

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Dec/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.314	1395.674	1) Gujrat	1.290	9.371
2) Hydro	3.935	48.976	2) Madhya Pradesh	8.648	92.118
3) Gas	7.343	68.063	3) Chattisgarh	6.300	61.870
Total MSPGCL	150.592	1512.713	4) Maharashtra Net	93.862	973.354
B) 1) APML	66.322	695.273	5) Goa (Amona)	-0.330	-2.662
2) JSWEL	17.673	175.820	Total	109.770	1134.051
3) VIPL	8.494	91.618	a) Mumbai Schedule	17.965	188.765
4) RPL(AMT)	14.923	127.295	b) Mumbai Drawl	21.557	232.937
5) WPCL	1.915	19.545	c) MSEDCL Bilateral *	22.549	225.877
6) PGPL	0.000	0.000	Include PX	-3.399	-36.639
7) Other IPP	14.856	148.595	d) Mumbai Bilateral *	17.965	188.765
C) 1) TPCL Thermal	12.281	130.025	Include PX	2.941	21.169
2) TPCL Hydro	4.616	30.208	Include Standby	0.000	0.000
3) TPCL Gas	4.194	43.261	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.459	97.955	1) MSEDCL	377.347	3784.445
D) STATE			2) Mumbai Discoms	52.107	534.382
1) Thermal	285.237	2881.800	TOTAL STATE	429.454	4318.827
(A1+C1+C4+(B1-B6))					
2) Hydro	8.551	79.184			
(A2+C2)					
3) Gas	11.537	111.324			
(A3+B6+C3)					
4) Wind	9.107	64.745			
6) SOLAR	5.252	47.727			
TOTAL STATE	319.684	3184.780			

* 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 1 Hrs
MSPGCL Thermal	6476	6099	5747	5397
MSPGCL Hydro	100	278	326	96
MSPGCL Gas	304	288	304	313
MSPGCL Total Generation	6880	6664	6376	5806
Central Sector Receipt	5768	5472	5338	2994
WIND	379	535	397	351
CPP / IPP Thermal	5910	5608	5082	4635
CPP / IPP Gas	0	0	0	0
SOLAR	680	821	0	0
Exchange with Mumbai	-1144	-1222	-1184	-667
MSEDCL DEMAND MET	18474	17878	16010	13118
Load Shedding	0	0	0	0
MSEDCL DEMAND	18474	17878	16010	13118
TPCL GENERATION	1058	1090	1023	689
R-INFRA GENERATION	502	376	376	374
MUMBAI DEMAND	2704	2688	2583	1730
STATE DEMAND MET	21178	20566	18592	14848
STATE DEMAND	21178	20566	18592	14848
Frequency (Hz)	49.95	49.91	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.76 Hz at 06.44 Hrs	49.94	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 10/Dec/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.65	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.10	79.30	308	280
Unit 9	7.22	40.44	303	300
Unit 10	7.18	76.68	301	290
Total	21.50	203.07		
Bhusawal				
Unit 3	0.00	3.86	0	0
Unit 4	9.05	97.96	500	350
Unit 5	9.01	97.50	495	345
Total	18.06	199.33		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	9.98	0	0
Unit 7	4.99	32.42	248	194
Unit 8	4.77	49.62	241	180
Total	9.76	92.02		
Chandrapur				
Unit 3	4.25	42.41	190	163
Unit 4	4.18	41.90	184	163
Unit 5	9.05	93.22	400	351
Unit 6	9.84	94.54	455	359
Unit 7	9.04	93.00	425	269
Unit 8	9.81	99.12	450	360
Unit 9	10.06	99.31	470	354
Total	56.24	563.51		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.20	53.27	255	200
Total	5.20	53.27		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.99	39.22	185	160
Unit 3	3.91	38.60	180	158
Unit 4	4.03	34.94	200	160
Unit 5	9.55	94.95	430	380
Total	21.49	207.71		
Nasik				
Unit 3	4.22	42.18	194	157
Unit 4	2.85	34.59	179	0
Unit 5	0.00	0.00	0	0
Total	7.07	76.77		
Uran				
All Units	7.34	68.06	317	286
Total	7.34	68.06		
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)	0.00	0.84	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.84		
Koyna				
Stage 1-2	1.44	15.08	170	40
Stage 4	0.00	5.64	0	0
Stage 3	0.19	4.55	74	0
Total	1.63	25.27		
Hydro				
KDPH	0.44	4.43	19	19
VTRNA	0.24	1.19	60	0
TILLARI	0.30	2.57	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.39	40	0
RNGR+BHTSA	0.34	3.57	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	3.32	28	16
GHATGHAR	0.37	7.24	125	0
Total	2.31	23.70		
Wind				
Total	9.11	64.74	0	0
Total	9.11	64.74		
CPP				
APML(Mus)	66.32	695.27	0	0
JSWEL(Mus)	17.67	175.82	0	0
VIPL(Mus)	8.49	91.62	0	0
RPLAMT(Mus)	14.92	127.30	0	0
WPCL(Mus)	1.92	19.54	0	0
Other(Mus)	14.86	148.60	0	0
Total	124.18	1258.15		
SOLAR				
Total	5.25	47.73	0	0
Total	5.25	47.73		
Tata				
Trombay 5	7.36	80.42	308	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	27.36	118	66
Trombay 7B	1.56	15.90	68	51
Trombay 8	4.92	49.60	224	200
TATA Hydro	4.62	30.21	421	0
Total	21.09	203.49		
R-INFRA				
DTPS U-1&2	9.46	97.96	502	372
Total	9.46	97.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.31	1395.67	MSPGCL Total	150.59	1512.71
			MSPGCL Thml+Gas	146.66	1463.74	Koyna 1,2 & 4 Total	1.44	20.72
			MSPGCL Hydro	3.94	48.98	State Total	319.68	3184.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Dec/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	5397	96	313	5806	351	4635	0	0	2794	2994	-667	13118	0	13118	1730	14848	49.99
2	5403	90	314	5808	322	4639	0	0	3070	3299	-541	13526	0	13526	1598	15124	49.98
3	5402	96	313	5810	333	4628	0	0	3459	3565	-500	13836	0	13836	1525	15362	49.97
4	5403	96	315	5814	283	4621	0	0	3794	3660	-466	13912	0	13912	1476	15388	49.97
5	5621	90	315	6026	345	4754	0	0	4005	3832	-476	14482	0	14482	1477	15958	49.99
6	5797	90	316	6204	336	5030	0	0	4626	4435	-584	15420	0	15420	1603	17024	49.95
7	5897	196	316	6408	339	5300	0	5	4926	5007	-705	16354	0	16354	1783	18138	49.86
8	6166	198	317	6680	302	5810	0	83	5518	5290	-728	17438	0	17438	1934	19372	49.91
9	6441	94	315	6850	225	5905	0	311	5597	5308	-886	17714	0	17714	2216	19930	49.93
10	6471	100	310	6880	219	5983	0	526	5598	5383	-950	18042	0	18042	2513	20554	49.90
11	6476	100	304	6880	379	5910	0	680	6095	5768	-1144	18474	0	18474	2704	21178	49.95
12	6351	190	300	6840	463	5735	0	761	6169	5674	-1289	18184	0	18184	2739	20924	49.94
13	6099	278	288	6664	535	5608	0	821	5502	5472	-1222	17878	0	17878	2688	20566	49.91
14	5962	220	287	6468	597	5561	0	763	5319	5133	-1157	17366	0	17366	2555	19920	49.99
15	5897	134	297	6328	556	5404	0	623	5440	5434	-1122	17222	0	17222	2555	19778	49.91
16	5896	124	286	6306	481	5377	0	457	5278	5294	-1122	16792	0	16792	2562	19354	49.91
17	5636	178	299	6114	382	5190	0	195	5176	5093	-1116	15858	0	15858	2542	18400	49.92
18	5615	346	292	6252	337	5012	0	27	4882	5088	-1032	15684	0	15684	2528	18212	49.92
19	5747	326	304	6376	397	5082	0	0	4933	5338	-1184	16010	0	16010	2583	18592	49.94
20	5710	168	306	6184	480	5133	0	0	4834	4748	-1086	15458	0	15458	2478	17936	49.97
21	5536	194	298	6028	421	4877	0	0	4126	4267	-1038	14554	0	14554	2312	16866	49.94
22	5488	168	310	5966	377	4768	0	0	3499	3439	-970	13580	0	13580	2156	15736	49.93
23	5457	198	314	5970	319	4615	0	0	3198	3290	-844	13350	0	13350	2007	15356	49.94
24	5446	168	314	5928	328	4606	0	0	3384	2958	-728	13092	0	13092	1843	14936	49.99
MUs	139.31	3.94	7.34	150.59	9.11	124.18	0.00	5.25	111.22	109.77	-21.56	377.35	0.00	377.35	52.11	429.45	49.94

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 10/Dec/2018

Position as on 6.30 Hrs of 11/Dec/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	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage work completed on 24/11/2018. Available against case 4 from 25/11/2018. Converted to COH from 00:00 Hrs of 05/12/2018 (for 40 Days)	
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	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	
MSPGCL	Koyana Unit 4	70	03/11/2018	09.02		Continued.	Stator Earth Fault	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Bhusawal Unit 3	210	02/12/2018	00.03		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	02/12/2018	22.01		Continued.	Turbine bearing Vibration high	
MSPGCL	Parli Unit 6	250	03/12/2018	00.52		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U4	300	07/12/2018	01.15		Continued.	No Schedule.	
MSPGCL	Nasik Unit 4	210	08/12/2018	16.40	10/12/2018	06.04	ID Fan B vibration problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 11/Dec/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	06/12/2018	18.04		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	11/12/2018	02.46		Continued.	T	Over Voltage
Karad - Talandge Ckt 1	IntraState	03/12/2018	10.19	10/12/2018	17.10	PO	CB Overhauling Work.
Khadka-Aurangabad (Waluj)	IntraState	09/12/2018	17.09	10/12/2018	11.59	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/12/2018	20.41	10/12/2018	07.22	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/12/2018	21.45	10/12/2018	10.02	HT	Over Voltage
Koradi III(Adani)-Koradi II ckt 2	IntraState	10/12/2018	12.16	10/12/2018	16.00	PO	Tan Delta Measurement.
Kharghar-Talegaon(PG)	IntraState	10/12/2018	13.18	10/12/2018	18.50	EO	String Replacement At Loc.No.100.
Chandrapur - Khaperkheda	IntraState	10/12/2018	15.42	10/12/2018	20.14	EO	Replacement Of Line Insulators.
Deepnagar Taptitanda	IntraState	10/12/2018	16.06	10/12/2018	20.43	T	Distance Protection,Z-1, D-197 KM, Location No-24 Disk Flash-over.
Khadka-Aurangabad (Waluj)	IntraState	10/12/2018	18.56		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	11/12/2018	02.46		Continued.	T	Over Voltage
Padghe - Kalwa- I	IntraState	11/12/2018	02.46		Continued.	T	Over Voltage
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	11/12/2018	02.46		Continued.	T	Due To B-Ph CT Brust.
N.Koyna-Karad -Ckt I	IntraState	11/12/2018	03.56		Continued.	T	Tripped At New Koyna End Without Indication.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection, Declared Faulty.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/11/2018	00.54		Continued.	T	Differential protection Bucholz, REF, PRV, CTR Relay R PH unit faulty.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	08/12/2018	08.09		Continued.	PO	Oil Filtration Work.
400/220kv 315 Mva ICT I @Karad	IntraState	10/12/2018	09.52	10/12/2018	20.18	PO	Rtv Silicon Coating Of Isolator.
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-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.
Padgha - Temghar I	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Padgha-Temghar-II	IntraState	03/12/2018	08.15		Continued.	OO	To control load on Padgha ICTs.
Urse-Chinchwad	IntraState	09/12/2018	23.52	10/12/2018	00.03	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	09/12/2018	23.56	10/12/2018	04.41	HT	Load Management.
Warora - Wardha	IntraState	10/12/2018	07.55	10/12/2018	08.44	T	Tripped On PDR.
Hinganghat - Bhugaon	IntraState	10/12/2018	10.41	10/12/2018	17.45	PO	Measurement of Tan Delta Of

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 10/Dec/2018

Statement-VII

Position as on 6.30 Hrs of 11/Dec/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							CTs,Measurement of CB Timing & CRM.
Kolhapur-Bidri	IntraState	10/12/2018	11.35	10/12/2018	15.45	PO	C.B.CRM Testing.
Nanded-Ghatodi	IntraState	10/12/2018	11.36	10/12/2018	18.24	PO	Replacement Of line Insulators.
Koradi-Ambazari-I	IntraState	10/12/2018	12.13	10/12/2018	14.16	EO	Hot Spot On B-PH Bus ISO T-Side Clamp.
Khaparkheda-Ambazari-Ii	IntraState	10/12/2018	15.02	10/12/2018	16.36	EO	Attending Hot Spot On R-PH Line Iso Pad.
Talandge(400kv)- Ichalkaranji 1	IntraState	10/12/2018	15.10	10/12/2018	15.17	PO	Tan Delta Measurement.
220 KV ICT Outages/Trippings							
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	10/12/2018	10.00	10/12/2018	17.02	PO	HV Isolator maintenance.
132 KV LINE Outages/Trippings							
Padegaon - Canpack	IntraState	09/12/2018	23.40	10/12/2018	14.37	T	Differential protection
Bhandara-Madgi-I	IntraState	09/12/2018	23.57	10/12/2018	03.05	T	Distance Protection Operated Zone 1.

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