

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jan/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.153	2792.915	1) Gujrat	1.389	20.752
2) Hydro	13.594	241.603	2) Madhya Pradesh	17.465	331.604
3) Gas	10.773	224.419	3) Chattisgarh	7.170	151.720
Total MSPGCL	147.520	3258.937	4) Maharashtra Net	113.087	2557.227
B) 1) APML	32.299	1092.097	5) Goa (Amona)	-0.726	-16.962
2) JSWEL	18.572	422.869	Total	138.385	3044.341
3) VIPL	9.099	255.326	a) Mumbai Schedule	22.058	570.847
4) RPL(AMT)	22.815	380.167	b) Mumbai Drawl	24.434	634.166
5) WPCL	4.354	95.211	c) MSEDCL Bilateral *	28.444	472.417
6) PGPL	0.000	0.000	Include PX	10.194	58.096
7) Other IPP	12.329	277.136	d) Mumbai Bilateral *	22.058	568.122
C) 1) TPCL Thermal	14.331	141.584	Include PX	8.356	148.164
2) TPCL Hydro	3.379	114.219	Include Standby	0.000	2.726
3) TPCL Gas	4.212	92.514	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.153	154.523	1) MSEDCL	374.160	8386.753
D) STATE			2) Mumbai Discoms	51.513	1137.013
1) Thermal	242.105	5611.828	TOTAL STATE	425.673	9523.766
(A1+C1+C4+(B1-B6))					
2) Hydro	16.973	355.822			
(A2+C2)					
3) Gas	14.985	316.933			
(A3+B6+C3)					
4) Wind	9.765	121.877			
6) SOLAR	3.456	72.958			
TOTAL STATE	287.284	6479.418			

* 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	5691	5678	5166	4376
MSPGCL Hydro	1220	1106	199	169
MSPGCL Gas	454	430	457	468
MSPGCL Total Generation	7365	7214	5822	5013
Central Sector Receipt	7021	7044	5751	4438
WIND	261	320	545	487
CPP / IPP Thermal	4369	4349	4432	3833
CPP / IPP Gas	0	0	0	0
SOLAR	522	514	0	0
Exchange with Mumbai	-1279	-1243	-1326	-886
MSEDCL DEMAND MET	18259	18198	15224	12885
Load Shedding	0	0	0	0
MSEDCL DEMAND	18259	18198	15224	12885
TPCL GENERATION	1186	1143	906	680
R-INFRA GENERATION	251	252	189	189
MUMBAI DEMAND	2716	2638	2421	1755
STATE DEMAND MET	20975	20836	17645	14640
STATE DEMAND	20975	20836	17645	14640
Frequency (Hz)	49.94	49.99	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.01 Hrs	49.8 Hz at 06.49 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 23/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	12.03	234.91	614	350
Unit 9	11.61	187.65	571	351
Unit 10	0.00	210.38	0	0
Total	23.64	656.34		
Bhusawal				
Unit 3	3.83	38.86	160	150
Unit 4	10.18	201.69	490	350
Unit 5	10.29	231.56	495	350
Total	24.30	472.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.57	110.57	196	172
Unit 7	0.00	0.00	0	0
Unit 8	4.64	71.82	204	174
Total	9.21	182.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.43	233.17	470	350
Unit 6	0.00	22.82	0	0
Unit 7	10.37	231.16	465	355
Unit 8	0.00	0.00	0	0
Unit 9	10.96	233.51	484	357
Total	31.76	720.66		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.47	67.23	254	185
Total	5.47	130.62		
Khaparkheda				
Unit 1	3.71	29.92	160	145
Unit 2	3.90	92.34	190	145
Unit 3	0.00	0.00	0	0
Unit 4	3.92	91.10	180	154
Unit 5	8.97	231.57	450	354
Total	20.50	444.93		
Nasik				
Unit 3	4.15	68.64	195	160
Unit 4	4.14	95.17	190	158
Unit 5	0.00	22.07	0	0
Total	8.28	185.88		
Uran				
All Units	10.77	224.42	468	428
Total	10.77	224.42		
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)	0.02	3.50	10	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	3.50		
Koyna				
Stage 1-2	3.24	67.06	500	40
Stage 4	4.68	53.72	750	0
Stage 3	1.80	26.96	240	0
Total	9.72	147.74		
Hydro				
KDPH	0.87	13.58	37	36
VTRNA	0.93	20.47	60	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	6.63	57	0
RNGR+BHTSA	0.35	8.18	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.52	16.39	32	19
GHATGHAR	0.99	24.33	125	0
Total	3.87	93.86		
Wind				
Total	9.76	121.88	0	0
Total	9.76	121.88		
CPP				
APML(Mus)	32.30	1092.10	0	0
JSWEL(Mus)	18.57	422.87	0	0
VIPL(Mus)	9.10	255.33	0	0
RPLAMT(Mus)	22.82	380.17	0	0
WPCL(Mus)	4.35	95.21	0	0
Other(Mus)	12.33	277.14	0	0
Total	99.47	2522.81		
SOLAR				
Total	3.46	72.96	0	0
Total	3.46	72.96		
Tata				
Trombay 5	9.15	71.20	478	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	58.23	114	101
Trombay 7B	1.55	34.29	66	62
Trombay 8	5.18	70.38	242	199
TATA Hydro	3.38	114.22	406	0
Total	21.92	348.32		
R-INFRA				
DTPS U-1&2	5.15	154.52	252	189
Total	5.15	154.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.15	2792.92	MSPGCL Total	147.52	3258.94
			MSPGCL Thml+Gas	133.93	3017.33	Koyna 1,2 & 4 Total	7.93	120.78
			MSPGCL Hydro	13.59	241.60	State Total	287.28	6479.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4372	292	453	5117	311	3870	0	0	4860	5028	-888	13438	0	13438	1758	15196	49.95
2	4500	142	445	5087	329	3813	0	0	4837	4762	-746	13245	0	13245	1621	14866	49.98
3	4684	111	466	5261	364	3582	0	0	4802	4801	-666	13342	0	13342	1538	14880	49.96
4	4706	121	449	5276	355	3534	0	0	4786	4905	-620	13450	0	13450	1494	14944	50.00
5	4939	160	466	5565	299	3568	0	0	4827	5034	-629	13837	0	13837	1501	15338	49.99
6	5377	230	447	6054	301	3995	0	0	5130	5484	-708	15126	0	15126	1629	16755	49.94
7	5429	968	468	6865	233	4194	0	6	5860	5912	-703	16507	0	16507	1838	18345	49.90
8	5433	1554	460	7447	213	4357	0	46	6194	6445	-780	17728	0	17728	2009	19737	49.96
9	5418	1673	459	7550	251	4390	0	170	6117	6343	-882	17822	0	17822	2265	20087	49.97
10	5490	1638	453	7581	242	4399	0	315	6063	6420	-1070	17887	0	17887	2538	20425	49.99
11	5639	1312	438	7389	215	4385	0	428	6408	6722	-1197	17942	0	17942	2701	20643	49.93
12	5691	1220	454	7365	261	4369	0	522	6850	7021	-1279	18259	0	18259	2716	20975	49.94
13	5678	1106	430	7214	320	4349	0	514	6758	7044	-1243	18198	0	18198	2638	20836	49.99
14	5595	659	430	6684	402	4215	0	484	6710	6828	-1133	17480	0	17480	2473	19953	50.02
15	5500	455	428	6383	603	4275	0	433	6795	6846	-1175	17365	0	17365	2553	19918	49.96
16	5514	282	441	6237	662	4372	0	327	6671	6486	-1194	16890	0	16890	2461	19351	49.96
17	5481	365	431	6277	677	4552	0	172	6133	6180	-1162	16696	0	16696	2453	19149	49.91
18	5407	229	434	6070	632	4547	0	39	5549	5364	-1252	15400	0	15400	2407	17807	49.96
19	5166	199	457	5822	545	4432	0	0	5628	5751	-1326	15224	0	15224	2421	17645	50.00
20	5097	192	439	5728	472	4616	0	0	5388	5401	-1299	14918	0	14918	2397	17315	49.92
21	4666	169	444	5279	488	4147	0	0	5258	5415	-1311	14018	0	14018	2280	16298	49.96
22	4542	174	465	5181	548	3844	0	0	5012	4924	-1226	13271	0	13271	2120	15391	49.99
23	4453	174	448	5075	555	3829	0	0	4888	4831	-1059	13231	0	13231	1943	15174	49.99
24	4376	169	468	5013	487	3833	0	0	4636	4438	-886	12885	0	12885	1755	14640	50.01
MUs	123.15	13.59	10.77	147.52	9.77	99.47	0.00	3.46	136.16	138.38	-24.43	374.16	0.00	374.16	51.51	425.67	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 23/Jan/2018

Position as on 6.30 Hrs of 24/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								
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 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	Khaparkhedda 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	Koyna STG-IV Unit-3	250	15/01/2018	11.15	23/01/2018	15.43	GTA/GEV Emergency stop relay operated.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jan/2018

Position as on 6.30 Hrs of 24/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	18/01/2018	23.08	23/01/2018	13.42	bunkering problem.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage	
MSPGCL	Koyana Unit 4	75	20/01/2018	08.50		Continued.	Previous Maintenance.	
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/Tripping for 23/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 24/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/Tripping							
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	22/01/2018	17.36	23/01/2018	07.09	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/01/2018	17.21		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.
Khadka-Aurangabad (Waluj)	IntraState	22/01/2018	17.07	23/01/2018	07.02	HT	Over Voltage
karad -kolhapur-I	IntraState	22/01/2018	17.48	23/01/2018	10.01	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/01/2018	17.51	23/01/2018	10.04	HT	Over Voltage
karad -kolhapur-II	IntraState	23/01/2018	17.05		Continued.	HT	Over Voltage
Karad - Lonikand 1	IntraState	23/01/2018	17.58		Continued.	T	DP, 7.6KAMP, Z-1, R-B
Khadka-Aurangabad (Waluj)	IntraState	23/01/2018	18.11		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	24/01/2018	05.24		Continued.	T	Distance Protection
400 KV ICT Outages/Tripping							
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	22/01/2018	09.17	23/01/2018	01.40	PO	OLTC Overhauling Work.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	23/01/2018	07.14	23/01/2018	20.35	PO	Routine Maintenance Work
400/220KV 500MVA ICT-I @Nanded	IntraState	23/01/2018	16.32	23/01/2018	18.10	PO	Shifting Of Oil Tank.
220 KV LINE Outages/Tripping							
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.
Dahanu Ghodbunder Line 2	IntraState	23/01/2018	08.10	23/01/2018	18.32	PO	Routine Maintenance Work
Badnera-Akola li	IntraState	23/01/2018	09.40		Continued.	PO	Isolator Repl. Under Les Scheme.
Butibori - Purti	IntraState	23/01/2018	10.04	23/01/2018	15.43	PO	Measurement Of CB Timing And CRM Measurement Of TAN Delta Of CT
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.
Padghe-Kamba II	IntraState	23/01/2018	13.11	23/01/2018	17.00	EO	Attending Hot Spot
Phursungi-Parvati	IntraState	23/01/2018	14.07	23/01/2018	16.12	T	DP, D-7.64, Z-1, B-E, 2194 AMP
Talandage - Sawantwadi I	IntraState	23/01/2018	14.12	23/01/2018	18.57	T	DP R-E
Padghe - Nalasopara	IntraState	23/01/2018	16.35	23/01/2018	16.48	T	DP, D-58KM, Z-2, R-E
Karad(400kv) - Wathar	IntraState	24/01/2018	02.15	24/01/2018	02.55	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 23/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 24/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Loteparshuram- Dasturi Line	IntraState	24/01/2018	02.50		Continued.	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	24/01/2018	02.50	24/01/2018	03.15	T	Distance Protection
Adlabs - Pedambe	IntraState	24/01/2018	04.03		Continued.	T	Distance Protection
Mahad - Pedambe	IntraState	24/01/2018	04.03		Continued.	T	Distance Protection
Kadegaon-Miraj	IntraState	24/01/2018	05.00	24/01/2018	05.20	T	Distance Protection
Vita - Mhaishal	IntraState	24/01/2018	05.20		Continued.	T	Distance Protection
Miraj - Mhaishal	IntraState	24/01/2018	05.20		Continued.	T	Distance Protection
Kadegaon-Miraj	IntraState	24/01/2018	05.34		Continued.	T	Distance Protection
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)
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	23/01/2018	10.30	23/01/2018	19.50	PO	Line Maintenance work
220/132kv 100MVA ICT II @Satara Midc	IntraState	23/01/2018	10.40	23/01/2018	18.50	PO	CT Replacement Work.

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