

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Sep/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.958	2297.991	1) Gujrat	-1.090	17.917
2) Hydro	8.107	332.964	2) Madhya Pradesh	13.509	305.688
3) Gas	6.333	166.532	3) Chattisgarh	6.690	132.340
Total MSPGCL	114.398	2797.487	4) Maharashtra Net	83.055	2063.279
B) 1) APML	51.445	992.732	5) Goa (Amona)	-0.154	-2.508
2) JSWEL	24.548	428.406	Total	102.010	2516.716
3) VIPL	5.898	154.412	a) Mumbai Schedule	23.231	472.890
4) RPL(AMT)	10.392	526.832	b) Mumbai Drawl	35.584	591.618
5) WPCL	2.214	49.122	c) MSEDCL Bilateral *	18.664	379.529
6) PGPL	0.000	0.000	Include PX	0.000	33.100
7) Other IPP	2.586	60.292	d) Mumbai Bilateral *	20.810	469.420
C) 1) TPCL Thermal	13.291	348.908	Include PX	0.734	87.569
2) TPCL Hydro	2.502	92.952	Include Standby	2.420	3.470
3) TPCL Gas	2.058	57.213	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.986	235.303	1) MSEDCL	301.644	7255.826
D) STATE			2) Mumbai Discoms	58.423	1326.000
1) Thermal	215.318	5093.998	TOTAL STATE	360.067	8581.826
(A1+C1+C4+(B1-B6))					
2) Hydro	10.609	425.916			
(A2+C2)					
3) Gas	8.391	223.745			
(A3+B6+C3)					
4) Wind	21.733	280.020			
6) SOLAR	2.004	41.425			
TOTAL STATE	258.055	6065.104			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4070	4282	4448	4057
MSPGCL Hydro	465	315	947	150
MSPGCL Gas	260	259	274	242
MSPGCL Total Generation	4795	4856	5669	4449
Central Sector Receipt	4912	4486	4740	3259
WIND	849	876	783	1137
CPP / IPP Thermal	3790	4189	4891	3465
CPP / IPP Gas	0	0	0	0
SOLAR	292	32	0	0
Exchange with Mumbai	-2051	-1769	-1579	-890
MSEDCL DEMAND MET	12587	12670	14504	11420
Load Shedding	0	0	0	0
MSEDCL DEMAND	12587	12670	14504	11420
TPCL GENERATION	750	840	1016	604
R-INFRA GENERATION	196	196	249	196
MUMBAI DEMAND	2997	2805	2844	1690
STATE DEMAND MET	15584	15475	17348	13110
STATE DEMAND	15584	15475	17348	13110
Frequency (Hz)	49.97	49.90	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 19.00 Hrs	49.81 Hz at 06.26 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 22/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	9.56	240.37	452	378
Unit 9	0.00	69.47	0	0
Unit 10	10.75	173.54	460	420
Total	20.31	517.50		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.66	156.78	350	300
Unit 5	7.66	178.95	350	300
Total	15.32	335.73		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.47	97.96	194	180
Unit 7	4.33	96.00	187	169
Unit 8	0.00	0.00	0	0
Total	8.79	193.96		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.92	157.99	390	355
Unit 6	0.00	66.75	0	0
Unit 7	8.95	132.31	401	350
Unit 8	9.68	228.36	500	360
Unit 9	9.67	145.54	505	351
Total	37.22	775.51		
Paras				
Unit 3	4.01	89.55	172	161
Unit 4	3.89	88.36	168	156
Total	7.90	177.91		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	2.70	71.68	145	0
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	2.70	139.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.84	89.96	170	152
Unit 5	3.88	67.54	170	158
Total	7.72	157.50		
Uran				
All Units	6.33	166.53	278	242
Total	6.33	166.53		
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	2.25	90.41	405	40
Stage 4	1.21	146.45	427	0
Stage 3	1.36	57.26	240	0
Total	4.82	294.13		
Hydro				
KDPH	0.83	4.62	35	34
VTRNA	0.32	9.70	61	0
TILLARI	0.12	1.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	7.39	80	0
RNGR+BHTSA	0.69	5.58	29	28
BHANDARDRA	0.34	3.53	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	6.88	27	26
GHATGHAR	0.00	0.00	0	0
Total	3.29	38.84		
Wind				
Total	21.73	280.02	0	0
Total	21.73	280.02		
CPP				
APML(Mus)	51.44	992.73	0	0
JSWEL(Mus)	24.55	428.41	0	0
VIPL(Mus)	5.90	154.41	0	0
RPLAMT(Mus)	10.39	526.83	0	0
WPCL(Mus)	2.21	49.12	0	0
Other(Mus)	2.59	60.29	0	0
Total	97.08	2211.80		
SOLAR				
Total	2.00	41.42	0	0
Total	2.00	41.42		
Tata				
Trombay 5	8.31	228.40	474	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.12	32.69	47	46
Trombay 7B	0.94	24.52	40	38
Trombay 8	4.98	120.51	237	199
TATA Hydro	2.50	92.95	336	0
Total	17.85	499.07		
R-INFRA				
DTPS U-1&2	4.99	235.30	249	194
Total	4.99	235.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.96	2297.99	MSPGCL Total	114.40	2797.49
			MSPGCL Thml+Gas	106.29	2464.52	Koyna 1,2 & 4 Total	3.46	236.86
			MSPGCL Hydro	8.11	332.96	State Total	258.06	6065.10

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Sep/2017

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	4070	181	251	4502	1185	3494	0	0	3875	3596	-1127	11650	0	11650	1939	13589	49.97
2	4050	146	252	4448	1127	3463	0	0	3344	3460	-990	11508	0	11508	1790	13298	49.96
3	4057	150	242	4449	1137	3465	0	0	3286	3259	-890	11420	0	11420	1690	13110	49.99
4	4042	150	257	4449	1097	3492	0	0	3295	3336	-848	11526	0	11526	1640	13166	50.00
5	4068	150	275	4493	1091	3519	0	0	3662	3247	-845	11505	0	11505	1634	13139	49.96
6	4101	155	267	4523	1211	3537	0	0	4354	4032	-930	12373	0	12373	1718	14091	49.94
7	4194	204	266	4664	1202	3715	0	5	4651	4558	-1135	13009	0	13009	1931	14940	49.92
8	4160	206	277	4643	1229	4103	0	52	4809	4391	-1280	13138	0	13138	2081	15219	50.02
9	4031	234	263	4528	1150	3933	0	155	4823	4687	-1633	12820	0	12820	2490	15310	50.03
10	4018	414	260	4692	1141	3679	0	222	4622	4853	-1788	12799	0	12799	2688	15487	49.91
11	4038	589	270	4897	984	3626	0	241	4493	4787	-2042	12493	0	12493	2957	15450	49.99
12	4070	465	260	4795	849	3790	0	292	4879	4912	-2051	12587	0	12587	2997	15584	49.97
13	4092	297	258	4647	699	3827	0	251	4735	4920	-2044	12300	0	12300	2971	15271	49.97
14	3959	426	256	4641	600	3871	0	247	4403	4767	-1910	12216	0	12216	2834	15050	49.98
15	3999	308	268	4575	669	4041	0	240	4514	4743	-1948	12320	0	12320	2897	15217	50.00
16	3932	238	257	4427	673	4094	0	179	4615	4819	-1960	12232	0	12232	2909	15141	49.99
17	4068	362	261	4691	760	4090	0	87	4506	4691	-1905	12414	0	12414	2887	15301	49.98
18	4282	315	259	4856	876	4189	0	32	4470	4486	-1769	12670	0	12670	2805	15475	49.90
19	4281	669	272	5222	910	4738	0	1	4307	4421	-1566	13726	0	13726	2806	16532	49.94
20	4448	947	274	5669	783	4891	0	0	4429	4740	-1579	14504	0	14504	2844	17348	49.99
21	4500	572	266	5338	776	4925	0	0	4129	4183	-1387	13835	0	13835	2678	16513	50.00
22	4491	471	277	5239	621	4927	0	0	4024	3994	-1334	13447	0	13447	2563	16010	50.03
23	4522	296	267	5085	517	4929	0	0	3949	3640	-1253	12918	0	12918	2375	15293	50.00
24	4485	162	278	4925	446	4742	0	0	4028	3488	-1370	12231	0	12231	2297	14528	50.01
MUs	99.96	8.11	6.33	114.40	21.73	97.08	0.00	2.00	102.20	102.01	-35.58	301.64	0.00	301.64	58.42	360.06	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 22/Sep/2017

Position as on 6.30 Hrs of 23/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
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 22/Sep/2017

Position as on 6.30 Hrs of 23/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.	Coal Shortage From 29.08.2017.	
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.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Coal Shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur 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 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	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Koyna STG- IV Unit - 1	250	22/09/2017	04.14		Continued.	Sensor Mal Function	
MSPGCL	Khaparkheda Unit 2	210	22/09/2017	13.06	22/09/2017	16.47	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 23/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 II	InterState	21/09/2017	16.03		Continued.	HT	Over Voltage
Karad Solapur (PG)	InterState	22/09/2017	11.00		Continued.	PO	Replacement Of Earth Wire,RFC 17.05HRS cODE 1885fOR Over Voltage
Dhule Khandwa I	InterState	22/09/2017	13.45		Continued.	T	Outage By Wrldc(Code2149 For Converting For Over Voltage)RFC(20.32)
Ektuni-Bableshtar 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-I	IntraState	19/09/2017	20.43		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/09/2017	22.58		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	20/09/2017	20.20	22/09/2017	15.25	T	Distance Protection
New Koyna - Koyna Stage IV-II	IntraState	22/09/2017	04.14	22/09/2017	06.58	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	22/09/2017	11.02	22/09/2017	19.34	PO	To attend Hot Spot
Nagothane - Dabhol-II	IntraState	22/09/2017	11.51	22/09/2017	17.04	PO	To attend Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	22/09/2017	10.52	22/09/2017	18.40	PO	OLTC Buchloz Cable Changing Work
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	22/09/2017	18.14	22/09/2017	22.31	PO	To Attend Oil Leakage Of Tertiary PT
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.
Mahalakshmi Amona	InterState	22/09/2017	02.42		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	23/09/2017	04.25		Continued.	T	Over Voltage
Tillari Amona	InterState	23/09/2017	04.25		Continued.	T	Over Voltage
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
Eklahara(Ocr)-Raymond (Padagha-I)	IntraState	22/09/2017	04.07		Continued.	T	Distance Protection
Nasik - Raymond	IntraState	22/09/2017	04.07	22/09/2017	19.12	T	Distance Protection
220KV Chalisagaon-Kopergaon	IntraState	22/09/2017	08.25	22/09/2017	11.16	PO	Line Maintenance work
Pusad - Hingoli	IntraState	22/09/2017	09.13	22/09/2017	12.48	EO	To Attend B-H CT Oil Leakage
Pedhambe - Oni	IntraState	22/09/2017	09.23	22/09/2017	10.45	EO	To Attend CB Air Pressure Low Work
Wpcl-Warora 1	IntraState	22/09/2017	10.05	22/09/2017	18.40	PO	Tan Delta Measurment of CTs
Wardha - Wardha Rly Tss 2	IntraState	22/09/2017	10.08	22/09/2017	13.50	PO	Tan Delta Measurment of CTs
Apta - Talaja	IntraState	22/09/2017	11.05	22/09/2017	16.08	PO	Line Maintenance work
Aurangabad (Waluj)-Bhenda	IntraState	22/09/2017	11.57	22/09/2017	16.02	PO	Maintenance Work
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
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 22/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 23/Sep/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 KV ICT III @ Nasik OCR	IntraState	21/09/2017	04.27		Continued.	T	Radiator Oil Leakage
132 KV LINE Outages/Trippings							
Parvati-Gis Rastapeth	IntraState	21/09/2017	14.39		Continued.	T	Distance Protection
Himayatnagar - Tamsa	IntraState	22/09/2017	13.25	22/09/2017	13.30	T	Distance Protection
Partur - Jalna (Old)	IntraState	22/09/2017	22.30	22/09/2017	22.50	T	Distance Protection

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