

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 18/Sep/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.601	1901.259	1) Gujrat	-1.143	25.489
2) Hydro	11.134	244.378	2) Madhya Pradesh	11.420	281.127
3) Gas	7.193	67.256	3) Chattisgarh	5.150	91.770
Total MSPGCL	134.928	2212.893	4) Maharashtra Net	139.094	2229.738
B) 1) APML	59.139	968.890	5) Goa (Amona)	-0.154	-6.204
2) JSWEL	27.631	351.423	Total	154.367	2621.920
3) VIPL	14.229	258.979	a) Mumbai Schedule	20.818	399.914
4) RPL(AMT)	31.338	532.707	b) Mumbai Drawl	24.287	408.548
5) WPCL	4.970	63.796	c) MSEDCL Bilateral *	66.366	859.824
6) PGPL	0.000	0.000	Include PX	36.750	443.463
7) Other IPP	7.239	121.288	d) Mumbai Bilateral *	20.818	399.914
C) 1) TPCL Thermal	16.470	277.361	Include PX	0.625	26.265
2) TPCL Hydro	5.201	79.410	Include Standby	0.000	0.000
3) TPCL Gas	4.361	78.163	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.459	198.015	1) MSEDCL	429.499	7210.204
D) STATE			2) Mumbai Discoms	61.776	1041.492
1) Thermal	289.076	4673.718	TOTAL STATE	491.275	8251.696
(A1+C1+C4+(B1-B6))					
2) Hydro	16.335	323.788			
(A2+C2)					
3) Gas	11.554	145.419			
(A3+B6+C3)					
4) Wind	14.460	397.550			
6) SOLAR	5.485	89.306			
TOTAL STATE	336.910	5629.781			

* 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 4 Hrs
MSPGCL Thermal	4939	4864	4840	4807
MSPGCL Hydro	482	618	1547	81
MSPGCL Gas	289	300	293	298
MSPGCL Total Generation	5710	5782	6680	5186
Central Sector Receipt	8043	8210	5069	5589
WIND	306	248	1061	586
CPP / IPP Thermal	6044	6038	6084	5700
CPP / IPP Gas	0	0	0	0
SOLAR	771	777	0	0
Exchange with Mumbai	-1351	-1275	-1081	-778
MSEDCL DEMAND MET	19523	19780	17813	16283
Load Shedding	0	0	0	0
MSEDCL DEMAND	19523	19780	17813	16283
TPCL GENERATION	1286	1278	1334	698
R-INFRA GENERATION	500	498	498	375
MUMBAI DEMAND	3137	3051	2913	1851
STATE DEMAND MET	22660	22831	20726	18134
STATE DEMAND	22660	22831	20726	18134
Frequency (Hz)	49.99	49.95	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.73 Hz at 18.42 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 18/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.15	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.20	129.64	354	258
Unit 9	0.00	38.80	0	0
Unit 10	6.18	96.00	329	199
Total	13.39	264.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.54	32.96	370	340
Unit 5	8.44	176.90	360	345
Total	16.98	209.86		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	14.31	0	0
Unit 7	4.42	92.09	210	169
Unit 8	3.87	88.96	212	125
Total	8.29	195.36		
Chandrapur				
Unit 3	3.77	70.14	170	134
Unit 4	4.05	71.02	175	159
Unit 5	10.11	98.98	450	385
Unit 6	0.00	114.65	0	0
Unit 7	10.14	78.74	432	411
Unit 8	9.75	113.16	424	388
Unit 9	9.07	155.58	413	350
Total	46.89	702.26		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.68	84.02	250	217
Total	5.68	143.49		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	4.28	66.84	196	151
Unit 4	3.84	30.86	174	140
Unit 5	9.44	154.19	460	350
Total	17.56	279.26		
Nasik				
Unit 3	3.86	74.29	171	147
Unit 4	3.95	26.02	184	156
Unit 5	0.00	6.13	0	0
Total	7.81	106.44		
Uran				
All Units	7.19	67.26	311	287
Total	7.19	67.26		
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)	0.13	1.61	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	1.61		
Koyna				
Stage 1-2	4.22	63.02	470	40
Stage 4	3.77	101.07	955	0
Stage 3	1.77	37.86	240	0
Total	9.77	201.95		
Hydro				
KDPH	0.67	8.99	36	18
VTRNA	0.00	5.12	0	0
TILLARI	0.00	5.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	5.91	80	0
RNGR+BHTSA	0.29	4.62	17	0
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	6.71	17	5
GHATGHAR	0.00	2.53	0	0
Total	1.37	42.43		
Wind				
Total	14.46	397.55	0	0
Total	14.46	397.55		
CPP				
APML(Mus)	59.14	968.89	0	0
JSWEL(Mus)	27.63	351.42	0	0
VIPL(Mus)	14.23	258.98	0	0
RPLAMT(Mus)	31.34	532.71	0	0
WPCL(Mus)	4.97	63.80	0	0
Other(Mus)	7.24	121.29	0	0
Total	144.55	2297.08		
SOLAR				
Total	5.48	89.31	0	0
Total	5.48	89.31		
Tata				
Trombay 5	10.88	182.47	484	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	49.37	116	109
Trombay 7B	1.61	28.80	68	66
Trombay 8	5.59	94.89	240	201
TATA Hydro	5.20	79.41	442	0
Total	26.03	434.93		
R-INFRA				
DTPS U-1&2	11.46	198.02	501	374
Total	11.46	198.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.60	1901.26	MSPGCL Total	134.93	2212.89
			MSPGCL Thml+Gas	123.79	1968.52	Koyna 1,2 & 4 Total	7.99	164.09
			MSPGCL Hydro	11.13	244.38	State Total	336.91	5629.78

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 18/Sep/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	4830	85	298	5213	697	6025	0	0	5642	5556	-833	16658	0	16658	2224	18882	49.99
2	4808	86	307	5201	710	5867	0	0	5568	5499	-779	16498	0	16498	2039	18537	49.99
3	4826	81	309	5216	633	5729	0	0	5371	5566	-837	16307	0	16307	1917	18224	50.00
4	4807	81	298	5186	586	5700	0	0	5303	5589	-778	16283	0	16283	1851	18134	49.99
5	4867	91	309	5267	603	5774	0	0	5523	5690	-738	16596	0	16596	1833	18429	49.98
6	4882	81	309	5272	596	5994	0	0	6407	6239	-615	17486	0	17486	1948	19434	49.99
7	4778	384	311	5473	594	6114	0	20	7350	7292	-678	18815	0	18815	2074	20889	50.00
8	4733	491	300	5524	460	6095	0	172	7619	7416	-835	18832	0	18832	2234	21066	50.03
9	4758	516	307	5581	445	6071	0	401	7598	7248	-946	18800	0	18800	2544	21344	50.01
10	4897	237	304	5438	405	6059	0	630	7721	7397	-1128	18801	0	18801	2869	21670	50.02
11	4919	114	293	5326	373	6077	0	730	8006	8159	-1314	19351	0	19351	3072	22423	50.00
12	4939	482	289	5710	306	6044	0	771	8263	8043	-1351	19523	0	19523	3137	22660	49.99
13	4864	618	300	5782	248	6038	0	777	8305	8210	-1275	19780	0	19780	3051	22831	49.95
14	4802	870	287	5959	230	6030	0	711	7897	7860	-1225	19565	0	19565	2930	22495	50.01
15	4797	899	297	5993	300	6014	0	431	7921	7871	-1237	19372	0	19372	2965	22337	49.98
16	4729	908	287	5924	443	6029	0	456	7916	7885	-1221	19516	0	19516	2989	22505	49.94
17	4842	588	297	5727	675	6035	0	290	7498	7164	-1235	18656	0	18656	2971	21627	49.95
18	4867	519	290	5676	921	6086	0	94	6324	6048	-1199	17626	0	17626	2911	20537	50.01
19	4878	913	301	6092	967	6131	0	2	5013	4904	-1086	17010	0	17010	2884	19894	49.93
20	4840	1547	293	6680	1061	6084	0	0	4915	5069	-1081	17813	0	17813	2913	20726	50.00
21	4948	462	304	5714	1012	6164	0	0	4840	4966	-1018	16838	0	16838	2790	19628	49.98
22	4985	237	293	5515	864	6124	0	0	4813	4875	-994	16384	0	16384	2649	19033	50.00
23	4999	287	304	5590	727	6142	0	0	4810	4821	-920	16360	0	16360	2542	18902	49.91
24	5006	557	306	5869	604	6120	0	0	4809	5000	-964	16629	0	16629	2441	19070	49.96
MUs	116.60	11.13	7.19	134.93	14.46	144.55	0.00	5.48	155.43	154.37	-24.29	429.50	0.00	429.50	61.78	491.28	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 18/Sep/2018

Position as on 6.30 Hrs of 19/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-3	660	03/09/2018	05.02		Continued.	Capital 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		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 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	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01:12		Continued.	Stator Earth Fault	
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	Koradi Unit 9	660	04/09/2018	12.48		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		Continued.	Inspection of Boiler Tubes by R & M Team.	
MSPGCL	Khaparkheda Unit 2	210	10/09/2018	02.35		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
MSPGCL	Parli Unit 6	250	12/09/2018	06.57		Continued.	Poor Coal receipt	
MSPGCL	Chandrapur Unit 6	500	14/09/2018	23.58		Continued.	Clinker Removed	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 19/Sep/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
Kudus-Padgha (PG) Ckt II	InterState	18/09/2018	11.36	18/09/2018	19.02	PO	CRM of CB
Dhule Sar'Sarovar II	InterState	18/09/2018	16.35	19/09/2018	15.30	T	Distance Protection
Chandrapur II - Dhariwal -I	InterState	19/09/2018	10.09	19/09/2018	16.26	PO	Testing Work
Kudus-Padgha(PG) Ckt I	InterState	19/09/2018	11.41	19/09/2018	16.22	PO	for DCRM,TIMING OF BAY CB AND CT TESTING.
Kudus-Padgha(PG) Ckt I	InterState	19/09/2018	16.34	19/09/2018	18.16	PO	for DCRM,TIMING OF BAY CB AND CT TESTING.
Dhule Sar'Sarovar I	InterState	19/09/2018	17.12		Continued.	T	Over Voltage
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Padghe - Kalwa- I	IntraState	18/09/2018	06.07	18/09/2018	07.49	EO	To attend Hot Spot
Bhusawal-Aurangabad	IntraState	18/09/2018	17.58	19/09/2018	06.14	HT	Over Voltage
Main Bus-2 @Nagothane S/st.	IntraState	19/09/2018	14.19	19/09/2018	17.48	PO	padghe 2 pg isolator overhauling.
Khadka-Aurangabad (Waluj)	IntraState	19/09/2018	18.34		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/09/2018	20.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT 2@koradi 2	IntraState	18/09/2018	09.47		Continued.	HT	Emergency Hand Tripped due to R Phase Buchholz alarm Indication on ICT
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	19/08/2018	18.25		Continued.	HT	Taken In Service To Control Load Of Temghar Ckt At Kalwa 1 S/5 In Lieu Of 220kv Bus Outage At Padgha.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Boisar(M) - Ghodbunder	IntraState	17/09/2018	21.36	18/09/2018	20.43	T	Distance Protection
Kalwa - Talaja	IntraState	18/09/2018	07.53	18/09/2018	11.57	PO	Pressure Switch Problem Of Main CB (Shifted On TBC)
Mahindra Vehicle-Bridgestone	IntraState	18/09/2018	08.40	18/09/2018	18.24	PO	Stringing Work.
Chalisgaon - Deepnagar	IntraState	18/09/2018	09.54	18/09/2018	15.08	PO	Tree Cutting work
220KV Chalisgaon-Kopergaon	IntraState	18/09/2018	10.40	19/09/2018	14.00	PO	Replacement Of R-PH Jumper (shifted to TBC)
Topworth - Kharghar	IntraState	18/09/2018	15.55	18/09/2018	17.18	PO	Routine Maintenance Work
Ghodbunder - Gorai	IntraState	19/09/2018	06.36	19/09/2018	18.21	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	19/09/2018	08.53	19/09/2018	17.29	PO	work of ct replacement.
Khadka-Bhadli-2	IntraState	19/09/2018	09.20	19/09/2018	12.10	PO	isolator alignment.
Karad -Mudshingi Ckt- IV	IntraState	19/09/2018	10.09	19/09/2018	14.45	PO	Quarterly Maintainance Work
PARANDA BARSHI	IntraState	19/09/2018	10.42	19/09/2018	14.20	PO	Quarterly Maintainance 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 18/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 19/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
BHUGAON WARORA CKT-II	IntraState	19/09/2018	12.07	19/09/2018	12.23	T	Distance Protection
Parli(U-VIII) GCR CKT	IntraState	19/09/2018	13.07	19/09/2018	14.35	PO	Attending Oil Leakage
Bableshtar - Bableshtar-I	IntraState	19/09/2018	16.56	19/09/2018	18.45	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132kv 100mva Ict 1 @Peth	IntraState	18/09/2018	10.02	18/09/2018	13.30	PO	Quarterly Maintenance Work & Diagnostic Testing Work.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	18/09/2018	10.18	18/09/2018	13.18	PO	Quarterly Maintenance Work
220/132KV 200MVA ICT II @Kurkumb	IntraState	18/09/2018	12.10	18/09/2018	17.05	PO	Testing Work
220/132kv 100 Mva Ict 2 @Peth	IntraState	18/09/2018	14.08	18/09/2018	16.44	PO	Quarterly Maintenance Work
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	18/09/2018	14.25	18/09/2018	22.21	PO	Trouble shooting of DC Leakage in CB(shifted to TBC)
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	19/09/2018	10.00	19/09/2018	18.01	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Khadka - Malkapur	IntraState	18/09/2018	08.49	18/09/2018	09.07	T	Distance Protection
Motala-Malkapur	IntraState	18/09/2018	08.49	18/09/2018	09.08	T	Distance Protection
Hingoli-li - Hingoli-I Ckt 1	IntraState	18/09/2018	13.58	18/09/2018	14.13	T	Distance Protection
Jalna220- Jalna Midc	IntraState	19/09/2018	19.50	19/09/2018	20.05	T	Distance Protection
Jalna (Old) - Jafrabad	IntraState	19/09/2018	19.50	19/09/2018	20.10	T	due to tripping of 132kv jalna-jalna midc ckt,132kv jalna-khaniyanagar Its operated.
Partur - Jalna (Old)	IntraState	19/09/2018	19.50	19/09/2018	20.08	T	due to tripping of 132kv jalna-jalna midc ckt,132kv jalna-khaniyanagar Its operated.

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