

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.429	3023.652	1) Gujrat	-1.932	-34.166
2) Hydro	1.444	101.834	2) Madhya Pradesh	9.847	254.875
3) Gas	7.072	151.638	3) Chattisgarh	6.410	156.740
Total MSPGCL	141.945	3277.124	4) Maharashtra Net	95.812	2830.109
B) 1) APML	67.813	1548.280	5) Goa (Amona)	-0.616	-11.286
2) JSWEL	21.932	563.870	Total	109.521	3196.272
3) VIPL	9.993	157.072	a) Mumbai Schedule	22.890	500.859
4) RPL(AMT)	9.592	174.946	b) Mumbai Drawl	30.980	663.019
5) WPCL	4.802	98.473	c) MSEDCL Bilateral *	31.549	1038.612
6) PGPL	0.000	0.000	Include PX	2.982	275.424
7) Other IPP	14.677	310.913	d) Mumbai Bilateral *	22.890	488.674
C) 1) TPCL Thermal	12.310	301.544	Include PX	2.373	103.387
2) TPCL Hydro	3.240	76.019	Include Standby	0.000	12.185
3) TPCL Gas	4.413	100.548	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.116	222.964	1) MSEDCL	378.060	8972.717
D) STATE			2) Mumbai Discoms	60.059	1364.091
1) Thermal	283.664	6401.714	TOTAL STATE	438.119	10336.808
(A1+C1+C4+(B1-B6))					
2) Hydro	4.684	177.853			
(A2+C2)					
3) Gas	11.485	252.186			
(A3+B6+C3)					
4) Wind	23.232	184.214			
6) SOLAR	5.533	124.572			
TOTAL STATE	328.598	7140.539			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5632	5334	5871	5427
MSPGCL Hydro	145	127	33	34
MSPGCL Gas	295	281	297	305
MSPGCL Total Generation	6072	5742	6201	5766
Central Sector Receipt	5205	5805	4423	3316
WIND	1599	1271	421	1313
CPP / IPP Thermal	5704	5116	6058	4792
CPP / IPP Gas	0	0	0	0
SOLAR	735	827	0	0
Exchange with Mumbai	-1569	-1493	-1454	-1099
MSEDCL DEMAND MET	17746	17268	15649	14088
Load Shedding	0	0	0	0
MSEDCL DEMAND	17746	17268	15649	14088
TPCL GENERATION	924	1020	1065	687
R-INFRA GENERATION	376	375	389	378
MUMBAI DEMAND	2869	2888	2908	2164
STATE DEMAND MET	20615	20156	18557	16252
STATE DEMAND	20615	20156	18557	16252
Frequency (Hz)	49.97	49.92	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.76 Hz at 09.13 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 23/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	20.96	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.32	167.03	280	0
Unit 9	7.07	180.46	331	278
Unit 10	6.62	177.20	330	206
Total	18.02	545.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.12	200.52	500	350
Unit 5	8.76	198.61	425	345
Total	17.88	399.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	110.64	250	195
Unit 7	0.00	0.00	0	0
Unit 8	4.88	112.96	240	184
Total	9.88	223.60		
Chandrapur				
Unit 3	4.18	37.44	188	162
Unit 4	2.35	23.01	169	0
Unit 5	9.16	215.83	420	360
Unit 6	9.66	191.63	450	358
Unit 7	9.67	218.02	442	360
Unit 8	10.11	190.85	450	360
Unit 9	10.39	229.91	460	360
Total	55.52	1106.70		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.09	107.82	250	195
Total	5.09	107.82		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	91.64	180	160
Unit 3	3.96	84.72	176	160
Unit 4	4.02	95.45	200	160
Unit 5	9.63	196.65	480	372
Total	21.58	468.46		
Nasik				
Unit 3	1.56	59.60	159	0
Unit 4	3.91	90.33	177	158
Unit 5	0.00	22.37	0	0
Total	5.47	172.30		
Uran				
All Units	7.07	151.64	308	277
Total	7.07	151.64		
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)	0.08	1.86	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.86		
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	0.44	12.33	19	18
VTRNA	0.48	10.44	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.66	40	0
RNGR+BHTSA	0.36	8.64	16	15
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	4.26	11	0
GHATGHAR	0.00	7.28	0	0
Total	1.44	51.22		
Wind				
Total	23.23	184.21	0	0
Total	23.23	184.21		
CPP				
APML(Mus)	67.81	1548.28	0	0
JSWEL(Mus)	21.93	563.87	0	0
VIPL(Mus)	9.99	157.07	0	0
RPLAMT(Mus)	9.59	174.95	0	0
WPCL(Mus)	4.80	98.47	0	0
Other(Mus)	14.68	310.91	0	0
Total	128.81	2853.55		
SOLAR				
Total	5.53	124.57	0	0
Total	5.53	124.57		
Tata				
Trombay 5	7.44	192.06	317	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	63.91	117	113
Trombay 7B	1.62	36.64	68	67
Trombay 8	4.87	109.48	223	199
TATA Hydro	3.24	76.02	343	0
Total	19.96	478.11		
R-INFRA				
DTPS U-1&2	9.12	222.96	452	374
Total	9.12	222.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.43	3023.65	MSPGCL Total	141.94	3277.12
			MSPGCL Thml+Gas	140.50	3175.29	Koyna 1,2 & 4 Total	0.00	41.16
			MSPGCL Hydro	1.44	101.83	State Total	328.60	7140.54

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Nov/2018

Annexure-2

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	5433	34	304	5771	1409	4801	0	0	4139	3454	-1279	14156	0	14156	2354	16510	49.99
2	5427	34	305	5766	1313	4792	0	0	3596	3316	-1099	14088	0	14088	2164	16252	49.96
3	5470	34	305	5809	1190	4789	0	0	3316	3522	-970	14340	0	14340	2031	16371	49.96
4	5479	34	306	5819	1139	4779	0	0	3561	3828	-882	14683	0	14683	1945	16628	49.95
5	5462	34	307	5803	1144	4933	0	0	4109	4142	-847	15175	0	15175	1909	17084	49.99
6	5481	34	308	5823	1203	5220	0	0	4520	4473	-909	15810	0	15810	1972	17782	49.96
7	5623	34	307	5964	1257	5297	0	17	4978	4907	-943	16499	0	16499	2032	18531	50.01
8	5590	69	295	5954	1147	5514	0	130	4994	5118	-1007	16856	0	16856	2145	19001	49.97
9	5672	95	301	6068	1076	5795	0	372	5029	5132	-1158	17285	0	17285	2391	19676	49.89
10	6019	105	287	6411	1274	5925	0	605	5035	4841	-1375	17681	0	17681	2665	20346	49.93
11	5632	145	295	6072	1599	5704	0	735	5573	5205	-1569	17746	0	17746	2869	20615	49.97
12	5290	145	282	5717	1547	5325	0	813	6013	5820	-1596	17626	0	17626	2894	20520	49.95
13	5334	127	281	5742	1271	5116	0	827	5375	5805	-1493	17268	0	17268	2888	20156	49.92
14	5664	103	280	6047	1013	5308	0	745	5177	5340	-1452	17001	0	17001	2755	19756	50.00
15	5643	93	278	6014	810	5337	0	639	5214	5480	-1527	16753	0	16753	2817	19570	49.94
16	5681	58	277	6016	610	5344	0	449	5017	5078	-1524	15973	0	15973	2836	18809	49.92
17	5831	33	280	6144	498	5708	0	181	4622	4610	-1470	15671	0	15671	2826	18497	49.95
18	5877	33	282	6192	437	5968	0	20	4208	4063	-1399	15281	0	15281	2811	18092	49.92
19	5871	33	297	6201	421	6058	0	0	4368	4423	-1454	15649	0	15649	2908	18557	49.95
20	5822	33	290	6145	406	5975	0	0	4464	4446	-1414	15558	0	15558	2805	18363	50.02
21	5438	33	301	5772	392	5658	0	0	4414	4359	-1503	14678	0	14678	2666	17344	49.99
22	5310	33	293	5636	478	5224	0	0	4416	4502	-1432	14408	0	14408	2532	16940	50.02
23	5227	34	305	5566	710	5185	0	0	4263	3916	-1373	14004	0	14004	2456	16460	49.95
24	5153	34	306	5493	888	5052	0	0	4182	3741	-1305	13869	0	13869	2388	16257	49.98
MUs	133.43	1.44	7.07	141.94	23.23	128.81	0.00	5.53	110.58	109.52	-30.98	378.06	0.00	378.06	60.06	438.12	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 23/Nov/2018

Position as on 6.30 Hrs of 24/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	23/11/2018	12.05	Withdrawn against dhariwal U-1	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	22/11/2018	18.53		Continued.	heavy steam leakage of deaerator.	
MSPGCL	Chandrapur Unit 4	210	23/11/2018	14.04		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	23/11/2018	16.16	23/11/2018	22.38	Oil Pressure Low.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 24/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	22/11/2018	18.08	23/11/2018	10.08	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	23/11/2018	09.52	23/11/2018	10.19	T	Line Reactor Maintenance Work.
Akola Aurangabad(PG) I	InterState	23/11/2018	15.05	23/11/2018	16.34	HT	Taking Line Reactor In Service.
Dhule Sar'Sarovar I	InterState	23/11/2018	17.13	24/11/2018	07.20	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/11/2018	17.21		Continued.	HT	Over Voltage
Chandrapur II - Chandrapur ckt I	IntraState	19/11/2018	12.03		Continued.	PO	PMU Commissioning Work.
Karad - Lonikand 1	IntraState	22/11/2018	14.53	23/11/2018	08.26	PO	Line Maintenance work.
Khadka-Aurangabad (Waluj)	IntraState	22/11/2018	18.04	23/11/2018	09.53	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	23/11/2018	09.03	23/11/2018	18.44	PO	Routine Maintenance Work
TBC @ chandrapur	IntraState	23/11/2018	12.06	23/11/2018	13.51	PO	Compressor Work Of CB.
Khadka-Aurangabad (Waluj)	IntraState	23/11/2018	17.06		Continued.	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	24/11/2018	08.35	24/11/2018	19.51	PO	Cold Washing Of Insulator.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48	23/11/2018	20.06	HT	Tan Delta Value Not In Desired Range. Oil Leakage In R And Y Phase Bushing.
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection
400/220kV 315MVA ICT-III @ Kharghar	IntraState	23/11/2018	08.09		Continued.	PO	Internal Inspection & Rectification Of Fault.
400/220KV 500MVA ICT 2@koradi 2	IntraState	23/11/2018	08.18	23/11/2018	19.08	PO	High Insulation Coating.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	23/11/2018	14.14	23/11/2018	14.18	EO	Hand Trip For Safety Purpose.
400/220KV 500MVA ICT1@koradi 2	IntraState	24/11/2018	08.22	24/11/2018	12.01	PO	Insulator Coating Work.
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	24/11/2018	09.27	24/11/2018	12.47	PO	Connecting The Alarm Contact Of Bucholzz Relay To Trip The Ckt Breaker.
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	24/11/2018	14.18	24/11/2018	19.45	PO	Connecting The Alarm Contact Of Buchlzz Relay To Trip The Ckt Breaker.
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.
Uran - Kharghar I	IntraState	22/11/2018	11.39		Continued.	PO	Conductor dismantalling work.
Pophali - Pedambe II	IntraState	23/11/2018	07.40	23/11/2018	20.00	PO	Bus Section-2 Outage At Pophali
Pophali - New Koyna	IntraState	23/11/2018	07.55	23/11/2018	20.55	PO	Bus Section-2 Outage At Pophali
Pophali - Nerale	IntraState	23/11/2018	08.45	23/11/2018	21.30	PO	Bus Section-2 Outage At Pophali
Bus Section II @ Pophali	IntraState	23/11/2018	09.00	23/11/2018	20.00	PO	Routine Maintenance Work

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/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Malharpeth - Karad(400kv)	IntraState	23/11/2018	09.40	23/11/2018	13.28	PO	Routine Maintenance Work
Badnera-Akola I	IntraState	23/11/2018	10.13	23/11/2018	16.41	PO	Routine Maintenance Work
Waluj - Degaon Rangari	IntraState	23/11/2018	10.40	23/11/2018	16.41	PO	Wave Trap Conductor Snap.
Khaparkheda-Ambazari-I	IntraState	23/11/2018	11.17	23/11/2018	17.33	PO	Scada Integration Work.
Lonand Sona Alloys	IntraState	23/11/2018	13.37	23/11/2018	17.05	PO	Tan Delta Measurment of CTs
Pophali - Nerale	IntraState	24/11/2018	07.15	24/11/2018	18.12	PO	Routine Maintenance Work And Replacement Of Earth Wire.
Pophli Pedhmbe Line- 2	IntraState	24/11/2018	07.20	24/11/2018	17.50	PO	Routine Maintenance Work And Replacement Of Earth Wire.
WARORA WANI-II	IntraState	24/11/2018	07.27	24/11/2018	14.20	PO	Measurement of CB Timing And CRM Routine Maintenance Work.
Pophali - New Koyana	IntraState	24/11/2018	07.35	24/11/2018	18.10	PO	Routine Maintenance Work And Replacement Of Earth Wire.
Bus Section II @ Pophali	IntraState	24/11/2018	08.05	24/11/2018	18.00	PO	Routine Maintenance Work And Replacement Of Earth Wire.
Kandalgaon - Pirangut	IntraState	24/11/2018	09.02	24/11/2018	17.19	PO	Line Maintenance work
Badnera-Akola li	IntraState	24/11/2018	10.15	24/11/2018	14.09	PO	Routine Maintenance Work Measurement of Tan Delta of CT.
Khaparkheda-Ambazari-I	IntraState	24/11/2018	10.15	24/11/2018	14.09	PO	Scada Integration Work.
Purti-Bhugaon	IntraState	24/11/2018	11.45	24/11/2018	17.16	PO	Measurment of Tan Delta of CT Breaker Overhaul.
Kathapur-Ranjangaon	IntraState	24/11/2018	15.30	24/11/2018	21.08	T	Distance Protection Operated, R-PH LA Burst At Kathapur, 2.48KA, 51.1KM From Ranjangaon.
220 KV ICT Outages/Trippings							
220/132 kV 150MVA ICT II@ GCR Nashik	IntraState	24/11/2018	10.11		Continued.	PO	Replacement of Line Isolator

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