

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.564	757.820	1) Gujrat	-2.779	-17.528
2) Hydro	5.229	25.375	2) Madhya Pradesh	11.144	43.504
3) Gas	10.471	42.030	3) Chattisgarh	5.990	29.150
Total MSPGCL	174.264	825.225	4) Maharashtra Net	129.837	656.658
B) 1) APML	57.435	266.061	5) Goa (Amona)	-0.836	-3.850
2) JSWEL	23.062	111.809	Total	143.356	707.934
3) VIPL	13.640	68.950	a) Mumbai Schedule	25.739	122.108
4) RPL(AMT)	17.367	75.048	b) Mumbai Drawl	33.021	140.669
5) WPCL	1.883	12.812	c) MSEDCL Bilateral *	40.214	191.667
6) PGPL	0.000	0.000	Include PX	10.894	68.891
7) Other IPP	3.240	14.990	d) Mumbai Bilateral *	25.739	122.108
C) 1) TPCL Thermal	15.247	80.659	Include PX	1.209	4.314
2) TPCL Hydro	3.989	18.120	Include Standby	0.000	0.000
3) TPCL Gas	4.505	22.538	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.145	58.043	1) MSEDCL	412.194	1998.698
D) STATE			2) Mumbai Discoms	67.907	320.029
1) Thermal	301.583	1446.192	TOTAL STATE	480.101	2318.727
(A1+C1+C4+(B1-B6))					
2) Hydro	9.218	43.495			
(A2+C2)					
3) Gas	14.976	64.568			
(A3+B6+C3)					
4) Wind	9.376	48.533			
6) SOLAR	1.592	8.005			
TOTAL STATE	336.745	1610.793			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6814	7056	6344	6629
MSPGCL Hydro	292	526	219	112
MSPGCL Gas	420	420	439	446
MSPGCL Total Generation	7526	8002	7002	7187
Central Sector Receipt	6956	6150	5830	5194
WIND	158	376	658	412
CPP / IPP Thermal	5129	5160	5072	4615
CPP / IPP Gas	0	0	0	0
SOLAR	226	126	0	0
Exchange with Mumbai	-1621	-1570	-1624	-740
MSEDCL DEMAND MET	18374	18244	16938	16668
Load Shedding	447	500	0	81
MSEDCL DEMAND	18821	18744	16938	16749
TPCL GENERATION	1255	1318	971	919
R-INFRA GENERATION	505	500	416	506
MUMBAI DEMAND	3381	3388	3011	2165
STATE DEMAND MET	21755	21632	19949	18833
STATE DEMAND	22202	22132	19949	18914
Frequency (Hz)	49.95	49.92	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.76 Hz at 16.14 Hrs	49.93	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/May/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	3.95	19.12	170	155
Unit 8	12.55	57.50	561	441
Unit 9	12.47	58.04	637	410
Unit 10	0.00	20.99	0	0
Total	28.97	155.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	19.72	170	160
Unit 4	8.84	43.49	470	355
Unit 5	8.93	43.90	490	355
Total	21.70	107.11		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.58	29.10	250	192
Unit 7	5.56	28.19	248	194
Unit 8	0.00	0.00	0	0
Total	11.13	57.29		
Chandrapur				
Unit 3	4.42	21.90	190	181
Unit 4	4.71	11.66	199	194
Unit 5	10.41	52.50	445	415
Unit 6	8.43	8.43	440	0
Unit 7	0.00	0.00	0	0
Unit 8	9.92	49.39	459	312
Unit 9	10.10	49.11	475	316
Total	48.00	192.99		
Paras				
Unit 3	5.78	19.67	255	196
Unit 4	5.69	22.02	252	197
Total	11.47	41.69		
Khaparkheda				
Unit 1	4.02	19.84	180	155
Unit 2	4.26	19.78	190	160
Unit 3	4.48	22.57	200	160
Unit 4	0.00	16.83	0	0
Unit 5	11.34	56.02	500	385
Total	24.11	135.05		
Nasik				
Unit 3	4.41	22.66	200	170
Unit 4	4.41	22.81	204	164
Unit 5	4.36	22.57	201	162
Total	13.18	68.04		
Uran				
All Units	10.47	42.03	455	418
Total	10.47	42.03		
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)	0.08	0.28	20	0
Total	0.08	0.28		
Koyna				
Stage 1-2	1.02	5.22	50	40
Stage 4	0.00	0.60	0	0
Stage 3	1.23	2.19	160	0
Total	2.24	8.01		
Hydro				
KDPH	0.62	3.09	26	25
VTRNA	0.61	3.12	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.76	40	0
RNGR+BHTSA	0.29	1.61	13	12
BHANDARDRA	0.44	2.25	19	18
ELDARY	0.22	1.15	10	8
SMLHY_PTN	0.20	1.91	17	5
GHATGHAR	0.38	3.09	215	0
Total	2.98	17.37		
Wind				
Total	9.38	48.53	0	0
Total	9.38	48.53		
CPP				
APML(Mus)	57.44	266.06	0	0
JSWEL(Mus)	23.06	111.81	0	0
VIPL(Mus)	13.64	68.95	0	0
RPLAMT(Mus)	17.37	75.05	0	0
WPCL(Mus)	1.88	12.81	0	0
Other(Mus)	3.24	14.99	0	0
Total	116.63	549.67		
SOLAR				
Total	1.59	8.00	0	0
Total	1.59	8.00		
Tata				
Trombay 5	9.90	53.04	490	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	14.53	123	118
Trombay 7B	1.61	8.01	68	66
Trombay 8	5.34	27.62	241	201
TATA Hydro	3.99	18.12	420	0
Total	23.74	121.32		
R-INFRA				
DTPS U-1&2	11.14	58.04	506	388
Total	11.14	58.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.56	757.82	MSPGCL Total	174.26	825.22
			MSPGCL Thml+Gas	169.04	799.85	Koyna 1,2 & 4 Total	1.02	5.82
			MSPGCL Hydro	5.23	25.38	State Total	336.74	1610.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/May/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	6525	118	445	7088	388	4779	0	0	5334	5436	-1230	16461	106	16567	2670	19237	49.93
2	6512	113	445	7070	341	4729	0	0	5507	5449	-1019	16570	117	16687	2441	19128	49.91
3	6571	113	445	7129	371	4680	0	0	5369	5713	-844	17049	120	17169	2269	19438	49.88
4	6629	112	446	7187	412	4615	0	0	5342	5194	-740	16668	81	16749	2165	18914	49.94
5	6631	116	455	7202	396	4634	0	0	5894	5465	-731	16966	1	16967	2096	19063	49.93
6	6729	111	448	7288	419	4492	0	0	6667	6316	-956	17559	20	17579	2105	19684	49.97
7	6649	116	446	7211	328	4388	0	5	7063	6750	-990	17692	56	17748	2095	19843	49.96
8	6641	111	448	7200	294	4350	0	46	7336	7073	-1163	17800	24	17824	2262	20086	49.97
9	6400	132	452	6984	212	4252	0	107	7548	7399	-1366	17588	17	17605	2497	20102	49.95
10	6615	188	425	7228	119	4396	0	158	7142	6821	-1565	17157	22	17179	3001	20180	49.93
11	6642	196	436	7274	171	4900	0	186	6822	6542	-1631	17442	32	17474	3258	20732	49.93
12	6814	292	420	7526	158	5129	0	226	6609	6956	-1621	18374	447	18821	3381	22202	49.95
13	6806	327	418	7551	165	5186	0	235	6210	6322	-1609	17850	737	18587	3391	21978	49.94
14	6850	323	419	7592	171	5184	0	203	5989	6275	-1555	17870	733	18603	3290	21893	49.92
15	6796	338	419	7553	243	5193	0	180	5943	6374	-1556	17987	549	18536	3372	21908	49.88
16	7056	526	420	8002	376	5160	0	126	6019	6150	-1570	18244	500	18744	3388	22132	49.92
17	7053	425	420	7898	466	5149	0	86	5954	5951	-1550	18000	471	18471	3362	21833	49.91
18	6693	184	435	7312	705	5023	0	32	6001	5272	-1633	16711	78	16789	3205	19994	49.96
19	6157	185	434	6776	637	4912	0	2	5876	4957	-1729	15555	0	15555	3052	18607	50.00
20	6344	219	439	7002	658	5072	0	0	5490	5830	-1624	16938	0	16938	3011	19949	49.91
21	6446	256	438	7140	792	5310	0	0	5361	5314	-1571	16985	0	16985	2951	19936	49.98
22	6263	259	438	6960	538	5099	0	0	5328	5278	-1637	16238	0	16238	2876	19114	49.92
23	6396	250	436	7082	531	5085	0	0	5364	5307	-1654	16351	0	16351	2866	19217	49.90
24	6346	219	444	7009	485	4909	0	0	5515	5212	-1477	16138	0	16138	2903	19041	49.93
MUs	158.56	5.23	10.47	174.26	9.38	116.63	0.00	1.59	145.68	143.36	-33.02	412.19	4.11	416.31	67.91	484.21	49.93

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/May/2017

Position as on 6.30 Hrs of 06/May/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
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	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31	05/05/2017	02.20	Air heater problem	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	04/05/2017	23.36	06/05/2017	03.08	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	06/05/2017	06.29		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 06/May/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	04/05/2017	17.09	05/05/2017	9.32	HT	attending breaker problem,RFC.
Koradi Bhilai	InterState	05/05/2017	09.43	05/05/2017	17.19	PO	Online PID work.
Karad Solapur (PG)	InterState	05/05/2017	18.06		Continued.	T	Distance Protection
Akola Wardha I	InterState	05/05/2017	18.08		Continued.	T	Distance Protection
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	05/05/2017	18.38	05/05/2017	19.55	T	Distance Protection
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	05/05/2017	18.38	05/05/2017	19.28	T	Distance Protection
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Padghe - Kharghar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26		Continued.	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	04/05/2017	02.24	05/05/2017	04.27	T	Distance Protection
Nagothane - Dabhol I	IntraState	05/05/2017	10.32	05/05/2017	19.19	PO	Replacement of Faulty Insulator Strings.
Bus Coupler @ Koradi	IntraState	05/05/2017	12.27	05/05/2017	15.55	PO	R & M work.
N.Koyna-Karad -Ckt I	IntraState	05/05/2017	15.17		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	05/05/2017	11.02		Continued.	PO	R/M,Diagnostic Testing Work.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	05/05/2017	17.03	05/05/2017	17.45	T	Tripped on NDR
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	05/05/2017	17.05	05/05/2017	17.46	T	LV side earth fault oper.
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	05/05/2017	18.38	05/05/2017	18.57	T	Line tripped only from Ammona end.
Mahalakshmi Amona	InterState	05/05/2017	18.38	05/05/2017	18.59	T	Line tripped only from ammona end.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Khaparkheda-Ambazari-Ii	IntraState	04/05/2017	01.42		Continued.	T	BPH broken.
Niwali - Pawas Line	IntraState	05/05/2017	09.05	05/05/2017	17.35	PO	R & M work
Bhugaon- Wardha	IntraState	05/05/2017	09.18	05/05/2017	19.46	PO	Replacement of Insulator String
Dhule - Malegaon	IntraState	05/05/2017	10.01	05/05/2017	14.54	PO	Works at Malegaon end.
Karad - Vita Ckt- I	IntraState	05/05/2017	11.05	05/05/2017	16.15	PO	Hot line maintenance work.
Butibori - Wardha	IntraState	05/05/2017	12.07		Continued.	T	Distance Protection
Talandage - Sawantwadi I	IntraState	05/05/2017	13.25		Continued.	T	Distance Protection
Dondaicha- Shahada	IntraState	05/05/2017	14.10	05/05/2017	15.05	T	Distance Protection
Pedambe-Nerle	IntraState	05/05/2017	17.13	05/05/2017	18.25	T	Distance Protection
Karad -Mudshingi Ckt- IV	IntraState	05/05/2017	17.25	05/05/2017	17.40	T	Distance Protection
Pophali - Kdph	IntraState	05/05/2017	17.30		Continued.	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	05/05/2017	21.18		Continued.	T	Bus fault Occured at Pandhurna end due to Busrsting of Bus PT.
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 05/May/2017

Statement-VII

Position as on 6.30 Hrs of 06/May/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)
220/132kv 200mva Emco Ict @Kurkumbh	IntraState	05/05/2017	10.10	05/05/2017	17.10	PO	R & M work
220/132 kV 200 Mva ICT-II @Boisar -Ii	IntraState	05/05/2017	11.35	05/05/2017	16.45	PO	SFRA test.
132 KV LINE Outages/Trippings							
Dondaicha-Nandurbar	IntraState	05/05/2017	00.27	05/05/2017	01.09	T	Distance Protection