

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.510	4593.706	1) Gujrat	-3.035	-61.607
2) Hydro	4.513	171.517	2) Madhya Pradesh	10.972	359.721
3) Gas	6.839	280.847	3) Chattisgarh	6.220	187.810
Total MSPGCL	163.862	5046.070	4) Maharashtra Net	107.753	3715.941
B) 1) APML	43.593	1534.074	5) Goa (Amona)	-0.506	-22.352
2) JSWEL	19.590	613.040	Total	121.404	4179.513
3) VIPL	5.221	370.040	a) Mumbai Schedule	28.334	746.787
4) RPL(AMT)	13.977	459.657	b) Mumbai Drawl	37.305	970.840
5) WPCL	1.808	69.114	c) MSEDCL Bilateral *	46.508	1263.548
6) PGPL	0.000	0.000	Include PX	6.730	226.481
7) Other IPP	5.667	174.941	d) Mumbai Bilateral *	28.334	746.787
C) 1) TPCL Thermal	13.952	438.760	Include PX	12.345	79.691
2) TPCL Hydro	6.159	119.215	Include Standby	0.000	0.000
3) TPCL Gas	4.454	134.419	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.440	305.173	1) MSEDCL	387.365	12132.270
D) STATE			2) Mumbai Discoms	71.309	1968.409
1) Thermal	265.758	8558.505	TOTAL STATE	458.674	14100.679
(A1+C1+C4+(B1-B6))					
2) Hydro	10.672	290.732			
(A2+C2)					
3) Gas	11.293	415.266			
(A3+B6+C3)					
4) Wind	48.093	608.463			
6) SOLAR	1.455	48.198			
TOTAL STATE	337.271	9921.164			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6444	6444	6451	6154
MSPGCL Hydro	210	75	174	88
MSPGCL Gas	279	279	281	293
MSPGCL Total Generation	6933	6798	6906	6535
Central Sector Receipt	5491	5438	4756	5125
WIND	2117	2225	1728	1839
CPP / IPP Thermal	3758	3826	3764	3709
CPP / IPP Gas	0	0	0	0
SOLAR	190	168	0	0
Exchange with Mumbai	-1826	-1834	-1366	-1266
MSEDCL DEMAND MET	16663	16621	15788	15942
Load Shedding	0	0	0	0
MSEDCL DEMAND	16663	16621	15788	15942
TPCL GENERATION	1223	1283	1273	707
R-INFRA GENERATION	389	388	389	388
MUMBAI DEMAND	3438	3505	3028	2361
STATE DEMAND MET	20101	20126	18816	18303
STATE DEMAND	20101	20126	18816	18303
Frequency (Hz)	49.97	49.93	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 08.32 Hrs	49.83 Hz at 01.47 Hrs	49.98	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/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	3.53	110.00	160	130
Unit 8	11.49	294.13	490	456
Unit 9	10.43	269.93	526	360
Unit 10	9.99	113.32	480	300
Total	35.44	787.38		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	113.72	190	165
Unit 4	8.82	261.08	490	355
Unit 5	8.74	284.54	385	360
Total	21.58	659.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.90	164.80	250	195
Unit 7	4.88	162.92	234	194
Unit 8	3.56	62.34	179	115
Total	13.33	390.06		
Chandrapur				
Unit 3	3.94	128.06	167	163
Unit 4	4.18	124.96	186	167
Unit 5	8.80	296.23	405	350
Unit 6	0.03	224.20	32	0
Unit 7	8.86	49.74	410	356
Unit 8	8.24	270.26	360	312
Unit 9	8.47	285.60	379	337
Total	42.53	1379.05		
Paras				
Unit 3	4.72	149.30	211	182
Unit 4	4.62	153.34	199	188
Total	9.34	302.64		
Khaparkheda				
Unit 1	2.66	112.71	150	0
Unit 2	3.28	115.30	145	125
Unit 3	3.64	112.11	160	145
Unit 4	3.51	103.03	153	140
Unit 5	9.15	255.21	428	360
Total	22.24	698.36		
Nasik				
Unit 3	0.00	122.22	0	0
Unit 4	4.01	128.10	178	161
Unit 5	4.03	126.55	180	165
Total	8.04	376.87		
Uran				
All Units	6.84	280.85	315	277
Total	6.84	280.85		
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)	0.10	4.85	24	0
Total	0.10	4.85		
Koyna				
Stage 1-2	1.29	48.14	285	40
Stage 4	0.00	15.43	0	0
Stage 3	0.51	15.00	160	0
Total	1.80	78.56		
Hydro				
KDPH	0.52	16.82	22	21
VTRNA	0.57	16.58	61	0
TILLARI	0.00	1.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	6.38	80	0
RNGR+BHTSA	0.09	8.12	11	0
BHANDARDRA	0.24	12.58	34	0
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.29	8.68	20	9
GHATGHAR	0.66	20.58	230	0
Total	2.72	92.96		
Wind				
Total	48.09	608.46	0	0
Total	48.09	608.46		
CPP				
APML(Mus)	43.59	1534.07	0	0
JSWEL(Mus)	19.59	613.04	0	0
VIPL(Mus)	5.22	370.04	0	0
RPLAMT(Mus)	13.98	459.66	0	0
WPCL(Mus)	1.81	69.11	0	0
Other(Mus)	5.67	174.94	0	0
Total	89.86	3220.87		
SOLAR				
Total	1.46	48.20	0	0
Total	1.46	48.20		
Tata				
Trombay 5	9.02	279.89	450	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	86.65	121	118
Trombay 7B	1.58	47.77	67	65
Trombay 8	4.93	158.87	234	201
TATA Hydro	6.16	119.22	459	0
Total	24.56	692.39		
R-INFRA				
DTPS U-1&2	9.44	305.17	498	388
Total	9.44	305.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.51	4593.71	MSPGCL Total	163.86	5046.07
			MSPGCL Thml+Gas	159.35	4874.55	Koyna 1,2 & 4 Total	1.29	63.56
			MSPGCL Hydro	4.51	171.52	State Total	337.27	9921.16

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/May/2017

Annexure-2

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	6243	473	281	6997	2302	3728	0	0	5135	5262	-1676	16613	0	16613	2896	19509	49.93
2	6138	248	283	6669	2127	3711	0	0	4959	5164	-1507	16164	0	16164	2643	18807	49.92
3	6132	97	292	6521	2109	3712	0	0	4904	5056	-1446	15952	0	15952	2542	18494	49.96
4	6100	83	283	6466	2019	3716	0	0	4835	5356	-1306	16251	0	16251	2402	18653	49.98
5	6154	88	293	6535	1839	3709	0	0	4811	5125	-1266	15942	0	15942	2361	18303	49.99
6	6134	107	282	6523	1752	3707	0	0	5826	5518	-1276	16224	0	16224	2371	18595	50.00
7	6169	115	283	6567	1585	3694	0	8	5926	5650	-1216	16288	0	16288	2307	18595	50.00
8	6233	117	293	6643	1677	3671	0	39	5778	5608	-1272	16366	0	16366	2374	18740	50.05
9	6222	157	282	6661	2044	3670	0	98	5449	4938	-1479	15932	0	15932	2692	18624	50.05
10	6353	187	290	6830	2251	3666	0	154	5124	4716	-1759	15858	0	15858	3118	18976	49.99
11	6433	187	281	6901	2432	3756	0	154	5231	4767	-1737	16273	0	16273	3280	19553	49.98
12	6444	210	279	6933	2117	3758	0	190	6450	5491	-1826	16663	0	16663	3438	20101	49.97
13	6383	152	278	6813	2078	3776	0	181	5803	5234	-1764	16318	0	16318	3448	19766	49.98
14	6412	76	289	6777	2328	3766	0	192	5150	5060	-1740	16383	0	16383	3390	19773	49.96
15	6444	75	279	6798	2225	3826	0	168	5233	5438	-1834	16621	0	16621	3505	20126	49.93
16	6471	70	277	6818	2523	3812	0	142	5608	5021	-1826	16490	0	16490	3507	19997	49.98
17	6482	100	277	6859	2347	3786	0	85	4744	5088	-1787	16378	0	16378	3470	19848	49.96
18	6467	398	279	7144	2109	3775	0	36	3924	4325	-1659	15730	0	15730	3294	19024	49.99
19	6463	195	290	6948	2133	3801	0	8	3643	3830	-1542	15178	0	15178	3126	18304	49.97
20	6467	260	280	7007	1938	3807	0	0	4436	4368	-1443	15677	0	15677	3094	18771	49.96
21	6451	174	281	6906	1728	3764	0	0	4933	4756	-1366	15788	0	15788	3028	18816	49.97
22	6455	130	291	6876	1524	3668	0	0	4735	4792	-1399	15461	0	15461	2983	18444	49.99
23	6453	400	315	7168	1385	3796	0	0	4856	5364	-1593	16120	0	16120	2991	19111	50.00
24	6807	414	281	7502	1521	3786	0	0	5442	5477	-1586	16700	0	16700	3050	19750	49.96
MUs	152.51	4.51	6.84	163.86	48.09	89.86	0.00	1.46	122.93	121.40	-37.31	387.37	0.00	387.37	71.31	458.68	49.98

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/May/2017

Position as on 6.30 Hrs of 31/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	
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	
MSPGCL	Chandrapur Unit 6	500	28/05/2017	03.19	30/05/2017	23.33	Condenser Cooling water Pump Problem	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	Tripping of Tirora- Koradi 765 KV line	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	29/05/2017	19.09		Continued.	i & c card problem.	
MSPGCL	Uran Unit 7	108	29/05/2017	19.09	30/05/2017	22.00	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.	

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

Statement-VII

Position as on 6.30 Hrs of 31/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	30/05/2017	10.55	30/05/2017	16.58	PO	gas pressure tie bay lin.
Koradi III - Tirora - I	IntraState	30/05/2017	15.07	30/05/2017	17.21	EO	Isolator 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
Dabhol Newkoyna li	InterState	29/05/2017	02.06		Continued.	T	Distance Protection
Dhule Sar'Sarovar I	InterState	29/05/2017	21.19	30/05/2017	10.24	HT	Over Voltage
Dabhol Nagothane I	InterState	30/05/2017	02.20	30/05/2017	03.12	T	Distance Protection
Dhule Sar'Sarovar II	InterState	30/05/2017	19.46		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	26/05/2017	16.37	30/05/2017	00.20	HT	To control Padgha-BBLSR L/L
Bhusawal-Aurangabad	IntraState	29/05/2017	11.19	30/05/2017	15.18	PO	Testing Work
Girwali- Lonikand 2	IntraState	29/05/2017	12.13		Continued.	PO	taken on tbc,to replace copper rods pg bus isolator.
Bableswhar- Aurangabad (Waluj)	IntraState	30/05/2017	00.26	30/05/2017	06.02	EO	Attending Hot Spot
Babhaleswhar - Padghe-II	IntraState	30/05/2017	05.46	30/05/2017	06.05	T	tripped only at padgha end.
Chandrapur - Khaperkheda	IntraState	30/05/2017	09.15		Continued.	PO	main dist realy faulty card replacement & complete testing of relay. rfc 21.30
Chandrapur-II - Nanded ckt I	IntraState	30/05/2017	14.06	30/05/2017	17.07	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	30/05/2017	18.10		Continued.	HT	Over Voltage
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.
400/21 KV 600MVA GT VI @ Chandrapur	IntraState	29/05/2017	14.25	30/05/2017	21.58	PO	opp.outage gt testing.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	30/05/2017	05.51	30/05/2017	08.48	PO	Maintenance Work.
400/220KV 500MVA ICT 2@koradi 2	IntraState	30/05/2017	18.40		Continued.	EO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	30/05/2017	21.05		Continued.	T	Distance Protection
Talandge Chikodi	InterState	30/05/2017	21.06	30/05/2017	21.44	T	Distance Protection
Nasik Navsari II	InterState	31/05/2017	05.59	31/05/2017	06.22	T	Distance Protection
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		Continued.	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.
Niwali - Pawas Line	IntraState	30/05/2017	19.30	30/05/2017	20.54	T	Distance Protection
New Koyna - Niwali	IntraState	30/05/2017	19.30	30/05/2017	19.52	T	Distance Protection
Pedhambe - Oni	IntraState	30/05/2017	20.12	30/05/2017	20.30	T	Distance Protection
Nanded-Ghatodi	IntraState	30/05/2017	22.12	30/05/2017	22.25	T	Distance Protection
Nanded-Ghatodi	IntraState	30/05/2017	22.29		Continued.	T	Distance Protection

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 30/May/2017

Statement-VII

Position as on 6.30 Hrs of 31/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220/132kv 100 Mva Imp Ict 1 @Limbala Midc Hingoli	IntraState	30/05/2017	06.26	30/05/2017	11.07	PO	Attending Oil Leakage
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	30/05/2017	10.00	30/05/2017	18.16	PO	premonsoon maintenance work.
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	30/05/2017	10.10	30/05/2017	11.30	PO	premonsoon Maintenance Work
220/132 kV 200MVA ICT II @ Girwali	IntraState	30/05/2017	11.50	30/05/2017	15.10	PO	Attending air Leakage from drain valve of compressor.

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