

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Nov/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.670	3986.198	1) Gujrat	-1.671	-51.063
2) Hydro	3.515	123.328	2) Madhya Pradesh	9.467	315.516
3) Gas	7.160	201.378	3) Chattisgarh	6.570	200.930
Total MSPGCL	153.345	4310.904	4) Maharashtra Net	98.115	3554.737
B) 1) APML	68.099	2038.557	5) Goa (Amona)	-0.308	-13.156
2) JSWEL	16.435	712.227	Total	112.173	4006.964
3) VIPL	10.130	230.384	a) Mumbai Schedule	19.619	644.815
4) RPL(AMT)	9.922	247.870	b) Mumbai Drawl	27.054	855.073
5) WPCL	1.988	120.190	c) MSEDCL Bilateral *	24.769	1235.026
6) PGPL	0.000	0.000	Include PX	-2.598	266.653
7) Other IPP	15.770	422.291	d) Mumbai Bilateral *	19.619	632.630
C) 1) TPCL Thermal	12.447	390.183	Include PX	1.035	108.361
2) TPCL Hydro	3.760	96.821	Include Standby	0.000	12.185
3) TPCL Gas	4.420	131.489	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.420	289.519	1) MSEDCL	374.214	11640.449
D) STATE			2) Mumbai Discoms	57.101	1763.080
1) Thermal	286.881	8437.419	TOTAL STATE	431.315	13403.529
(A1+C1+C4+(B1-B6))					
2) Hydro	7.275	220.149			
(A2+C2)					
3) Gas	11.580	332.867			
(A3+B6+C3)					
4) Wind	7.930	242.480			
6) SOLAR	5.476	163.655			
TOTAL STATE	319.142	9396.570			

* 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	6771	6508	6079	5434
MSPGCL Hydro	190	208	136	76
MSPGCL Gas	284	282	287	308
MSPGCL Total Generation	7244	6998	6502	5818
Central Sector Receipt	5544	5162	5019	3834
WIND	375	309	160	91
CPP / IPP Thermal	5560	5478	5331	4406
CPP / IPP Gas	0	0	0	0
SOLAR	827	814	0	0
Exchange with Mumbai	-1419	-1394	-1390	-1062
MSEDCL DEMAND MET	18132	17366	15622	13086
Load Shedding	0	0	0	0
MSEDCL DEMAND	18132	17366	15622	13086
TPCL GENERATION	1001	1009	1051	725
R-INFRA GENERATION	489	470	377	375
MUMBAI DEMAND	2909	2873	2818	2162
STATE DEMAND MET	21040	20240	18440	15248
STATE DEMAND	21040	20240	18440	15248
Frequency (Hz)	49.91	49.94	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 22.01 Hrs	49.72 Hz at 06.30 Hrs	49.94	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 30/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.48	32.21	155	115
Unit 7	0.00	0.00	0	0
Unit 8	8.89	219.33	428	299
Unit 9	8.22	230.08	401	240
Unit 10	10.00	232.84	550	301
Total	30.58	714.46		
Bhusawal				
Unit 3	2.04	2.04	165	0
Unit 4	9.31	268.46	500	350
Unit 5	9.30	266.20	495	350
Total	20.64	536.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.13	147.59	250	200
Unit 7	0.40	0.93	112	0
Unit 8	4.86	147.51	235	182
Total	10.40	296.03		
Chandrapur				
Unit 3	4.24	66.88	189	160
Unit 4	4.27	35.03	189	165
Unit 5	9.42	282.20	420	351
Unit 6	8.40	259.51	455	293
Unit 7	9.55	285.97	439	360
Unit 8	9.81	257.73	440	360
Unit 9	9.78	267.69	440	360
Total	55.47	1455.02		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.20	144.38	250	185
Total	5.20	144.38		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.08	119.81	185	160
Unit 3	4.08	112.88	187	160
Unit 4	4.24	125.06	207	160
Unit 5	0.01	253.67	8	0
Total	12.40	611.43		
Nasik				
Unit 3	3.97	87.33	187	159
Unit 4	4.00	118.50	192	155
Unit 5	0.00	22.37	0	0
Total	7.96	228.19		
Uran				
All Units	7.16	201.38	314	279
Total	7.16	201.38		
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)	0.05	2.22	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.22		
Koyna				
Stage 1-2	1.28	33.16	130	40
Stage 4	0.00	12.56	0	0
Stage 3	0.22	10.65	80	0
Total	1.50	56.36		
Hydro				
KDPH	0.44	15.44	19	19
VTRNA	0.47	13.78	60	0
TILLARI	0.48	1.85	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.63	77	0
RNGR+BHTSA	0.34	10.79	14	14
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.13	4.87	14	3
GHATGHAR	0.00	10.98	0	0
Total	2.02	66.96		
Wind				
Total	7.93	242.48	0	0
Total	7.93	242.48		
CPP				
APML(Mus)	68.10	2038.56	0	0
JSWEL(Mus)	16.44	712.23	0	0
VIPL(Mus)	10.13	230.38	0	0
RPLAMT(Mus)	9.92	247.87	0	0
WPCL(Mus)	1.99	120.19	0	0
Other(Mus)	15.77	422.29	0	0
Total	122.34	3771.52		
SOLAR				
Total	5.48	163.66	0	0
Total	5.48	163.66		
Tata				
Trombay 5	7.52	246.37	318	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	83.55	118	115
Trombay 7B	1.62	47.94	68	66
Trombay 8	4.93	143.81	224	203
TATA Hydro	3.76	96.82	325	0
Total	20.63	618.49		
R-INFRA				
DTPS U-1&2	9.42	289.52	489	375
Total	9.42	289.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.67	3986.20	MSPGCL Total	153.34	4310.90
			MSPGCL Thml+Gas	149.83	4187.58	Koyna 1,2 & 4 Total	1.28	45.72
			MSPGCL Hydro	3.52	123.33	State Total	319.14	9396.57

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	5314	82	309	5704	421	4486	0	0	3818	3790	-917	13484	0	13484	2042	15526	49.97
2	5345	76	300	5722	440	4476	0	0	3963	4083	-776	13944	0	13944	1878	15822	49.95
3	5334	76	313	5724	559	4566	0	0	3986	3925	-705	14068	0	14068	1781	15850	49.98
4	5317	76	313	5706	573	4568	0	0	4113	3871	-634	14084	0	14084	1709	15794	49.98
5	5425	80	312	5818	562	4617	0	0	4121	4390	-628	14758	0	14758	1702	16460	49.95
6	5779	80	303	6162	628	5067	0	0	4562	4665	-701	15822	0	15822	1790	17612	49.91
7	5946	76	314	6336	648	5382	0	7	5141	4903	-790	16486	0	16486	1929	18414	49.85
8	6423	80	314	6818	526	5671	0	111	5278	5255	-850	17530	0	17530	2070	19600	49.90
9	6467	176	312	6956	447	5656	0	368	5025	5073	-1094	17405	0	17405	2305	19710	49.98
10	6554	258	294	7106	389	5511	0	568	5226	5148	-1252	17470	0	17470	2621	20092	49.85
11	6681	264	298	7242	388	5559	0	708	5426	5643	-1487	18054	0	18054	2827	20880	49.94
12	6771	190	284	7244	375	5560	0	827	5487	5544	-1419	18132	0	18132	2909	21040	49.91
13	6508	208	282	6998	309	5478	0	814	5304	5162	-1394	17366	0	17366	2873	20240	49.94
14	6343	296	280	6918	249	5421	0	769	5181	5261	-1302	17316	0	17316	2719	20036	50.02
15	6338	340	280	6958	189	5413	0	658	5096	5072	-1359	16932	0	16932	2747	19678	49.92
16	6183	246	279	6708	127	5306	0	428	5089	4893	-1448	16014	0	16014	2767	18782	49.90
17	6110	136	291	6536	126	5202	0	197	4656	4766	-1369	15458	0	15458	2772	18230	49.91
18	6118	140	284	6542	113	5313	0	21	4340	4516	-1345	15160	0	15160	2758	17918	49.89
19	6079	136	287	6502	160	5331	0	0	4695	5019	-1390	15622	0	15622	2818	18440	49.94
20	5771	140	299	6210	174	5096	0	0	4819	4890	-1379	14992	0	14992	2710	17702	49.95
21	5464	116	292	5872	161	4871	0	0	4367	4495	-1313	14086	0	14086	2562	16648	49.97
22	5483	86	305	5874	147	4707	0	0	4263	4092	-1275	13544	0	13544	2386	15930	50.01
23	5483	80	307	5870	128	4681	0	0	3932	3883	-1165	13398	0	13398	2264	15662	50.00
24	5434	76	308	5818	91	4406	0	0	3738	3834	-1062	13086	0	13086	2162	15248	50.02
MUs	142.67	3.52	7.16	153.34	7.93	122.34	0.00	5.48	111.63	112.17	-27.05	374.21	0.00	374.21	57.10	431.31	49.94

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 30/Nov/2018

Position as on 6.30 Hrs of 01/Dec/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	30/11/2018	07.44	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	01/12/2018	00.00	Poor Coal Receipt	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
IPP	JSW (J) U1	300	28/11/2018	18.47	01/12/2018	05.15	Condenser Tube Leakage.	
MSPGCL	Khaparkhedda Unit 5	500	29/11/2018	20.48	30/11/2018	23.49	Shaft Vibration High	
MSPGCL	Parli Unit 7	250	30/11/2018	02.30	30/11/2018	20.26	Boiler side Aux.water problem	
MSPGCL	Chandrapur Unit 6	500	30/11/2018	19.58		Continued.	Main stream line drain heart leakage.	
MSPGCL	Koradi Unit 9	660	01/12/2018	00.00		Continued.	5 Days Condenser Cleaning Work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 01/Dec/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	29/11/2018	22.32	30/11/2018	01.19	PO	Electrode Jumpering Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	29/11/2018	22.32	30/11/2018	01.19	PO	Electrode Jumping Work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/11/2018	07.39		Continued.	PO	Annual Maintenance Work
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	29/11/2018	17.06	30/11/2018	07.36	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/11/2018	17.00		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/11/2018	18.48	30/11/2018	07.24	HT	Over Voltage
Deepnagar Taptitanda	IntraState	30/11/2018	07.46	30/11/2018	13.45	PO	Replacement Of Dead & Mid Span Joint.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	30/11/2018	11.05	30/11/2018	11.44	T	Taking Line Out For Removal Of Line Reactor.
Main Bus II @ Akola 2	IntraState	30/11/2018	11.34	30/11/2018	16.10	PO	On Line Pid Work.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	30/11/2018	15.37	30/11/2018	17.26	HT	Taking Line Out For Charging In Line Reactor.
Khadka-Aurangabad (Waluj)	IntraState	30/11/2018	17.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/12/2018	00.07		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
400/220/33kv 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.
Nasik Navsari II	InterState	28/11/2018	16.18		Continued.	PO	Relay Replacement At Navsari End.
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.
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-TIFIL	IntraState	27/11/2018	06.06		Continued.	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
Uran - Kharghar 2	IntraState	28/11/2018	15.02		Continued.	PO	Replacement Of Old Conductor At Metro Crossing.
Jambhul - Anandnagar	IntraState	30/11/2018	07.09	30/11/2018	08.21	PO	Jumper Removing From 29C Isolator To CT For Replacement Of 29C Isolator Rested Pole Work.
Kanhan-Umred 1	IntraState	30/11/2018	09.58	30/11/2018	14.38	PO	Measurement of Tan Delta of CTs and CCs.
Koradi-Ambazari-I	IntraState	30/11/2018	10.06	30/11/2018	17.52	PO	Routine Maintenance Work
Waluj - Chitegaon li	IntraState	30/11/2018	10.26	30/11/2018	15.15	PO	Routine Maintenance Work
ALEPHATA UTECH SUGAR	IntraState	30/11/2018	11.08	30/11/2018	16.35	PO	Replacement Of R-PH

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 30/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Hingoli- Girawali	IntraState	30/11/2018	15.07	30/11/2018	17.39	PO	Flashedover Insulator String At LOC No. 228.
							Measurement of CB timing and CRM.
Jambhul - Anandnagar	IntraState	30/11/2018	15.25	30/11/2018	17.04	PO	Jumper Reoving From 29C Isolator To CT For Replacement Of 29C Isolator Rusted Pole Work.
Pandharpur - Malinagar	IntraState	30/11/2018	16.15	30/11/2018	19.17	PO	Attending Air Leakage Of CB
220 KV ICT Outages/Trippings							
220/132 kV 200 Mva ICT-II @Boisar -ji	IntraState	30/11/2018	07.44	30/11/2018	18.32	PO	Diagnostic Testing Work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	30/11/2018	10.16	30/11/2018	16.11	EO	Attending Hot Spot And Trip Coil Replacement.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	30/11/2018	12.20	30/11/2018	16.42	PO	Attending PNRV Problem.
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	30/11/2018	12.25	30/11/2018	15.40	PO	Measurement of Tan Delta of ICT.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	30/11/2018	15.55	30/11/2018	19.10	PO	Measurement of Tan Delta of ICT Bushings.

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