

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.567	2890.223	1) Gujrat	-1.871	-32.234
2) Hydro	1.524	100.390	2) Madhya Pradesh	12.205	245.028
3) Gas	7.076	144.566	3) Chattisgarh	6.360	150.330
Total MSPGCL	148.167	3135.179	4) Maharashtra Net	102.289	2734.297
B) 1) APML	67.076	1480.467	5) Goa (Amona)	-0.550	-10.670
2) JSWEL	22.419	541.938	Total	118.433	3086.751
3) VIPL	10.000	147.079	a) Mumbai Schedule	20.769	477.969
4) RPL(AMT)	9.644	165.354	b) Mumbai Drawl	32.839	632.039
5) WPCL	4.917	93.671	c) MSEDCL Bilateral *	32.689	1007.063
6) PGPL	0.000	0.000	Include PX	4.066	272.442
7) Other IPP	14.494	296.236	d) Mumbai Bilateral *	20.769	465.784
C) 1) TPCL Thermal	12.362	289.234	Include PX	1.820	101.013
2) TPCL Hydro	3.637	72.779	Include Standby	0.000	12.185
3) TPCL Gas	4.414	96.135	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.034	213.848	1) MSEDCL	388.232	8594.657
D) STATE			2) Mumbai Discoms	62.286	1304.032
1) Thermal	289.513	6118.050	TOTAL STATE	450.518	9898.689
(A1+C1+C4+(B1-B6))					
2) Hydro	5.161	173.169			
(A2+C2)					
3) Gas	11.490	240.701			
(A3+B6+C3)					
4) Wind	20.097	160.982			
6) SOLAR	5.824	119.039			
TOTAL STATE	332.085	6811.941			

* 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 1 Hrs
MSPGCL Thermal	6057	6033	6088	5618
MSPGCL Hydro	86	87	153	16
MSPGCL Gas	283	280	286	293
MSPGCL Total Generation	6426	6400	6527	5927
Central Sector Receipt	6385	5668	4952	3968
WIND	957	1084	745	743
CPP / IPP Thermal	5748	5706	5922	4768
CPP / IPP Gas	0	0	0	0
SOLAR	834	851	0	0
Exchange with Mumbai	-1755	-1775	-1608	-1250
MSEDCL DEMAND MET	18595	17934	16538	14156
Load Shedding	0	0	0	0
MSEDCL DEMAND	18595	17934	16538	14156
TPCL GENERATION	976	946	1028	692
R-INFRA GENERATION	377	376	374	379
MUMBAI DEMAND	3108	3097	3010	2321
STATE DEMAND MET	21703	21031	19548	16477
STATE DEMAND	21703	21031	19548	16477
Frequency (Hz)	50.00	50.02	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 22.00 Hrs	49.84 Hz at 05.13 Hrs	50	% 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/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.44	20.96	160	0
Unit 7	0.00	0.00	0	0
Unit 8	5.90	162.70	335	0
Unit 9	7.79	173.38	400	294
Unit 10	7.81	170.58	420	291
Total	23.93	527.62		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.58	191.40	485	350
Unit 5	8.76	189.86	500	345
Total	17.33	381.25		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	105.65	250	194
Unit 7	0.00	0.00	0	0
Unit 8	4.81	108.08	250	179
Total	9.81	213.72		
Chandrapur				
Unit 3	4.10	33.26	190	160
Unit 4	4.10	20.66	189	134
Unit 5	9.10	206.68	420	350
Unit 6	9.58	181.97	460	360
Unit 7	9.49	208.34	444	360
Unit 8	10.25	180.74	449	370
Unit 9	10.32	219.52	455	358
Total	56.94	1051.18		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.22	102.73	250	193
Total	5.22	102.73		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.92	87.68	180	160
Unit 3	3.98	80.76	175	160
Unit 4	4.07	91.43	200	160
Unit 5	9.86	187.02	460	385
Total	21.83	446.89		
Nasik				
Unit 3	0.00	58.04	0	0
Unit 4	3.92	86.42	180	156
Unit 5	0.59	22.37	161	0
Total	4.51	166.83		
Uran				
All Units	7.08	144.57	308	278
Total	7.08	144.57		
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)	0.04	1.78	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.78		
Koyna				
Stage 1-2	0.00	28.60	0	0
Stage 4	0.00	12.56	0	0
Stage 3	0.00	9.46	0	0
Total	0.00	50.61		
Hydro				
KDPH	0.13	11.88	19	0
VTRNA	0.47	9.96	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.56	80	0
RNGR+BHTSA	0.36	8.28	16	15
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.07	4.20	12	0
GHATGHAR	0.32	7.28	120	0
Total	1.52	49.78		
Wind				
Total	20.10	160.98	0	0
Total	20.10	160.98		
CPP				
APML(Mus)	67.08	1480.47	0	0
JSWEL(Mus)	22.42	541.94	0	0
VIPL(Mus)	10.00	147.08	0	0
RPLAMT(Mus)	9.64	165.35	0	0
WPCL(Mus)	4.92	93.67	0	0
Other(Mus)	14.49	296.24	0	0
Total	128.55	2724.74		
SOLAR				
Total	5.82	119.04	0	0
Total	5.82	119.04		
Tata				
Trombay 5	7.48	184.62	316	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	61.11	117	115
Trombay 7B	1.61	35.02	68	66
Trombay 8	4.88	104.62	224	198
TATA Hydro	3.64	72.78	427	2
Total	20.41	458.15		
R-INFRA				
DTPS U-1&2	9.03	213.85	379	374
Total	9.03	213.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.57	2890.22	MSPGCL Total	148.17	3135.18
			MSPGCL Thml+Gas	146.64	3034.79	Koyna 1,2 & 4 Total	0.00	41.16
			MSPGCL Hydro	1.52	100.39	State Total	332.08	6811.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Nov/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	5618	16	293	5927	743	4768	0	0	4344	3968	-1250	14156	0	14156	2321	16477	49.99
2	5646	16	304	5966	786	4778	0	0	4259	4078	-1055	14553	0	14553	2123	16676	49.98
3	5636	16	306	5958	731	4794	0	0	4120	4031	-939	14575	0	14575	2009	16584	49.97
4	5566	16	305	5887	628	4773	0	0	4225	4328	-861	14755	0	14755	1929	16684	49.96
5	5495	16	305	5816	610	4906	0	0	4237	4735	-817	15250	0	15250	1889	17139	49.97
6	5822	16	307	6145	637	5259	0	0	4548	4886	-886	16041	0	16041	1975	18016	49.96
7	6135	16	307	6458	640	5714	0	11	5163	5170	-1017	16976	0	16976	2087	19063	49.99
8	6060	42	308	6410	549	5969	0	143	5440	5432	-1129	17374	0	17374	2231	19605	50.02
9	6200	76	305	6581	549	5890	0	403	5772	5464	-1344	17543	0	17543	2526	20069	50.02
10	6240	86	291	6617	775	5809	0	648	5704	5275	-1527	17597	0	17597	2836	20433	50.06
11	6259	86	296	6641	806	5778	0	789	6560	6074	-1727	18361	0	18361	3050	21411	50.00
12	6057	86	283	6426	957	5748	0	834	6506	6385	-1755	18595	0	18595	3108	21703	50.00
13	6033	87	280	6400	1084	5706	0	851	6178	5668	-1775	17934	0	17934	3097	21031	50.02
14	5742	87	280	6109	1010	5337	0	776	5839	5763	-1711	17284	0	17284	3002	20286	50.05
15	5714	79	278	6071	1040	5276	0	694	5892	5903	-1672	17312	0	17312	3036	20348	49.98
16	5697	118	279	6094	1057	5267	0	479	5434	5430	-1602	16725	0	16725	3050	19775	49.95
17	5734	101	282	6117	834	5326	0	183	4950	5154	-1514	16100	0	16100	3018	19118	49.96
18	5855	170	294	6319	671	5440	0	13	4759	4727	-1501	15669	0	15669	2980	18649	49.94
19	6088	153	286	6527	745	5922	0	0	4874	4952	-1608	16538	0	16538	3010	19548	49.98
20	5909	103	298	6310	760	5767	0	0	4836	4662	-1536	15963	0	15963	2899	18862	50.03
21	5586	34	290	5910	813	5390	0	0	4733	4628	-1511	15230	0	15230	2691	17921	50.01
22	5536	34	302	5872	999	5178	0	0	4393	4054	-1411	14692	0	14692	2535	17227	50.08
23	5475	35	303	5813	1256	4967	0	0	4165	3879	-1350	14565	0	14565	2463	17028	50.05
24	5464	35	294	5793	1417	4796	0	0	4061	3788	-1341	14453	0	14453	2421	16874	50.00
MUs	139.57	1.52	7.08	148.17	20.10	128.56	0.00	5.82	120.99	118.43	-32.84	388.24	0.00	388.24	62.29	450.53	50.00

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/Nov/2018

Position as on 6.30 Hrs of 23/Nov/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkhedda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 3	210	16/11/2018	16.55		Continued.	Withdrawn against dhariwal U-1	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	22/11/2018	07.32	22/11/2018	10.52	Flame Failure	
MSPGCL	Koradi Unit 6	210	22/11/2018	18.53		Continued.	heavy steam leakage of deaerator.	

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

Statement-VII

Position as on 6.30 Hrs of 23/Nov/2018

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 1	IntraState	19/11/2018	09.07		Continued.	PO	Annual outage for year 2018-19
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	21/11/2018	17.10	22/11/2018	06.44	HT	Over Voltage
Dabhol Nagothane II	InterState	21/11/2018	17.11	22/11/2018	08.48	T	Distance Protection R-PHASE, 5.46.KA,58KM From Nagothane (RFC @ 00:11).
Dhule Sar'Sarovar II	InterState	22/11/2018	18.08		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/11/2018	19.29	22/11/2018	10.45	HT	Over Voltage
Girwali- Lonikand 2	IntraState	22/11/2018	10.36	22/11/2018	11.02	PO	Out 50 MV AR line reactor to carry out DFRA test.
Karad - Lonikand 1	IntraState	22/11/2018	14.53		Continued.	PO	Line Maintenance work (RFC).
Nagothane - Dabhol-II	IntraState	22/11/2018	16.05	22/11/2018	17.15	PO	Tree cutting work.
Khadka-Aurangabad (Waluj)	IntraState	22/11/2018	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48		Continued.	HT	Emergency hand tripped due to heavy oil leakage
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
400/220KV 500MVA ICT1@koradi 2	IntraState	22/11/2018	09.13	22/11/2018	19.08	PO	High insulation coating on tertiary side.
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Mahindra Vehicle-Bridgestone	IntraState	22/11/2018	08.10	22/11/2018	17.43	PO	Safety work stringing on M/C tower on 132KV Chinchwad Chakan line.
Miraj - Mhaishal	IntraState	22/11/2018	09.11	22/11/2018	12.52	PO	Isolator alignment work.
Uran - Kharghar I	IntraState	22/11/2018	11.39		Continued.	PO	Conductor dismantling work.
Mahad - Pedambe	IntraState	22/11/2018	14.25	22/11/2018	23.15	PO	Work on R Phase of 220KV PT bay.
Telco- Chinchwad	IntraState	22/11/2018	16.01	22/11/2018	17.04	PO	Attend R PH CT oil leakage of 220KV Chinchwad-2 bay.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	22/11/2018	09.00	22/11/2018	19.00	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	22/11/2018	09.19	22/11/2018	18.17	PO	Routine Maintenance Work
220/132 Kv 100mva Cgl Ptr No 6 @Chinchwad	IntraState	22/11/2018	10.44	22/11/2018	16.28	PO	Annual Maintenance Work

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