

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Sep/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	100.888	3135.737	1) Gujrat	-2.066	23.757
2) Hydro	9.082	409.192	2) Madhya Pradesh	11.325	416.341
3) Gas	9.807	222.534	3) Chattisgarh	6.160	183.080
Total MSPGCL	119.777	3767.463	4) Maharashtra Net	104.355	2867.389
B) 1) APML	38.981	1461.211	5) Goa (Amona)	-0.220	-3.190
2) JSWEL	27.299	642.900	Total	119.554	3487.377
3) VIPL	7.359	213.345	a) Mumbai Schedule	25.204	698.478
4) RPL(AMT)	18.571	657.186	b) Mumbai Drawl	30.247	839.920
5) WPCL	2.522	72.849	c) MSEDCL Bilateral *	19.459	543.007
6) PGPL	0.000	0.000	Include PX	0.000	43.501
7) Other IPP	3.438	84.786	d) Mumbai Bilateral *	25.204	694.327
C) 1) TPCL Thermal	15.596	478.672	Include PX	3.200	136.040
2) TPCL Hydro	0.559	127.031	Include Standby	0.000	4.150
3) TPCL Gas	3.468	81.451	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.511	280.586	1) MSEDCL	315.752	9939.712
D) STATE			2) Mumbai Discoms	55.380	1807.666
1) Thermal	220.165	7027.272	TOTAL STATE	371.132	11747.378
(A1+C1+C4+(B1-B6))					
2) Hydro	9.641	536.223			
(A2+C2)					
3) Gas	13.275	303.985			
(A3+B6+C3)					
4) Wind	6.205	332.307			
6) SOLAR	2.293	60.208			
TOTAL STATE	251.579	8259.995			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4371	4134	4493	4396
MSPGCL Hydro	681	538	113	93
MSPGCL Gas	401	384	412	394
MSPGCL Total Generation	5453	5056	5018	4883
Central Sector Receipt	5205	5473	4807	4628
WIND	110	120	372	207
CPP / IPP Thermal	4080	4163	4115	3813
CPP / IPP Gas	0	0	0	0
SOLAR	322	318	0	0
Exchange with Mumbai	-1514	-1352	-1318	-1512
MSEDCL DEMAND MET	13656	13777	12994	12019
Load Shedding	0	0	0	0
MSEDCL DEMAND	13656	13777	12994	12019
TPCL GENERATION	752	867	1051	655
R-INFRA GENERATION	234	249	234	192
MUMBAI DEMAND	2500	2468	2603	2359
STATE DEMAND MET	16156	16245	15597	14378
STATE DEMAND	16156	16245	15597	14378
Frequency (Hz)	49.96	49.98	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.01 Hrs	49.84 Hz at 04.22 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 30/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	0.50	315.81	221	0
Unit 9	0.00	69.47	0	0
Unit 10	8.00	250.28	510	0
Total	8.50	669.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.20	218.96	430	300
Unit 5	9.24	242.56	435	305
Total	18.44	461.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.15	133.61	244	180
Unit 7	0.00	120.17	0	0
Unit 8	4.22	11.16	235	160
Total	9.38	264.95		
Chandrapur				
Unit 3	0.00	44.56	0	0
Unit 4	1.25	1.25	135	0
Unit 5	9.36	224.66	415	358
Unit 6	0.00	66.75	0	0
Unit 7	9.59	205.67	410	366
Unit 8	9.17	303.07	480	330
Unit 9	9.10	219.57	473	330
Total	38.47	1065.52		
Paras				
Unit 3	3.98	121.06	175	157
Unit 4	3.97	119.20	181	150
Total	7.95	240.25		
Khaparkheda				
Unit 1	0.00	24.14	0	0
Unit 2	0.00	79.84	0	0
Unit 3	0.00	36.38	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.05	73.39	460	354
Total	10.05	213.75		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	121.23	196	154
Unit 5	4.07	98.83	197	156
Total	8.11	220.06		
Uran				
All Units	9.81	222.53	437	384
Total	9.81	222.53		
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	1.11	0	0
Total	0.00	1.11		
Koyna				
Stage 1-2	3.16	114.26	415	40
Stage 4	2.16	171.55	414	0
Stage 3	1.87	69.82	194	0
Total	7.19	355.63		
Hydro				
KDPH	0.74	9.18	31	30
VTRNA	0.38	11.28	61	0
TILLARI	0.00	1.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	9.84	80	0
RNGR+BHTSA	0.28	7.41	14	0
BHANDARDRA	0.00	4.54	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	9.69	14	13
GHATGHAR	0.00	0.00	0	0
Total	1.89	53.56		
Wind				
Total	6.20	332.31	0	0
Total	6.20	332.31		
CPP				
APML(Mus)	38.98	1461.21	0	0
JSWEL(Mus)	27.30	642.90	0	0
VIPL(Mus)	7.36	213.34	0	0
RPLAMT(Mus)	18.57	657.19	0	0
WPCL(Mus)	2.52	72.85	0	0
Other(Mus)	3.44	84.79	0	0
Total	98.17	3132.28		
SOLAR				
Total	2.29	60.21	0	0
Total	2.29	60.21		
Tata				
Trombay 5	10.20	313.81	484	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.08	46.88	111	62
Trombay 7B	1.39	34.57	65	49
Trombay 8	5.39	164.86	247	198
TATA Hydro	0.56	127.03	226	0
Total	19.62	687.15		
R-INFRA				
DTPS U-1&2	5.51	280.59	250	192
Total	5.51	280.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	100.89	3135.74	MSPGCL Total	119.78	3767.46
			MSPGCL Thml+Gas	110.70	3358.27	Koyna 1,2 & 4 Total	5.32	285.82
			MSPGCL Hydro	9.08	409.19	State Total	251.58	8260.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	3782	364	417	4563	421	4258	0	0	4965	5114	-1209	13147	0	13147	2326	15473	49.94
2	3726	339	418	4483	547	4263	0	0	4831	4916	-1088	13121	0	13121	2181	15302	49.99
3	3742	454	427	4623	533	4252	0	0	4620	4742	-922	13228	0	13228	2010	15238	49.94
4	3818	464	417	4699	423	4257	0	0	4445	4640	-860	13159	0	13159	1946	15105	49.98
5	3901	389	417	4707	444	4252	0	0	4699	4581	-822	13161	0	13161	1909	15070	49.95
6	4006	649	437	5092	416	4248	0	0	4788	4864	-877	13742	0	13742	1965	15707	49.97
7	4063	1048	417	5528	348	4188	0	6	5145	5247	-885	14432	0	14432	1977	16409	49.98
8	4299	657	417	5373	291	4204	0	55	5152	5236	-932	14228	0	14228	2030	16258	50.03
9	4447	251	424	5122	236	4269	0	156	5105	4566	-1122	13227	0	13227	2175	15402	50.01
10	4278	245	405	4928	197	3948	0	235	5099	4973	-1357	12924	0	12924	2255	15179	49.97
11	4334	575	404	5313	149	3778	0	295	5068	5237	-1580	13192	0	13192	2436	15628	50.00
12	4371	681	401	5453	110	4080	0	322	5115	5205	-1514	13656	0	13656	2500	16156	49.96
13	4327	464	395	5186	79	4160	0	345	5192	5108	-1415	13464	0	13464	2520	15984	49.96
14	4134	538	384	5056	120	4163	0	318	5198	5473	-1352	13777	0	13777	2468	16245	49.98
15	3867	594	396	4857	112	4163	0	257	5331	5594	-1363	13620	0	13620	2492	16112	50.01
16	4280	369	397	5046	122	4164	0	179	5434	5489	-1346	13654	0	13654	2484	16138	50.01
17	4376	117	397	4890	169	4118	0	76	4998	4975	-1388	12840	0	12840	2447	15287	50.02
18	4359	104	400	4863	140	3823	0	49	4743	4967	-1446	12396	0	12396	2358	14754	50.04
19	4510	104	402	5016	175	4105	0	0	4980	4759	-1329	12725	0	12725	2412	15137	50.02
20	4493	113	412	5018	372	4115	0	0	5081	4807	-1318	12994	0	12994	2603	15597	50.03
21	4472	144	428	5044	232	3895	0	0	4684	4980	-1539	12611	0	12611	2548	15159	49.98
22	4468	173	403	5044	195	3837	0	0	4544	4768	-1532	12312	0	12312	2530	14842	50.02
23	4439	153	398	4990	167	3817	0	0	4682	4685	-1539	12121	0	12121	2450	14571	49.94
24	4396	93	394	4883	207	3813	0	0	4737	4628	-1512	12019	0	12019	2359	14378	49.99
MUs	100.89	9.08	9.81	119.78	6.21	98.17	0.00	2.29	118.64	119.55	-30.25	315.75	0.00	315.75	55.38	371.13	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 30/Sep/2017

Position as on 6.30 Hrs of 01/Oct/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.	
MSPGCL	Khaparkhedha 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	30/09/2017	01.28	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	01/10/2017	01.54	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK(Coal Shortage From 11-09-2017)	
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	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Sep/2017

Position as on 6.30 Hrs of 01/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	28/09/2017	21.12		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	29/09/2017	22.32	30/09/2017	20.40	Turbine tripped.	
MSPGCL	Chandrapur Unit 4	210	30/09/2017	03.56	30/09/2017	05.52	Vaccum protection operated.	
MSPGCL	Koradi Unit 10	660	30/09/2017	13.32	30/09/2017	15.12	water superheater drain tank level malfunction.	
MSPGCL	Chandrapur Unit 4	210	30/09/2017	18.33	01/10/2017	00.49	malfunction of dcs board.	
MSPGCL	Chandrapur Unit 4	210	01/10/2017	09.51		Continued.	DCS malfunction.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 01/Oct/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	29/09/2017	12.38	01/10/2017	14.50	EO	R phase Insulator Disc Sparking
Kolhapur Solapur (PG) II	InterState	30/09/2017	08.45	01/10/2017	14.49	HT	Over Voltage
Padgha Tarapur I	InterState	01/10/2017	01.11	01/10/2017	10.02	T	Over Voltage
Dhule Sar'Sarovar I	InterState	01/10/2017	18.08		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	28/09/2017	21.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2017	18.07		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	30/09/2017	18.01		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	30/09/2017	21.01	01/10/2017	09.11	HT	Over Voltage
Padghe - Kalwa-II	IntraState	01/10/2017	11.57	01/10/2017	18.08	PO	Tower crossing work.
Jaigad-New Koyna Ckt-I	IntraState	01/10/2017	19.20	01/10/2017	19.42	T	Distance Protection
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	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
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Amalner - Bambhori	IntraState	29/09/2017	13.20	30/09/2017	15.06	T	Distance Protection
Nashik-Padgha	IntraState	29/09/2017	16.00	30/09/2017	12.29	T	Distance Protection
Trombay - Mulund	IntraState	29/09/2017	16.49	30/09/2017	14.52	EO	for checking bph current zero.
Sonkhar - Trombay	IntraState	30/09/2017	10.54	30/09/2017	18.49	T	Distance Protection
Pirangut - Hinjawadi 2	IntraState	30/09/2017	15.23	30/09/2017	17.50	PO	Line Maintenance work
Chandrapur GCR - Sicom II	IntraState	01/10/2017	13.08	01/10/2017	19.17	T	LBB operated
SICOM - SAIL	IntraState	01/10/2017	13.08	01/10/2017	15.07	T	LBB operated
Chandrapur GCR - Sicom I	IntraState	01/10/2017	13.08	01/10/2017	14.15	T	LBB operated
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	30/09/2017	15.10	30/09/2017	18.37	PO	oil top up in conservator tank.
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	30/09/2017	05.58	30/09/2017	06.08	T	Distance Protection

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