

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.107	1784.658	1) Gujrat	1.187	26.632
2) Hydro	3.708	233.244	2) Madhya Pradesh	13.661	269.707
3) Gas	7.170	60.063	3) Chattisgarh	5.670	86.620
Total MSPGCL	130.985	2077.965	4) Maharashtra Net	146.206	2090.644
B) 1) APML	57.377	909.751	5) Goa (Amona)	-0.198	-6.050
2) JSWEL	26.205	323.792	Total	166.526	2467.553
3) VIPL	12.847	244.750	a) Mumbai Schedule	20.801	379.096
4) RPL(AMT)	31.432	501.369	b) Mumbai Drawl	26.542	384.261
5) WPCL	4.885	58.826	c) MSEDCL Bilateral *	77.497	793.458
6) PGPL	0.000	0.000	Include PX	42.781	406.712
7) Other IPP	7.181	114.049	d) Mumbai Bilateral *	20.801	379.096
C) 1) TPCL Thermal	14.863	260.891	Include PX	0.704	25.640
2) TPCL Hydro	3.958	74.209	Include Standby	0.000	0.000
3) TPCL Gas	4.369	73.802	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.248	186.556	1) MSEDCL	428.014	6780.705
D) STATE			2) Mumbai Discoms	59.982	979.716
1) Thermal	285.145	4384.642	TOTAL STATE	487.996	7760.421
(A1+C1+C4+(B1-B6))					
2) Hydro	7.666	307.453			
(A2+C2)					
3) Gas	11.539	133.865			
(A3+B6+C3)					
4) Wind	12.560	383.090			
6) SOLAR	4.558	83.821			
TOTAL STATE	321.468	5292.871			

* 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	5135	5125	5033	4934
MSPGCL Hydro	118	93	528	62
MSPGCL Gas	299	287	293	299
MSPGCL Total Generation	5552	5505	5854	5295
Central Sector Receipt	8608	8517	5448	5673
WIND	272	315	668	709
CPP / IPP Thermal	5958	5899	6015	5641
CPP / IPP Gas	0	0	0	0
SOLAR	634	551	1	0
Exchange with Mumbai	-1323	-1268	-1014	-732
MSEDCL DEMAND MET	19701	19519	16972	16586
Load Shedding	0	0	0	0
MSEDCL DEMAND	19701	19519	16972	16586
TPCL GENERATION	1280	1276	1279	703
R-INFRA GENERATION	500	499	498	373
MUMBAI DEMAND	3103	3043	2791	1808
STATE DEMAND MET	22804	22562	19763	18394
STATE DEMAND	22804	22562	19763	18394
Frequency (Hz)	50.03	50.02	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 16:04 Hrs	49.78 Hz at 06:12 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 17/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	8.53	122.43	410	300
Unit 9	0.00	38.80	0	0
Unit 10	7.90	89.82	421	280
Total	16.43	251.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.30	24.41	500	345
Unit 5	8.66	168.46	375	350
Total	18.95	192.87		
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	4.48	87.67	198	180
Unit 8	4.33	85.09	190	162
Total	8.81	187.07		
Chandrapur				
Unit 3	3.96	66.37	178	140
Unit 4	3.99	66.97	173	157
Unit 5	9.94	88.87	430	390
Unit 6	0.00	114.65	0	0
Unit 7	9.87	68.60	435	395
Unit 8	10.02	103.41	441	390
Unit 9	8.97	146.52	398	342
Total	46.75	655.38		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.75	78.34	254	225
Total	5.75	137.80		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	3.75	62.56	168	140
Unit 4	3.38	27.03	147	130
Unit 5	8.24	144.75	405	300
Total	15.36	261.71		
Nasik				
Unit 3	3.97	70.43	176	152
Unit 4	4.08	22.07	190	162
Unit 5	0.00	6.13	0	0
Total	8.05	98.63		
Uran				
All Units	7.17	60.06	309	286
Total	7.17	60.06		
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)	0.15	1.48	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	1.48		
Koyna				
Stage 1-2	1.70	58.80	265	40
Stage 4	0.53	97.29	250	0
Stage 3	0.47	36.08	80	0
Total	2.71	192.18		
Hydro				
KDPH	0.43	8.32	18	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.	0.20	5.70	54	0
RNGR+BHTSA	0.22	4.33	14	0
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	6.51	16	3
GHATGHAR	0.00	2.53	0	0
Total	1.00	41.06		
Wind				
Total	12.56	383.09	0	0
Total	12.56	383.09		
CPP				
APML(Mus)	57.38	909.75	0	0
JSWEL(Mus)	26.20	323.79	0	0
VIPL(Mus)	12.85	244.75	0	0
RPLAMT(Mus)	31.43	501.37	0	0
WPCL(Mus)	4.88	58.83	0	0
Other(Mus)	7.18	114.05	0	0
Total	139.93	2152.54		
SOLAR				
Total	4.56	83.82	0	0
Total	4.56	83.82		
Tata				
Trombay 5	9.38	171.59	481	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	46.61	116	114
Trombay 7B	1.61	27.19	68	66
Trombay 8	5.48	89.30	242	207
TATA Hydro	3.96	74.21	409	0
Total	23.19	408.90		
R-INFRA				
DTPS U-1&2	10.25	186.56	500	373
Total	10.25	186.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.11	1784.66	MSPGCL Total	130.98	2077.96
			MSPGCL Thml+Gas	127.28	1844.72	Koyna 1,2 & 4 Total	2.23	156.10
			MSPGCL Hydro	3.71	233.24	State Total	321.47	5292.87

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 17/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	4952	110	306	5368	432	5985	0	0	6127	6073	-791	17067	0	17067	2177	19244	49.95
2	4931	62	298	5291	548	5813	0	0	6070	5924	-791	16785	0	16785	2000	18785	49.93
3	4941	67	308	5316	657	5699	0	0	5783	5687	-785	16574	0	16574	1879	18453	49.96
4	4934	62	299	5295	709	5641	0	0	5789	5673	-732	16586	0	16586	1808	18394	49.96
5	4947	67	309	5323	710	5641	0	0	6016	6077	-721	17030	0	17030	1799	18829	50.01
6	4979	67	309	5355	662	5807	0	0	6904	6504	-786	17542	0	17542	1880	19422	49.97
7	4986	62	298	5346	546	5797	0	20	7717	7771	-859	18621	0	18621	1979	20600	49.88
8	5044	101	308	5453	402	5980	0	124	8107	7868	-835	18992	0	18992	2180	21172	50.01
9	5078	72	306	5456	389	5782	0	271	8155	8362	-1258	19002	0	19002	2486	21488	49.99
10	5091	87	294	5472	287	5667	0	474	8111	8417	-1538	18779	0	18779	2814	21593	49.96
11	5104	143	290	5537	271	5900	0	566	8300	8333	-1568	19039	0	19039	3026	22065	49.99
12	5135	118	299	5552	272	5958	0	634	8637	8608	-1323	19701	0	19701	3103	22804	50.03
13	5125	93	287	5505	315	5899	0	551	8616	8517	-1268	19519	0	19519	3043	22562	50.02
14	5117	91	297	5505	478	5748	0	585	8535	8353	-1413	19256	0	19256	2881	22137	49.99
15	5132	81	286	5499	455	5619	0	489	8377	8619	-1478	19203	0	19203	2885	22088	49.98
16	5192	76	287	5555	490	5590	0	426	8517	8449	-1526	18984	0	18984	2889	21873	49.96
17	5092	81	297	5470	614	5634	0	284	8025	7817	-1508	18311	0	18311	2858	21169	49.97
18	4970	395	289	5654	751	5661	0	117	6528	6616	-1451	17348	0	17348	2803	20151	50.03
19	5029	495	300	5824	757	5798	0	16	5440	5455	-1294	16556	0	16556	2749	19305	49.96
20	5033	528	293	5854	668	6015	0	1	5199	5448	-1014	16972	0	16972	2791	19763	49.99
21	4907	236	303	5446	555	6077	0	0	5196	5324	-935	16467	0	16467	2643	19110	49.96
22	4831	296	295	5422	491	6075	0	0	5131	5352	-866	16474	0	16474	2514	18988	49.99
23	4770	180	306	5256	518	6067	0	0	5168	5543	-909	16475	0	16475	2437	18912	49.97
24	4787	138	306	5231	583	6074	0	0	5159	5736	-893	16731	0	16731	2356	19087	50.00
MUs	120.11	3.71	7.17	130.99	12.56	139.93	0.00	4.56	165.61	166.53	-26.54	428.01	0.00	428.01	59.98	487.99	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 17/Sep/2018

Position as on 6.30 Hrs of 18/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 17/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 18/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
Dhule Sar'Sarovar I	InterState	16/09/2018	17.10	17/09/2018	09.17	HT	Over Voltage
Koradi Satpur	InterState	17/09/2018	09:01	17/09/2018	20:30	HT	Replacement of Wave Trap at Koradi end
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		Continued.	T	Distance Protection
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - II	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bhusawal-Aurangabad	IntraState	16/09/2018	18.33	17/09/2018	06:09	HT	Over Voltage
Deepnagar Taptitanda	IntraState	17/09/2018	11:09	17/09/2018	14:45	PO	PID Testing by Hot Line unit/AR out.
Girwali-Solapur (Lamboti)	IntraState	17/09/2018	18:03	17/09/2018	20:20	PO	EM-Replacement of Pilot string of CT to Aux Bus.
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 105 Mva Y Ph Spare Ict @Chakan	IntraState	17/09/2018	08:55	17/09/2018	19:08	PO	EM-Demo for Tan Delta Measurement.
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
Kharepatan -Pawas Line	IntraState	17/09/2018	06:54	17/09/2018	09:07	PO	To attend Oil Leakage of Y ph CT.
Mahindra Vehicle-Bridgestone	IntraState	17/09/2018	08:21	17/09/2018	18:42	PO	Stringing Work.
Pusad-WardhaPG(Deoli)	IntraState	17/09/2018	10:26	17/09/2018	17:00	HT	OPGW/PID Work,AR out.
Raymond - Washala	IntraState	17/09/2018	10:35	17/09/2018	14:48	PO	Breaker CRM & Timing.
Nanded-Ghatodi	IntraState	17/09/2018	16.08	17/09/2018	17.06	EO	Hot Spot On RPH CC.
Boisar(M) - Ghodbunder	IntraState	17/09/2018	21.36	18/09/2018	20.43	T	Distance Protection
Kalwa - Taloja	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		Continued.	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
220 KV ICT Outages/Trippings							

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 17/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Cgl lct 1 @Raymond (Nasik 2)	IntraState	17/09/2018	12:16	17/09/2018	14:57	PO	EM-Replacement of Pilot String of CT to Aux Bus.
220/132kv 100mva lct 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 lct 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)
132 KV LINE Outages/Trippings							
Motala-Malkapur	IntraState	18/09/2018	08.49	18/09/2018	09.08	T	Distance Protection
Khadka - Malkapur	IntraState	18/09/2018	08.49	18/09/2018	09.07	T	Distance Protection
Hingoli-li - Hingoli-I Ckt 1	IntraState	18/09/2018	13.58	18/09/2018	14.13	T	Distance Protection

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