

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.528	3162.180	1) Gujrat	-2.265	-36.431
2) Hydro	1.788	103.622	2) Madhya Pradesh	9.635	264.510
3) Gas	7.144	158.782	3) Chattisgarh	6.400	163.140
Total MSPGCL	147.460	3424.584	4) Maharashtra Net	103.346	2927.806
B) 1) APML	70.843	1619.123	5) Goa (Amona)	-0.506	-11.792
2) JSWEL	23.284	587.154	Total	116.610	3307.233
3) VIPL	10.172	167.244	a) Mumbai Schedule	18.982	519.841
4) RPL(AMT)	10.756	185.702	b) Mumbai Drawl	27.360	690.379
5) WPCL	4.678	103.151	c) MSEDCL Bilateral *	30.074	1068.686
6) PGPL	0.000	0.000	Include PX	-1.232	274.192
7) Other IPP	15.881	326.794	d) Mumbai Bilateral *	18.982	507.656
C) 1) TPCL Thermal	12.497	314.041	Include PX	0.012	103.399
2) TPCL Hydro	3.369	79.388	Include Standby	0.000	12.185
3) TPCL Gas	4.424	104.972	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.300	232.264	1) MSEDCL	386.335	9353.403
D) STATE			2) Mumbai Discoms	56.950	1421.041
1) Thermal	295.939	6697.653	TOTAL STATE	443.285	10774.444
(A1+C1+C4+(B1-B6))					
2) Hydro	5.157	183.010			
(A2+C2)					
3) Gas	11.568	263.754			
(A3+B6+C3)					
4) Wind	8.533	192.747			
6) SOLAR	5.478	130.050			
TOTAL STATE	326.675	7467.214			

* 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	6134	6083	6092	5202
MSPGCL Hydro	230	105	155	34
MSPGCL Gas	284	279	287	309
MSPGCL Total Generation	6648	6467	6534	5545
Central Sector Receipt	5975	5589	4912	3820
WIND	407	349	98	819
CPP / IPP Thermal	6064	6023	6215	4808
CPP / IPP Gas	0	0	0	0
SOLAR	820	816	0	0
Exchange with Mumbai	-1270	-1265	-1272	-1015
MSEDCL DEMAND MET	18644	17979	16487	13977
Load Shedding	0	0	0	0
MSEDCL DEMAND	18644	17979	16487	13977
TPCL GENERATION	1045	1082	987	696
R-INFRA GENERATION	432	376	487	373
MUMBAI DEMAND	2747	2723	2746	2084
STATE DEMAND MET	21391	20702	19233	16061
STATE DEMAND	21391	20702	19233	16061
Frequency (Hz)	49.99	49.96	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.01 Hrs	49.77 Hz at 16.24 Hrs	49.95	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/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	6.53	173.56	301	150
Unit 9	6.25	186.70	302	164
Unit 10	7.19	184.38	305	280
Total	19.96	565.60		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.77	210.28	455	350
Unit 5	9.68	208.29	455	350
Total	19.45	418.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.44	116.08	250	196
Unit 7	0.00	0.00	0	0
Unit 8	4.69	117.65	241	160
Total	10.13	233.73		
Chandrapur				
Unit 3	4.22	41.66	187	159
Unit 4	0.00	23.01	0	0
Unit 5	9.85	225.68	440	353
Unit 6	9.96	201.59	450	360
Unit 7	9.91	227.93	453	360
Unit 8	9.97	200.83	450	360
Unit 9	10.10	240.02	451	348
Total	54.02	1160.72		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.46	113.28	254	185
Total	5.46	113.28		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.90	95.54	180	140
Unit 3	3.90	88.62	170	154
Unit 4	4.28	99.73	200	160
Unit 5	9.58	206.23	430	379
Total	21.67	490.13		
Nasik				
Unit 3	3.86	63.46	180	150
Unit 4	3.97	94.31	190	154
Unit 5	0.00	22.37	0	0
Total	7.84	180.14		
Uran				
All Units	7.14	158.78	312	279
Total	7.14	158.78		
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	1.94	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	1.94		
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	12.77	19	18
VTRNA	0.48	10.92	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.84	80	0
RNGR+BHTSA	0.36	9.00	16	15
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	4.34	12	1
GHATGHAR	0.24	7.52	120	0
Total	1.79	53.01		
Wind				
Total	8.53	192.75	0	0
Total	8.53	192.75		
CPP				
APML(Mus)	70.84	1619.12	0	0
JSWEL(Mus)	23.28	587.15	0	0
VIPL(Mus)	10.17	167.24	0	0
RPLAMT(Mus)	10.76	185.70	0	0
WPCL(Mus)	4.68	103.15	0	0
Other(Mus)	15.88	326.79	0	0
Total	135.61	2989.17		
SOLAR				
Total	5.48	130.05	0	0
Total	5.48	130.05		
Tata				
Trombay 5	7.64	199.70	397	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	66.72	118	116
Trombay 7B	1.62	38.25	69	66
Trombay 8	4.86	114.34	223	198
TATA Hydro	3.37	79.39	385	4
Total	20.29	498.40		
R-INFRA				
DTPS U-1&2	9.30	232.26	487	373
Total	9.30	232.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.53	3162.18	MSPGCL Total	147.46	3424.58
			MSPGCL Thml+Gas	145.67	3320.96	Koyna 1,2 & 4 Total	0.00	41.16
			MSPGCL Hydro	1.79	103.62	State Total	326.68	7467.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5191	34	308	5533	870	4818	0	0	3819	3788	-1188	13821	0	13821	2259	16080	49.94
2	5202	34	309	5545	819	4808	0	0	3648	3820	-1015	13977	0	13977	2084	16061	49.95
3	5258	34	309	5601	732	4869	0	0	3805	4044	-884	14362	0	14362	1956	16318	49.92
4	5334	34	308	5676	681	5089	0	0	4012	3884	-814	14516	0	14516	1884	16400	49.96
5	5349	34	311	5694	626	5190	0	0	4307	4086	-763	14833	0	14833	1832	16665	49.96
6	5623	34	310	5967	582	5293	0	0	4582	4576	-820	15598	0	15598	1889	17487	49.92
7	5934	34	312	6280	513	5735	0	5	4771	4926	-843	16616	0	16616	1942	18558	49.95
8	6166	58	312	6536	417	5954	0	111	5007	4773	-885	16906	0	16906	2001	18907	49.96
9	6149	94	308	6551	356	6015	0	363	5048	5277	-1031	17531	0	17531	2181	19712	49.93
10	6108	145	301	6554	318	6020	0	593	5099	5306	-1115	17676	0	17676	2453	20129	49.92
11	6123	244	286	6653	413	6181	0	730	5392	5568	-1131	18414	0	18414	2693	21107	49.98
12	6134	230	284	6648	407	6064	0	820	5887	5975	-1270	18644	0	18644	2747	21391	49.99
13	6083	105	279	6467	349	6023	0	816	5326	5589	-1265	17979	0	17979	2723	20702	49.96
14	6089	105	279	6473	246	6043	0	770	5313	5320	-1307	17545	0	17545	2631	20176	49.96
15	6088	95	279	6462	184	6058	0	635	5438	5510	-1325	17524	0	17524	2670	20194	49.93
16	6041	71	279	6391	128	6008	0	443	5290	5233	-1375	16828	0	16828	2675	19503	49.91
17	6069	35	292	6396	117	6112	0	167	5054	4950	-1323	16419	0	16419	2645	19064	49.90
18	6056	35	284	6375	106	6137	0	25	4698	4638	-1296	15985	0	15985	2635	18620	49.92
19	6092	155	287	6534	98	6215	0	0	4837	4912	-1272	16487	0	16487	2746	19233	49.96
20	5871	35	300	6206	103	5851	0	0	4999	5208	-1372	15996	0	15996	2689	18685	49.97
21	5511	35	301	5847	95	5421	0	0	4966	4986	-1374	14975	0	14975	2576	17551	49.96
22	5436	35	294	5765	114	5318	0	0	4655	4660	-1299	14558	0	14558	2442	17000	50.01
23	5320	36	306	5662	135	5207	0	0	4480	4559	-1208	14355	0	14355	2332	16687	49.95
24	5301	37	306	5644	124	5184	0	0	4456	5022	-1185	14789	0	14789	2265	17054	49.96
MUs	138.53	1.79	7.14	147.46	8.53	135.61	0.00	5.48	114.89	116.61	-27.36	386.33	0.00	386.33	56.95	443.28	49.95

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/Nov/2018

Position as on 6.30 Hrs of 25/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 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	
IPP	SWPGL U-2	135	25/11/2018	04.48	25/11/2018	06.25	Flame Failure	
MSPGCL	Chandrapur Unit 9	500	25/11/2018	23.25		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 25/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 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	25/11/2018	14.32	PO	PMU Commissioning Work.
Khadka-Aurangabad (Waluj)	IntraState	23/11/2018	17.06	25/11/2018	07.44	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.
Khadka-Aurangabad (Waluj)	IntraState	25/11/2018	18.18		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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 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.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF. PRV. CTR Relay.
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.
Mahalakshmi Amona	InterState	25/11/2018	06.05	25/11/2018	07.30	T	Y-Ph Earth Fault.
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	25/11/2018	09.31	HT	Interconnector open.
Uran - Kharghar I	IntraState	22/11/2018	11.39		Continued.	PO	Conductor dismantling work.
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 Koyna	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
Khaparkheda-Ambazari-I	IntraState	24/11/2018	10.15	24/11/2018	14.09	PO	Scada Integration 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.
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-

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/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 25/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							PH LA Burst At Kathapur, 2.48KA, 51.1KM From Ranjangaon.
TPC Borivali Aarey Line 1	IntraState	25/11/2018	00.57	25/11/2018	03.50	PO	Pier Erection Work By DMRC.
Mahape - TIFIL	IntraState	25/11/2018	08.40	25/11/2018	18.05	PO	Bus Section Outage.
Padgha-Temghar-II	IntraState	25/11/2018	10.43		Continued.	HT	To Control ICT Loading At Padghe.
Padgha - Temghar I	IntraState	25/11/2018	10.43		Continued.	HT	To Control ICT Loading At Padghe.
Kalwa Salsette III	IntraState	25/11/2018	12.23	25/11/2018	16.27	PO	Bay Maintenance & testing Work.
Kathapur-Ranjangaon	IntraState	25/11/2018	15.34	25/11/2018	17.27	PO	Replacement of LA AT Kathapur.
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
132 KV LINE Outages/Trippings							
Parbhani-Bageshwari	IntraState	25/11/2018	01.58	25/11/2018	02.28	T	Distance Protection operated Zone 1 Y-PH.54.4KM.4.37KA.

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