

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Oct/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.253	3636.414	1) Gujrat	-2.712	40.193
2) Hydro	3.653	273.675	2) Madhya Pradesh	15.687	565.371
3) Gas	6.889	195.102	3) Chattisgarh	6.240	205.970
Total MSPGCL	141.795	4105.191	4) Maharashtra Net	151.166	4642.458
B) 1) APML	75.330	1979.397	5) Goa (Amona)	-0.330	-7.766
2) JSWEL	26.791	798.453	Total	170.051	5446.226
3) VIPL	6.054	207.242	a) Mumbai Schedule	22.835	804.798
4) RPL(AMT)	6.172	185.653	b) Mumbai Drawl	32.461	892.185
5) WPCL	5.473	142.070	c) MSEDCL Bilateral *	68.089	2305.062
6) PGPL	0.000	0.000	Include PX	33.125	1323.312
7) Other IPP	10.134	221.406	d) Mumbai Bilateral *	22.835	802.763
C) 1) TPCL Thermal	13.692	456.228	Include PX	7.418	312.307
2) TPCL Hydro	3.611	115.671	Include Standby	0.000	2.035
3) TPCL Gas	4.191	124.746	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.755	331.807	1) MSEDCL	425.544	12587.798
D) STATE			2) Mumbai Discoms	63.710	1920.642
1) Thermal	284.654	7958.670	TOTAL STATE	489.254	14508.440
(A1+C1+C4+(B1-B6))					
2) Hydro	7.264	389.346			
(A2+C2)					
3) Gas	11.080	319.848			
(A3+B6+C3)					
4) Wind	10.066	231.270			
6) SOLAR	6.139	163.075			
TOTAL STATE	319.203	9062.209			

* 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 1 Hrs
MSPGCL Thermal	5698	5740	5632	5048
MSPGCL Hydro	130	104	237	114
MSPGCL Gas	285	261	288	297
MSPGCL Total Generation	6113	6105	6157	5459
Central Sector Receipt	8508	8244	6893	5404
WIND	448	567	371	511
CPP / IPP Thermal	5572	5458	5568	5179
CPP / IPP Gas	0	0	0	0
SOLAR	849	866	0	0
Exchange with Mumbai	-1374	-1627	-1544	-1268
MSEDCL DEMAND MET	20116	19613	17445	15285
Load Shedding	0	0	0	0
MSEDCL DEMAND	20116	19613	17445	15285
TPCL GENERATION	1205	1056	1147	698
R-INFRA GENERATION	503	404	429	375
MUMBAI DEMAND	3082	3087	3120	2341
STATE DEMAND MET	23198	22700	20565	17626
STATE DEMAND	23198	22700	20565	17626
Frequency (Hz)	50.02	50.02	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 12.02 Hrs	49.81 Hz at 09.11 Hrs	49.98	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 29/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.35	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.66	135.06	380	263
Unit 9	8.25	271.81	411	300
Unit 10	7.55	165.62	368	280
Total	23.46	578.83		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.38	253.28	460	330
Unit 5	9.09	180.59	410	325
Total	18.47	433.87		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.67	131.59	245	170
Unit 7	0.00	77.02	0	0
Unit 8	4.42	50.63	199	170
Total	9.08	259.24		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.68	119.21	184	124
Unit 5	9.73	182.17	425	385
Unit 6	10.53	264.98	455	430
Unit 7	10.25	263.48	446	410
Unit 8	0.00	274.76	0	0
Unit 9	10.41	290.23	442	423
Total	44.59	1396.33		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.58	166.19	250	190
Total	5.58	166.19		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.07	85.63	180	160
Unit 3	4.25	104.00	184	160
Unit 4	4.06	101.54	195	143
Unit 5	10.21	299.03	460	351
Total	22.59	590.20		
Nasik				
Unit 3	3.65	88.84	158	150
Unit 4	3.82	101.62	170	150
Unit 5	0.00	21.29	0	0
Total	7.47	211.75		
Uran				
All Units	6.89	195.10	306	258
Total	6.89	195.10		
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	16.40	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	16.40		
Koyna				
Stage 1-2	1.06	83.47	65	40
Stage 4	0.00	93.29	0	0
Stage 3	0.50	39.46	80	0
Total	1.55	216.22		
Hydro				
KDPH	0.65	16.66	37	18
VTRNA	0.29	0.92	60	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	6.22	63	0
RNGR+BHTSA	0.40	11.24	17	16
BHANDARDRA	0.32	7.92	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	7.56	16	5
GHATGHAR	0.18	5.05	125	0
Total	2.10	57.45		
Wind				
Total	10.07	231.27	0	0
Total	10.07	231.27		
CPP				
APML(Mus)	75.33	1979.40	0	0
JSWEL(Mus)	26.79	798.45	0	0
VIPL(Mus)	6.05	207.24	0	0
RPLAMT(Mus)	6.17	185.65	0	0
WPCL(Mus)	5.47	142.07	0	0
Other(Mus)	10.13	221.41	0	0
Total	129.95	3534.22		
SOLAR				
Total	6.14	163.08	0	0
Total	6.14	163.08		
Tata				
Trombay 5	8.53	298.66	473	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	78.92	115	78
Trombay 7B	1.55	45.82	67	54
Trombay 8	5.16	157.57	234	201
TATA Hydro	3.61	115.67	384	0
Total	21.49	696.64		
R-INFRA				
DTPS U-1&2	9.76	331.81	503	375
Total	9.76	331.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.25	3636.41	MSPGCL Total	141.80	4105.19
			MSPGCL Thml+Gas	138.14	3831.52	Koyna 1,2 & 4 Total	1.06	176.76
			MSPGCL Hydro	3.65	273.68	State Total	319.20	9062.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Oct/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	5048	114	297	5459	511	5179	0	0	5602	5404	-1268	15285	0	15285	2341	17626	49.99
2	5257	114	298	5669	516	5314	0	0	5926	5706	-1108	16097	0	16097	2187	18284	49.98
3	5249	114	291	5654	435	5337	0	0	6026	5900	-1002	16324	0	16324	2079	18403	49.95
4	5239	119	298	5656	356	5289	0	0	6059	6076	-930	16447	0	16447	2009	18456	49.95
5	5263	119	301	5683	236	5324	0	0	6623	6534	-916	16861	0	16861	1990	18851	49.93
6	5321	119	304	5744	176	5351	0	0	7705	7799	-962	18108	0	18108	2041	20149	49.95
7	5440	124	306	5870	142	5337	0	15	8364	8508	-1087	18785	0	18785	2108	20893	49.92
8	5474	135	304	5913	141	5399	0	204	7765	8066	-1005	18718	0	18718	2239	20957	49.96
9	5517	192	298	6007	214	5593	0	444	7951	7472	-1096	18634	0	18634	2520	21154	49.97
10	5495	147	282	5924	253	5576	0	683	7887	7915	-1141	19210	0	19210	2805	22015	49.92
11	5639	186	278	6103	412	5592	0	800	8390	8424	-1243	20088	0	20088	3004	23092	50.03
12	5698	130	285	6113	448	5572	0	849	8763	8508	-1374	20116	0	20116	3082	23198	50.02
13	5740	104	261	6105	567	5458	0	866	8662	8244	-1627	19613	0	19613	3087	22700	50.02
14	5481	103	269	5853	472	5298	0	819	8234	8596	-1626	19412	0	19412	2971	22383	49.99
15	5618	155	268	6041	485	5367	0	699	8434	8660	-1630	19622	0	19622	3072	22694	49.94
16	5758	299	267	6324	438	5454	0	482	8577	8564	-1746	19516	0	19516	3125	22641	49.94
17	5810	208	258	6276	406	5506	0	249	7913	7776	-1769	18444	0	18444	3123	21567	49.96
18	5772	212	273	6257	389	5518	0	29	7154	7090	-1710	17573	0	17573	3094	20667	49.96
19	5632	237	288	6157	371	5568	0	0	6825	6893	-1544	17445	0	17445	3120	20565	49.99
20	5522	177	282	5981	491	5586	0	0	6989	6530	-1509	17079	0	17079	3055	20134	50.06
21	5463	151	294	5908	596	5532	0	0	6187	5856	-1630	16262	0	16262	2837	19099	49.99
22	5455	156	287	5898	552	5497	0	0	5347	5273	-1569	15651	0	15651	2686	18337	50.03
23	5231	131	300	5662	701	5358	0	0	5313	4903	-1514	15110	0	15110	2600	17710	50.01
24	5131	107	300	5538	758	4947	0	0	5456	5354	-1455	15142	0	15142	2535	17677	50.03
MUs	131.25	3.65	6.89	141.79	10.07	129.95	0.00	6.14	172.15	170.05	-32.46	425.54	0.00	425.54	63.71	489.25	49.98

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 29/Oct/2018

Position as on 6.30 Hrs of 30/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	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-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Chandrapur Unit-8	500	28/10/2018	09.00		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	30/10/2018	15.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 30/Oct/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	27/10/2018	18.19	29/10/2018	05.35	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/10/2018	18.10	30/10/2018	06.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	30/10/2018	17.33		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - II	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bhusawal-Aurangabad	IntraState	28/10/2018	17.18	29/10/2018	06.29	HT	Over Voltage
New Koyana - Dabhol - II	IntraState	29/10/2018	10.40	29/10/2018	19.06	PO	Cold washing of insulator strings
Chandrapur-II - Nanded ckt I	IntraState	29/10/2018	11.09	29/10/2018	17.15	PO	Nut bolt tightening at loc 434
Koradi-Bhusawal	IntraState	29/10/2018	12.07	29/10/2018	21.14	PO	Flashover
Khadka-Aurangabad (Waluj)	IntraState	29/10/2018	21.29	30/10/2018	06.30	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/10/2018	20.00		Continued.	HT	Over Voltage
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.
Eklahare (Gcr) - Ghatghar	IntraState	22/10/2018	15.19	30/10/2018	20.36	PO	Routine Maintenance Work
Nerul-Trombay	IntraState	29/10/2018	06.32		Continued.	PO	Stinging of HTLC conductor.
Vita - Ghatnandre	IntraState	29/10/2018	10.22	29/10/2018	16.40	PO	Attending Oil Leakage
Chinchwad- Parvati	IntraState	30/10/2018	08.53	30/10/2018	16.51	PO	Hardware Conversion Work.
Halkarni-Mahalaxmiline	IntraState	30/10/2018	09.18	30/10/2018	17.42	PO	Insulator Replacement Work
Deepnagar Bambhori	IntraState	30/10/2018	09.42	30/10/2018	15.32	PO	Providing Pilot String.
Chandrapur GCR - Cpurlytss1	IntraState	30/10/2018	09.45	30/10/2018	18.45	PO	Routine Maintenance Work
Miraj - Ichalkaranji II	IntraState	30/10/2018	10.18	30/10/2018	19.17	PO	Repairing Of Damage Conductor.
Talandge(400kv)- Ichalkaranji 1	IntraState	30/10/2018	10.22	30/10/2018	19.19	PO	Pre-Maintenance Work.
Pophali - Pedambe II	IntraState	30/10/2018	10.24		Continued.	T	Distance Protection
Bus Coupler @ Butibori	IntraState	30/10/2018	11.21	30/10/2018	15.42	PO	Diagnostic Testing Work.
Valve-Jamde	IntraState	30/10/2018	11.27	30/10/2018	13.46	PO	Routine Maintenance Work
Balapur-Malegaon	IntraState	30/10/2018	12.45	30/10/2018	16.57	PO	String Replacement And Jumper Nut Bolt Tightening.
Topworth - Kharghar	IntraState	30/10/2018	13.58	30/10/2018	18.13	EO	Tree Cutting.
Gangapur-Valve	IntraState	30/10/2018	14.17	30/10/2018	17.38	PO	Routine Maintenance Work
Vita Alkud	IntraState	30/10/2018	16.57	30/10/2018	19.23	PO	Tan Delta Measurment of CTs
Karad - Vita Ckt- I	IntraState	30/10/2018	20.03	30/10/2018	13.06	T	Distance Protection R Phase To Earth 4.60KA Dist 33.8.
220 KV ICT Outages/Trippings							
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	30/10/2018	08.20	30/10/2018	18.10	PO	Attending Oil Leakage

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 29/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 30/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Parbhani-Bageshwari	IntraState	30/10/2018	05.00	30/10/2018	06.55	T	BKR Not Tripped At Both End Bus Bas Protection Opted.
Padegaon-Pishor	IntraState	30/10/2018	09.15	30/10/2018	19.32	T	Y PH CT Burst.