

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jan/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.742	2913.657	1) Gujrat	0.415	21.167
2) Hydro	7.386	248.989	2) Madhya Pradesh	17.243	348.847
3) Gas	10.576	234.995	3) Chattisgarh	6.860	158.580
Total MSPGCL	138.704	3397.641	4) Maharashtra Net	113.435	2670.662
B) 1) APML	40.645	1132.742	5) Goa (Amona)	-0.638	-17.600
2) JSWEL	17.601	440.470	Total	137.315	3181.656
3) VIPL	8.708	264.034	a) Mumbai Schedule	23.118	593.965
4) RPL(AMT)	22.498	402.665	b) Mumbai Drawl	23.739	657.905
5) WPCL	4.315	99.526	c) MSEDCL Bilateral *	29.310	501.727
6) PGPL	0.000	0.000	Include PX	11.496	69.593
7) Other IPP	12.240	289.376	d) Mumbai Bilateral *	23.118	591.240
C) 1) TPCL Thermal	13.838	155.422	Include PX	9.778	157.941
2) TPCL Hydro	3.324	117.543	Include Standby	0.000	2.726
3) TPCL Gas	3.360	95.874	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.259	159.782	1) MSEDCL	366.609	8753.362
D) STATE			2) Mumbai Discoms	49.520	1186.533
1) Thermal	245.846	5857.674	TOTAL STATE	416.129	9939.895
(A1+C1+C4+(B1-B6))					
2) Hydro	10.710	366.532			
(A2+C2)					
3) Gas	13.936	330.869			
(A3+B6+C3)					
4) Wind	4.540	126.417			
6) SOLAR	3.782	76.740			
TOTAL STATE	278.814	6758.232			

* 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 2 Hrs
MSPGCL Thermal	5444	5429	5182	4383
MSPGCL Hydro	393	183	310	116
MSPGCL Gas	456	431	444	469
MSPGCL Total Generation	6293	6043	5936	4968
Central Sector Receipt	7053	6862	5712	4465
WIND	155	173	114	202
CPP / IPP Thermal	4945	4895	4604	3841
CPP / IPP Gas	0	0	0	0
SOLAR	533	538	0	0
Exchange with Mumbai	-1226	-1203	-1308	-603
MSEDCL DEMAND MET	17753	17308	15058	12873
Load Shedding	0	0	0	0
MSEDCL DEMAND	17753	17308	15058	12873
TPCL GENERATION	1097	1055	922	673
R-INFRA GENERATION	251	252	197	189
MUMBAI DEMAND	2574	2510	2427	1465
STATE DEMAND MET	20327	19818	17485	14338
STATE DEMAND	20327	19818	17485	14338
Frequency (Hz)	49.97	50.00	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.73 Hz at 18.13 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/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	11.28	246.19	552	360
Unit 9	10.94	198.59	539	360
Unit 10	0.00	210.38	0	0
Total	22.22	678.56		
Bhusawal				
Unit 3	3.95	42.81	175	160
Unit 4	10.15	211.84	500	345
Unit 5	10.11	241.66	495	350
Total	24.21	496.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.62	115.19	199	181
Unit 7	0.00	0.00	0	0
Unit 8	4.62	76.44	201	185
Total	9.24	191.63		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.49	243.66	475	362
Unit 6	0.00	22.82	0	0
Unit 7	10.39	241.55	470	360
Unit 8	0.00	0.00	0	0
Unit 9	10.70	244.21	486	357
Total	31.58	752.24		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.38	72.61	250	185
Total	5.38	135.99		
Khaparkheda				
Unit 1	3.62	33.55	165	130
Unit 2	3.80	96.14	160	155
Unit 3	0.00	0.00	0	0
Unit 4	3.86	94.96	163	159
Unit 5	8.55	240.12	360	349
Total	19.85	464.78		
Nasik				
Unit 3	4.24	72.88	195	159
Unit 4	4.02	99.20	178	159
Unit 5	0.00	22.07	0	0
Total	8.26	194.14		
Uran				
All Units	10.58	235.00	475	385
Total	10.58	235.00		
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)	0.07	3.57	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	3.57		
Koyna				
Stage 1-2	2.14	69.20	315	40
Stage 4	1.80	55.52	482	0
Stage 3	0.59	27.55	160	0
Total	4.53	152.27		
Hydro				
KDPH	0.87	14.45	37	36
VTRNA	0.90	21.37	60	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	6.75	80	0
RNGR+BHTSA	0.37	8.55	16	15
BHANDARDRA	0.11	0.12	26	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.48	16.87	31	17
GHATGHAR	0.00	24.33	0	0
Total	2.86	96.72		
Wind				
Total	4.54	126.42	0	0
Total	4.54	126.42		
CPP				
APML(Mus)	40.64	1132.74	0	0
JSWEL(Mus)	17.60	440.47	0	0
VIPL(Mus)	8.71	264.03	0	0
RPLAMT(Mus)	22.50	402.66	0	0
WPCL(Mus)	4.32	99.53	0	0
Other(Mus)	12.24	289.38	0	0
Total	106.01	2628.81		
SOLAR				
Total	3.78	76.74	0	0
Total	3.78	76.74		
Tata				
Trombay 5	8.54	79.75	485	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	60.24	100	65
Trombay 7B	1.35	35.64	61	50
Trombay 8	5.30	75.68	247	197
TATA Hydro	3.32	117.54	329	0
Total	20.52	368.84		
R-INFRA				
DTPS U-1&2	5.26	159.78	252	189
Total	5.26	159.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.74	2913.66	MSPGCL Total	138.70	3397.64
			MSPGCL Thml+Gas	131.32	3148.65	Koyna 1,2 & 4 Total	3.94	124.72
			MSPGCL Hydro	7.39	248.99	State Total	278.81	6758.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4379	171	449	4999	377	3815	0	0	4911	4574	-729	13036	0	13036	1593	14629	49.98
2	4383	116	469	4968	202	3841	0	0	4525	4465	-603	12873	0	12873	1465	14338	49.98
3	4380	116	457	4953	197	3827	0	0	4410	4603	-546	13034	0	13034	1403	14437	50.01
4	4408	111	449	4968	244	3841	0	0	4411	4467	-512	13008	0	13008	1360	14368	50.00
5	4455	111	469	5035	236	3847	0	0	4916	4990	-536	13572	0	13572	1386	14958	49.97
6	4739	285	449	5473	219	4017	0	0	5164	5416	-664	14461	0	14461	1514	15975	49.95
7	5357	475	473	6305	228	4499	0	1	6000	6141	-769	16405	0	16405	1730	18135	49.98
8	5440	572	467	6479	234	4911	0	35	6306	6234	-758	17135	0	17135	1927	19062	49.93
9	5431	918	475	6824	192	4887	0	198	6263	6290	-857	17534	0	17534	2167	19701	49.94
10	5424	873	446	6743	200	4909	0	352	6234	6258	-984	17478	0	17478	2412	19890	49.96
11	5432	833	441	6706	185	4911	0	457	6594	6513	-1132	17640	0	17640	2565	20205	49.98
12	5444	393	456	6293	155	4945	0	533	7020	7053	-1226	17753	0	17753	2574	20327	49.97
13	5429	183	431	6043	173	4895	0	538	7027	6862	-1203	17308	0	17308	2510	19818	50.00
14	5442	174	429	6045	159	4793	0	536	6704	6679	-1212	17000	0	17000	2401	19401	49.98
15	5439	167	435	6041	142	4752	0	470	6706	6857	-1209	17053	0	17053	2430	19483	49.93
16	5469	192	427	6088	119	4747	0	367	6728	6590	-1222	16689	0	16689	2436	19125	49.95
17	5450	167	429	6046	114	4770	0	230	6163	6187	-1153	16194	0	16194	2434	18628	49.94
18	5436	179	431	6046	91	4803	0	65	5583	5291	-1193	15103	0	15103	2410	17513	49.93
19	5182	310	444	5936	114	4604	0	0	5544	5712	-1308	15058	0	15058	2427	17485	49.90
20	5114	345	426	5885	160	4537	0	0	5528	5775	-1361	14996	0	14996	2417	17413	49.95
21	4948	180	399	5527	230	4345	0	0	5374	5277	-1384	13995	0	13995	2284	16279	49.90
22	4708	185	403	5296	223	3969	0	0	5287	5090	-1249	13329	0	13329	2078	15407	50.00
23	4468	180	385	5033	178	3772	0	0	5218	5125	-1052	13056	0	13056	1889	14945	49.96
24	4385	150	437	4972	168	3768	0	0	4946	4866	-877	12897	0	12897	1708	14605	49.95
MUs	120.74	7.39	10.58	138.70	4.54	106.01	0.00	3.78	137.56	137.32	-23.74	366.61	0.00	366.61	49.52	416.13	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/Jan/2018

Position as on 6.30 Hrs of 25/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	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
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 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	
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	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jan/2018

Position as on 6.30 Hrs of 25/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	22/01/2018	09.30		Continued.	Maintenance work	
IPP	Adani U-3	660	23/01/2018	02.14		Continued.	APH-3A Current Hunting & Jamming.	
MSPGCL	Ghatghar Unit-1	125	23/01/2018	17.00		Continued.	Bearing Cooling problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 25/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	23/01/2018	17.21	24/01/2018	07.25	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/01/2018	17.57		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	22/01/2018	08.27	24/01/2018	05.51	PO	Cold Line Cleaning Work RFC 22.01.2018.
karad -kolhapur-II	IntraState	23/01/2018	17.05	24/01/2018	09.32	HT	Over Voltage
Karad - Lonikand 1	IntraState	23/01/2018	17.58	24/01/2018	07.32	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	23/01/2018	18.11	24/01/2018	07.14	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	24/01/2018	05.24	24/01/2018	17.22	T	Distance Protection
Girwali- Lonikand 2	IntraState	24/01/2018	08.47	24/01/2018	10.07	T	Distance Protection
Chandrapu II - Chandrapur SW Ckt II	IntraState	24/01/2018	10.19	24/01/2018	18.40	PO	Testing Work
karad -kolhapur-I	IntraState	24/01/2018	18.09		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/01/2018	18.11		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	24/01/2018	10.59	24/01/2018	18.17	PO	Oil Top Up 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.
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
Nagothane - Ipcl	IntraState	16/01/2018	11.42		Continued.	PO	Line Bunching Work For Height Rising For Railway Line.
IPCL - SPCL	IntraState	16/01/2018	12.07		Continued.	PO	Line Bunching Work Height Rising For Railway Line.
Badnera-Akola li	IntraState	23/01/2018	09.40	24/01/2018	14.45	PO	Isolator Repl. Under Les Scheme.
Kalwa - Taloja	IntraState	23/01/2018	10.28		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Apta - Kalwa	IntraState	23/01/2018	10.59		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Karad(400kv) - Wathar	IntraState	24/01/2018	02.15	24/01/2018	02.55	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	24/01/2018	02.50	24/01/2018	03.15	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	24/01/2018	02.50	24/01/2018	09.55	T	Distance Protection
Mahad - Pedambe	IntraState	24/01/2018	04.03	24/01/2018	08.20	T	Distance Protection
Adlabs - Pedambe	IntraState	24/01/2018	04.03	24/01/2018	08.15	T	Distance Protection
Kadegaon-Miraj	IntraState	24/01/2018	05.00	24/01/2018	05.20	T	Distance Protection
Vita - Miraj	IntraState	24/01/2018	05.00	24/01/2018	17.18	T	137B Decapped M/C Tower, R PH, Tripped On D P, Trial At 06:42 But Tripped Again.
Miraj - Mhaishal	IntraState	24/01/2018	05.20	24/01/2018	09.53	T	Distance Protection
Vita - Mhaishal	IntraState	24/01/2018	05.20	24/01/2018	13.33	T	Distance Protection

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 24/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 25/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kadegaon-Miraj	IntraState	24/01/2018	05.34	24/01/2018	06.50	T	Distance Protection
Lonikand-II- Kathapur	IntraState	24/01/2018	06.03	24/01/2018	06.23	T	Distance Protection
Dahanu Versova	IntraState	24/01/2018	08.27	24/01/2018	20.58	PO	Line Maintenance work
Kharepatan -Pawas Line	IntraState	24/01/2018	09.07	24/01/2018	18.03	PO	Insulator Cleaning.
Mudshingi-Belewadi	IntraState	24/01/2018	10.15	24/01/2018	12.30	PO	Line Maintenance work
Ghatghar - Bapgaon	IntraState	24/01/2018	10.57	24/01/2018	18.05	PO	Testing Work
Butibori-Abhijeet	IntraState	24/01/2018	11.50	24/01/2018	16.00	PO	Tan Delta Measurment of CTs
Karad(400kv) - Wathar	IntraState	24/01/2018	13.56	24/01/2018	16.27	EO	Line Maintenance work
Miraj - Mhaishal	IntraState	24/01/2018	14.32	24/01/2018	17.21	PO	Safety Purpose.
Main Bus I @ Dahanu	IntraState	24/01/2018	15.18	24/01/2018	19.32	PO	Routine Maintenance 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 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	24/01/2018	09.52	24/01/2018	17.55	PO	Line Maintenance work

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