

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Sep/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.871	1996.149	1) Gujrat	-0.952	24.376
2) Hydro	5.224	311.125	2) Madhya Pradesh	9.072	276.524
3) Gas	9.159	148.314	3) Chattisgarh	6.730	112.310
Total MSPGCL	117.254	2455.588	4) Maharashtra Net	89.419	1807.571
B) 1) APML	46.157	841.622	5) Goa (Amona)	-0.176	-2.200
2) JSWEL	21.946	360.197	Total	104.093	2218.581
3) VIPL	5.496	137.122	a) Mumbai Schedule	20.063	414.216
4) RPL(AMT)	9.951	496.357	b) Mumbai Drawl	32.006	498.665
5) WPCL	2.139	46.908	c) MSEDCL Bilateral *	16.166	328.492
6) PGPL	0.000	0.000	Include PX	0.000	36.266
7) Other IPP	2.524	52.624	d) Mumbai Bilateral *	20.063	413.166
C) 1) TPCL Thermal	13.565	309.970	Include PX	1.301	84.770
2) TPCL Hydro	2.399	86.126	Include Standby	0.000	1.050
3) TPCL Gas	3.054	50.115	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.506	212.220	1) MSEDCL	314.003	6346.218
D) STATE			2) Mumbai Discoms	59.530	1157.094
1) Thermal	213.155	4453.169	TOTAL STATE	373.533	7503.312
(A1+C1+C4+(B1-B6))					
2) Hydro	7.623	397.251			
(A2+C2)					
3) Gas	12.213	198.429			
(A3+B6+C3)					
4) Wind	34.507	199.273			
6) SOLAR	1.942	36.611			
TOTAL STATE	269.440	5284.733			

* 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	4399	4225	4365	4127
MSPGCL Hydro	349	290	334	105
MSPGCL Gas	416	416	396	421
MSPGCL Total Generation	5164	4931	5095	4653
Central Sector Receipt	4834	4696	4540	3370
WIND	1489	1311	1517	1392
CPP / IPP Thermal	3634	3581	4300	3539
CPP / IPP Gas	0	0	0	0
SOLAR	268	224	0	0
Exchange with Mumbai	-1669	-1716	-943	-838
MSEDCL DEMAND MET	13720	13027	14509	12117
Load Shedding	0	0	0	0
MSEDCL DEMAND	13720	13027	14509	12117
TPCL GENERATION	1125	1035	1144	621
R-INFRA GENERATION	374	373	497	377
MUMBAI DEMAND	3168	3124	2584	1836
STATE DEMAND MET	16888	16151	17093	13953
STATE DEMAND	16888	16151	17093	13953
Frequency (Hz)	50.02	50.01	49.99	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.04 Hrs	49.83 Hz at 17.19 Hrs	50	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 19/Sep/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	34.12	0	0
Unit 8	10.92	209.39	462	430
Unit 9	0.00	69.47	0	0
Unit 10	10.99	140.72	550	420
Total	21.91	453.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.51	134.14	350	300
Unit 5	7.53	156.15	350	300
Total	15.04	290.29		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	84.70	202	179
Unit 7	4.31	83.02	187	173
Unit 8	0.00	0.00	0	0
Total	8.74	167.72		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.86	130.95	400	355
Unit 6	0.00	66.75	0	0
Unit 7	8.76	105.41	389	356
Unit 8	10.30	199.94	500	340
Unit 9	10.44	117.06	500	360
Total	38.36	664.67		
Paras				
Unit 3	3.79	77.88	168	141
Unit 4	3.75	77.28	166	144
Total	7.55	155.16		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	3.54	62.39	175	110
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	3.54	130.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.88	78.25	170	149
Unit 5	3.85	55.78	167	150
Total	7.73	134.04		
Uran				
All Units	9.16	148.31	432	139
Total	9.16	148.31		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.91	0	0
Total	0.00	0.91		
Koyna				
Stage 1-2	1.23	85.14	130	40
Stage 4	0.00	145.24	0	0
Stage 3	1.98	53.37	160	0
Total	3.21	283.75		
Hydro				
KDPH	0.00	2.44	0	0
VTRNA	0.39	7.85	61	0
TILLARI	0.13	0.67	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	6.26	80	0
RNGR+BHTSA	0.19	2.62	15	0
BHANDARDRA	0.35	2.49	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	5.04	30	29
GHATGHAR	0.00	0.00	0	0
Total	2.01	27.38		
Wind				
Total	34.51	199.27	0	0
Total	34.51	199.27		
CPP				
APML(Mus)	46.16	841.62	0	0
JSWEL(Mus)	21.95	360.20	0	0
VIPL(Mus)	5.50	137.12	0	0
RPLAMT(Mus)	9.95	496.36	0	0
WPCL(Mus)	2.14	46.91	0	0
Other(Mus)	2.52	52.62	0	0
Total	88.21	1934.83		
SOLAR				
Total	1.94	36.61	0	0
Total	1.94	36.61		
Tata				
Trombay 5	8.65	204.09	485	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	28.76	95	58
Trombay 7B	1.27	21.35	60	46
Trombay 8	4.92	105.88	238	199
TATA Hydro	2.40	86.13	298	0
Total	19.02	446.21		
R-INFRA				
DTPS U-1&2	8.51	212.22	497	147
Total	8.51	212.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.87	1996.15	MSPGCL Total	117.25	2455.59
			MSPGCL Thml+Gas	112.03	2144.46	Koyna 1,2 & 4 Total	1.23	230.38
			MSPGCL Hydro	5.22	311.12	State Total	269.44	5284.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Sep/2017

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	4120	103	420	4643	1344	3514	0	0	4073	4002	-1225	12278	0	12278	2226	14504	49.99
2	4175	85	409	4669	1421	3387	0	0	3791	3910	-1034	12353	0	12353	2033	14386	50.01
3	4152	85	431	4668	1307	3430	0	0	3392	3784	-913	12276	0	12276	1909	14185	49.99
4	4127	105	421	4653	1392	3539	0	0	3352	3370	-838	12117	0	12117	1836	13953	50.04
5	4121	90	419	4630	1293	3582	0	0	3860	3660	-829	12336	0	12336	1825	14161	49.99
6	4210	198	420	4828	1256	3651	0	0	4058	4331	-936	13130	0	13130	1935	15065	49.96
7	4397	240	431	5068	1293	3901	0	8	4538	4516	-1076	13710	0	13710	2076	15786	50.00
8	4415	231	421	5067	1372	3892	0	63	4692	4794	-1294	13894	0	13894	2291	16185	50.02
9	4373	214	419	5006	1510	3819	0	130	4764	4568	-1543	13491	0	13491	2543	16034	50.02
10	4337	242	418	4997	1387	3688	0	215	4697	4743	-1833	13197	0	13197	2985	16182	49.99
11	4359	323	428	5110	1471	3667	0	255	4834	4939	-1741	13702	0	13702	3148	16850	50.03
12	4399	349	416	5164	1489	3634	0	268	4975	4834	-1669	13720	0	13720	3168	16888	50.02
13	4225	290	416	4931	1311	3581	0	224	4944	4696	-1716	13027	0	13027	3124	16151	50.01
14	4400	234	432	5066	1347	3512	0	229	4761	4539	-1634	13059	0	13059	2946	16005	50.06
15	4450	263	414	5127	1487	3374	0	214	4880	4584	-1751	13036	0	13036	2976	16012	50.01
16	4464	252	409	5125	1499	3363	0	187	4864	4537	-1664	13047	0	13047	2883	15930	50.01
17	4436	243	405	5084	1443	3375	0	109	4403	4536	-1549	12998	0	12998	2760	15758	49.98
18	4349	370	397	5116	1563	3520	0	36	4328	4476	-1519	13193	0	13193	2699	15892	49.92
19	4375	354	387	5116	1478	4065	0	4	4632	4603	-1200	14065	0	14065	2600	16665	49.99
20	4365	334	396	5095	1517	4300	0	0	4705	4540	-943	14509	0	14509	2584	17093	49.99
21	4306	146	283	4735	1529	4184	0	0	4411	4419	-1231	13636	0	13636	2427	16063	49.98
22	4248	154	229	4631	1542	4039	0	0	4364	4014	-1347	12878	0	12878	2299	15177	49.97
23	4055	155	199	4409	1594	3720	0	0	4319	3988	-1302	12409	0	12409	2180	14589	49.98
24	4013	164	139	4316	1662	3474	0	0	4161	3712	-1219	11945	0	11945	2077	14022	49.99
MUs	102.87	5.22	9.16	117.25	34.51	88.21	0.00	1.94	105.80	104.09	-32.01	314.00	0.00	314.00	59.53	373.53	50.00

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 19/Sep/2017

Position as on 6.30 Hrs of 20/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Sep/2017

Position as on 6.30 Hrs of 20/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Low furnace pressure	
MSPGCL	Khaparkheda Unit 5	500	01/09/2017	18.29		Continued.	Due to shaft vibration High.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Air heater problem	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	18/09/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit A0	120	19/09/2017	20.17	20/09/2017	04.11	UAT Buchholz Relay operated	
RINFRA-G	REL Unit 2	250	19/09/2017	20.32	19/09/2017	23.59	Generator Elect. Fault	
MSPGCL	Uran Unit 6	108	19/09/2017	22.52	20/09/2017	00.54	Boiler protection Operated	
MSPGCL	Uran Unit 5	108	19/09/2017	22.52		Continued.	Boiler protection Operated	
CPP	SWPGL U-4	135	20/09/2017	00.00		Continued.	ID Fan Vibration High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 20/Sep/2017

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	15/09/2017	19.30		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	18/09/2017	10.42	19/09/2017	09.09	PO	REPLACEMENT OF CONVENTIONAL INSULATOR WITH POLYMER INSULATOR.
Dhule Khandwa II	InterState	19/09/2017	10.03		Continued.	PO	Outage by WRDLC (RFC 20.40Hrs)
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Chandrapur-II - Nanded ckt II	IntraState	17/09/2017	23.00		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	18/09/2017	19.25		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/09/2017	21.43	19/09/2017	09.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	00.39	19/09/2017	09.33	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	19/09/2017	11.18	19/09/2017	12.01	T	Tripped Without Any Indication
Akola II - RPL(Rattanindia) Ckt-II	IntraState	19/09/2017	13.25	19/09/2017	18.01	PO	Line Maintenance work
karad -kolhapur-I	IntraState	19/09/2017	20.43		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	22.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	19/09/2017	09.14	19/09/2017	20.02	PO	Repl.of Faulty cable of OLTC Buchholz Relay
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.
Boisar(MS) - Boisar (PG) - I	InterState	18/09/2017	21.28	19/09/2017	03.52	T	Distance Protection
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Parli New Tps - Beed Ckt 2	IntraState	13/09/2017	16.06	13/09/2017	Continued.	PO	Replacement of Flashover String
Siemens - Mahape	IntraState	19/09/2017	08.36	19/09/2017	23.02	PO	Lilo Arrangement at Reliance GIS Stn.
Gcr Chandrapur - Grace Ltd	IntraState	19/09/2017	10.43	19/09/2017	12.50	PO	CT Tan Delta Test
Nanded-Waghale II	IntraState	19/09/2017	11.54	19/09/2017	16.16	EO	To attend Hot Spot
Pandharpur - Hiwarwada	IntraState	19/09/2017	12.20	19/09/2017	14.50	PO	Bus Bar Relay replacement work
Nanded- Bhokar I	IntraState	19/09/2017	13.48	19/09/2017	15.52	PO	Relay Card replacement work
Pandarpur-Khanapur	IntraState	19/09/2017	15.11	19/09/2017	16.52	PO	Bus Bar Relay replacement work
Trombay MSETCL Tie 1	IntraState	19/09/2017	17.14	19/09/2017	18.41	T	Tripped and DT received
Trombay - Mulund	IntraState	19/09/2017	17.14	19/09/2017	22.08	T	Distance Protection
Trombay - Mulund	IntraState	19/09/2017	22.17		Continued.	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 150 Mva Emco Ict 1 @Ambazari	IntraState	06/09/2017	08.41		Continued.	PO	Augmentation of 200 MVA 220/132KV ICT
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	19/09/2017	12.50	19/09/2017	15.30	PO	Routine 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 19/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 20/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	19/09/2017	15.40	19/09/2017	18.25	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Parbhani-Bageshwari	IntraState	19/09/2017	19.57	19/09/2017	20.40	T	Distance Protection