

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jan/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.120	2669.762	1) Gujrat	1.775	19.363
2) Hydro	9.074	228.009	2) Madhya Pradesh	16.454	314.139
3) Gas	10.726	213.646	3) Chattisgarh	7.170	144.550
Total MSPGCL	141.920	3111.417	4) Maharashtra Net	112.751	2444.140
B) 1) APML	41.104	1059.798	5) Goa (Amona)	-0.638	-16.236
2) JSWEL	18.577	404.297	Total	137.512	2905.956
3) VIPL	9.609	246.227	a) Mumbai Schedule	23.521	548.789
4) RPL(AMT)	22.538	357.352	b) Mumbai Drawl	25.221	609.732
5) WPCL	4.079	90.857	c) MSEDCL Bilateral *	27.399	443.974
6) PGPL	0.000	0.000	Include PX	9.482	47.902
7) Other IPP	12.980	264.807	d) Mumbai Bilateral *	23.521	546.063
C) 1) TPCL Thermal	14.519	127.253	Include PX	7.452	139.807
2) TPCL Hydro	2.935	110.840	Include Standby	0.000	2.726
3) TPCL Gas	4.271	88.302	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.246	149.370	1) MSEDCL	370.095	8012.593
D) STATE			2) Mumbai Discoms	52.192	1085.500
1) Thermal	250.772	5369.723	TOTAL STATE	422.287	9098.093
(A1+C1+C4+(B1-B6))					
2) Hydro	12.009	338.849			
(A2+C2)					
3) Gas	14.997	301.948			
(A3+B6+C3)					
4) Wind	3.392	112.112			
6) SOLAR	3.605	69.502			
TOTAL STATE	284.775	6192.134			

* 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	5429	5516	5146	4377
MSPGCL Hydro	1009	659	261	110
MSPGCL Gas	429	425	443	459
MSPGCL Total Generation	6867	6600	5850	4946
Central Sector Receipt	6813	6933	5830	4514
WIND	141	140	100	104
CPP / IPP Thermal	4963	4938	4689	3909
CPP / IPP Gas	0	0	0	0
SOLAR	510	526	4	0
Exchange with Mumbai	-1342	-1291	-1399	-617
MSEDCL DEMAND MET	17952	17846	15074	12856
Load Shedding	0	0	0	0
MSEDCL DEMAND	17952	17846	15074	12856
TPCL GENERATION	1135	1120	950	679
R-INFRA GENERATION	250	252	190	189
MUMBAI DEMAND	2727	2663	2539	1485
STATE DEMAND MET	20679	20509	17613	14341
STATE DEMAND	20679	20509	17613	14341
Frequency (Hz)	49.96	49.97	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.77 Hz at 06.44 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 22/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	11.01	222.88	550	350
Unit 9	11.02	176.04	561	351
Unit 10	3.63	210.38	500	0
Total	25.66	632.70		
Bhusawal				
Unit 3	2.28	35.03	180	0
Unit 4	10.03	191.51	485	345
Unit 5	10.00	221.26	500	345
Total	22.30	447.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	106.00	250	190
Unit 7	0.00	0.00	0	0
Unit 8	4.63	67.18	204	185
Total	9.91	173.18		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.49	222.74	470	362
Unit 6	0.00	22.82	0	0
Unit 7	10.34	220.79	466	354
Unit 8	0.00	0.00	0	0
Unit 9	10.94	222.55	485	355
Total	31.77	688.90		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	3.04	61.76	255	0
Total	3.04	125.14		
Khaparkheda				
Unit 1	3.77	26.22	160	125
Unit 2	4.04	88.44	180	150
Unit 3	0.00	0.00	0	0
Unit 4	4.04	87.17	181	155
Unit 5	9.27	222.60	420	356
Total	21.11	424.44		
Nasik				
Unit 3	4.20	64.49	190	158
Unit 4	4.14	91.04	186	158
Unit 5	0.00	22.07	0	0
Total	8.33	177.60		
Uran				
All Units	10.73	213.65	474	424
Total	10.73	213.65		
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)	0.00	3.48	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	3.48		
Koyna				
Stage 1-2	2.91	63.82	450	40
Stage 4	1.51	49.04	500	0
Stage 3	1.03	25.16	160	0
Total	5.44	138.02		
Hydro				
KDPH	0.86	12.71	37	36
VTRNA	0.92	19.54	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	6.42	40	0
RNGR+BHTSA	0.34	7.83	15	14
BHANDARDRA	0.00	0.01	0	0
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.51	15.87	32	18
GHATGHAR	0.91	23.34	125	0
Total	3.63	89.99		
Wind				
Total	3.39	112.11	0	0
Total	3.39	112.11		
CPP				
APML(Mus)	41.10	1059.80	0	0
JSWEL(Mus)	18.58	404.30	0	0
VIPL(Mus)	9.61	246.23	0	0
RPLAMT(Mus)	22.54	357.35	0	0
WPCL(Mus)	4.08	90.86	0	0
Other(Mus)	12.98	264.81	0	0
Total	108.89	2423.34		
SOLAR				
Total	3.60	69.50	0	0
Total	3.60	69.50		
Tata				
Trombay 5	9.27	62.06	476	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	55.57	114	106
Trombay 7B	1.57	32.74	66	64
Trombay 8	5.25	65.20	242	199
TATA Hydro	2.94	110.84	317	0
Total	21.72	326.40		
R-INFRA				
DTPS U-1&2	5.25	149.37	252	188
Total	5.25	149.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.12	2669.76	MSPGCL Total	141.92	3111.42
			MSPGCL Thml+Gas	132.85	2883.41	Koyna 1,2 & 4 Total	4.42	112.85
			MSPGCL Hydro	9.07	228.01	State Total	284.78	6192.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4369	121	467	4957	149	3928	0	0	4758	4715	-817	12932	0	12932	1695	14627	50.03
2	4389	115	446	4950	120	3925	0	0	4679	4579	-691	12883	0	12883	1557	14440	49.98
3	4377	110	459	4946	104	3909	0	0	4746	4514	-617	12856	0	12856	1485	14341	50.01
4	4430	135	470	5035	137	3903	0	0	4427	4516	-576	13015	0	13015	1439	14454	49.96
5	4734	115	451	5300	146	4090	0	0	4770	4679	-587	13628	0	13628	1451	15079	50.01
6	4820	204	471	5495	141	4178	0	0	5207	5196	-710	14300	0	14300	1572	15872	49.94
7	5486	501	462	6449	113	4692	0	0	5916	5646	-791	16109	0	16109	1791	17900	49.93
8	5712	244	474	6430	112	4914	0	39	6262	6331	-782	17044	0	17044	1961	19005	49.93
9	5660	399	451	6510	79	5058	0	176	6044	6208	-930	17101	0	17101	2231	19332	49.94
10	5417	808	465	6690	119	5007	0	344	6014	5997	-1030	17127	0	17127	2490	19617	49.91
11	5343	1053	436	6832	155	4998	0	442	6440	6443	-1291	17579	0	17579	2686	20265	49.97
12	5429	1009	429	6867	141	4963	0	510	6863	6813	-1342	17952	0	17952	2727	20679	49.96
13	5516	659	425	6600	140	4938	0	526	6829	6933	-1291	17846	0	17846	2663	20509	49.97
14	5570	454	426	6450	129	4920	0	519	6455	6829	-1156	17691	0	17691	2531	20222	50.02
15	5624	433	435	6492	144	4883	0	444	6487	6822	-1162	17623	0	17623	2539	20162	49.94
16	5679	432	424	6535	126	4924	0	351	6456	6368	-1160	17144	0	17144	2542	19686	49.92
17	5606	595	425	6626	123	4927	0	211	6063	6126	-1179	16834	0	16834	2551	19385	49.96
18	5437	261	430	6128	107	4888	0	39	5495	5531	-1216	15477	0	15477	2522	17999	49.99
19	5146	261	443	5850	100	4689	0	4	5510	5830	-1399	15074	0	15074	2539	17613	50.01
20	5085	276	437	5798	75	4653	0	0	5671	5931	-1426	15031	0	15031	2515	17546	49.99
21	4611	293	445	5349	117	4538	0	0	5441	5666	-1435	14235	0	14235	2407	16642	49.95
22	4576	298	451	5325	203	4175	0	0	5195	5440	-1350	13793	0	13793	2252	16045	50.00
23	4680	168	451	5299	295	3951	0	0	5334	5137	-1221	13461	0	13461	2106	15567	49.98
24	4424	130	453	5007	317	3835	0	0	5289	5262	-1062	13359	0	13359	1940	15299	49.95
MUs	122.1 2	9.07	10.73	141.92	3.39	108.89	0.00	3.60	136.35	137.51	-25.22	370.10	0.00	370.10	52.19	422.29	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 22/Jan/2018

Position as on 6.30 Hrs of 23/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	Bhusawal Unit 3	210	11/01/2018	23.33	22/01/2018	04.57	poor coal receipt.	
MSPGCL	Paras Unit 4	250	12/01/2018	00.01	22/01/2018	08.40	Water Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jan/2018

Position as on 6.30 Hrs of 23/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana STG-IV Unit-3	250	15/01/2018	11.15		Continued.	GTA/GEV Emergency stop relay operated.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	Adani U-5	660	18/01/2018	23.08		Continued.	bunkering problem.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	22/01/2018	05.36	22/01/2018	07.31	Furnace Pressure High	
MSPGCL	Bhusawal Unit 3	210	22/01/2018	08.21	22/01/2018	09.53	Main Steam Temp. High.	
CPP	SWPGL U-4	135	22/01/2018	08.57	22/01/2018	10.53	PA Fan problem	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 23/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	21/01/2018	17.12	22/01/2018	06.41	HT	Over Voltage
Chandrapur Bhadravati III	InterState	22/01/2018	10.19	22/01/2018	17.51	PO	Outage Taken By Powergrid For Replacement Of CVT
Dhule Sar'Sarovar I	InterState	22/01/2018	17.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/01/2018	16.51	22/01/2018	06.58	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/01/2018	18.24	22/01/2018	10.25	HT	Over Voltage
karad -kolhapur-II	IntraState	21/01/2018	18.28	22/01/2018	10.30	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	21/01/2018	21.26	22/01/2018	07.13	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	22/01/2018	08.27		Continued.	PO	Cold Line Cleaning Work RFC 22.01.2018.
Parly(MS)- Nanded ckt I	IntraState	22/01/2018	10.40	22/01/2018	16.14	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	22/01/2018	17.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/01/2018	17.48		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/01/2018	17.51		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	22/01/2018	09.17	23/01/2018	01.40	PO	OLTC Overhauling 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.
Padgha-Temghar-II	IntraState	21/01/2018	22.25	22/01/2018	08.17	HT	CT Replacment work
Taptitanda- Jalna ckt- I	IntraState	22/01/2018	08.55	22/01/2018	18.59	PO	Measurement Of Tan Delta Of CT Quarterly Maintenance Work. Stringing O 220kv Taptitanda Nagewadi D/C.
Taptitanda-Jalna ckt II	IntraState	22/01/2018	08.55	22/01/2018	18.58	PO	Stringing Of 220kv Taptitanda Nagewadi D/C.
New Koyna - Loteparshuram	IntraState	22/01/2018	09.06	22/01/2018	19.16	PO	Conductor Replacement Work.
Loteparshuram- Dasturi Line	IntraState	22/01/2018	10.28	22/01/2018	18.55	PO	Conductor Replacement Work.
Dhule - Dondaicha Ckt	IntraState	22/01/2018	10.46	22/01/2018	14.16	PO	Diagnostic 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)
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 22/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 23/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jalna (Old) - Jafrabad	IntraState	22/01/2018	06.27	22/01/2018	06.35	T	Distance Protection Operated Zone 1 5.3KA.R E. 3.57KM.
Warwat Bakal-Khamgaon	IntraState	22/01/2018	21.00	22/01/2018	22.31	T	Backup Protection Operated O/C & F/F CKT Tripped At Warwatbakal End Only.