

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.348	2753.943	1) Gujrat	-1.735	-39.745
2) Hydro	4.811	82.616	2) Madhya Pradesh	11.930	216.941
3) Gas	10.378	161.070	3) Chattisgarh	6.120	112.370
Total MSPGCL	173.537	2997.629	4) Maharashtra Net	132.573	2278.178
B) 1) APLM	46.698	989.887	5) Goa (Amona)	-0.704	-13.838
2) JSWEL	17.226	361.920	Total	148.184	2553.906
3) VIPL	13.076	228.532	a) Mumbai Schedule	26.607	440.773
4) RPL(AMT)	16.152	275.580	b) Mumbai Drawl	34.626	576.253
5) WPCL	2.567	44.320	c) MSEDCL Bilateral *	43.202	737.501
6) PGPL	0.000	0.000	Include PX	4.867	141.805
7) Other IPP	6.232	99.530	d) Mumbai Bilateral *	26.607	440.773
C) 1) TPCL Thermal	14.280	265.766	Include PX	4.520	41.568
2) TPCL Hydro	5.198	64.147	Include Standby	0.000	0.000
3) TPCL Gas	4.487	80.954	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.708	179.890	1) MSEDCL	411.761	7263.738
D) STATE			2) Mumbai Discoms	68.299	1167.005
1) Thermal	284.287	5199.368	TOTAL STATE	480.060	8430.743
(A1+C1+C4+(B1-B6))					
2) Hydro	10.009	146.763			
(A2+C2)					
3) Gas	14.865	242.024			
(A3+B6+C3)					
4) Wind	20.999	259.783			
6) SOLAR	1.716	28.904			
TOTAL STATE	331.876	5876.842			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6743	6027	6313	6378
MSPGCL Hydro	243	472	256	111
MSPGCL Gas	421	423	429	432
MSPGCL Total Generation	7407	6922	6998	6921
Central Sector Receipt	7052	7551	5688	5249
WIND	717	914	1064	935
CPP / IPP Thermal	4343	4344	4294	4103
CPP / IPP Gas	0	0	0	0
SOLAR	230	101	0	0
Exchange with Mumbai	-1518	-1539	-1482	-1642
MSEDCL DEMAND MET	18231	18293	16562	15566
Load Shedding	0	0	0	0
MSEDCL DEMAND	18231	18293	16562	15566
TPCL GENERATION	1315	1321	1145	713
R-INFRA GENERATION	493	491	389	388
MUMBAI DEMAND	3326	3351	3016	2743
STATE DEMAND MET	21557	21644	19578	18309
STATE DEMAND	21557	21644	19578	18309
Frequency (Hz)	49.92	49.97	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.29 Hrs	49.77 Hz at 08.08 Hrs	49.97	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 18/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	3.76	66.94	163	140
Unit 8	12.78	176.41	602	422
Unit 9	1.17	148.87	298	0
Unit 10	8.45	75.73	370	335
Total	26.16	467.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	64.51	175	160
Unit 4	11.35	170.86	500	370
Unit 5	9.70	170.35	500	0
Total	25.08	405.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.84	98.75	254	198
Unit 7	5.59	96.99	252	190
Unit 8	3.52	27.21	205	0
Total	14.95	222.95		
Chandrapur				
Unit 3	4.55	78.99	195	168
Unit 4	4.69	70.61	199	170
Unit 5	10.12	179.75	440	365
Unit 6	10.53	130.93	459	405
Unit 7	0.00	0.00	0	0
Unit 8	7.13	165.39	388	202
Unit 9	7.45	173.71	395	237
Total	44.46	799.38		
Paras				
Unit 3	5.91	90.50	254	205
Unit 4	5.90	92.76	257	196
Total	11.80	183.25		
Khaparkheda				
Unit 1	3.86	71.56	175	120
Unit 2	4.17	71.42	180	160
Unit 3	4.30	74.82	200	160
Unit 4	0.44	60.33	153	0
Unit 5	10.69	165.91	485	365
Total	23.45	444.03		
Nasik				
Unit 3	4.16	77.54	200	160
Unit 4	4.14	77.30	201	163
Unit 5	4.12	75.81	195	161
Total	12.43	230.64		
Uran				
All Units	10.38	161.07	445	418
Total	10.38	161.07		
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	4.24	0	0
Total	0.00	4.24		
Koyna				
Stage 1-2	1.84	20.11	405	40
Stage 4	0.00	0.82	0	0
Stage 3	0.51	5.18	80	0
Total	2.36	26.11		
Hydro				
KDPH	0.58	10.32	24	24
VTRNA	0.54	10.24	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.21	80	0
RNGR+BHTSA	0.31	4.54	13	12
BHANDARDRA	0.44	8.06	19	18
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.34	5.29	22	11
GHATGHAR	0.00	12.40	0	0
Total	2.46	56.51		
Wind				
Total	21.00	259.78	0	0
Total	21.00	259.78		
CPP				
APML(Mus)	46.70	989.89	0	0
JSWEL(Mus)	17.23	361.92	0	0
VIPL(Mus)	13.08	228.53	0	0
RPLAMT(Mus)	16.15	275.58	0	0
WPCL(Mus)	2.57	44.32	0	0
Other(Mus)	6.23	99.53	0	0
Total	101.95	1999.77		
SOLAR				
Total	1.72	28.90	0	0
Total	1.72	28.90		
Tata				
Trombay 5	9.14	170.63	482	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	52.13	123	118
Trombay 7B	1.60	28.83	67	65
Trombay 8	5.14	95.13	241	200
TATA Hydro	5.20	64.15	459	10
Total	23.96	410.87		
R-INFRA				
DTPS U-1&2	9.71	179.89	493	388
Total	9.71	179.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.35	2753.94	MSPGCL Total	173.54	2997.63
			MSPGCL Thml+Gas	168.73	2915.01	Koyna 1,2 & 4 Total	1.84	20.92
			MSPGCL Hydro	4.81	82.62	State Total	331.88	5876.84

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/May/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6378	111	432	6921	935	4103	0	0	5607	5249	-1642	15566	0	15566	2743	18309	49.97
2	6168	106	443	6717	910	4110	0	0	5352	5683	-1463	15957	0	15957	2557	18514	49.95
3	6611	106	433	7150	917	4226	0	0	5345	5595	-1293	16595	0	16595	2382	18977	49.98
4	6849	116	445	7410	1019	4451	0	0	5280	4961	-1155	16686	0	16686	2248	18934	49.99
5	6786	110	443	7339	1009	4268	0	0	5225	5427	-1108	16935	0	16935	2207	19142	49.98
6	6773	125	436	7334	1007	4255	0	0	5683	5710	-1129	17177	0	17177	2222	19399	50.01
7	6815	186	445	7446	987	4115	0	8	5920	6091	-1088	17559	0	17559	2182	19741	50.00
8	6864	192	445	7501	762	4104	0	45	6371	6607	-1101	17918	0	17918	2241	20159	49.99
9	6841	248	439	7528	790	4276	0	112	6389	6613	-1282	18037	0	18037	2600	20637	49.91
10	6836	342	428	7606	817	4339	0	170	6487	6442	-1530	17844	0	17844	3035	20879	49.99
11	6776	310	426	7512	598	4340	0	203	6571	6403	-1564	17492	0	17492	3178	20670	49.97
12	6743	243	421	7407	717	4343	0	230	7164	7052	-1518	18231	0	18231	3326	21557	49.92
13	6709	132	421	7262	634	4307	0	239	7250	7118	-1536	18024	0	18024	3350	21374	50.00
14	6742	107	420	7269	621	4124	0	216	7305	7432	-1635	18027	0	18027	3296	21323	49.93
15	6721	117	418	7256	760	4161	0	196	7446	7389	-1671	18091	0	18091	3369	21460	49.89
16	6442	202	419	7063	766	4200	0	152	7502	7581	-1646	18116	0	18116	3371	21487	49.92
17	6027	472	423	6922	914	4344	0	101	7429	7551	-1539	18293	0	18293	3351	21644	49.97
18	6046	440	424	6910	1035	4331	0	39	6298	6714	-1508	17521	0	17521	3201	20722	50.00
19	5998	253	445	6696	1218	4188	0	5	5957	5375	-1550	15932	0	15932	3064	18996	50.00
20	6313	256	429	6998	1064	4294	0	0	5513	5688	-1482	16562	0	16562	3016	19578	49.94
21	6627	178	429	7234	897	4502	0	0	5484	5285	-1451	16467	0	16467	2929	19396	49.92
22	6768	178	440	7386	840	4278	0	0	5294	5206	-1476	16234	0	16234	2810	19044	49.96
23	6850	173	441	7464	929	4148	0	0	5289	5458	-1615	16384	0	16384	2810	19194	50.00
24	6665	108	433	7206	853	4144	0	0	5499	5554	-1644	16113	0	16113	2811	18924	49.97
MUs	158.35	4.81	10.38	173.54	21.00	101.95	0.00	1.72	147.66	148.18	-34.63	411.76	0.00	411.76	68.30	480.06	49.97

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 18/May/2017

Position as on 6.30 Hrs of 19/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	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	JSW (J) U2	300	11/05/2017	05.35		Continued.	No Schedule.	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 9	660	16/05/2017	10.10	18/05/2017	17.20	Flame Failure	
MSPGCL	Khaparkheda Unit 4	210	17/05/2017	00.17	18/05/2017	20.18	HP Turbine Leakage	
MSPGCL	Bhusawal Unit 5	500	18/05/2017	15.35	18/05/2017	18.09	Flame Failure	
MSPGCL	Parli Unit 8	250	18/05/2017	15.52	18/05/2017	19.40	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2017

Statement-VII

Position as on 6.30 Hrs of 19/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	18/05/2017	00.01	18/05/2017	05.07	PO	Line Maintenance work
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	17/05/2017	18.03	19/05/2017	06.23	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	18/05/2017	09.07	18/05/2017	20.41	PO	AMP Work At Aurangabad.
Ektuni-Bableshtar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Bhusawal-Aurangabad	IntraState	17/05/2017	18.34	18/05/2017	06.25	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	18/05/2017	07.09	18/05/2017	18.12	PO	Routine Maintenance Work
New Koyana - Dabhol - li	IntraState	18/05/2017	07.30	18/05/2017	21.10	PO	String Replacement Work.
Karad-Jaigad - I	IntraState	18/05/2017	09.00	18/05/2017	19.03	PO	Line Insulator Washing.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	18/05/2017	18.22	18/05/2017	23.05	HT	Due To Problem In Breaker.
Bhusawal-Aurangabad	IntraState	18/05/2017	18.53	19/05/2017	06.09	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	18/05/2017	10.54		Continued.	PO	Pre Mansoon Maintenance Work.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	18/05/2017	00.48	18/05/2017	02.39	HT	Over Loading of Bus Coupler.
Mudshingi - Chikodi	InterState	18/05/2017	06.00	18/05/2017	18.07	HT	No Schedule.
Talandage - Chikodi	InterState	18/05/2017	06.00	18/05/2017	18.00	HT	No Schedule.
Talandage - Chikodi	InterState	19/05/2017	06.00		Continued.	HT	No Schedule
Mudshingi Chikodi	InterState	19/05/2017	06.00		Continued.	HT	No schedule
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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Kalwa - Mulund 2	IntraState	18/05/2017	08.49	18/05/2017	11.28	PO	Attending Hot Spot
Mahindra Vehicle-Bridgestone	IntraState	18/05/2017	09.00	18/05/2017	18.12	PO	Half yearly maintenance work
Flagship-Chinchwad	IntraState	18/05/2017	09.34	18/05/2017	17.08	PO	Half yearly maintenance work
Jejuri (400 Kv)-Jejuri- li	IntraState	18/05/2017	10.03	18/05/2017	16.16	PO	Annual CT Testing Work.
Apta - Taloja	IntraState	18/05/2017	11.20	18/05/2017	16.29	PO	Taken On TBC For CB CRM.
Solapur(Bale) - Tuljapur	IntraState	18/05/2017	12.04	18/05/2017	14.53	PO	Replacement Of Jumper Nut Bolt.
Uran - Apta IV	IntraState	18/05/2017	16.37		Continued.	PO	Attend Testing 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)
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	18/05/2017	08.55		Continued.	PO	Tree Trimming.

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