

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/May/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.303	4297.650	1) Gujrat	0.247	-58.361
2) Hydro	4.236	163.002	2) Madhya Pradesh	14.472	333.455
3) Gas	10.367	264.897	3) Chattisgarh	6.290	174.310
Total MSPGCL	149.906	4725.549	4) Maharashtra Net	115.338	3495.807
B) 1) APML	41.267	1454.032	5) Goa (Amona)	-0.704	-21.120
2) JSWEL	19.131	573.283	Total	135.643	3924.091
3) VIPL	11.651	354.312	a) Mumbai Schedule	23.856	692.371
4) RPL(AMT)	13.333	432.249	b) Mumbai Drawl	29.160	897.677
5) WPCL	1.721	65.584	c) MSEDCL Bilateral *	45.324	1169.602
6) PGPL	0.000	0.000	Include PX	13.515	207.851
7) Other IPP	5.907	163.479	d) Mumbai Bilateral *	23.856	692.371
C) 1) TPCL Thermal	13.894	410.153	Include PX	1.796	62.435
2) TPCL Hydro	1.592	106.916	Include Standby	0.000	0.000
3) TPCL Gas	4.471	125.492	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.274	286.160	1) MSEDCL	391.394	11349.877
D) STATE			2) Mumbai Discoms	59.391	1826.401
1) Thermal	252.481	8036.902	TOTAL STATE	450.785	13176.278
(A1+C1+C4+(B1-B6))					
2) Hydro	5.828	269.918			
(A2+C2)					
3) Gas	14.838	390.389			
(A3+B6+C3)					
4) Wind	40.348	509.870			
6) SOLAR	1.647	45.105			
TOTAL STATE	315.142	9252.184			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5736	6117	5581	5287
MSPGCL Hydro	229	78	142	98
MSPGCL Gas	425	430	426	440
MSPGCL Total Generation	6390	6625	6149	5825
Central Sector Receipt	7362	7319	4928	5433
WIND	1068	1260	1471	1812
CPP / IPP Thermal	3825	3903	3613	4120
CPP / IPP Gas	0	0	0	0
SOLAR	225	194	0	0
Exchange with Mumbai	-1226	-1378	-1394	-1142
MSEDCL DEMAND MET	17644	17923	14767	16048
Load Shedding	0	0	0	0
MSEDCL DEMAND	17644	17923	14767	16048
TPCL GENERATION	816	773	892	808
R-INFRA GENERATION	389	389	388	397
MUMBAI DEMAND	2431	2540	2674	2347
STATE DEMAND MET	20075	20463	17441	18395
STATE DEMAND	20075	20463	17441	18395
Frequency (Hz)	49.96	50.04	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.01 Hrs	49.85 Hz at 10.04 Hrs	50.02	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 28/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	102.83	160	143
Unit 8	9.96	271.27	496	364
Unit 9	11.77	248.54	577	350
Unit 10	0.00	100.37	0	0
Total	25.37	723.01		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	105.70	190	160
Unit 4	8.71	242.95	490	230
Unit 5	9.75	266.38	500	360
Total	22.50	615.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.67	154.44	250	195
Unit 7	5.64	152.70	256	198
Unit 8	2.56	54.42	207	0
Total	13.87	361.56		
Chandrapur				
Unit 3	2.96	122.25	191	52
Unit 4	4.44	116.40	196	168
Unit 5	9.53	278.01	425	335
Unit 6	1.44	224.17	432	171
Unit 7	9.14	31.27	413	352
Unit 8	3.92	252.93	355	56
Unit 9	6.69	267.95	450	25
Total	38.14	1292.98		
Paras				
Unit 3	4.82	139.93	210	190
Unit 4	4.76	144.01	203	193
Total	9.58	283.94		
Khaparkheda				
Unit 1	3.12	107.21	145	100
Unit 2	3.36	108.88	155	120
Unit 3	3.31	105.11	157	121
Unit 4	3.44	96.07	157	116
Unit 5	0.00	245.05	0	0
Total	13.23	662.33		
Nasik				
Unit 3	4.18	120.28	185	165
Unit 4	4.22	120.06	201	164
Unit 5	4.22	118.46	203	160
Total	12.61	358.80		
Uran				
All Units	10.37	264.90	453	422
Total	10.37	264.90		
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	4.66	0	0
Total	0.00	4.66		
Koyna				
Stage 1-2	1.23	45.37	205	35
Stage 4	0.00	15.43	0	0
Stage 3	0.21	14.32	80	0
Total	1.44	75.12		
Hydro				
KDPH	0.42	15.78	20	10
VTRNA	0.51	15.49	61	0
TILLARI	0.15	1.21	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	5.79	80	0
RNGR+BHTSA	0.29	7.77	12	12
BHANDARDRA	0.30	12.02	34	0
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.31	8.11	21	10
GHATGHAR	0.68	19.92	250	0
Total	2.79	87.88		
Wind				
Total	40.35	509.87	0	0
Total	40.35	509.87		
CPP				
APML(Mus)	41.27	1454.03	0	0
JSWEL(Mus)	19.13	573.28	0	0
VIPL(Mus)	11.65	354.31	0	0
RPLAMT(Mus)	13.33	432.25	0	0
WPCL(Mus)	1.72	65.58	0	0
Other(Mus)	5.91	163.48	0	0
Total	93.01	3042.94		
SOLAR				
Total	1.65	45.10	0	0
Total	1.65	45.10		
Tata				
Trombay 5	8.66	261.50	462	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	80.89	122	117
Trombay 7B	1.58	44.61	67	64
Trombay 8	5.23	148.65	243	203
TATA Hydro	1.59	106.92	196	5
Total	19.96	642.56		
R-INFRA				
DTPS U-1&2	10.27	286.16	508	388
Total	10.27	286.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.30	4297.65	MSPGCL Total	149.91	4725.55
			MSPGCL Thml+Gas	145.67	4562.55	Koyna 1,2 & 4 Total	1.23	60.80
			MSPGCL Hydro	4.24	163.00	State Total	315.14	9252.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5952	208	430	6590	1702	4308	0	0	5358	5484	-1288	16796	0	16796	2794	19590	49.97
2	5666	208	441	6315	1642	4211	0	0	5324	5523	-1242	16449	0	16449	2656	19105	49.98
3	5554	83	438	6075	1884	4181	0	0	5243	5510	-1145	16505	0	16505	2444	18949	49.98
4	5287	98	440	5825	1812	4120	0	0	5223	5433	-1142	16048	0	16048	2347	18395	50.00
5	5201	118	431	5750	1665	4121	0	0	5238	5558	-927	16167	0	16167	2311	18478	49.98
6	5278	357	431	6066	1676	4126	0	0	5693	5599	-918	16549	0	16549	2305	18854	50.06
7	5486	268	443	6197	1674	4049	0	7	5818	5634	-833	16728	0	16728	2210	18938	50.09
8	5457	113	453	6023	1624	4029	0	44	5972	5547	-846	16421	0	16421	2167	18588	50.10
9	5271	141	428	5840	1716	3914	0	105	5910	5842	-1055	16362	0	16362	2185	18547	50.12
10	5281	207	425	5913	1531	3800	0	162	5468	5361	-1161	15606	0	15606	2284	17890	49.98
11	5540	419	433	6392	1134	3813	0	182	5752	6116	-1143	16494	0	16494	2347	18841	49.95
12	5736	229	425	6390	1068	3825	0	225	6986	7362	-1226	17644	0	17644	2431	20075	49.96
13	5889	141	422	6452	999	3829	0	225	7021	7096	-1364	17237	0	17237	2524	19761	50.02
14	6079	98	422	6599	1055	3851	0	208	7000	7057	-1329	17441	0	17441	2460	19901	50.04
15	6117	78	430	6625	1260	3903	0	194	6964	7319	-1378	17923	0	17923	2540	20463	50.04
16	6117	82	432	6631	1476	3914	0	151	7074	6914	-1436	17650	0	17650	2602	20252	50.03
17	5781	95	424	6300	1841	3830	0	100	6838	6602	-1400	17273	0	17273	2566	19839	50.01
18	5634	141	425	6200	2442	3818	0	41	5075	4863	-1226	16138	0	16138	2403	18541	50.08
19	5652	182	427	6261	2121	3461	0	3	4083	3748	-1261	14333	0	14333	2391	16724	50.07
20	5441	193	436	6070	2061	3406	0	0	4192	4153	-1261	14429	0	14429	2483	16912	49.95
21	5432	253	428	6113	2318	3497	0	0	4298	4246	-1378	14796	0	14796	2606	17402	50.00
22	5581	142	426	6149	1471	3613	0	0	4207	4928	-1394	14767	0	14767	2674	17441	49.97
23	5917	215	450	6582	2109	3662	0	0	4390	4786	-1346	15793	0	15793	2769	18562	50.02
24	5954	167	427	6548	2067	3732	0	0	4899	4965	-1461	15851	0	15851	2892	18743	50.00
MUs	135.30	4.24	10.37	149.91	40.35	93.01	0.00	1.65	134.03	135.65	-29.16	391.40	0.00	391.40	59.39	450.79	50.02

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 28/May/2017

Position as on 6.30 Hrs of 29/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	Adani U-4	660	21/05/2017	22.35		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 10	660	22/05/2017	15.30		Continued.	Coal bunkering problem	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
MSPGCL	Parli Unit 8	250	24/05/2017	22.54	28/05/2017	01.41	Condenser vacuum low.	
MSPGCL	Khaparkheda Unit 5	500	26/05/2017	19.42		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	28/05/2017	00.22	28/05/2017	11.26	ID Fan Tripped	
MSPGCL	Chandrapur Unit 9	500	28/05/2017	00.35	28/05/2017	05.57	Drum level low	
MSPGCL	Parli Unit 8	250	28/05/2017	02.44	28/05/2017	08.50	Low Vaccum	
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		Continued.	Main Steam Line Leakage	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	Tripping of Tirora- Koradi 765 KV line	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/May/2017

Position as on 6.30 Hrs of 29/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 6	108	29/05/2017	03.45	29/05/2017	05.11	Generator Protection Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/May/2017

Statement-VII

Position as on 6.30 Hrs of 29/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	28/05/2017	18.09	28/05/2017	19.28	T	Distance Protection
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		Continued.	HT	Over Voltage
Dabhol Newkoyna li	InterState	28/05/2017	07.01	28/05/2017	23.15	PO	Insulator String Replacement Work.
Koradi Bhilai	InterState	28/05/2017	18.34	28/05/2017	19.42	T	Distance Protection
Dabhol Newkoyna li	InterState	29/05/2017	02.06		Continued.	T	Distance Protection
Dabhol Nagothane I	InterState	29/05/2017	02.08		Continued.	T	Distance Protection
Ektuni-Bableswhar ckt II	IntraState	26/05/2017	16.37		Continued.	HT	To control Padgha-BBLSR L/L
Chandrapur-II - Nanded ckt II	IntraState	27/05/2017	17.59	28/05/2017	21.07	T	Distance Protection
Bhusawal-Aurangabad	IntraState	27/05/2017	17.59	28/05/2017	11.28	HT	Over Voltage
Chandrapur - Parli	IntraState	28/05/2017	14.16	28/05/2017	20.02	PO	Safety Purpose 3273 To Remove Earth Wire From 400kv Chandrapur-2-Nanded Ckt-2
Koradi III(Adani)-Korad II Ckt-I	IntraState	28/05/2017	18.03		Continued.	T	Distance Protection
Warora-Adani (Tiroda) 2	IntraState	28/05/2017	18.40	28/05/2017	19.32	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
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 315MVA ICT-III @ Kharghar	IntraState	28/05/2017	03.54	28/05/2017	15.04	PO	For commissioning of new 50 MVA TF - 3.
400/220KV 500MVA ICT 1 @Koradi2	IntraState	28/05/2017	19.07	29/05/2017	00.14	T	On NDR.
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.
Main Bus-II @ Kharghar	IntraState	27/05/2017	21.00	28/05/2017	00.24	PO	For commissioning of new 50 MVA TF - 3.
Miraj - Mhaishal	IntraState	27/05/2017	23.37	28/05/2017	06.05	T	Distance Protection
Vita - Mhaishal	IntraState	27/05/2017	23.37	28/05/2017	01.45	T	Distance Protection
Kharghar-Borivali ckt I	IntraState	28/05/2017	02.48	28/05/2017	16.27	PO	to control load on ICT.
Kharghar-Borivali ckt II	IntraState	28/05/2017	02.54	28/05/2017	16.28	PO	To control load on ICT.
Sonkhar - Trombay	IntraState	28/05/2017	03.51	28/05/2017	17.00	PO	To control load on ICT.
BUS A @Kharghar	IntraState	28/05/2017	04.15	28/05/2017	14.49	PO	For commissioning of new 50 MVA TF - 3.
Talandage(400kv) - Five Star Midc	IntraState	28/05/2017	08.30	28/05/2017	11.49	PO	Maintenance Work.
Satana-Gangapur	IntraState	28/05/2017	12.40	28/05/2017	17.45	PO	Work @ Suzlon End.
Koradi II - Kawlewada	IntraState	28/05/2017	18.03	28/05/2017	23.04	T	B Phase Z-I,Z-II.
Ambazari-Amravati	IntraState	28/05/2017	18.14	28/05/2017	18.25	T	Distance Protection
Koradi-Khaperkheda	IntraState	28/05/2017	19.07	28/05/2017	21.24	T	PDR Optd,B Ph.
Wani-Warora	IntraState	28/05/2017	20.47	28/05/2017	21.35	T	Distance Protection
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 28/May/2017

Statement-VII

Position as on 6.30 Hrs of 29/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)
132 KV LINE Outages/Trippings							
Nanded - Jangamwadi II	IntraState	28/05/2017	01.10	28/05/2017	01.33	T	Over Current Protection
Waghala -Nanded-I(Jangamwadi)	IntraState	28/05/2017	01.10	28/05/2017	01.00	T	Over Current Protection
Nanded - Jangamwadi II	IntraState	28/05/2017	03.16	28/05/2017	03.35	T	Tripped on E/F Fault.
Waghala -Nanded-I(Jangamwadi)	IntraState	28/05/2017	03.16	28/05/2017	03.35	T	Tripped on E/F Fault.