

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Nov/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.374	3560.789	1) Gujrat	-2.867	-43.466
2) Hydro	3.962	112.750	2) Madhya Pradesh	7.739	289.593
3) Gas	7.052	179.947	3) Chattisgarh	6.140	182.520
Total MSPGCL	145.388	3853.486	4) Maharashtra Net	108.124	3244.819
B) 1) APLM	72.301	1832.194	5) Goa (Amona)	-0.352	-12.474
2) JSWEL	23.032	656.181	Total	118.784	3660.992
3) VIPL	10.400	199.651	a) Mumbai Schedule	22.099	583.246
4) RPL(AMT)	10.595	217.259	b) Mumbai Drawl	29.076	771.817
5) WPCL	2.008	114.148	c) MSEDCL Bilateral *	27.434	1155.427
6) PGPL	0.000	0.000	Include PX	-1.876	271.002
7) Other IPP	15.315	374.526	d) Mumbai Bilateral *	22.099	571.061
C) 1) TPCL Thermal	12.515	352.825	Include PX	1.270	106.292
2) TPCL Hydro	3.648	85.723	Include Standby	0.000	12.185
3) TPCL Gas	4.420	118.231	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.463	261.077	1) MSEDCL	386.259	10499.662
D) STATE			2) Mumbai Discoms	59.120	1589.668
1) Thermal	290.003	7568.650	TOTAL STATE	445.379	12089.330
(A1+C1+C4+(B1-B6))					
2) Hydro	7.610	198.473			
(A2+C2)					
3) Gas	11.472	298.178			
(A3+B6+C3)					
4) Wind	11.801	216.601			
6) SOLAR	5.711	146.441			
TOTAL STATE	326.597	8428.343			

* 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	6015	6013	5808	5286
MSPGCL Hydro	382	206	332	62
MSPGCL Gas	287	281	287	307
MSPGCL Total Generation	6684	6500	6426	5654
Central Sector Receipt	5693	5739	4879	4162
WIND	881	497	375	265
CPP / IPP Thermal	5973	5815	6139	4822
CPP / IPP Gas	0	0	0	0
SOLAR	780	845	0	0
Exchange with Mumbai	-1344	-1464	-1375	-1199
MSEDCL DEMAND MET	18666	17932	16445	13704
Load Shedding	0	0	0	0
MSEDCL DEMAND	18666	17932	16445	13704
TPCL GENERATION	1047	1095	1015	770
R-INFRA GENERATION	493	375	472	375
MUMBAI DEMAND	2884	2934	2862	2344
STATE DEMAND MET	21550	20866	19307	16048
STATE DEMAND	21550	20866	19307	16048
Frequency (Hz)	50.00	49.92	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22.00 Hrs	49.74 Hz at 17.29 Hrs	49.97	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 27/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.77	22.74	157	0
Unit 7	0.00	0.00	0	0
Unit 8	8.12	196.13	400	295
Unit 9	6.84	207.74	333	260
Unit 10	8.77	207.22	410	290
Total	25.51	633.83		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.44	239.44	500	350
Unit 5	10.42	237.49	500	345
Total	20.86	476.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.49	131.92	250	197
Unit 7	0.00	0.00	0	0
Unit 8	5.12	132.66	233	185
Total	10.61	264.58		
Chandrapur				
Unit 3	4.17	54.26	184	162
Unit 4	0.00	23.01	0	0
Unit 5	9.54	254.14	440	359
Unit 6	9.96	231.32	450	360
Unit 7	9.77	257.14	443	360
Unit 8	9.71	228.50	440	360
Unit 9	0.00	249.57	0	0
Total	43.16	1297.95		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.43	128.40	250	0
Total	4.43	128.40		
Khaparkhedda				
Unit 1	0.00	0.00	0	0
Unit 2	4.12	107.61	185	160
Unit 3	4.10	100.55	188	159
Unit 4	4.06	112.00	200	150
Unit 5	9.62	234.85	440	380
Total	21.90	555.02		
Nasik				
Unit 3	3.87	75.29	190	150
Unit 4	4.04	106.42	201	160
Unit 5	0.00	22.37	0	0
Total	7.92	204.09		
Uran				
All Units	7.05	179.95	312	268
Total	7.05	179.95		
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)	0.10	2.12	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	2.12		
Koyna				
Stage 1-2	1.26	30.36	200	40
Stage 4	0.00	12.56	0	0
Stage 3	0.33	9.94	80	0
Total	1.60	52.86		
Hydro				
KDPH	0.44	14.10	19	19
VTRNA	0.47	12.35	60	0
TILLARI	0.36	1.08	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	4.19	53	0
RNGR+BHTSA	0.08	9.80	12	1
BHANDARDRA	0.00	4.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	4.58	13	1
GHATGHAR	0.83	9.16	125	0
Total	2.36	59.89		
Wind				
Total	11.80	216.60	0	0
Total	11.80	216.60		
CPP				
APML(Mus)	72.30	1832.19	0	0
JSWEL(Mus)	23.03	656.18	0	0
VIPL(Mus)	10.40	199.65	0	0
RPLAMT(Mus)	10.60	217.26	0	0
WPCL(Mus)	2.01	114.15	0	0
Other(Mus)	15.32	374.53	0	0
Total	133.65	3393.96		
SOLAR				
Total	5.71	146.44	0	0
Total	5.71	146.44		
Tata				
Trombay 5	7.60	223.81	338	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	75.13	117	116
Trombay 7B	1.62	43.10	68	67
Trombay 8	4.92	129.01	223	202
TATA Hydro	3.65	85.72	386	0
Total	20.58	556.78		
R-INFRA				
DTPS U-1&2	9.46	261.08	493	374
Total	9.46	261.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.37	3560.79	MSPGCL Total	145.39	3853.49
			MSPGCL Thml+Gas	141.43	3740.74	Koyna 1,2 & 4 Total	1.26	42.92
			MSPGCL Hydro	3.96	112.75	State Total	326.60	8428.34

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Nov/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4966	62	296	5324	218	5046	0	0	4499	4407	-1078	13917	0	13917	2162	16079	49.99
2	4949	62	308	5318	341	5054	0	0	4561	4452	-902	14263	0	14263	1987	16250	49.96
3	4968	62	308	5338	426	5054	0	0	4400	4177	-791	14203	0	14203	1868	16071	49.98
4	4961	62	309	5332	533	5065	0	0	4320	4187	-713	14404	0	14404	1789	16193	49.99
5	4960	62	300	5322	639	5061	0	0	4609	4664	-677	15009	0	15009	1753	16762	50.00
6	5171	62	310	5542	744	5205	0	0	5033	5105	-775	15822	0	15822	1851	17673	49.95
7	5726	60	310	6096	911	5624	0	5	5233	4996	-880	16752	0	16752	1979	18731	49.97
8	5941	66	312	6318	983	5731	0	118	5279	5254	-972	17433	0	17433	2102	19535	49.97
9	6058	154	307	6518	894	5769	0	419	5218	5398	-1234	17765	0	17765	2370	20135	49.98
10	6063	338	292	6692	841	5921	0	627	5210	5297	-1340	18039	0	18039	2672	20711	49.92
11	6015	382	287	6684	881	5973	0	780	5873	5693	-1344	18666	0	18666	2884	21550	50.00
12	6043	258	274	6576	721	5954	0	841	6072	5654	-1450	18295	0	18295	2939	21234	49.99
13	6013	206	281	6500	497	5815	0	845	5633	5739	-1464	17932	0	17932	2934	20866	49.92
14	6012	302	280	6594	413	5924	0	779	5350	5687	-1490	17907	0	17907	2859	20766	49.98
15	6084	202	268	6554	262	5929	0	624	5702	5497	-1527	17340	0	17340	2879	20219	49.91
16	5999	318	279	6596	189	5919	0	422	5515	5454	-1527	17052	0	17052	2902	19954	49.93
17	5889	266	270	6426	176	5884	0	213	5185	5137	-1481	16355	0	16355	2885	19240	49.91
18	5807	292	283	6382	279	6059	0	38	4676	4540	-1403	15895	0	15895	2878	18773	49.87
19	5808	332	287	6426	375	6139	0	0	4969	4879	-1375	16445	0	16445	2862	19307	49.99
20	5792	128	290	6210	363	5861	0	0	5082	4704	-1436	15701	0	15701	2753	18454	50.03
21	5404	96	302	5802	280	5535	0	0	4962	4803	-1395	15025	0	15025	2580	17605	49.98
22	5214	72	296	5582	291	5322	0	0	4876	4610	-1339	14466	0	14466	2476	16942	50.05
23	5245	62	296	5602	279	4983	0	0	4436	4288	-1284	13869	0	13869	2414	16283	50.02
24	5286	62	307	5654	265	4822	0	0	4340	4162	-1199	13704	0	13704	2344	16048	49.96
MUs	134.37	3.96	7.05	145.39	11.80	133.65	0.00	5.71	121.03	118.78	-29.08	386.26	0.00	386.26	59.12	445.38	49.97

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 27/Nov/2018

Position as on 6.30 Hrs of 28/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Khaparkheda 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	27/11/2018	01.42	heavy steam leakage of deaerator.	
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		Continued.	Boiler Tube Leakage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Koradi Unit 6	210	27/11/2018	02.50	27/11/2018	06.00	Turbine Protection.	
MSPGCL	Koradi Unit 6	210	27/11/2018	14.45	27/11/2018	18.38	HP Heater Level High.	
MSPGCL	Paras Unit 4	250	27/11/2018	16.36	27/11/2018	18.57	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 28/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 2	IntraState	27/11/2018	18.08	27/11/2018	19.11	T	Over Voltage
Chandrapur - Padghe Hvdc Pole 1	IntraState	27/11/2018	18.09	27/11/2018	19.11	T	Over Voltage
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		Continued.	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	27/11/2018	08.40	27/11/2018	12.17	EO	Attending Hot Spot
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.
Deepnagar Taptitanda	IntraState	27/11/2018	12.38	27/11/2018	18.02	PO	Replacement of Dead End & Mid Span Joint.
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		Continued.	PO	Attending Hot Spot
Deepnagar Taptitanda	IntraState	28/11/2018	06.28		Continued.	PO	Replacement Of Dead End & Mid Span Joint.
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 315 MVA ICT -I @New Koyna	IntraState	26/11/2018	09.37	27/11/2018	01.25	PO	Fire Detector Alaram Indication And CT Healthiness Attended Work.
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.
Uran - Kharghar I	IntraState	22/11/2018	11.39		Continued.	PO	Conductor dismantling work.
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
Kharghar-Borivali ckt II	IntraState	27/11/2018	06.08	27/11/2018	13.02	EO	Tapping Of Tifil Substation On 220KV Kharghar-Borivali Line
Mahad-Kandalgaon	IntraState	27/11/2018	10.21	27/11/2018	15.25	EO	Attending Hot Spot
Kalwa - Siemens	IntraState	27/11/2018	13.13		Continued.	HT	To Shift Load On Kharghar ICT
Nagothane - Ipcl	IntraState	27/11/2018	14.12	27/11/2018	15.48	PO	Bus Outage For Attending Alignment Problem of Bus Isolator And CRM Testing By IPCL Company.
Colourchem - Temghar	IntraState	27/11/2018	14.23	27/11/2018	16.50	PO	Attending Minor Oil Leakage At R-PH CT Of Temghar Line At Colourchem.
Nanded - Parli Ext. Ckt I	IntraState	28/11/2018	05.21		Continued.	HT	TO CONTROL NANDED-NANDED CKT LOADING.
220 KV ICT Outages/Trippings							
220/132 kv 150MVA ICT II@ GCR	IntraState	24/11/2018	10.11	27/11/2018	16.38	PO	Replacement of Line Isolator

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 27/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nashik							
220/132kv 115mva Bhel Ptr 3 @Lonand	IntraState	27/11/2018	10.16	27/11/2018	13.56	PO	Quarterly Maintenance Work
220/22 Kv 50 Mva Bbl Ptr 3 @Mahad	IntraState	27/11/2018	10.20	27/11/2018	20.04	PO	POST MANSOON MAINTENANCE WORK.
220/132kv 100MVA ICT II @Satara Midc	IntraState	27/11/2018	10.25	27/11/2018	17.56	PO	Quarterly Maintainance Work
220/22 Kv 50 Mva Bhel Ptr 1 @Mahad	IntraState	27/11/2018	11.01	27/11/2018	15.02	PO	POST MANSOON MAINTENANCE WORK.