

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/May/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.476	445.002	1) Gujrat	-4.020	-11.641
2) Hydro	4.863	16.186	2) Madhya Pradesh	5.789	25.662
3) Gas	10.529	21.062	3) Chattisgarh	5.520	18.210
Total MSPGCL	166.868	482.250	4) Maharashtra Net	136.621	399.406
B) 1) APML	57.182	154.696	5) Goa (Amona)	-0.814	-2.178
2) JSWEL	23.994	65.691	Total	143.096	429.459
3) VIPL	14.227	42.126	a) Mumbai Schedule	25.430	70.316
4) RPL(AMT)	13.777	38.612	b) Mumbai Drawl	28.414	79.378
5) WPCL	2.843	8.130	c) MSEDCL Bilateral *	43.898	124.258
6) PGPL	0.000	0.000	Include PX	15.473	57.997
7) Other IPP	3.048	8.533	d) Mumbai Bilateral *	25.430	70.316
C) 1) TPCL Thermal	16.856	47.967	Include PX	1.053	2.156
2) TPCL Hydro	4.456	10.068	Include Standby	0.000	0.000
3) TPCL Gas	4.505	13.517	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.602	34.841	1) MSEDCL	408.658	1187.537
D) STATE			2) Mumbai Discoms	65.833	185.771
1) Thermal	295.005	845.598	TOTAL STATE	474.491	1373.308
(A1+C1+C4+(B1-B6))					
2) Hydro	9.319	26.254			
(A2+C2)					
3) Gas	15.034	34.579			
(A3+B6+C3)					
4) Wind	10.433	32.560			
6) SOLAR	1.604	4.858			
TOTAL STATE	331.395	943.849			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6226	6427	6583	6043
MSPGCL Hydro	272	118	227	374
MSPGCL Gas	429	425	438	446
MSPGCL Total Generation	6927	6970	7248	6863
Central Sector Receipt	6952	6581	5266	5493
WIND	132	421	638	660
CPP / IPP Thermal	4764	5033	5231	4425
CPP / IPP Gas	0	0	0	0
SOLAR	189	137	0	0
Exchange with Mumbai	-1408	-1473	-1391	-750
MSEDCL DEMAND MET	17556	17669	16992	16691
Load Shedding	646	953	0	119
MSEDCL DEMAND	18202	18622	16992	16810
TPCL GENERATION	1300	1344	1055	923
R-INFRA GENERATION	495	498	447	504
MUMBAI DEMAND	3203	3315	2893	2177
STATE DEMAND MET	20759	20984	19885	18868
STATE DEMAND	21405	21937	19885	18987
Frequency (Hz)	49.86	49.91	49.93	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.32 Hrs	49.63 Hz at 14.20 Hrs	49.87	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 03/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	3.84	11.36	165	148
Unit 8	11.66	32.90	586	369
Unit 9	12.88	32.09	612	433
Unit 10	0.05	20.99	50	0
Total	28.43	97.35		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	11.86	170	160
Unit 4	8.66	26.08	365	360
Unit 5	8.70	26.27	370	360
Total	21.30	64.21		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.95	17.56	250	230
Unit 7	5.74	17.06	248	202
Unit 8	0.00	0.00	0	0
Total	11.69	34.62		
Chandrapur				
Unit 3	4.35	13.09	187	178
Unit 4	2.24	2.24	194	0
Unit 5	10.42	31.51	450	415
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.44	28.64	467	343
Unit 9	10.13	29.42	472	377
Total	36.58	104.89		
Paras				
Unit 3	5.54	7.85	255	193
Unit 4	5.84	10.28	250	235
Total	11.38	18.14		
Khaparkheda				
Unit 1	4.18	12.59	195	160
Unit 2	3.94	12.18	185	150
Unit 3	4.64	13.77	200	165
Unit 4	4.22	12.90	190	163
Unit 5	11.28	33.48	550	410
Total	28.25	84.93		
Nasik				
Unit 3	4.60	13.62	200	175
Unit 4	4.68	13.68	204	170
Unit 5	4.59	13.56	204	166
Total	13.87	40.86		
Uran				
All Units	10.53	21.06	457	419
Total	10.53	21.06		
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)	0.01	0.20	11	0
Total	0.01	0.20		
Koyna				
Stage 1-2	1.04	3.18	60	40
Stage 4	0.00	0.60	0	0
Stage 3	0.00	0.96	0	0
Total	1.04	4.74		
Hydro				
KDPH	0.62	1.86	26	25
VTRNA	0.55	1.83	61	0
TILLARI	0.11	0.38	57	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.37	40	0
RNGR+BHTSA	0.37	1.03	16	15
BHANDARDRA	0.46	1.36	36	10
ELDARY	0.23	0.70	10	9
SMLHY_PTN	0.45	1.33	26	16
GHATGHAR	0.82	2.58	250	0
Total	3.82	11.45		
Wind				
Total	10.43	32.56	0	0
Total	10.43	32.56		
CPP				
APML(Mus)	57.18	154.70	0	0
JSWEL(Mus)	23.99	65.69	0	0
VIPL(Mus)	14.23	42.13	0	0
RPLAMT(Mus)	13.78	38.61	0	0
WPCL(Mus)	2.84	8.13	0	0
Other(Mus)	3.05	8.53	0	0
Total	115.07	317.79		
SOLAR				
Total	1.60	4.86	0	0
Total	1.60	4.86		
Tata				
Trombay 5	11.15	31.42	494	335
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	8.72	122	118
Trombay 7B	1.60	4.80	68	66
Trombay 8	5.71	16.54	249	199
TATA Hydro	4.46	10.07	426	0
Total	25.82	71.55		
R-INFRA				
DTPS U-1&2	11.60	34.84	508	389
Total	11.60	34.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.48	445.00	MSPGCL Total	166.87	482.25
			MSPGCL Thml+Gas	162.00	466.06	Koyna 1,2 & 4 Total	1.04	3.78
			MSPGCL Hydro	4.86	16.19	State Total	331.40	943.85

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	6039	268	446	6753	563	4528	0	0	5512	5751	-1041	16554	110	16664	2573	19237	49.77
2	6008	313	448	6769	594	4419	0	0	5444	5647	-871	16558	118	16676	2324	19000	49.84
3	6043	374	446	6863	660	4425	0	0	5596	5493	-750	16691	119	16810	2177	18987	49.85
4	6046	369	448	6863	668	4397	0	0	5546	5691	-658	16961	120	17081	2090	19171	49.88
5	6070	143	456	6669	550	4435	0	0	5537	5947	-587	17014	137	17151	2017	19168	49.78
6	6123	144	451	6718	481	4376	0	0	5890	5736	-642	16669	259	16928	2062	18990	49.92
7	6175	164	447	6786	485	4355	0	5	6240	5582	-633	16580	405	16985	2060	19045	49.97
8	6200	153	449	6802	324	4402	0	45	6529	6410	-821	17162	249	17411	2251	19662	49.90
9	6229	185	457	6871	183	4432	0	99	6692	7285	-948	17922	201	18123	2395	20518	49.83
10	6226	258	440	6924	158	4406	0	159	6526	6776	-1231	17192	535	17727	2887	20614	49.85
11	6226	272	429	6927	132	4764	0	189	6619	6952	-1408	17556	646	18202	3203	21405	49.86
12	6302	176	419	6897	89	4906	0	224	6783	6141	-1486	16771	907	17678	3307	20985	49.81
13	6375	135	424	6934	86	5006	0	224	6772	6276	-1603	16923	877	17800	3316	21116	49.81
14	6462	123	433	7018	146	5004	0	201	6769	6348	-1524	17193	884	18077	3239	21316	49.87
15	6475	123	423	7021	230	4994	0	175	6698	6768	-1474	17714	740	18454	3281	21735	49.79
16	6427	118	425	6970	421	5033	0	137	6450	6581	-1473	17669	953	18622	3315	21937	49.91
17	6460	142	430	7032	406	5054	0	100	6415	6056	-1460	17188	446	17634	3282	20916	49.87
18	6391	147	431	6969	562	5009	0	44	6149	5687	-1409	16862	4	16866	3153	20019	49.96
19	6381	229	439	7049	821	5075	0	2	5844	5484	-1475	16956	2	16958	2864	19822	49.94
20	6407	252	446	7105	854	5113	0	0	5473	5087	-1375	16784	0	16784	2888	19672	49.87
21	6583	227	438	7248	638	5231	0	0	5382	5266	-1391	16992	0	16992	2893	19885	49.93
22	6480	188	443	7111	564	5173	0	0	5382	5273	-1367	16754	0	16754	2717	19471	49.86
23	6675	177	428	7280	463	5254	0	0	5335	5553	-1456	17094	0	17094	2717	19811	49.85
24	6673	183	433	7289	355	5280	0	0	5290	5306	-1331	16899	0	16899	2822	19721	49.87
MUs	151.48	4.86	10.53	166.87	10.43	115.07	0.00	1.60	144.87	143.10	-28.41	408.66	7.71	416.37	65.83	482.20	49.87

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 03/May/2017

Position as on 6.30 Hrs of 04/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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30	03/05/2017	18.12	Coal Shortage	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31		Continued.	Air heater problem	
MSPGCL	Chandrapur Unit 4	210	30/04/2017	16.39	03/05/2017	07.30	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	04/05/2017	00.50	04/05/2017	02.53	over excitation protection.	
MSPGCL	Khaparkheda Unit 2	210	04/05/2017	01.42	04/05/2017	05.54	Generator over frequency.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/May/2017

Position as on 6.30 Hrs of 04/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	04/05/2017	06.32		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2017

Statement-VII

Position as on 6.30 Hrs of 04/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							
Dhule Sar'Sarovar I	InterState	29/04/2017	20.17	03/05/2017	08.11	HT	Over Voltage
Dabhol Newkoyna li	InterState	02/05/2017	06.02	03/05/2017	10.27	T	Distance Protection
Karad Solapur (PG)	InterState	03/05/2017	11.49	03/05/2017	20.05	PO	conversion of 220kv jeur ss to mitigate low voltage problem.
Lamboti - Solapur (PG)	InterState	03/05/2017	12.16	03/05/2017	17.49	PO	conversion of 220kv jeur ss to mitigate low voltage problem.
Dhule Sar'Sarovar II	InterState	04/05/2017	02.09	04/05/2017	06.21	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	29/04/2017	08.42		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	03/05/2017	04.09	03/05/2017	11.11	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	03/05/2017	05.13	03/05/2017	18.03	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26		Continued.	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	04/05/2017	02.24		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220KV 500MVA ICT1@koradi 2	IntraState	04/05/2017	01.53		Continued.	T	NDR Operated
220 KV LINE Outages/Trippings							
Badnera - Deoli (PG)	InterState	02/05/2017	23.52	03/05/2017	07.12	HT	to control over drawl.
Badnera - Deoli (PG)	InterState	03/05/2017	08.39	03/05/2017	11.26	HT	to control over drawl.
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.
Abhijeet-Wardha-I	IntraState	03/05/2017	07.02	03/05/2017	15.30	PO	Measurment of Tan Delta of CT
Abhijeet-Wardha-II	IntraState	03/05/2017	07.03	03/05/2017	15.30	PO	Measurment of Tan Delta of CT
K'Kheda- Suryalakshmi	IntraState	03/05/2017	09.51	03/05/2017	13.00	PO	replacement of damage disc.
Padegaon-Sawangi	IntraState	03/05/2017	10.45	03/05/2017	12.40	PO	replacement of broken u bolt.
Parli 2-(Girwali) -Murud	IntraState	03/05/2017	18.07	03/05/2017	21.34	EO	Attending Hot Spot
Karad - Vita Ckt- I	IntraState	04/05/2017	03.12	04/05/2017	03.46	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Khadka-Deepnagar Ckt-1	IntraState	03/05/2017	08.55	03/05/2017	12.56	PO	jumper tightening work.
Ambazari-Hingna 2	IntraState	03/05/2017	12.00	03/05/2017	13.00	PO	replacement of air pressure meter of breaker.
Solapur II(Bale)-Naldurg	IntraState	03/05/2017	18.45	03/05/2017	18.52	T	Distance Protection

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