

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 31/Oct/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.953	3897.314	1) Gujrat	-2.128	37.121
2) Hydro	4.238	281.993	2) Madhya Pradesh	15.948	597.618
3) Gas	6.840	208.903	3) Chattisgarh	6.610	218.240
Total MSPGCL	143.031	4388.210	4) Maharashtra Net	132.502	4914.078
B) 1) APML	68.056	2118.808	5) Goa (Amona)	-0.484	-8.668
2) JSWEL	27.540	853.134	Total	152.448	5758.389
3) VIPL	7.060	221.103	a) Mumbai Schedule	20.977	848.006
4) RPL(AMT)	6.322	198.274	b) Mumbai Drawl	26.596	946.465
5) WPCL	5.590	153.621	c) MSEDCL Bilateral *	59.105	2428.756
6) PGPL	0.000	0.000	Include PX	23.404	1375.670
7) Other IPP	11.784	244.137	d) Mumbai Bilateral *	20.977	845.971
C) 1) TPCL Thermal	15.943	487.735	Include PX	4.683	322.926
2) TPCL Hydro	4.940	124.932	Include Standby	0.000	2.035
3) TPCL Gas	4.295	133.382	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.472	354.414	1) MSEDCL	419.081	13427.703
D) STATE			2) Mumbai Discoms	63.246	2046.935
1) Thermal	285.720	8528.540	TOTAL STATE	482.327	15474.638
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.178	406.925			
3) Gas (A3+B6+C3)	11.135	342.285			
4) Wind	17.747	263.269			
6) SOLAR	6.099	175.223			
TOTAL STATE	329.879	9716.242			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5529	5646	5603	5350
MSPGCL Hydro	192	198	550	152
MSPGCL Gas	274	270	288	299
MSPGCL Total Generation	5996	6114	6440	5802
Central Sector Receipt	7990	7643	6293	4909
WIND	805	407	318	796
CPP / IPP Thermal	5268	5377	5378	4773
CPP / IPP Gas	0	0	0	0
SOLAR	875	696	0	0
Exchange with Mumbai	-1369	-1271	-1222	-1448
MSEDCL DEMAND MET	19565	18967	17208	14831
Load Shedding	0	0	0	0
MSEDCL DEMAND	19565	18967	17208	14831
TPCL GENERATION	1255	1293	1349	707
R-INFRA GENERATION	504	501	502	373
MUMBAI DEMAND	3128	3065	3073	2528
STATE DEMAND MET	22693	22032	20281	17359
STATE DEMAND	22693	22032	20281	17359
Frequency (Hz)	49.91	49.89	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.02 Hz at 22.00 Hrs	49.89 Hz at 15.00 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 31/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	9.08	151.20	408	320
Unit 9	9.18	288.26	404	338
Unit 10	9.54	182.07	450	331
Total	27.80	627.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.25	273.10	480	350
Unit 5	10.09	200.24	470	350
Total	20.34	473.33		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	141.01	210	190
Unit 7	0.00	77.02	0	0
Unit 8	4.61	59.74	204	174
Total	9.46	277.77		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	1.44	124.84	183	0
Unit 5	10.27	202.32	440	409
Unit 6	10.62	286.04	450	431
Unit 7	10.50	284.36	450	420
Unit 8	0.42	275.18	178	0
Unit 9	10.34	310.89	440	414
Total	43.58	1485.14		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	169.50	0	0
Total	0.00	169.50		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.96	93.55	180	130
Unit 3	4.15	112.48	182	163
Unit 4	4.33	109.91	190	165
Unit 5	10.44	320.57	480	372
Total	22.89	636.52		
Nasik				
Unit 3	3.74	96.32	160	152
Unit 4	4.14	109.57	190	156
Unit 5	0.00	21.29	0	0
Total	7.88	227.18		
Uran				
All Units	6.84	208.90	305	261
Total	6.84	208.90		
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)	0.08	16.55	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	16.55		
Koyna				
Stage 1-2	1.26	85.94	155	40
Stage 4	0.00	93.29	0	0
Stage 3	0.26	40.20	80	0
Total	1.52	219.42		
Hydro				
KDPH	0.44	17.54	19	19
VTRNA	0.39	1.82	60	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	6.59	80	0
RNGR+BHTSA	0.40	12.03	17	16
BHANDARDRA	0.31	8.55	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	7.96	19	7
GHATGHAR	0.68	6.17	125	0
Total	2.72	62.57		
Wind				
Total	17.75	263.27	0	0
Total	17.75	263.27		
CPP				
APML(Mus)	68.06	2118.81	0	0
JSWEL(Mus)	27.54	853.13	0	0
VIPL(Mus)	7.06	221.10	0	0
RPLAMT(Mus)	6.32	198.27	0	0
WPCL(Mus)	5.59	153.62	0	0
Other(Mus)	11.78	244.14	0	0
Total	126.35	3789.08		
SOLAR				
Total	6.10	175.22	0	0
Total	6.10	175.22		
Tata				
Trombay 5	10.62	319.61	481	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	84.40	115	82
Trombay 7B	1.57	48.98	67	56
Trombay 8	5.32	168.12	238	165
TATA Hydro	4.94	124.93	459	0
Total	25.18	746.05		
R-INFRA				
DTPS U-1&2	11.47	354.41	504	373
Total	11.47	354.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.95	3897.31	MSPGCL Total	143.03	4388.21
			MSPGCL Thml+Gas	138.79	4106.22	Koyna 1,2 & 4 Total	1.26	179.23
			MSPGCL Hydro	4.24	281.99	State Total	329.88	9716.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/Oct/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	5306	136	299	5740	911	5062	0	0	4756	4960	-1297	15376	0	15376	2331	17707	49.96
2	5354	98	282	5734	909	5162	0	0	4889	5071	-1012	15864	0	15864	2144	18008	49.92
3	5336	96	282	5714	916	5257	0	0	5277	5192	-734	16346	0	16346	2026	18372	49.93
4	5339	102	282	5722	841	5262	0	0	5343	5300	-556	16570	0	16570	1932	18502	49.99
5	5319	102	293	5714	880	5254	0	0	5832	5575	-523	16900	0	16900	1899	18799	49.95
6	5322	96	284	5702	964	5298	0	0	6750	6684	-586	18063	0	18063	1975	20038	49.96
7	5338	246	304	5888	956	5320	0	22	7501	7083	-666	18604	0	18604	2067	20671	49.96
8	5542	160	305	6006	956	5349	0	175	7174	7140	-749	18878	0	18878	2219	21097	49.98
9	5433	96	290	5820	1114	5356	0	427	7132	6874	-988	18603	0	18603	2504	21107	49.93
10	5578	112	293	5984	1163	5299	0	679	6979	6784	-1268	18641	0	18641	2841	21482	49.96
11	5568	136	281	5984	909	5277	0	764	7482	7310	-1309	18936	0	18936	3049	21985	49.99
12	5529	192	274	5996	805	5268	0	875	7954	7990	-1369	19565	0	19565	3128	22693	49.91
13	5493	154	261	5908	637	5265	0	876	7644	7545	-1362	18869	0	18869	3131	22000	49.92
14	5588	104	272	5964	521	5338	0	819	7313	7441	-1200	18884	0	18884	3013	21897	49.95
15	5646	198	270	6114	407	5377	0	696	7800	7643	-1271	18967	0	18967	3065	22032	49.89
16	5664	156	271	6090	345	5397	0	482	7826	7726	-1267	18774	0	18774	3114	21888	49.92
17	5627	132	274	6034	269	5392	0	242	7129	7400	-1246	18091	0	18091	3095	21186	49.90
18	5637	248	276	6162	322	5422	0	42	6380	6484	-1205	17227	0	17227	3050	20277	49.94
19	5603	550	288	6440	318	5378	0	0	6038	6293	-1222	17208	0	17208	3073	20281	49.90
20	5588	432	281	6302	396	5385	0	0	5937	6247	-1160	17170	0	17170	2983	20153	50.02
21	5596	214	294	6104	658	5350	0	0	5666	5392	-1239	16266	0	16266	2826	19092	49.99
22	5731	164	287	6182	883	5174	0	0	5378	4708	-1449	15499	0	15499	2665	18164	50.02
23	5466	160	298	5924	871	4932	0	0	4904	4697	-1470	14953	0	14953	2588	17541	49.99
24	5350	152	299	5802	796	4773	0	0	4809	4909	-1448	14831	0	14831	2528	17359	49.98
MUs	131.95	4.24	6.84	143.03	17.75	126.35	0.00	6.10	153.89	152.45	-26.60	419.08	0.00	419.08	63.25	482.33	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 31/Oct/2018

Position as on 6.30 Hrs of 01/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.	
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	01/11/2018	18.56	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	31/10/2018	07.50		Continued.	Heavy Sparking	
MSPGCL	Parli Unit 6	250	01/11/2018	11.24	01/11/2018	15.15	MOT Malfunctioning	
MSPGCL	Parli Unit 6	250	01/11/2018	15.23	01/11/2018	21.34	Governor problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 01/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	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	01/11/2018	08.48	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	01/11/2018	18.35		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
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	01/11/2018	06.22	HT	Over Voltage
Main Bus-I @ Jejuri	IntraState	01/11/2018	09.48	01/11/2018	17.24	PO	Bus Isolator Alignment work
Bhusawal-Aurangabad	IntraState	01/11/2018	18.09		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	01/11/2018	19.22	01/11/2018	19.33	PO	Line Reactor outage
Jaigad-New Koyna Ckt-I	IntraState	01/11/2018	20.19		Continued.	T	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
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	01/11/2018	09.47	01/11/2018	17.27	PO	Bus Isolator Alignment work
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	01/11/2018	11.00	01/11/2018	18.00	PO	Attending Oil Leakage
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.
Nerul-Trombay	IntraState	29/10/2018	06.32		Continued.	PO	Stinging of HTLC conductor.
Pophali - Pedambe II	IntraState	30/10/2018	10.24	01/11/2018	21.52	T	Distance Protection
Pedambe-Nerle	IntraState	31/10/2018	08.25	31/10/2018	10.53	EO	To attend Hot Spot
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
Chandrapur GCR - Sicom I	IntraState	31/10/2018	10.30	31/10/2018	14.29	PO	Backup Relay firmware upgradation
Gadchandur - Grace	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

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 31/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 01/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Kharghar-Borivali ckt II	IntraState	01/11/2018	06.13	01/11/2018	14.28	HT	Safety Purpose
Kalwa Salsette III	IntraState	01/11/2018	06.35	01/11/2018	08.48	PO	Tree Cutting
Yeotmal- Pusad	IntraState	01/11/2018	08.48	01/11/2018	18.00	PO	Aux. Bus Isolator replacement
Chandrapur GCR - Warora - I	IntraState	01/11/2018	09.07	01/11/2018	13.20	PO	Backup Relay Firmware Upgradation
Nagothane-Wadkhal-I	IntraState	01/11/2018	09.26	01/11/2018	18.30	PO	Conductor replacement work
Washala - Ghatghar	IntraState	01/11/2018	11.35	01/11/2018	17.44	PO	Earth Wire replacement work
Ghatghar - Jindal	IntraState	01/11/2018	11.38	01/11/2018	17.01	PO	Earth wire replacement work
220 KV ICT Outages/Trippings							
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
220/132 kv 100MVA ICT @ Bhandara	IntraState	01/11/2018	10.30	01/11/2018	16.15	PO	Breaker Overhaul
220/33kv 125 MVA Transformer 5 @Versova R/S	IntraState	01/11/2018	13.42	01/11/2018	17.41	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	31/10/2018	22.05	01/11/2018	03.55	T	R Phase CT Caught Fire

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