

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jan/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.493	248.384	1) Gujrat	1.929	3.013
2) Hydro	6.954	13.695	2) Madhya Pradesh	12.678	24.476
3) Gas	10.814	21.657	3) Chattisgarh	4.920	10.950
Total MSPGCL	148.261	283.736	4) Maharashtra Net	95.251	187.924
B) 1) APML	49.244	102.074	5) Goa (Amona)	-0.924	-1.826
2) JSWEL	17.800	34.886	Total	113.854	224.537
3) VIPL	12.328	24.184	a) Mumbai Schedule	16.521	32.171
4) RPL(AMT)	5.336	10.672	b) Mumbai Drawl	16.923	31.149
5) WPCL	2.538	6.625	c) MSEDCL Bilateral *	15.168	31.443
6) PGPL	0.000	0.000	Include PX	-0.565	-1.647
7) Other IPP	12.964	25.379	d) Mumbai Bilateral *	16.521	32.171
C) 1) TPCL Thermal	13.750	27.033	Include PX	0.283	-1.414
2) TPCL Hydro	2.530	5.751	Include Standby	0.000	0.000
3) TPCL Gas	4.332	8.685	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.384	20.516	1) MSEDCL	352.880	694.189
D) STATE			2) Mumbai Discoms	47.923	93.138
1) Thermal	254.837	499.753	TOTAL STATE	400.803	787.327
(A1+C1+C4+(B1-B6))					
2) Hydro	9.484	19.446			
(A2+C2)					
3) Gas	15.146	30.342			
(A3+B6+C3)					
4) Wind	4.410	7.069			
6) SOLAR	3.068	6.176			
TOTAL STATE	286.945	562.786			

* 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	5962	5870	5587	4891
MSPGCL Hydro	478	426	326	108
MSPGCL Gas	433	429	444	450
MSPGCL Total Generation	6874	6726	6356	5450
Central Sector Receipt	5814	5687	5338	3163
WIND	134	156	154	285
CPP / IPP Thermal	5004	4971	4151	3587
CPP / IPP Gas	0	0	0	0
SOLAR	468	468	1	0
Exchange with Mumbai	-908	-890	-1038	-291
MSEDCL DEMAND MET	17386	17118	14963	12194
Load Shedding	0	0	0	0
MSEDCL DEMAND	17386	17118	14963	12194
TPCL GENERATION	1122	1085	964	677
R-INFRA GENERATION	504	504	377	377
MUMBAI DEMAND	2534	2479	2379	1345
STATE DEMAND MET	19920	19597	17342	13539
STATE DEMAND	19920	19597	17342	13539
Frequency (Hz)	49.96	49.98	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.74 Hz at 05.43 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 02/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.49	7.08	150	140
Unit 8	11.81	23.15	630	440
Unit 9	0.00	0.00	0	0
Unit 10	11.39	22.10	572	385
Total	26.70	52.32		
Bhusawal				
Unit 3	4.23	8.28	200	150
Unit 4	10.15	19.70	495	350
Unit 5	10.13	19.74	500	345
Total	24.51	47.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	8.86	188	181
Unit 7	0.00	0.00	0	0
Unit 8	3.83	7.80	167	153
Total	8.27	16.66		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.12	20.03	465	350
Unit 6	8.94	9.13	395	282
Unit 7	9.87	19.62	451	346
Unit 8	0.00	0.00	0	0
Unit 9	9.88	19.54	458	350
Total	38.80	68.33		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.42	10.72	255	188
Total	5.42	10.72		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.98	7.99	175	155
Unit 3	0.00	0.00	0	0
Unit 4	4.01	7.85	180	150
Unit 5	10.32	19.95	490	357
Total	18.31	35.79		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.25	8.44	200	157
Unit 5	4.24	8.41	198	160
Total	8.49	16.84		
Uran				
All Units	10.81	21.66	478	426
Total	10.81	21.66		
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)	0.37	0.82	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.37	0.82		
Koyna				
Stage 1-2	1.88	3.76	325	40
Stage 4	0.00	0.26	0	0
Stage 3	0.83	1.41	80	0
Total	2.72	5.44		
Hydro				
KDPH	0.44	1.22	19	18
VTRNA	0.90	1.64	61	0
TILLARI	0.37	0.80	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.22	77	0
RNGR+BHTSA	0.38	0.76	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.10	0.33	10	0
SMLHY_PTN	0.66	1.27	38	24
GHATGHAR	1.28	2.03	125	0
Total	4.24	8.26		
Wind				
Total	4.41	7.07	0	0
Total	4.41	7.07		
CPP				
APML(Mus)	49.24	102.07	0	0
JSWEL(Mus)	17.80	34.89	0	0
VIPL(Mus)	12.33	24.18	0	0
RPLAMT(Mus)	5.34	10.67	0	0
WPCL(Mus)	2.54	6.62	0	0
Other(Mus)	12.96	25.38	0	0
Total	100.21	203.82		
SOLAR				
Total	3.07	6.18	0	0
Total	3.07	6.18		
Tata				
Trombay 5	8.49	16.69	482	162
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	5.51	115	114
Trombay 7B	1.59	3.18	67	65
Trombay 8	5.26	10.35	251	199
TATA Hydro	2.53	5.75	285	0
Total	20.61	41.47		
R-INFRA				
DTPS U-1&2	10.38	20.52	505	375
Total	10.38	20.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.49	248.38	MSPGCL Total	148.26	283.74
			MSPGCL Thml+Gas	141.31	270.04	Koyna 1,2 & 4 Total	1.88	4.03
			MSPGCL Hydro	6.95	13.70	State Total	286.94	562.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Jan/2018

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	4852	114	472	5438	118	3754	0	0	3525	3419	-456	12274	0	12274	1525	13799	50.00
2	4904	108	459	5472	174	3653	0	0	3372	3217	-343	12173	0	12173	1408	13581	50.01
3	4891	108	450	5450	285	3587	0	0	3243	3163	-291	12194	0	12194	1345	13539	49.99
4	4890	110	470	5470	315	3619	0	0	3293	3219	-249	12374	0	12374	1304	13678	50.00
5	4875	120	456	5450	323	3628	0	0	3520	3663	-271	12793	0	12793	1325	14118	49.97
6	5098	232	443	5772	326	3724	0	0	4257	4391	-400	13813	0	13813	1456	15269	49.95
7	5784	258	467	6510	332	4377	0	0	4835	4841	-556	15504	0	15504	1647	17151	50.00
8	5854	610	478	6942	269	4734	0	32	5117	4919	-546	16350	0	16350	1821	18171	49.97
9	5827	480	464	6772	161	4906	0	147	5203	5122	-614	16494	0	16494	2090	18584	49.95
10	5902	456	457	6814	121	4982	0	291	5229	5310	-779	16739	0	16739	2337	19076	49.85
11	5944	516	461	6922	113	5002	0	391	5476	5573	-923	17077	0	17077	2508	19585	49.94
12	5962	478	433	6874	134	5004	0	468	5974	5814	-908	17386	0	17386	2534	19920	49.96
13	5870	426	429	6726	156	4971	0	468	5879	5687	-890	17118	0	17118	2479	19597	49.98
14	5854	432	427	6712	128	4809	0	461	5739	5535	-903	16742	0	16742	2355	19097	49.96
15	5842	390	426	6658	112	4792	0	388	5735	5835	-865	16920	0	16920	2343	19263	49.93
16	5831	340	436	6608	105	4359	0	268	5730	5767	-764	16343	0	16343	2344	18687	49.95
17	5870	418	439	6728	85	4286	0	133	5421	5608	-745	16095	0	16095	2338	18433	49.99
18	5738	178	433	6350	115	4219	0	20	5200	5004	-885	14823	0	14823	2326	17149	49.94
19	5587	326	444	6356	154	4151	0	1	5020	5338	-1038	14963	0	14963	2379	17342	49.95
20	5445	192	447	6084	194	4008	0	0	4976	4994	-1007	14274	0	14274	2318	16592	49.95
21	4942	178	452	5572	194	3545	0	0	5012	4948	-1026	13233	0	13233	2189	15422	49.97
22	4921	158	455	5534	170	3483	0	0	4543	4497	-918	12766	0	12766	2025	14791	50.00
23	4929	162	457	5548	177	3303	0	0	4223	3978	-788	12218	0	12218	1846	14064	49.95
24	4881	162	459	5502	149	3310	0	0	3672	4012	-758	12215	0	12215	1677	13892	50.00
MUs	130.49	6.95	10.81	148.26	4.41	100.21	0.00	3.07	114.19	113.85	-16.92	352.88	0.00	352.88	47.92	400.80	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 02/Jan/2018

Position as on 6.30 Hrs of 03/Jan/2018

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	
TPC-G	Trombay 5	500	02/01/2018	23.48		Continued.	Boiler Recertification Work.	
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	
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)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage (Converted to zero schedule w.e.f 01.01.2018, 00:00Hrs)	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jan/2018

Position as on 6.30 Hrs of 03/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Fault	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	BTL, not available on account of PCR w.e.f 30.12.2017 at 18:00Hrs	
MSPGCL	Chandrapur Unit 6	500	28/12/2017	11.41	02/01/2018	22.31	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	30/12/2017	14.24		Continued.	Thrust Bearing Trip	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 1	210	31/12/2017	15.47	03/01/2018	00.17	Boiler Tube Leakage	
CPP	SWPGL U-4	135	02/01/2018	01.24	02/01/2018	08.37	Bus fault at warora sub station.	
CPP	SWPGL U-3	135	02/01/2018	01.24	02/01/2018	14.15	Bus fault at warora sub station.	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 03/Jan/2018

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 I	InterState	01/01/2018	15.49	02/01/2018	08.33	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	02/01/2018	08.05	02/01/2018	18.35	PO	Replacement of Insulator string.
Akola Wardha li	InterState	02/01/2018	09.23	02/01/2018	19.25	PO	Line Maintenance work
Koradi Bhilai	InterState	02/01/2018	10.22	02/01/2018	15.11	PO	Testing of CVT.
Dhule Sar'Sarovar II	InterState	02/01/2018	16.57		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/12/2017	17.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/01/2018	16.49	03/01/2018	07.17	HT	Over Voltage
karad -kolhapur-I	IntraState	01/01/2018	18.05		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/01/2018	19.38	02/01/2018	08.52	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/01/2018	17.20		Continued.	HT	Over Voltage
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	01/01/2018	08.44		Continued.	PO	Conductor replacement work at LOC no 92-94.
V Warora - Waroralytss1	IntraState	02/01/2018	01.24	02/01/2018	03.45	T	50 mva 220/33KV all LVCT Burst
Wani-Warora	IntraState	02/01/2018	01.24	02/01/2018	04.25	T	50 mva 220/33KV all LVCT Burst
Wpcl-Warora 1	IntraState	02/01/2018	01.24	02/01/2018	04.20	T	50 mva 220/33KV all LVCT Burst
Wpcl-Warora 2	IntraState	02/01/2018	01.24	02/01/2018	02.39	T	50 mva 220/33KV all LVCT Burst
Warora - Wardha	IntraState	02/01/2018	01.24	02/01/2018	04.18	T	50 mva 220/33KV all LVCT Burst
Warora - Hinganghat	IntraState	02/01/2018	01.24	02/01/2018	02.39	T	50 mva 220/33KV all LVCT Burst
Warora - Warora Rly Tss 2	IntraState	02/01/2018	01.24	02/01/2018	04.26	T	50 mva 220/33KV all LVCT Burst
Vita - Mhaishal	IntraState	02/01/2018	10.00	02/01/2018	13.51	PO	Testing Work
Satara (MIDC)-Ajinkyatara	IntraState	02/01/2018	10.50	02/01/2018	14.25	PO	Quarterly Maintainance Work
Vita-Wayphale	IntraState	02/01/2018	13.57	02/01/2018	17.19	PO	Testing Work
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 100MVA ICT-1@Anjangaon	IntraState	01/01/2018	12.47		Continued.	T	OSR tripped, LV directional E/F.
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	02/01/2018	09.10	02/01/2018	15.53	PO	Attending Oil Leakage
220/100 KV 200 MVA ICT II @Padghe	IntraState	02/01/2018	10.13	02/01/2018	19.04	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							

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 02/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 03/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Daryapur-Anjangaon	IntraState	01/01/2018	12.47	02/01/2018	09.00	T	Tripped as 100mva ICT tripped at 220kv anjangaon s/s.