	12112	0	12112	1826	13938	49.96
24	4562	139	427	5128	193	3895	0	0	3989	3676	-836	12056	0	12056	1717	13773	50.02
MUs	115.81	6.45	10.54	132.80	6.61	106.40	0.00	3.15	126.56	125.39	-19.45	354.90	0.00	354.90	42.10	397.00	49.96

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/Dec/2017

Position as on 6.30 Hrs of 25/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-8	500	16/12/2017	00.16		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 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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
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.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)	
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	14/12/2017	19.27	24/12/2017	21.11	Poor Coal Receipt	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	18/12/2017	09.50		Continued.	Boiler Tube Leakage, Not available on account of poor coal receipt from 14:00hrs of 21.12.2017	

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

Position as on 6.30 Hrs of 25/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
MSPGCL	Uran Unit 8	108	22/12/2017	09.39		Continued.	Turbine oil Leakage	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth Fault	
RINFRA-G	REL Unit 1	250	23/12/2017	23.56		Continued.	Boiler Validity Extension.	

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

Statement-VII

Position as on 6.30 Hrs of 25/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	24/12/2017	07.01		Continued.	PO	OLTC Work At Padgha End.
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/12/2017	07.01		Continued.	PO	OLTC Work At Padgha End.
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	23/12/2017	17.14	24/12/2017	08.23	HT	Over Voltage
Akola Wardha li	InterState	24/12/2017	08.20	24/12/2017	18.59	PO	Repl. Of Insulator With Polymer Insulator.
Akola Wardha I	InterState	24/12/2017	08.24	24/12/2017	18.55	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	24/12/2017	17.25		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/12/2017	17.46	24/12/2017	10.30	HT	Over Voltage
karad -kolhapur-II	IntraState	23/12/2017	17.50	24/12/2017	10.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/12/2017	18.54	24/12/2017	08.23	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/12/2017	10.32	24/12/2017	11.25	T	DT Sent From Bblr End.
karad -kolhapur-I	IntraState	24/12/2017	17.15		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/12/2017	17.18		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/12/2017	18.28		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/12/2017	10.30	24/12/2017	14.26	PO	Oil Topup 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.
Solapur(PG)- Jeur	InterState	23/12/2017	18.47	24/12/2017	04.43	T	D/P PH To Earth D-21.8Km Code:2651 Trail Taken At 19.25 Tripped On Soft.
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 Koyana - Loteparshuram	IntraState	18/12/2017	10.56		Continued.	PO	Jumper Replacement Work.
Osmanabad - Barshi	IntraState	22/12/2017	12.44		Continued.	PO	Panel Wiring work
Kalwa - Mulund 1	IntraState	23/12/2017	08.45		Continued.	PO	Bay Stringing work at Mulund 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 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)

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