

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Nov/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.739	3697.528	1) Gujrat	-2.888	-46.354
2) Hydro	3.530	116.280	2) Madhya Pradesh	8.455	298.048
3) Gas	7.121	187.068	3) Chattisgarh	5.870	188.390
Total MSPGCL	147.390	4000.876	4) Maharashtra Net	106.028	3350.847
B) 1) APML	69.499	1901.693	5) Goa (Amona)	-0.198	-12.672
2) JSWEL	22.539	678.720	Total	117.267	3778.259
3) VIPL	10.023	209.674	a) Mumbai Schedule	20.094	603.340
4) RPL(AMT)	10.109	227.368	b) Mumbai Drawl	28.191	800.008
5) WPCL	2.014	116.162	c) MSEDCL Bilateral *	27.244	1182.671
6) PGPL	0.000	0.000	Include PX	-0.989	270.013
7) Other IPP	15.887	390.413	d) Mumbai Bilateral *	20.094	591.155
C) 1) TPCL Thermal	12.426	365.251	Include PX	-0.086	106.206
2) TPCL Hydro	3.920	89.643	Include Standby	0.000	12.185
3) TPCL Gas	4.418	122.649	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.371	270.448	1) MSEDCL	382.589	10882.251
D) STATE			2) Mumbai Discoms	58.326	1647.994
1) Thermal	288.607	7857.257	TOTAL STATE	440.915	12530.245
(A1+C1+C4+(B1-B6))					
2) Hydro	7.450	205.923			
(A2+C2)					
3) Gas	11.539	309.717			
(A3+B6+C3)					
4) Wind	10.421	227.022			
6) SOLAR	5.631	152.072			
TOTAL STATE	323.648	8751.991			

* 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 24 Hrs
MSPGCL Thermal	6151	6031	5931	5284
MSPGCL Hydro	349	267	72	72
MSPGCL Gas	288	281	289	298
MSPGCL Total Generation	6788	6579	6292	5654
Central Sector Receipt	5724	5526	5096	4209
WIND	516	460	447	368
CPP / IPP Thermal	6091	5771	5862	4494
CPP / IPP Gas	0	0	0	0
SOLAR	774	817	0	0
Exchange with Mumbai	-1381	-1472	-1409	-1169
MSEDCL DEMAND MET	18512	17681	16288	13556
Load Shedding	0	0	0	0
MSEDCL DEMAND	18512	17681	16288	13556
TPCL GENERATION	1032	988	1062	736
R-INFRA GENERATION	503	376	375	375
MUMBAI DEMAND	2916	2836	2846	2280
STATE DEMAND MET	21428	20517	19134	15836
STATE DEMAND	21428	20517	19134	15836
Frequency (Hz)	50.01	49.98	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.04 Hrs	49.78 Hz at 05.15 Hrs	49.99	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 28/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.70	25.44	165	0
Unit 7	0.00	0.00	0	0
Unit 8	6.85	202.98	360	222
Unit 9	7.35	215.09	340	294
Unit 10	7.95	215.18	370	285
Total	24.85	658.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	249.28	500	350
Unit 5	9.79	247.28	500	350
Total	19.63	496.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.21	137.13	250	195
Unit 7	0.00	0.00	0	0
Unit 8	4.93	137.58	238	178
Total	10.13	274.71		
Chandrapur				
Unit 3	4.18	58.45	183	164
Unit 4	3.52	26.53	187	0
Unit 5	9.42	263.56	435	359
Unit 6	9.90	241.22	450	360
Unit 7	9.72	266.86	445	365
Unit 8	9.68	238.18	440	360
Unit 9	0.00	249.57	0	0
Total	46.43	1344.37		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.34	133.75	251	170
Total	5.34	133.75		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.10	111.71	185	160
Unit 3	4.12	104.67	185	157
Unit 4	4.36	116.36	210	160
Unit 5	9.78	244.64	450	380
Total	22.36	577.37		
Nasik				
Unit 3	4.01	79.31	195	158
Unit 4	3.99	110.41	194	159
Unit 5	0.00	22.37	0	0
Total	8.00	212.09		
Uran				
All Units	7.12	187.07	313	279
Total	7.12	187.07		
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)	0.02	2.15	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.15		
Koyna				
Stage 1-2	0.99	31.35	50	40
Stage 4	0.00	12.56	0	0
Stage 3	0.23	10.17	80	0
Total	1.22	54.08		
Hydro				
KDPH	0.44	14.55	19	18
VTRNA	0.44	12.79	60	0
TILLARI	0.29	1.37	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	4.32	57	0
RNGR+BHTSA	0.31	10.12	13	13
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.63	11	0
GHATGHAR	0.64	9.80	125	0
Total	2.31	62.20		
Wind				
Total	10.42	227.02	0	0
Total	10.42	227.02		
CPP				
APML(Mus)	69.50	1901.69	0	0
JSWEL(Mus)	22.54	678.72	0	0
VIPL(Mus)	10.02	209.67	0	0
RPLAMT(Mus)	10.11	227.37	0	0
WPCL(Mus)	2.01	116.16	0	0
Other(Mus)	15.89	390.41	0	0
Total	130.07	3524.03		
SOLAR				
Total	5.63	152.07	0	0
Total	5.63	152.07		
Tata				
Trombay 5	7.50	231.31	319	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	77.94	117	116
Trombay 7B	1.62	44.71	68	66
Trombay 8	4.93	133.94	219	203
TATA Hydro	3.92	89.64	356	25
Total	20.76	577.54		
R-INFRA				
DTPS U-1&2	9.37	270.45	503	374
Total	9.37	270.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.74	3697.53	MSPGCL Total	147.39	4000.88
			MSPGCL Thml+Gas	143.86	3884.60	Koyna 1,2 & 4 Total	0.99	43.91
			MSPGCL Hydro	3.53	116.28	State Total	323.65	8751.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5222	71	298	5591	335	4717	0	0	4188	4089	-926	13806	0	13806	2066	15872	49.97
2	5271	71	310	5652	344	4663	0	0	4192	4185	-807	14037	0	14037	1922	15959	49.97
3	5305	76	299	5680	336	4664	0	0	4216	4332	-745	14267	0	14267	1816	16083	50.01
4	5343	71	311	5725	390	4650	0	0	4461	4267	-665	14367	0	14367	1736	16103	50.02
5	5365	71	312	5748	455	4742	0	0	4457	4426	-646	14725	0	14725	1718	16443	49.97
6	5564	71	301	5936	604	5060	0	0	4951	4794	-708	15686	0	15686	1807	17493	49.94
7	6077	99	313	6489	582	5642	0	8	5196	4663	-790	16594	0	16594	1961	18555	49.98
8	6192	156	313	6661	663	6058	0	121	5117	5026	-987	17542	0	17542	2107	19649	49.96
9	6156	199	299	6654	614	6071	0	400	5044	5144	-1184	17699	0	17699	2398	20097	50.00
10	6178	276	303	6757	512	6088	0	647	5075	5238	-1262	17980	0	17980	2704	20684	49.97
11	6151	349	288	6788	516	6091	0	774	5529	5724	-1381	18512	0	18512	2916	21428	50.01
12	6144	384	284	6812	466	6001	0	813	5869	5709	-1583	18218	0	18218	2996	21214	50.03
13	6031	267	281	6579	460	5771	0	817	5653	5526	-1472	17681	0	17681	2836	20517	49.98
14	6001	267	282	6550	426	5765	0	790	5469	5434	-1415	17550	0	17550	2767	20317	50.05
15	5853	267	279	6399	352	5771	0	633	5618	5507	-1417	17245	0	17245	2791	20036	49.97
16	5775	159	281	6215	300	5850	0	440	5302	5085	-1428	16462	0	16462	2805	19267	49.97
17	5726	132	282	6140	263	5877	0	166	4896	4991	-1367	16070	0	16070	2798	18868	49.94
18	5698	102	296	6096	319	5965	0	22	4626	4867	-1362	15907	0	15907	2786	18693	49.95
19	5931	72	289	6292	447	5862	0	0	4937	5096	-1409	16288	0	16288	2846	19134	49.98
20	5685	77	300	6062	469	5553	0	0	5170	4952	-1383	15653	0	15653	2752	18405	50.02
21	5283	77	292	5652	410	5093	0	0	4973	4976	-1424	14707	0	14707	2639	17346	49.99
22	5271	72	305	5648	433	4867	0	0	4681	4713	-1380	14281	0	14281	2491	16772	50.03
23	5233	72	305	5610	357	4756	0	0	4243	4314	-1281	13756	0	13756	2388	16144	50.00
24	5284	72	298	5654	368	4494	0	0	4225	4209	-1169	13556	0	13556	2280	15836	50.02
MUs	136.74	3.53	7.12	147.39	10.42	130.07	0.00	5.63	118.09	117.27	-28.19	382.59	0.00	382.59	58.33	440.92	49.99

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 28/Nov/2018

Position as on 6.30 Hrs of 29/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	Chandrapur Unit 4	210	23/11/2018	14.04	28/11/2018	01.15	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	25/11/2018	23.25	29/11/2018	01.20	Boiler Tube Leakage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Koradi Unit 6	210	28/11/2018	17.02	28/11/2018	22.17	Furnace Pressure low.	
IPP	JSW (J) U1	300	28/11/2018	18.47		Continued.	Condenser Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 29/Nov/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	27/11/2018	18.48	28/11/2018	07.06	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	28/11/2018	10.20	28/11/2018	10.44	PO	LR AMP Work.
Akola Aurangabad(PG) I	InterState	28/11/2018	15.21	28/11/2018	17.44	PO	Taking Reactor In Service Which Was Under Outage.
Dhule Sar'Sarovar I	InterState	28/11/2018	17.56	29/11/2018	05.49	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	27/11/2018	11.08	28/11/2018	06.01	PO	Line Crossing Work.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	27/11/2018	11.55	28/11/2018	06.11	PO	Line Crossing Work.
Khadka-Aurangabad (Waluj)	IntraState	27/11/2018	18.11	28/11/2018	06.16	HT	Over Voltage
Padghe - Kalwa- I	IntraState	28/11/2018	05.12	28/11/2018	07.13	EO	Attending Hot Spot
Deepnagar Taptitanda	IntraState	28/11/2018	06.28	28/11/2018	17.39	PO	Replacement Of Dead End & Mid Span Joint.
Khadka-Aurangabad (Waluj)	IntraState	28/11/2018	17.49		Continued.	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	28/11/2018	19.01	28/11/2018	23.06	EO	Attending Hot Spot
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.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	28/11/2018	09.50	28/11/2018	18.36	PO	Overhauling Of CB.
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 I	InterState	26/11/2018	08.27	28/11/2018	16.07	PO	Relay Replacement At Navsari End And Diagnostic Test At Nasik End.
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.
Uran - Kharghar I	IntraState	22/11/2018	11.39	28/11/2018	14.54	PO	Conductor dismantling work.
Padgha - Temghar I	IntraState	25/11/2018	10.43		Continued.	HT	To Control ICT Loading At Padghe.
Padgha-Temghar-II	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.
Pedambe-Nerle	IntraState	28/11/2018	08.20	28/11/2018	18.25	PO	Routine Maintenance Work
Dhule-Amalner(220kv)	IntraState	28/11/2018	09.10	28/11/2018	11.33	EO	Attending Hot Spot
Uran - Kharghar 2	IntraState	28/11/2018	15.02		Continued.	PO	Replacement Of Old Conductor At Metro Crossing.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	28/11/2018	09.57	28/11/2018	14.12	EO	Attending Hot Spot

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 28/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 29/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	28/11/2018	10.43	28/11/2018	15.50	PO	Quarterly Maintenance Work
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	28/11/2018	16.00	28/11/2018	16.17	T	Differential Protection,Dual LV PTR, One LV Cable Faulty Out Of Two.