

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/May/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.546	4441.196	1) Gujrat	-0.211	-58.572
2) Hydro	4.002	167.004	2) Madhya Pradesh	15.294	348.749
3) Gas	9.111	274.008	3) Chattisgarh	7.280	181.590
Total MSPGCL	156.659	4882.208	4) Maharashtra Net	112.381	3608.188
B) 1) APML	36.449	1490.481	5) Goa (Amona)	-0.726	-21.846
2) JSWEL	20.167	593.450	Total	134.018	4058.109
3) VIPL	10.507	364.819	a) Mumbai Schedule	26.081	718.453
4) RPL(AMT)	13.431	445.680	b) Mumbai Drawl	35.858	933.535
5) WPCL	1.722	67.306	c) MSEDCL Bilateral *	47.438	1217.040
6) PGPL	0.000	0.000	Include PX	11.900	219.751
7) Other IPP	5.795	169.274	d) Mumbai Bilateral *	26.081	718.453
C) 1) TPCL Thermal	14.655	424.808	Include PX	4.911	67.346
2) TPCL Hydro	6.140	113.056	Include Standby	0.000	0.000
3) TPCL Gas	4.473	129.965	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.573	295.733	1) MSEDCL	395.028	11744.905
D) STATE			2) Mumbai Discoms	70.699	1897.100
1) Thermal	255.845	8292.747	TOTAL STATE	465.727	13642.005
(A1+C1+C4+(B1-B6))					
2) Hydro	10.142	280.060			
(A2+C2)					
3) Gas	13.584	403.973			
(A3+B6+C3)					
4) Wind	50.500	560.370			
6) SOLAR	1.638	46.743			
TOTAL STATE	331.709	9583.893			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5835	6160	6113	5890
MSPGCL Hydro	243	91	156	98
MSPGCL Gas	421	423	281	404
MSPGCL Total Generation	6499	6674	6550	6392
Central Sector Receipt	6880	7197	4448	5250
WIND	1842	2311	2377	1871
CPP / IPP Thermal	3555	3540	4097	3518
CPP / IPP Gas	0	0	0	0
SOLAR	225	133	0	0
Exchange with Mumbai	-1732	-1778	-1457	-1271
MSEDCL DEMAND MET	17269	18077	16015	15760
Load Shedding	0	0	0	0
MSEDCL DEMAND	17269	18077	16015	15760
TPCL GENERATION	1302	1354	1072	699
R-INFRA GENERATION	389	389	389	389
MUMBAI DEMAND	3423	3521	2918	2359
STATE DEMAND MET	20692	21598	18933	18119
STATE DEMAND	20692	21598	18933	18119
Frequency (Hz)	49.98	50.02	49.93	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 13.02 Hrs	49.74 Hz at 21.08 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 29/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	3.64	106.47	160	145
Unit 8	11.37	282.64	560	395
Unit 9	10.96	259.50	490	396
Unit 10	2.96	103.33	335	0
Total	28.93	751.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	109.70	185	160
Unit 4	9.32	252.26	490	355
Unit 5	9.42	275.80	500	360
Total	22.74	637.77		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	159.90	250	198
Unit 7	5.35	158.05	252	191
Unit 8	4.35	58.78	212	140
Total	15.16	376.72		
Chandrapur				
Unit 3	1.87	124.12	167	0
Unit 4	4.38	120.79	192	160
Unit 5	9.41	287.43	420	355
Unit 6	0.00	224.17	0	0
Unit 7	9.60	40.87	424	360
Unit 8	9.09	262.02	416	346
Unit 9	9.18	277.13	422	322
Total	43.54	1336.52		
Paras				
Unit 3	4.65	144.58	210	182
Unit 4	4.70	148.71	211	182
Total	9.36	293.29		
Khaparkheda				
Unit 1	2.84	110.05	140	75
Unit 2	3.14	112.02	155	110
Unit 3	3.36	108.48	163	120
Unit 4	3.45	99.52	155	121
Unit 5	1.01	246.05	350	0
Total	13.79	676.12		
Nasik				
Unit 3	1.94	122.22	175	0
Unit 4	4.03	124.09	200	162
Unit 5	4.06	122.52	195	160
Total	10.02	368.83		
Uran				
All Units	9.11	274.01	439	271
Total	9.11	274.01		
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	4.76	23	0
Total	0.10	4.76		
Koyna				
Stage 1-2	1.48	46.84	405	40
Stage 4	0.00	15.43	0	0
Stage 3	0.17	14.49	80	0
Total	1.64	76.76		
Hydro				
KDPH	0.52	16.30	22	21
VTRNA	0.52	16.00	61	0
TILLARI	0.21	1.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	6.03	80	0
RNGR+BHTSA	0.26	8.03	11	10
BHANDARDRA	0.32	12.34	34	0
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.29	8.40	20	9
GHATGHAR	0.00	19.92	0	0
Total	2.36	90.24		
Wind				
Total	50.50	560.37	0	0
Total	50.50	560.37		
CPP				
APML(Mus)	36.45	1490.48	0	0
JSWEL(Mus)	20.17	593.45	0	0
VIPL(Mus)	10.51	364.82	0	0
RPLAMT(Mus)	13.43	445.68	0	0
WPCL(Mus)	1.72	67.31	0	0
Other(Mus)	5.80	169.27	0	0
Total	88.07	3131.01		
SOLAR				
Total	1.64	46.74	0	0
Total	1.64	46.74		
Tata				
Trombay 5	9.36	270.87	475	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	83.78	123	119
Trombay 7B	1.58	46.19	67	65
Trombay 8	5.29	153.94	241	201
TATA Hydro	6.14	113.06	459	0
Total	25.27	667.83		
R-INFRA				
DTPS U-1&2	9.57	295.73	506	388
Total	9.57	295.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.55	4441.20	MSPGCL Total	156.66	4882.21
			MSPGCL Thml+Gas	152.66	4715.20	Koyna 1,2 & 4 Total	1.48	62.27
			MSPGCL Hydro	4.00	167.00	State Total	331.71	9583.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5998	162	428	6588	1864	3786	0	0	5058	5127	-1415	15950	0	15950	2864	18814	50.01
2	6012	115	429	6556	1988	3680	0	0	5048	5110	-1254	16080	0	16080	2630	18710	50.02
3	6125	98	439	6662	1893	3638	0	0	5000	4849	-1317	15725	0	15725	2490	18215	50.01
4	5890	98	404	6392	1871	3518	0	0	4956	5250	-1271	15760	0	15760	2359	18119	50.02
5	5917	98	271	6286	1940	3422	0	0	4924	5445	-1203	15890	0	15890	2299	18189	50.01
6	5952	108	296	6356	2041	3419	0	0	5462	5648	-1220	16244	0	16244	2314	18558	50.07
7	5981	103	331	6415	1683	3405	0	7	5651	5976	-1179	16307	0	16307	2270	18577	50.00
8	6079	103	395	6577	1891	3430	0	49	5831	5778	-1276	16449	0	16449	2386	18835	50.07
9	5958	146	437	6541	2104	3421	0	106	5952	5655	-1402	16425	0	16425	2602	19027	50.06
10	5847	275	433	6555	1984	3403	0	160	5628	5485	-1658	15929	0	15929	3066	18995	50.00
11	5915	311	423	6649	1958	3517	0	191	6247	5963	-1835	16443	0	16443	3394	19837	49.99
12	5835	243	421	6499	1842	3555	0	225	6975	6880	-1732	17269	0	17269	3423	20692	49.98
13	5720	126	430	6276	1841	3535	0	238	7031	6984	-1734	17140	0	17140	3450	20590	49.98
14	5780	117	422	6319	1818	3484	0	206	6986	7199	-1672	17354	0	17354	3380	20734	49.97
15	5916	98	418	6432	1895	3530	0	180	7143	7307	-1699	17645	0	17645	3445	21090	49.92
16	6160	91	423	6674	2311	3540	0	133	7267	7197	-1778	18077	0	18077	3521	21598	50.02
17	5911	156	423	6490	2598	3621	0	100	6236	6473	-1746	17536	0	17536	3438	20974	50.03
18	5788	521	434	6743	2662	3822	0	37	4599	4936	-1685	16515	0	16515	3335	19850	50.01
19	5903	261	426	6590	2573	3995	0	6	3743	3891	-1425	15630	0	15630	3062	18692	50.01
20	6046	169	281	6496	2436	4031	0	0	4224	4154	-1386	15731	0	15731	3043	18774	49.94
21	6099	178	291	6568	2403	4091	0	0	4449	4223	-1401	15884	0	15884	3012	18896	49.94
22	6113	156	281	6550	2377	4097	0	0	4380	4448	-1457	16015	0	16015	2918	18933	49.93
23	6260	111	282	6653	2239	4141	0	0	4380	4794	-1508	16319	0	16319	2958	19277	49.93
24	6341	158	293	6792	2288	3990	0	0	4819	5246	-1605	16711	0	16711	3040	19751	49.95
MUs	143.55	4.00	9.11	156.66	50.50	88.07	0.00	1.64	131.99	134.02	-35.86	395.03	0.00	395.03	70.70	465.73	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 29/May/2017

Position as on 6.30 Hrs of 30/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	Adani U-4	660	21/05/2017	22.35	29/05/2017	15.45	Coal Shortage	
MSPGCL	Koradi Unit 10	660	22/05/2017	15.30	29/05/2017	08.22	Coal bunkering problem	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 5	500	26/05/2017	19.42	29/05/2017	19.46	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	28/05/2017	03.19		Continued.	Condenser Cooling water Pump Problem	
MSPGCL	Chandrapur Unit 3	210	28/05/2017	16.21	29/05/2017	09.50	Main Steam Line Leakage	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	Tripping of Tirora- Koradi 765 KV line	
MSPGCL	Uran Unit 6	108	29/05/2017	03.45	29/05/2017	05.11	Generator Protection Trip.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/05/2017	12.16	29/05/2017	14.31	water seal separator tank level high.	
MSPGCL	Uran Unit B0	120	29/05/2017	19.09		Continued.	i & c card problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/May/2017

Position as on 6.30 Hrs of 30/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 7	108	29/05/2017	19.09		Continued.	i & c card problem.	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	to gas formation in g.t.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2017

Statement-VII

Position as on 6.30 Hrs of 30/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 I	InterState	27/05/2017	18.24	29/05/2017	11.40	HT	Over Voltage
Dabhol Newkoyana li	InterState	29/05/2017	02.06		Continued.	T	Distance Protection
Dabhol Nagothane I	InterState	29/05/2017	02.08	29/05/2017	16.06	T	Distance Protection
Dhule Sar'Sarovar I	InterState	29/05/2017	21.19		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	30/05/2017	02.20	30/05/2017	03.12	T	Distance Protection
Ektuni-Bableswhar ckt II	IntraState	26/05/2017	16.37	30/05/2017	00.20	HT	To control Padgha-BBLSR L/L
Koradi III(Adani)-Korad II Ckt-I	IntraState	28/05/2017	18.03	29/05/2017	10.27	T	Distance Protection
Chandrapur-II - Nanded ckt I	IntraState	28/05/2017	19.55	29/05/2017	06.47	T	Distance Protection
Bhusawal-Aurangabad	IntraState	28/05/2017	22.40	29/05/2017	06.32	HT	Over Voltage
Nagothane - Dabhol I	IntraState	29/05/2017	02.08	29/05/2017	16.06	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	29/05/2017	11.19		Continued.	PO	testing of newly commissioned circuit breaker through protection & remotely.
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.
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 1 @Koaradi2	IntraState	28/05/2017	19.07	29/05/2017	00.14	T	On NDR.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	29/05/2017	05.45	29/05/2017	08.20	PO	To attend ct leakage.
400/21 KV 600MVA GT VI @ Chandrapur	IntraState	29/05/2017	14.25		Continued.	PO	opp.outage gt testing.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	30/05/2017	05.51		Continued.	PO	Maintenance Work.
220 KV LINE Outages/Trippings							
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.
Gadchandur - Grace	IntraState	29/05/2017	01.17	29/05/2017	11.54	HT	b ph wt hanging post insulator support collapsed.
Pophali - New Koyana	IntraState	29/05/2017	06.48		Continued.	PO	replacement of insulator string.
Paras-Chikhali Ckt No-I	IntraState	29/05/2017	06.50	29/05/2017	15.20	PO	stringing of 220kv balapur-malegaon dc line.
Paras-Chikhali Ckt No-II	IntraState	29/05/2017	06.50	29/05/2017	15.21	PO	stringing of 220kv balapur-malegaon dc line.
Uran - Apta IV	IntraState	29/05/2017	09.34	29/05/2017	17.53	PO	Insulator Replacement Work
Vita - Mhaishal	IntraState	29/05/2017	11.30	29/05/2017	14.45	PO	alignment of isolator.
Ghatghar - Bapgaon	IntraState	29/05/2017	14.24	29/05/2017	18.45	T	tree fall between loc 260-261.
Kanhan-Bhandara I	IntraState	29/05/2017	19.45	29/05/2017	20.15	T	y ph 1.93ka, at kanhan end only.
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 100 Mva Ict 1 @Tuljapur	IntraState	29/05/2017	08.52	29/05/2017	10.03	PO	premonsoon maintenance work.
220/132 Kv 100 Mva Vijai Ict 2 @Gadchiroli	IntraState	29/05/2017	09.30	29/05/2017	15.30	PO	lv side ph la replacement work.

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 29/May/2017

Statement-VII

Position as on 6.30 Hrs of 30/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	29/05/2017	10.30	29/05/2017	11.24	PO	premonsoon maintenance work.
132 KV LINE Outages/Trippings							
Chikhali-Buldana	IntraState	29/05/2017	04.50	29/05/2017	15.29	HT	in view of 220kv chikhali - paras ext. ckt 1 and 2 outage.
Chikhali-Khamgaon	IntraState	29/05/2017	05.01	29/05/2017	15.28	HT	in view of 220kv chikhali - paras ext. ckt 1 and 2 outage.
Malegaon-Mangrulpir	IntraState	29/05/2017	06.30	29/05/2017	16.15	HT	220kv chikhali - paras ext. ckt 1 and 2 outage.
Chikhali-Mehkar	IntraState	29/05/2017	06.45	29/05/2017	15.34	HT	in view of 220kv chikhali - paras ext. ckt 1 and 2 outage.

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