

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.697	4757.258	1) Gujrat	-0.019	-61.626
2) Hydro	8.750	180.267	2) Madhya Pradesh	13.954	373.675
3) Gas	9.313	290.160	3) Chattisgarh	6.520	194.330
Total MSPGCL	181.760	5227.685	4) Maharashtra Net	118.791	3834.732
B) 1) APML	42.059	1576.133	5) Goa (Amona)	-0.528	-22.880
2) JSWEL	19.909	632.949	Total	138.718	4318.231
3) VIPL	6.691	376.731	a) Mumbai Schedule	30.683	777.469
4) RPL(AMT)	15.055	474.712	b) Mumbai Drawl	34.726	1005.566
5) WPCL	2.622	71.736	c) MSEDCL Bilateral *	38.792	1302.340
6) PGPL	0.000	0.000	Include PX	-0.071	226.410
7) Other IPP	5.961	180.902	d) Mumbai Bilateral *	30.683	777.469
C) 1) TPCL Thermal	16.588	455.348	Include PX	13.570	93.261
2) TPCL Hydro	4.858	124.073	Include Standby	0.000	0.000
3) TPCL Gas	4.468	138.887	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.355	316.528	1) MSEDCL	399.307	12531.432
D) STATE			2) Mumbai Discoms	71.995	2040.404
1) Thermal	283.937	8842.297	TOTAL STATE	471.302	14571.836
(A1+C1+C4+(B1-B6))					
2) Hydro	13.608	304.340			
(A2+C2)					
3) Gas	13.781	429.047			
(A3+B6+C3)					
4) Wind	19.844	628.307			
6) SOLAR	1.414	49.612			
TOTAL STATE	332.584	10253.603			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7203	6861	6384	6969
MSPGCL Hydro	1055	494	148	98
MSPGCL Gas	420	422	426	299
MSPGCL Total Generation	8678	7777	6958	7366
Central Sector Receipt	6400	6334	5126	5473
WIND	90	1051	1842	497
CPP / IPP Thermal	4221	4267	3729	3679
CPP / IPP Gas	0	0	0	0
SOLAR	197	124	0	0
Exchange with Mumbai	-1641	-1753	-1612	-998
MSEDCL DEMAND MET	17945	17800	16043	16017
Load Shedding	0	0	0	0
MSEDCL DEMAND	17945	17800	16043	16017
TPCL GENERATION	1349	1309	1058	912
R-INFRA GENERATION	497	499	388	507
MUMBAI DEMAND	3487	3561	3058	2417
STATE DEMAND MET	21432	21361	19101	18434
STATE DEMAND	21432	21361	19101	18434
Frequency (Hz)	49.97	49.99	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07.45 Hrs	49.83 Hz at 13.55 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 31/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	2.18	112.18	160	0
Unit 8	8.28	302.42	395	300
Unit 9	7.60	277.52	375	300
Unit 10	7.22	120.54	390	258
Total	25.28	812.66		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.26	117.98	190	165
Unit 4	10.82	271.90	490	355
Unit 5	10.48	295.02	485	365
Total	25.54	684.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.74	170.54	250	200
Unit 7	5.66	168.58	254	191
Unit 8	3.34	65.67	203	0
Total	14.74	404.79		
Chandrapur				
Unit 3	3.97	132.03	170	155
Unit 4	4.52	129.48	193	172
Unit 5	9.16	305.39	415	354
Unit 6	9.42	233.62	420	197
Unit 7	10.12	59.86	440	362
Unit 8	9.27	279.53	420	350
Unit 9	9.91	295.51	490	350
Total	56.37	1435.42		
Paras				
Unit 3	4.74	154.04	210	186
Unit 4	4.74	158.08	207	190
Total	9.48	312.12		
Khaparkheda				
Unit 1	2.79	115.50	150	0
Unit 2	3.43	118.59	155	140
Unit 3	3.25	115.37	152	100
Unit 4	3.24	106.26	150	120
Unit 5	10.54	265.75	462	385
Total	23.26	721.47		
Nasik				
Unit 3	0.00	122.22	0	0
Unit 4	4.58	132.68	206	163
Unit 5	4.45	131.00	200	162
Total	9.03	385.90		
Uran				
All Units	9.31	290.16	436	282
Total	9.31	290.16		
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	4.89	31	0
Total	0.04	4.89		
Koyna				
Stage 1-2	2.36	50.49	335	40
Stage 4	1.65	17.08	450	0
Stage 3	0.74	15.73	110	0
Total	4.74	83.30		
Hydro				
KDPH	0.52	17.34	22	21
VTRNA	0.50	17.08	61	0
TILLARI	0.00	1.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	6.76	80	0
RNGR+BHTSA	0.00	8.12	0	0
BHANDARDRA	0.24	12.82	10	9
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.19	8.88	16	5
GHATGHAR	2.18	22.76	250	0
Total	4.01	96.96		
Wind				
Total	19.84	628.31	0	0
Total	19.84	628.31		
CPP				
APML(Mus)	42.06	1576.13	0	0
JSWEL(Mus)	19.91	632.95	0	0
VIPL(Mus)	6.69	376.73	0	0
RPLAMT(Mus)	15.06	474.71	0	0
WPCL(Mus)	2.62	71.74	0	0
Other(Mus)	5.96	180.90	0	0
Total	92.30	3313.16		
SOLAR				
Total	1.41	49.61	0	0
Total	1.41	49.61		
Tata				
Trombay 5	10.93	290.82	488	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	89.54	123	117
Trombay 7B	1.58	49.35	67	65
Trombay 8	5.66	164.53	244	200
TATA Hydro	4.86	124.07	441	0
Total	25.91	718.31		
R-INFRA				
DTPS U-1&2	11.36	316.53	509	388
Total	11.36	316.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.70	4757.26	MSPGCL Total	181.76	5227.68
			MSPGCL Thml+Gas	173.01	5047.42	Koyna 1,2 & 4 Total	4.00	67.57
			MSPGCL Hydro	8.75	180.27	State Total	332.58	10253.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	6853	381	292	7526	989	3685	0	0	5632	5646	-1415	16431	0	16431	2936	19367	49.96
2	6943	291	282	7516	686	3703	0	0	5548	5578	-1299	16184	0	16184	2743	18927	49.96
3	6991	236	292	7519	670	3697	0	0	5330	5622	-1118	16390	0	16390	2539	18929	49.97
4	6969	98	299	7366	497	3679	0	0	5434	5473	-998	16017	0	16017	2417	18434	49.99
5	7044	76	316	7436	461	3674	0	0	5382	5845	-944	16472	0	16472	2366	18838	49.97
6	7002	87	355	7444	377	3691	0	0	5571	5820	-956	16376	0	16376	2383	18759	50.01
7	6988	455	347	7790	304	3683	0	8	5327	6058	-869	16974	0	16974	2306	19280	50.03
8	6990	377	357	7724	327	3691	0	42	5755	5940	-961	16763	0	16763	2394	19157	50.06
9	7122	369	389	7880	321	3696	0	90	5956	5770	-1226	16531	0	16531	2738	19269	50.05
10	7097	224	422	7743	173	3710	0	142	5998	5964	-1609	16123	0	16123	3188	19311	49.99
11	7107	634	431	8172	123	3860	0	155	6102	6364	-1501	17173	0	17173	3350	20523	49.96
12	7203	1055	420	8678	90	4221	0	197	6231	6400	-1641	17945	0	17945	3487	21432	49.97
13	7120	1065	418	8603	156	4266	0	195	6376	6163	-1683	17700	0	17700	3484	21184	49.99
14	7024	768	419	8211	432	4263	0	176	6367	6237	-1630	17689	0	17689	3434	21123	49.95
15	6817	621	418	7856	804	4265	0	161	6397	6394	-1697	17783	0	17783	3524	21307	49.93
16	6861	494	422	7777	1051	4267	0	124	6385	6334	-1753	17800	0	17800	3561	21361	49.99
17	6852	169	430	7451	1317	4080	0	82	6320	6002	-1777	17155	0	17155	3489	20644	50.00
18	6485	78	424	6987	1564	3744	0	35	5562	5495	-1766	16059	0	16059	3363	19422	50.01
19	6204	223	425	6852	1820	3743	0	7	4989	4659	-1689	15392	0	15392	3099	18491	50.00
20	6122	210	436	6768	1869	3725	0	0	5043	5095	-1620	15837	0	15837	3069	18906	49.95
21	6384	148	426	6958	1842	3729	0	0	5026	5126	-1612	16043	0	16043	3058	19101	49.99
22	6398	147	427	6972	1535	3721	0	0	5015	5021	-1647	15602	0	15602	2988	18590	49.96
23	6536	347	436	7319	1193	3737	0	0	5100	5893	-1680	16462	0	16462	3002	19464	49.95
24	6585	197	430	7212	1243	3769	0	0	5460	5819	-1635	16408	0	16408	3077	19485	50.00
MUs	163.70	8.75	9.31	181.76	19.84	92.30	0.00	1.41	136.31	138.72	-34.73	399.31	0.00	399.31	72.00	471.30	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 31/May/2017

Position as on 6.30 Hrs of 01/Jun/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	
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	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	EARTH FAULT PROTECTION STAGE 1 OPERATED.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	29/05/2017	19.09	31/05/2017	08.17	i & c card problem.	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	to gas formation in g.t.	
MSPGCL	Khaparkheda Unit 1	210	30/05/2017	21.42	31/05/2017	03.55	Reverse power protection operated.	
MSPGCL	Uran Unit 7	108	30/05/2017	22.49	31/05/2017	03.16	Gas leakage.	
MSPGCL	Koradi Unit 7	210	31/05/2017	14.22		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	31/05/2017	21.56		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/May/2017

Position as on 6.30 Hrs of 01/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
MSPGCL	Uran Unit 6	108	01/06/2017	01.40	01/06/2017	05.58	DUMPER DISCREPANCY.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2017

Statement-VII

Position as on 6.30 Hrs of 01/Jun/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
Dabhol Newkoyna li	InterState	29/05/2017	02.06		Continued.	T	Distance Protection
Dabhol Newkoyna li	InterState	30/05/2017	07.47	31/05/2017	Continued.	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	30/05/2017	19.46	31/05/2017	10.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	31/05/2017	18.36		Continued.	HT	Over Voltage
Girwali- Lonikand 2	IntraState	29/05/2017	12.13		Continued.	PO	taken on tbc,to replace copper rods pg bus isolator.
Chandrapur - Khaperkheda	IntraState	30/05/2017	09.15	31/05/2017	15.21	PO	main dist realy faulty card replacement & complete testing of relay. rfc 21.30
Bhusawal-Aurangabad	IntraState	30/05/2017	18.10	31/05/2017	09.00	HT	Over Voltage
Koradi 2-IEPL	IntraState	31/05/2017	08.03	31/05/2017	19.20	PO	Powerline Crossing Of 765KV DC Gadawara-Warora line.
Warora -IEPL	IntraState	31/05/2017	08.15	31/05/2017	21.30	PO	Powerline Crossing Of 765KV DC Gadawara-Warora line.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	31/05/2017	12.24	31/05/2017	16.34	PO	Attending Hot Spot
Ektuni-Bableswhar ckt II	IntraState	31/05/2017	22.09		Continued.	HT	Controlling 400KV Padgha-Bableswhar. Line Loading.
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	18/05/2017	11.04		Continued.	PO	Replacement Of B Phase Unit.
400/220KV 500MVA ICT 2@koradi 2	IntraState	30/05/2017	18.40	31/05/2017	12.34	EO	Attending Oil Leakage
400/220/33kv, 500 Mva lct-2 @Khaparkheda	IntraState	31/05/2017	09.12	31/05/2017	17.20	PO	Premonsoon Maintenance Work.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	31/05/2017	16.32	31/05/2017	18.40	EO	Check Fire Detector Indication On R-phase Unit.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	30/05/2017	21.05	31/05/2017	11.02	T	Distance Protection
Nasik Navsari II	InterState	31/05/2017	05.59	31/05/2017	06.22	T	Distance Protection
Nasik Navsari II	InterState	31/05/2017	19.19	31/05/2017	22.24	PO	Attend Faulty Disc Insulator.
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 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.
Pophali - New Koyna	IntraState	29/05/2017	06.48	31/05/2017	18.25	PO	replacement of insulator string.
Satana-Gangapur	IntraState	30/05/2017	11.35		Continued.	PO	bunching point work at loc 385.
Kharghar-PGPL	IntraState	30/05/2017	13.14		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Kharghar - Tss Panvel	IntraState	30/05/2017	13.54		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Nanded-Ghatodi	IntraState	30/05/2017	22.29	31/05/2017	02.15	T	Distance Protection
Salsette Borivli 1	IntraState	31/05/2017	09.39	31/05/2017	18.08	PO	LA Replacement.
Bus Coupler @ Babhaleshwar	IntraState	31/05/2017	10.32	31/05/2017	11.14	PO	Isolator Alignment.
Miraj - Mhaishal	IntraState	31/05/2017	11.11	31/05/2017	14.41	PO	Attending Hot Spot
Mudshingi-Belewadi	IntraState	31/05/2017	12.12	31/05/2017	17.05	PO	Testing Work
Trombay - Mulund	IntraState	31/05/2017	14.00	31/05/2017	14.16	T	Tripped From Trombay End Only.B-Phase To E

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 31/May/2017

Statement-VII

Position as on 6.30 Hrs of 01/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							From Trombay,Ir-345,Y-1.02Ka,B-18.3Ka,G-19.7Ka.
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 Vijay Ict 2 @Chalisgaon	IntraState	29/05/2017	10.20		Continued.	PO	replacement of 3 no hv ct due to high tan delta value.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	31/05/2017	19.25	31/05/2017	21.10	T	WITHOUT INDICATION.
100 KV LINE Outages/Trippings							
Borivali II - TATA II	IntraState	31/05/2017	10.48	31/05/2017	17.15	PO	Safety Purpose.
Borivali II - TATA II	IntraState	31/05/2017	19.25		Continued.	T	Distance Protection