

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 13/Oct/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.832	1576.462	1) Gujrat	0.867	40.784
2) Hydro	3.834	185.189	2) Madhya Pradesh	25.013	287.020
3) Gas	6.269	87.806	3) Chattisgarh	9.440	86.030
Total MSPGCL	134.935	1849.457	4) Maharashtra Net	169.479	2024.533
B) 1) APML	72.784	821.047	5) Goa (Amona)	-0.132	-3.168
2) JSWEL	27.483	369.896	Total	204.667	2435.199
3) VIPL	8.663	118.084	a) Mumbai Schedule	28.559	370.080
4) RPL(AMT)	6.490	83.860	b) Mumbai Drawl	32.261	398.533
5) WPCL	5.085	66.129	c) MSEDCL Bilateral *	83.176	1077.700
6) PGPL	0.000	0.000	Include PX	50.275	650.257
7) Other IPP	7.363	96.988	d) Mumbai Bilateral *	28.559	369.440
C) 1) TPCL Thermal	16.665	209.954	Include PX	12.605	126.927
2) TPCL Hydro	3.230	68.767	Include Standby	0.000	0.640
3) TPCL Gas	4.339	56.627	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.629	154.464	1) MSEDCL	446.503	5627.403
D) STATE			2) Mumbai Discoms	68.124	888.347
1) Thermal	280.994	3496.884	TOTAL STATE	514.627	6515.750
(A1+C1+C4+(B1-B6))					
2) Hydro	7.064	253.956			
(A2+C2)					
3) Gas	10.608	144.433			
(A3+B6+C3)					
4) Wind	5.659	110.956			
6) SOLAR	5.635	74.320			
TOTAL STATE	309.960	4080.549			

* 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 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5259	5253	5488	5306
MSPGCL Hydro	354	212	343	100
MSPGCL Gas	266	265	273	150
MSPGCL Total Generation	5879	5730	6104	5556
Central Sector Receipt	9601	9579	8121	7068
WIND	275	225	152	294
CPP / IPP Thermal	5440	5354	5441	5285
CPP / IPP Gas	0	0	0	0
SOLAR	753	835	0	0
Exchange with Mumbai	-1427	-1422	-1418	-1597
MSEDCL DEMAND MET	20520	20302	18400	16606
Load Shedding	621	732	0	0
MSEDCL DEMAND	21142	21034	18400	16606
TPCL GENERATION	1291	1233	1203	893
R-INFRA GENERATION	499	500	500	377
MUMBAI DEMAND	3217	3155	3121	2867
STATE DEMAND MET	23738	23456	21521	19473
STATE DEMAND	24358	24188	21521	19473
Frequency (Hz)	49.98	50.03	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 12.33 Hrs	49.83 Hz at 17.00 Hrs	49.99	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 13/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.02	0.02	20	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	65.95	0	0
Unit 9	7.53	134.67	360	291
Unit 10	7.26	39.90	325	280
Total	14.81	240.54		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.12	114.70	430	320
Unit 5	9.14	46.44	430	320
Total	18.25	161.15		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.33	55.43	193	170
Unit 7	4.03	56.05	191	0
Unit 8	0.00	0.00	0	0
Total	8.36	111.48		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.90	54.83	170	136
Unit 5	8.58	112.66	365	350
Unit 6	8.81	114.38	395	355
Unit 7	8.84	115.63	400	349
Unit 8	10.55	123.87	449	430
Unit 9	10.22	122.87	448	375
Total	50.91	645.75		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.74	74.38	250	217
Total	5.74	74.38		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.42	28.16	160	125
Unit 3	3.81	39.84	173	143
Unit 4	3.28	46.13	170	0
Unit 5	8.76	131.57	440	310
Total	19.27	245.70		
Nasik				
Unit 3	3.70	48.15	170	147
Unit 4	3.79	49.31	172	152
Unit 5	0.00	0.00	0	0
Total	7.49	97.46		
Uran				
All Units	6.27	87.81	291	150
Total	6.27	87.81		
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)	0.77	9.13	35	27

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.77	9.13		
Koyna				
Stage 1-2	1.58	52.16	205	40
Stage 4	0.00	82.02	0	0
Stage 3	0.44	29.49	80	0
Total	2.02	163.67		
Hydro				
KDPH	0.44	3.44	19	18
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.75	80	0
RNGR+BHTSA	0.40	4.97	17	16
BHANDARDRA	0.34	2.58	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	3.04	19	7
GHATGHAR	0.13	1.49	64	0
Total	1.81	21.52		
Wind				
Total	5.66	110.96	0	0
Total	5.66	110.96		
CPP				
APML(Mus)	72.78	821.05	0	0
JSWEL(Mus)	27.48	369.90	0	0
VIPL(Mus)	8.66	118.08	0	0
RPLAMT(Mus)	6.49	83.86	0	0
WPCL(Mus)	5.08	66.13	0	0
Other(Mus)	7.36	96.99	0	0
Total	127.87	1556.00		
SOLAR				
Total	5.64	74.32	0	0
Total	5.64	74.32		
Tata				
Trombay 5	11.30	137.54	483	388
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	35.90	115	114
Trombay 7B	1.58	20.73	67	65
Trombay 8	5.36	72.42	239	200
TATA Hydro	3.23	68.77	400	0
Total	24.23	335.35		
R-INFRA				
DTPS U-1&2	11.63	154.46	502	375
Total	11.63	154.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.83	1576.46	MSPGCL Total	134.94	1849.46
			MSPGCL Thml+Gas	131.10	1664.27	Koyna 1,2 & 4 Total	1.58	134.18
			MSPGCL Hydro	3.83	185.19	State Total	309.96	4080.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	4866	104	280	5250	321	5420	0	0	7504	7644	-1552	17083	0	17083	2924	20007	49.91
2	4966	104	291	5361	353	5399	0	0	8048	7862	-1293	17682	117	17799	2667	20466	49.97
3	5111	104	281	5496	290	5217	0	0	8025	8209	-1127	18085	118	18203	2471	20674	49.95
4	5091	99	290	5480	299	5191	0	0	7848	7938	-984	17924	118	18042	2359	20401	49.99
5	5042	109	281	5432	250	5346	0	0	7973	8536	-911	18653	124	18777	2288	21065	49.98
6	5072	104	282	5458	242	5343	0	0	8838	8829	-944	18928	547	19475	2324	21799	49.99
7	5082	108	291	5481	281	5327	0	18	8914	8603	-956	18754	1033	19787	2332	22119	50.04
8	5074	103	280	5457	240	5228	0	180	8508	8214	-1005	18314	1115	19429	2382	21811	50.02
9	5092	126	278	5496	144	5286	0	406	8556	8478	-1155	18655	524	19179	2566	21745	49.99
10	5117	194	285	5596	235	5375	0	634	8831	9004	-1388	19456	305	19761	2872	22633	50.00
11	5069	274	261	5604	308	5443	0	724	9276	9628	-1387	20320	314	20634	3131	23765	49.99
12	5259	354	266	5879	275	5440	0	753	9555	9601	-1427	20520	621	21142	3217	24358	49.98
13	5253	212	265	5730	225	5354	0	835	9775	9579	-1422	20302	732	21034	3155	24188	50.03
14	5253	120	253	5626	216	5168	0	724	10092	9650	-1574	19810	525	20335	3043	23378	50.01
15	5261	106	251	5618	197	5215	0	611	9876	10001	-1564	20078	372	20450	3125	23575	49.94
16	5308	96	265	5669	221	5291	0	410	10046	9881	-1575	19897	74	19971	3187	23158	49.93
17	5327	154	269	5750	164	5390	0	298	9262	9259	-1534	19327	0	19327	3140	22467	49.97
18	5278	201	270	5749	116	5411	0	41	8175	8464	-1373	18408	0	18408	3045	21453	49.98
19	5314	309	272	5895	151	5440	0	1	7947	7467	-1418	17536	0	17536	3085	20621	49.95
20	5488	343	273	6104	152	5441	0	0	7997	8121	-1418	18400	0	18400	3121	21521	50.02
21	5507	109	275	5891	173	5323	0	0	7741	7483	-1491	17379	0	17379	3059	20438	50.03
22	5399	101	209	5709	247	5296	0	0	7483	7328	-1576	17004	0	17004	2899	19903	50.03
23	5306	100	150	5556	294	5285	0	0	7316	7068	-1597	16606	0	16606	2867	19473	50.00
24	5297	200	151	5648	265	5239	0	0	7390	7820	-1590	17382	0	17382	2865	20247	49.94
MUs	124.83	3.83	6.27	134.94	5.66	127.87	0.00	5.63	204.98	204.67	-32.26	446.50	6.64	453.14	68.12	521.27	49.99

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 13/Oct/2018

Position as on 6.30 Hrs of 14/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 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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Koradi Unit 6	210	09/09/2018	05.52	13/10/2018	20.07	Inspection of Boiler Tubes by R & M Team.	
MSPGCL	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
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	Parli Unit 8	250	30/09/2018	22.24		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Koradi Unit-8	660	09/10/2018	10.18		Continued.	Poor Coal Receipt.	
MSPGCL	Parli Unit 7	250	12/10/2018	21.48	13/10/2018	01.30	Coal mill problem	
MSPGCL	Khaparkheda Unit 4	210	13/10/2018	17.06	13/10/2018	19.04	Tripped On High Furnace Pressure.	
MSPGCL	Koradi Unit 6	210	13/10/2018	20.20	13/10/2018	23.28	Tripped On low Drum level.	
MSPGCL	Uran Unit 5	108	13/10/2018	21.31	14/10/2018	16.23	Turbine bearing Vibration checking.	
MSPGCL	Koradi Unit 6	210	13/10/2018	23.58		Continued.	Generator protection	
IPP	JSW (J) U3	300	14/10/2018	17.11		Continued.	CW DUCT LEAKGE.	
CPP	SWPGL U-3	135	14/10/2018	18.14	14/10/2018	19.32	Id Fan Vibration High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 14/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	12/10/2018	18.15	13/10/2018	05.26	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	12/10/2018	20.32	13/10/2018	17.40	EO	Taken On TBC Attend Hot Spot At PG End-B-PH D Isolator.
Wardha (Pg) Warora I	InterState	13/10/2018	15.18	13/10/2018	15.54	PO	Filling Of SF6 Gas.
Dhule Sar'Sarovar I	InterState	13/10/2018	18.11	14/10/2018	07.03	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/10/2018	17.46		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)
Main Bus - I @ Deepnagar	IntraState	13/10/2018	09.52	13/10/2018	17.50	PO	Replacement Of BUS PT.
Girwali-Solapur (Lamboti)	IntraState	13/10/2018	11.09	13/10/2018	13.33	EO	Breaker Compressor Leakage Problem/Shifted On Tie Bay.
Lonikand I - Koyna stage-IV	IntraState	13/10/2018	12.04	13/10/2018	13.06	T	Distance Protection Lonikand-zone 1 R PH E F. L1. 4 Ka Stage 4 Zone 1 67.60 KM 4.82 Ka R PH E.
Chandrapur-II - Nanded ckt I	IntraState	14/10/2018	00.23	14/10/2018	10.48	T	Distance Protection,R PH.
Lonikand I - Koyna stage-IV	IntraState	14/10/2018	12.36	14/10/2018	13.06	T	Distance Protection,R PH To Earth
Kalwa - Talegaon(PG)	IntraState	14/10/2018	18.58		Continued.	EO	HT at Talegaon S/S Due To Melting of R-Phase Isolator.
Khadka-Aurangabad (Waluj)	IntraState	14/10/2018	19.19		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.
Talandage - Chikodi	InterState	12/10/2018	14.25	14/10/2018	19.35	EO	For CT Replacement at Chikodi end.
Nasik Navsari I	InterState	13/10/2018	09.21	13/10/2018	13.13	HT	For Load Management.
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.
Eklahare (Gcr) - Airoli Know Park	IntraState	12/10/2018	05.37	14/10/2018	21.40	PO	Erection Of Tower.
Ghatghar - Bapgaon	IntraState	12/10/2018	06.10	14/10/2018	21.45	PO	Erection of new online tower at location 329A and 326.
Nerul-Trombay	IntraState	12/10/2018	22.37	13/10/2018	01.08	EO	Attending Hot Spot
Trombay - Kalwa	IntraState	13/10/2018	04.57	13/10/2018	19.26	HT	Safety Purpose For Conductor Replacement On Sonkhar-Trombay Line.
Trombay - Mulund	IntraState	13/10/2018	04.59	13/10/2018	08.46	HT	Safety Purpose For Conductor Replacement On Sonkhar-Trombay Line.
Mahindra Vehicle-Bridgestone	IntraState	13/10/2018	08.15	13/10/2018	17.20	PO	Work Of 3/4 D/C Stringing On M/C Tower.
Chandrapur GCR - Sicom II	IntraState	13/10/2018	09.07	13/10/2018	13.54	PO	Carrying Out Signature Test.
Deepnagar Amalner	IntraState	13/10/2018	10.11	13/10/2018	13.03	PO	Replacement Of insulator String.
Hingoli- Girawali	IntraState	13/10/2018	10.37	13/10/2018	17.30	PO	Fixing Of Nut Bolt.
Nagothane - Posco	IntraState	13/10/2018	11.23	13/10/2018	18.02	PO	Testing Work
Bhambori Amalner	IntraState	13/10/2018	13.10	13/10/2018	15.38	PO	Replacement Of Faulty Disc

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 13/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 14/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Insulator String.
Boisar Versova Line	IntraState	13/10/2018	14.15	13/10/2018	19.38	HT	For Load Management
Kharepatan -Pawas Line	IntraState	13/10/2018	14.33	13/10/2018	15.00	T	Distance Protection;Z1,C PH.1.139 Ka.
Sahara-Urse	IntraState	14/10/2018	09.42	14/10/2018	18.06	PO	Half yearly maintenance work
TALEGAON - TALEGAON ambi (PG) -I	IntraState	14/10/2018	10.24	14/10/2018	16.24	PO	Replacement Of A Palm & Relay testing Work.
Raymond - TKES	IntraState	14/10/2018	10.52	14/10/2018	13.01	PO	Annual Maintenance Work
Jambhul - Pal	IntraState	14/10/2018	15.05	14/10/2018	17.15	T	Tripped at Pal End
Lamboti - Pandharpur li	IntraState	14/10/2018	15.07	14/10/2018	18.20	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	13/10/2018	09.53	13/10/2018	18.30	PO	Replacement Of Rusted Support.
220/132kv 100mva Ict 1 @Peth	IntraState	13/10/2018	10.05	13/10/2018	12.55	PO	Quarterly Maintainance Work
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	13/10/2018	11.01	13/10/2018	11.54	EO	Oil Leakage Problem.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	13/10/2018	22.49	13/10/2018	24.00	T	Tripped Without Indication,RF relay contact short
132 KV LINE Outages/Trippings							
Solapur II(Bale)-Naldurg	IntraState	13/10/2018	10.14	13/10/2018	17.02	T	Distance Protection Zone 3 B PH E/F 52KM At Naldurg/Zone 1BPH 6.7KM At Bale Faulty Declared.

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