

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.947	3765.361	1) Gujrat	-0.944	39.249
2) Hydro	4.080	277.755	2) Madhya Pradesh	16.299	581.670
3) Gas	6.961	202.063	3) Chattisgarh	5.660	211.630
Total MSPGCL	139.988	4245.179	4) Maharashtra Net	139.118	4781.576
B) 1) APML	71.355	2050.752	5) Goa (Amona)	-0.418	-8.184
2) JSWEL	27.141	825.594	Total	159.715	5605.941
3) VIPL	6.801	214.043	a) Mumbai Schedule	22.231	827.029
4) RPL(AMT)	6.299	191.952	b) Mumbai Drawl	27.684	919.869
5) WPCL	5.961	148.031	c) MSEDCL Bilateral *	64.589	2369.650
6) PGPL	0.000	0.000	Include PX	28.954	1352.266
7) Other IPP	10.947	232.353	d) Mumbai Bilateral *	22.231	824.994
C) 1) TPCL Thermal	15.564	471.792	Include PX	5.936	318.243
2) TPCL Hydro	4.321	119.992	Include Standby	0.000	2.035
3) TPCL Gas	4.341	129.087	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.135	342.942	1) MSEDCL	420.824	13008.622
D) STATE			2) Mumbai Discoms	63.047	1983.689
1) Thermal	284.150	8242.820	TOTAL STATE	483.871	14992.311
(A1+C1+C4+(B1-B6))					
2) Hydro	8.401	397.747			
(A2+C2)					
3) Gas	11.302	331.150			
(A3+B6+C3)					
4) Wind	14.252	245.522			
6) SOLAR	6.049	169.124			
TOTAL STATE	324.154	9386.363			

* 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 23 Hrs
MSPGCL Thermal	5410	5433	5579	5384
MSPGCL Hydro	130	132	498	163
MSPGCL Gas	279	274	290	299
MSPGCL Total Generation	5819	5839	6367	5846
Central Sector Receipt	7948	8083	6469	4500
WIND	1024	767	359	828
CPP / IPP Thermal	5527	5159	5317	5141
CPP / IPP Gas	0	0	0	0
SOLAR	812	833	1	0
Exchange with Mumbai	-1567	-1531	-1196	-1374
MSEDCL DEMAND MET	19563	19151	17317	14941
Load Shedding	0	0	0	0
MSEDCL DEMAND	19563	19151	17317	14941
TPCL GENERATION	1062	1103	1350	825
R-INFRA GENERATION	394	410	503	392
MUMBAI DEMAND	3023	3044	3049	2591
STATE DEMAND MET	22586	22195	20366	17532
STATE DEMAND	22586	22195	20366	17532
Frequency (Hz)	49.98	49.95	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.73 Hz at 19.22 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 30/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	7.06	142.12	383	232
Unit 9	7.28	279.08	360	267
Unit 10	6.90	172.52	344	250
Total	21.24	600.07		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.56	262.84	435	350
Unit 5	9.56	190.15	435	350
Total	19.12	452.99		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.57	136.16	206	172
Unit 7	0.00	77.02	0	0
Unit 8	4.50	55.13	200	171
Total	9.07	268.31		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.19	123.40	182	160
Unit 5	9.88	192.05	425	360
Unit 6	10.45	275.42	450	420
Unit 7	10.38	273.86	442	422
Unit 8	0.00	274.76	0	0
Unit 9	10.32	300.54	442	419
Total	45.22	1441.55		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.31	169.50	245	0
Total	3.31	169.50		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	89.59	180	140
Unit 3	4.32	108.32	188	166
Unit 4	4.05	105.59	188	147
Unit 5	11.10	310.13	500	440
Total	23.43	613.63		
Nasik				
Unit 3	3.74	92.58	159	152
Unit 4	3.81	105.43	167	150
Unit 5	0.00	21.29	0	0
Total	7.56	219.31		
Uran				
All Units	6.96	202.06	317	270
Total	6.96	202.06		
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)	0.07	16.47	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	16.47		
Koyna				
Stage 1-2	1.22	84.68	150	40
Stage 4	0.00	93.29	0	0
Stage 3	0.47	39.94	132	0
Total	1.69	217.91		
Hydro				
KDPH	0.44	17.10	19	18
VTRNA	0.51	1.43	60	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	6.34	80	0
RNGR+BHTSA	0.40	11.64	17	16
BHANDARDRA	0.32	8.24	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	7.72	16	4
GHATGHAR	0.44	5.49	125	0
Total	2.39	59.85		
Wind				
Total	14.25	245.52	0	0
Total	14.25	245.52		
CPP				
APML(Mus)	71.36	2050.75	0	0
JSWEL(Mus)	27.14	825.59	0	0
VIPL(Mus)	6.80	214.04	0	0
RPLAMT(Mus)	6.30	191.95	0	0
WPCL(Mus)	5.96	148.03	0	0
Other(Mus)	10.95	232.35	0	0
Total	128.50	3662.72		
SOLAR				
Total	6.05	169.12	0	0
Total	6.05	169.12		
Tata				
Trombay 5	10.33	308.99	478	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	81.68	116	112
Trombay 7B	1.58	47.41	67	65
Trombay 8	5.24	162.81	235	199
TATA Hydro	4.32	119.99	459	0
Total	24.23	720.87		
R-INFRA				
DTPS U-1&2	11.14	342.94	504	376
Total	11.14	342.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.95	3765.36	MSPGCL Total	139.99	4245.18
			MSPGCL Thml+Gas	135.91	3967.42	Koyna 1,2 & 4 Total	1.22	177.97
			MSPGCL Hydro	4.08	277.76	State Total	324.15	9386.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	5261	97	301	5659	695	4980	0	0	5128	5148	-1269	15213	0	15213	2390	17603	49.92
2	5309	92	301	5702	646	5420	0	0	5280	5334	-1107	15995	0	15995	2190	18185	49.97
3	5259	102	293	5654	558	5404	0	0	5557	5576	-914	16278	0	16278	2051	18329	49.96
4	5246	127	304	5677	611	5502	0	0	5877	5555	-613	16732	0	16732	1959	18691	49.98
5	5247	97	304	5648	540	5502	0	0	6426	5944	-568	17066	0	17066	1927	18993	49.95
6	5250	97	308	5655	461	5485	0	0	7337	7080	-632	18049	0	18049	2007	20056	49.97
7	5246	97	307	5650	457	5484	0	19	8060	7806	-701	18715	0	18715	2093	20808	49.96
8	5281	102	317	5700	310	5539	0	180	7526	7884	-701	18912	0	18912	2209	21121	49.97
9	5379	172	291	5842	401	5630	0	425	7279	7427	-945	18780	0	18780	2488	21268	49.94
10	5423	139	293	5855	902	5637	0	648	7478	7068	-1167	18943	0	18943	2816	21759	49.97
11	5410	130	279	5819	1024	5527	0	812	7987	7948	-1567	19563	0	19563	3023	22586	49.98
12	5379	183	275	5837	947	5390	0	839	8256	8182	-1711	19484	0	19484	3092	22576	49.93
13	5433	132	274	5839	767	5159	0	833	8101	8083	-1531	19151	0	19151	3044	22195	49.95
14	5440	114	271	5825	598	5227	0	820	7828	7571	-1408	18633	0	18633	2965	21598	49.98
15	5466	93	270	5829	504	5232	0	690	8201	8098	-1362	18991	0	18991	3039	22030	49.94
16	5248	124	270	5642	422	5241	0	496	8240	8353	-1353	18801	0	18801	3091	21892	49.92
17	5402	153	272	5827	382	5317	0	243	7609	7492	-1285	17976	0	17976	3069	21045	49.94
18	5501	190	276	5967	370	5383	0	43	6585	6688	-1205	17246	0	17246	3021	20267	49.89
19	5579	498	290	6367	359	5317	0	1	6181	6469	-1196	17317	0	17317	3049	20366	49.94
20	5558	436	281	6275	453	5324	0	0	6272	6108	-1195	16965	0	16965	2947	19912	49.90
21	5517	359	295	6171	473	5336	0	0	5418	5495	-1244	16231	0	16231	2807	19038	49.97
22	5466	224	288	5978	644	5316	0	0	5257	5045	-1244	15739	0	15739	2673	18412	50.01
23	5384	163	299	5846	828	5141	0	0	5218	4500	-1374	14941	0	14941	2591	17532	49.95
24	5263	159	302	5724	900	5007	0	0	4914	4861	-1392	15100	0	15100	2504	17604	49.95
MUs	128.95	4.08	6.96	139.99	14.25	128.50	0.00	6.05	162.02	159.72	-27.68	420.82	0.00	420.82	63.05	483.87	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 30/Oct/2018

Position as on 6.30 Hrs of 31/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	31/10/2018	22.49	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	31/10/2018	20.52	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	30/10/2018	15.02		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	31/10/2018	07.50		Continued.	Heavy Sparking	

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

Statement-VII

Position as on 6.30 Hrs of 31/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 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	31/10/2018	06.20	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	31/10/2018	10.52	31/10/2018	17.31	PO	Testing Work
Dhule Sar'Sarovar I	InterState	31/10/2018	17.34		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
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	31/10/2018	06.18	HT	Over Voltage
Koradi-RattanIndia	IntraState	31/10/2018	10.16	31/10/2018	13.56	PO	Replacement of Flashover String
Bhusawal-Aurangabad	IntraState	31/10/2018	20.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	31/10/2018	12.50	31/10/2018	12.53	PO	Overload on Interconnector
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.
Badnera - Deoli (PG)	InterState	31/10/2018	17.14	31/10/2018	20.46	HT	H/T by WRDLC to control Overdrawal
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.
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 - Cpurryltss1	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.
Pedambe-Nerle	IntraState	31/10/2018	08.25	31/10/2018	10.53	EO	To attend 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 30/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 31/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
New Koyna - Loteparshuram	IntraState	31/10/2018	09.24	31/10/2018	12.53	PO	Insulator Replacement Work
Halkarni-Mahalaxmiline	IntraState	31/10/2018	09.27	31/10/2018	17.30	PO	Insulator Replacement Work
Uran - Kharghar I	IntraState	31/10/2018	10.29	31/10/2018	16.11	EO	To attend Hot Spot
Gadchandur - Grace	IntraState	31/10/2018	10.30	31/10/2018	14.29	PO	Backup Relay firmware upgradation
Chandrapur GCR - Sicom I	IntraState	31/10/2018	10.30	31/10/2018	14.29	PO	Backup Relay firmware upgradation
Ghatghar - Jindal	IntraState	31/10/2018	10.35	31/10/2018	19.11	PO	E/W replacement work
Washala - Ghatghar	IntraState	31/10/2018	10.42	31/10/2018	18.46	PO	E/W replacement work
Mahad - Pedambe	IntraState	31/10/2018	11.01	31/10/2018	17.15	PO	Line Maintenance work
Koradi-Ambazari-I	IntraState	31/10/2018	13.02	31/10/2018	13.38	PO	Installation of new AR switch
Chinchwad- Parvati	IntraState	31/10/2018	14.03	31/10/2018	14.46	T	Distance Protection
Telco- Chinchwad	IntraState	31/10/2018	14.05	31/10/2018	14.16	T	Distance Protection Y B Phase
Parli 3 (Old Gcr)-Osmanabad	IntraState	31/10/2018	17.46	31/10/2018	21.41	PO	CT Oil Leakage
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
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	31/10/2018	09.24	31/10/2018	17.56	PO	Isolator Replacement work
220/132 Kv 100MVA ICT-I @Jeur	IntraState	31/10/2018	09.50	31/10/2018	12.20	PO	Tan Delta Measurment of CTs
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	31/10/2018	10.27		Continued.	EO	To attend Hot Spot
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	31/10/2018	10.30	31/10/2018	17.49	PO	APTA Line CT Replacement, safety purpose
220/132kv 100MVA ICT-2@Jeur	IntraState	31/10/2018	12.25	31/10/2018	15.50	PO	Testing Work
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.
Deepnagar- Nimbhora	IntraState	31/10/2018	22.05		Continued.	T	R Phase CT Caught Fire

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