

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Sep/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.891	506.137	1) Gujrat	2.753	13.201
2) Hydro	15.156	66.298	2) Madhya Pradesh	18.447	94.475
3) Gas	6.536	23.461	3) Chattisgarh	5.370	29.500
Total MSPGCL	129.583	595.896	4) Maharashtra Net	105.019	503.396
B) 1) APML	43.771	221.160	5) Goa (Amona)	-0.154	-0.176
2) JSWEL	16.204	82.759	Total	131.435	640.396
3) VIPL	7.477	37.394	a) Mumbai Schedule	19.425	97.592
4) RPL(AMT)	26.041	112.519	b) Mumbai Drawl	22.666	114.855
5) WPCL	1.951	12.807	c) MSEDCL Bilateral *	18.998	117.465
6) PGPL	0.000	0.000	Include PX	8.189	21.819
7) Other IPP	3.633	17.694	d) Mumbai Bilateral *	19.425	97.592
C) 1) TPCL Thermal	17.237	79.197	Include PX	3.691	21.428
2) TPCL Hydro	3.705	25.633	Include Standby	0.000	0.000
3) TPCL Gas	1.978	9.883	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.989	55.037	1) MSEDCL	348.318	1684.457
D) STATE			2) Mumbai Discoms	57.575	284.603
1) Thermal	236.194	1124.704	TOTAL STATE	405.893	1969.060
(A1+C1+C4+(B1-B6))					
2) Hydro	18.861	91.931			
(A2+C2)					
3) Gas	8.514	33.344			
(A3+B6+C3)					
4) Wind	8.717	68.034			
6) SOLAR	2.172	10.653			
TOTAL STATE	274.458	1328.666			

* 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	4470	4500	4681	4307
MSPGCL Hydro	1212	1212	756	181
MSPGCL Gas	272	253	256	280
MSPGCL Total Generation	5954	5965	5693	4768
Central Sector Receipt	6253	6475	4651	4629
WIND	240	270	319	333
CPP / IPP Thermal	4054	4056	4265	4135
CPP / IPP Gas	0	0	0	0
SOLAR	256	286	0	0
Exchange with Mumbai	-1384	-1452	-644	-606
MSEDCL DEMAND MET	15373	15600	14284	13259
Load Shedding	0	0	0	0
MSEDCL DEMAND	15373	15600	14284	13259
TPCL GENERATION	1096	990	1268	780
R-INFRA GENERATION	500	500	501	499
MUMBAI DEMAND	2980	2942	2413	1885
STATE DEMAND MET	18353	18542	16698	15144
STATE DEMAND	18353	18542	16698	15144
Frequency (Hz)	49.92	49.88	49.95	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.74 Hz at 12.46 Hrs	49.95	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 05/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	3.52	12.33	155	127
Unit 8	12.70	62.37	550	467
Unit 9	12.02	58.37	541	441
Unit 10	0.41	0.41	136	0
Total	28.66	133.47		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.90	26.38	470	300
Unit 5	8.23	46.78	400	305
Total	18.13	73.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.60	23.12	197	187
Unit 7	4.50	21.19	194	180
Unit 8	0.00	0.00	0	0
Total	9.10	44.31		
Chandrapur				
Unit 3	4.71	23.66	202	136
Unit 4	0.00	0.00	0	0
Unit 5	4.95	11.11	380	100
Unit 6	8.06	40.36	356	300
Unit 7	0.00	0.00	0	0
Unit 8	11.48	56.14	500	465
Unit 9	0.00	0.00	0	0
Total	29.20	131.27		
Paras				
Unit 3	3.81	21.37	163	139
Unit 4	3.83	21.37	166	152
Total	7.64	42.73		
Khaparkheda				
Unit 1	3.05	16.63	155	80
Unit 2	3.73	17.44	165	140
Unit 3	3.80	18.38	160	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	7.68	0	0
Total	10.58	60.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.59	21.05	202	171
Unit 5	0.00	0.00	0	0
Total	4.59	21.05		
Uran				
All Units	6.54	23.46	281	251
Total	6.54	23.46		
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)	0.04	0.23	38	0
Total	0.04	0.23		
Koyna				
Stage 1-2	3.77	18.87	395	40
Stage 4	7.01	25.74	617	0
Stage 3	2.73	10.97	160	0
Total	13.51	55.58		
Hydro				
KDPH	0.88	0.98	37	25
VTRNA	0.14	3.80	61	0
TILLARI	0.00	0.29	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.63	80	0
RNGR+BHTSA	0.16	1.32	17	0
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	1.41	8	7
GHATGHAR	0.00	0.00	0	0
Total	1.64	10.72		
Wind				
Total	8.72	68.03	0	0
Total	8.72	68.03		
CPP				
APML(Mus)	43.77	221.16	0	0
JSWEL(Mus)	16.20	82.76	0	0
VIPL(Mus)	7.48	37.39	0	0
RPLAMT(Mus)	26.04	112.52	0	0
WPCL(Mus)	1.95	12.81	0	0
Other(Mus)	3.63	17.69	0	0
Total	99.08	484.33		
SOLAR				
Total	2.17	10.65	0	0
Total	2.17	10.65		
Tata				
Trombay 5	11.36	51.63	481	449
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.08	5.38	45	44
Trombay 7B	0.90	4.50	38	37
Trombay 8	5.88	27.56	248	242
TATA Hydro	3.70	25.63	459	1
Total	22.92	114.71		
R-INFRA				
DTPS U-1&2	11.99	55.04	502	497
Total	11.99	55.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.89	506.14	MSPGCL Total	129.58	595.90
			MSPGCL Thml+Gas	114.43	529.60	Koyna 1,2 & 4 Total	10.78	44.61
			MSPGCL Hydro	15.16	66.30	State Total	274.46	1328.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4346	934	279	5559	261	4126	0	0	4674	4799	-926	13820	0	13820	2262	16082	49.98
2	4237	698	270	5205	282	4155	0	0	4772	4746	-830	13558	0	13558	2122	15680	49.97
3	4261	249	269	4779	321	4153	0	0	4795	4936	-653	13535	0	13535	1954	15489	49.89
4	4307	181	280	4768	333	4135	0	0	4688	4629	-606	13259	0	13259	1885	15144	49.93
5	4331	185	281	4797	417	4140	0	0	4950	4877	-576	13655	0	13655	1857	15512	49.92
6	4382	270	281	4933	452	4140	0	0	5339	5446	-634	14338	0	14338	1919	16257	49.94
7	4416	865	280	5561	439	4134	0	7	5811	5875	-691	15325	0	15325	1987	17312	49.94
8	4421	956	271	5648	418	4112	0	62	6137	6414	-837	15817	0	15817	2163	17980	49.98
9	4394	1016	279	5689	504	4092	0	154	6360	6516	-1010	15946	0	15946	2373	18319	49.93
10	4443	992	267	5702	461	4094	0	215	6144	6129	-1284	15318	0	15318	2775	18093	49.93
11	4457	966	275	5698	380	4080	0	280	6044	6059	-1423	15074	0	15074	2977	18051	49.95
12	4470	1212	272	5954	240	4054	0	256	6206	6253	-1384	15373	0	15373	2980	18353	49.92
13	4500	1212	253	5965	270	4056	0	286	6573	6475	-1452	15600	0	15600	2942	18542	49.88
14	4510	658	273	5441	322	4050	0	255	6582	6668	-1343	15392	0	15392	2809	18201	49.94
15	4482	877	271	5630	398	4030	0	253	6338	6364	-1268	15407	0	15407	2762	18169	49.95
16	4489	841	251	5581	430	4030	0	213	6342	6038	-1272	15020	0	15020	2687	17707	49.96
17	4549	504	272	5325	468	4038	0	137	5842	5816	-1162	14622	0	14622	2545	17167	49.98
18	4573	232	274	5079	393	4053	0	52	5263	5399	-1060	13916	0	13916	2451	16367	50.01
19	4655	311	275	5241	380	4118	0	2	5096	4792	-846	13688	0	13688	2345	16033	50.02
20	4681	756	256	5693	319	4265	0	0	4778	4651	-644	14284	0	14284	2413	16698	49.95
21	4766	500	276	5542	352	4248	0	0	4524	4704	-599	14247	0	14247	2367	16614	49.93
22	4788	436	277	5501	324	4265	0	0	4482	4351	-589	13853	0	13853	2355	16208	49.93
23	4786	170	279	5235	282	4269	0	0	4449	4700	-610	13876	0	13876	2345	16221	49.96
24	4647	135	275	5057	271	4237	0	0	4665	4796	-967	13394	0	13394	2300	15694	49.99
MUs	107.89	15.16	6.54	129.58	8.72	99.08	0.00	2.17	130.85	131.43	-22.67	348.32	0.00	348.32	57.57	405.89	49.95

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 05/Sep/2017

Position as on 6.30 Hrs of 06/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	JSW (J) U2	300	31/05/2017	23.58		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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Sep/2017

Position as on 6.30 Hrs of 06/Sep/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00	06/09/2017	04.47	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02	06/09/2017	03.23	Zero Schedule Given By MSEDCL(Converted for BTL from 17.00Hrs Dt. 02-09-2017)	
MSPGCL	Chandrapur Unit 7	500	26/08/2017	00.23		Continued.	Stem line leakage	
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.	Low furnace pressure	
MSPGCL	Koradi Unit 10	660	30/08/2017	12.51	05/09/2017	19.58	poor coal receipt.	
MSPGCL	Uran Unit 5	108	01/09/2017	09.16		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	01/09/2017	18.29		Continued.	Due to shaft vibration High.	
MSPGCL	Chandrapur Unit 3	210	05/09/2017	23.40		Continued.	BFP problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2017

Statement-VII

Position as on 6.30 Hrs of 06/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	04/09/2017	19.22	05/09/2017	07.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/09/2017	09.15		Continued.	PO	Line Maint.work(RFC 14.32Hrs)
Ektuni-Bableshwar ckt II	IntraState	26/08/2017	20.35		Continued.	HT	To control load on PDG-BBLR.
karad -kolhapur-I	IntraState	04/09/2017	17.02	05/09/2017	09.26	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/09/2017	17.04	05/09/2017	09.34	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	05/09/2017	08.24	05/09/2017	12.58	PO	Connecting PG Clamp and bypass Jumper to B Bus(Taken on TBC)
N.Koyna-Karad -Ckt II	IntraState	05/09/2017	09.47		Continued.	PO	Line Maint.work (RFC 18.38Hrs)
Karad-Jaigad - I	IntraState	05/09/2017	16.40		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/09/2017	16.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/09/2017	16.56		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
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 Tarapur	InterState	05/09/2017	11.25	05/09/2017	20.12	EO	To attend Hot Spot(Shifted on TBC at Tarapur end)
Nasik Navsari II	InterState	05/09/2017	12.46	05/09/2017	13.26	T	Tripped at Navsari end only
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.
Mahad - Pedambe	IntraState	05/09/2017	13.05	05/09/2017	17.42	T	Distance Protection
Mahad-Kandalgaon	IntraState	05/09/2017	13.05	05/09/2017	13.25	T	Distance Protection
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 200 Mva Emco Ict 2 @Ambazari	IntraState	05/09/2017	12.48	05/09/2017	15.04	PO	For Test and trials of LTS in view of 150 MVA ICT-I replacement work
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	05/09/2017	15.13	05/09/2017	17.20	PO	For Test and trials of LTS in view of 150 MVA ICT-I replacement work
132 KV LINE Outages/Trippings							
Padegaon- Waluj 1	IntraState	05/09/2017	21.40	05/09/2017	21.51	T	Distance Protection
Padegaon- Waluj 2	IntraState	05/09/2017	21.40	06/09/2017	00.36	T	Distance Protection
Arvi-Pulgaon 1	IntraState	06/09/2017	03.03	06/09/2017	03.52	T	Distance Protection
Arvi-Pulgaon 2	IntraState	06/09/2017	03.03	06/09/2017	04.00	T	Distance Protection

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