

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/May/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.411	2595.595	1) Gujrat	0.044	-38.010
2) Hydro	5.225	77.805	2) Madhya Pradesh	13.905	205.011
3) Gas	10.415	150.692	3) Chattisgarh	6.410	106.250
Total MSPGCL	171.051	2824.092	4) Maharashtra Net	132.646	2145.605
B) 1) APML	46.808	943.189	5) Goa (Amona)	-0.660	-13.134
2) JSWEL	17.584	344.694	Total	152.345	2405.722
3) VIPL	12.750	215.456	a) Mumbai Schedule	26.018	414.166
4) RPL(AMT)	15.430	259.428	b) Mumbai Drawl	32.109	541.627
5) WPCL	2.609	41.753	c) MSEDCL Bilateral *	44.412	694.300
6) PGPL	0.000	0.000	Include PX	4.280	136.938
7) Other IPP	6.133	93.298	d) Mumbai Bilateral *	26.018	414.166
C) 1) TPCL Thermal	15.890	251.486	Include PX	3.595	37.048
2) TPCL Hydro	4.770	58.949	Include Standby	0.000	0.000
3) TPCL Gas	4.494	76.467	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.021	170.182	1) MSEDCL	412.826	6851.977
D) STATE			2) Mumbai Discoms	68.284	1098.706
1) Thermal	283.636	4915.081	TOTAL STATE	481.110	7950.683
(A1+C1+C4+(B1-B6))					
2) Hydro	9.995	136.754			
(A2+C2)					
3) Gas	14.909	227.159			
(A3+B6+C3)					
4) Wind	18.669	238.784			
6) SOLAR	1.556	27.188			
TOTAL STATE	328.765	5544.966			

* 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 1 Hrs
MSPGCL Thermal	6504	6775	6803	5811
MSPGCL Hydro	397	364	206	229
MSPGCL Gas	422	421	431	444
MSPGCL Total Generation	7323	7560	7440	6484
Central Sector Receipt	7591	7455	5977	5413
WIND	467	769	965	647
CPP / IPP Thermal	4305	4415	4156	4179
CPP / IPP Gas	0	0	0	0
SOLAR	229	136	0	0
Exchange with Mumbai	-1473	-1576	-1622	-1443
MSEDCL DEMAND MET	18442	18759	16916	15280
Load Shedding	0	0	0	0
MSEDCL DEMAND	18442	18759	16916	15280
TPCL GENERATION	1371	1324	931	888
R-INFRA GENERATION	488	492	389	391
MUMBAI DEMAND	3332	3392	2942	2722
STATE DEMAND MET	21774	22151	19858	18002
STATE DEMAND	21774	22151	19858	18002
Frequency (Hz)	49.98	49.95	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.04 Hrs	49.81 Hz at 05.24 Hrs	49.97	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 17/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	3.51	63.18	155	135
Unit 8	8.53	163.64	521	80
Unit 9	0.00	147.70	0	0
Unit 10	6.72	67.28	349	220
Total	18.76	441.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	60.48	170	160
Unit 4	10.78	159.51	490	370
Unit 5	10.84	160.65	490	360
Total	25.64	380.64		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.76	92.90	250	195
Unit 7	5.65	91.40	253	194
Unit 8	4.22	23.70	232	71
Total	15.62	208.00		
Chandrapur				
Unit 3	4.48	74.45	191	166
Unit 4	4.64	65.92	197	170
Unit 5	10.10	169.63	435	380
Unit 6	10.32	120.40	445	365
Unit 7	0.00	0.00	0	0
Unit 8	8.87	158.26	435	321
Unit 9	9.32	166.25	464	320
Total	47.74	754.92		
Paras				
Unit 3	5.95	84.59	256	215
Unit 4	5.88	86.86	250	199
Total	11.84	171.45		
Khaparkheda				
Unit 1	3.99	67.70	180	145
Unit 2	4.13	67.25	180	145
Unit 3	4.40	70.52	200	160
Unit 4	0.03	59.90	33	0
Unit 5	10.18	155.22	493	365
Total	22.73	420.58		
Nasik				
Unit 3	4.36	73.38	195	165
Unit 4	4.38	73.16	204	160
Unit 5	4.36	71.69	200	162
Total	13.10	218.22		
Uran				
All Units	10.42	150.69	456	420
Total	10.42	150.69		
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)	0.15	4.24	21	0
Total	0.15	4.24		
Koyna				
Stage 1-2	1.99	18.26	340	40
Stage 4	0.00	0.82	0	0
Stage 3	0.23	4.68	80	0
Total	2.22	23.76		
Hydro				
KDPH	0.58	9.74	24	24
VTRNA	0.33	9.70	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	2.95	80	0
RNGR+BHTSA	0.31	4.23	13	13
BHANDARDRA	0.49	7.63	47	9
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.34	4.95	22	11
GHATGHAR	0.66	12.40	125	0
Total	3.00	54.05		
Wind				
Total	18.67	238.78	0	0
Total	18.67	238.78		
CPP				
APML(Mus)	46.81	943.19	0	0
JSWEL(Mus)	17.58	344.69	0	0
VIPL(Mus)	12.75	215.46	0	0
RPLAMT(Mus)	15.43	259.43	0	0
WPCL(Mus)	2.61	41.75	0	0
Other(Mus)	6.13	93.30	0	0
Total	101.31	1897.82		
SOLAR				
Total	1.56	27.19	0	0
Total	1.56	27.19		
Tata				
Trombay 5	10.43	161.50	493	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	49.24	122	118
Trombay 7B	1.60	27.23	67	65
Trombay 8	5.46	89.99	241	200
TATA Hydro	4.77	58.95	459	0
Total	25.15	386.90		
R-INFRA				
DTPS U-1&2	11.02	170.18	508	388
Total	11.02	170.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.41	2595.60	MSPGCL Total	171.05	2824.09
			MSPGCL Thml+Gas	165.83	2746.29	Koyna 1,2 & 4 Total	1.99	19.08
			MSPGCL Hydro	5.22	77.80	State Total	328.76	5544.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5811	229	444	6484	647	4179	0	0	5625	5413	-1443	15280	0	15280	2722	18002	49.98
2	5826	229	443	6498	603	4101	0	0	5526	5867	-1261	15808	0	15808	2539	18347	49.95
3	6160	224	433	6817	634	4189	0	0	5440	5864	-1042	16462	0	16462	2383	18845	49.93
4	6321	234	454	7009	755	4285	0	0	5359	5641	-882	16808	0	16808	2258	19066	49.98
5	6366	129	435	6930	877	4323	0	0	5333	5615	-799	16946	0	16946	2219	19165	49.96
6	6451	136	446	7033	883	4294	0	0	5823	5849	-841	17218	0	17218	2228	19446	49.94
7	6509	136	437	7082	923	4147	0	11	6017	6117	-778	17502	0	17502	2191	19693	49.99
8	6529	141	456	7126	743	4119	0	40	6437	6258	-837	17449	0	17449	2254	19703	50.05
9	6631	129	432	7192	661	4109	0	87	6581	6811	-1119	17741	0	17741	2604	20345	49.99
10	6665	215	428	7308	519	4104	0	145	6344	6604	-1274	17406	0	17406	3036	20442	49.96
11	6635	224	426	7285	508	4117	0	179	6687	6885	-1343	17631	0	17631	3185	20816	49.98
12	6504	397	422	7323	467	4305	0	229	7269	7591	-1473	18442	0	18442	3332	21774	49.98
13	6467	443	431	7341	483	4336	0	212	7285	7389	-1509	18252	0	18252	3343	21595	49.95
14	6599	159	430	7188	539	4416	0	207	7158	7519	-1502	18367	0	18367	3272	21639	49.95
15	6685	183	420	7288	654	4416	0	181	7195	7357	-1524	18372	0	18372	3354	21726	49.93
16	6775	364	421	7560	769	4415	0	136	7211	7455	-1576	18759	0	18759	3392	22151	49.95
17	6788	229	424	7441	908	4434	0	90	7072	7207	-1502	18578	0	18578	3330	21908	49.97
18	6578	182	426	7186	1161	4166	0	36	6426	6460	-1609	17400	0	17400	3197	20597	50.02
19	6058	242	428	6728	1294	4067	0	3	5842	5396	-1608	15880	0	15880	2978	18858	50.03
20	6251	316	438	7005	1183	4163	0	0	5875	5842	-1567	16626	0	16626	2973	19599	49.91
21	6803	206	431	7440	965	4156	0	0	5934	5977	-1622	16916	0	16916	2942	19858	49.98
22	6769	196	428	7393	817	4154	0	0	5915	5955	-1632	16687	0	16687	2832	19519	49.96
23	6648	175	441	7264	796	4154	0	0	5923	5837	-1644	16407	0	16407	2844	19251	49.95
24	6582	107	441	7130	880	4162	0	0	5624	5437	-1722	15887	0	15887	2876	18763	49.94
MUs	155.41	5.23	10.41	171.05	18.67	101.31	0.00	1.56	149.90	152.35	-32.11	412.83	0.00	412.83	68.28	481.11	49.97

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 17/May/2017

Position as on 6.30 Hrs of 18/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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	JSW (J) U2	300	11/05/2017	05.35		Continued.	No Schedule.	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 9	660	16/05/2017	10.10		Continued.	Flame Failure	
MSPGCL	Khaparkheda Unit 4	210	17/05/2017	00.17		Continued.	HP Turbine Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2017

Statement-VII

Position as on 6.30 Hrs of 18/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	17/05/2017	00.01	17/05/2017	10.00	EO	Insulator Replacement Work
Chandrapur - Padghe Hvdc Pole 2	IntraState	18/05/2017	00.01	18/05/2017	05.07	PO	Line Maintenance 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
Dhule Sar'Sarovar II	InterState	16/05/2017	19.14	17/05/2017	09.46	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	17/05/2017	11.08	17/05/2017	18.14	PO	AMP Work @ Aurangabad.
Dhule Sar'Sarovar II	InterState	17/05/2017	18.03		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Main Bus @ Taptitanda	IntraState	16/05/2017	11.37	17/05/2017	00.14	PO	extension of 400kv main bus1 for 400/220kv 500mva ict 2, charging of 400kv tie bay.
Khadka-Aurangabad (Waluj)	IntraState	16/05/2017	19.04	17/05/2017	08.32	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	17/05/2017	06.00	17/05/2017	17.53	PO	Routine Maintenance Work
Jaigad-New Koyna Ckt-II	IntraState	17/05/2017	10.38	17/05/2017	18.05	PO	Cold Line Washing.
Chandrapur II- Warora ckt II	IntraState	17/05/2017	10.43	17/05/2017	19.39	EO	Line Maintenance work
Bhusawal-Aurangabad	IntraState	17/05/2017	18.34	18/05/2017	06.25	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	17/05/2017	06.00	17/05/2017	18.05	HT	No Schedule.
Talandge Chikodi	InterState	17/05/2017	06.00	17/05/2017	18.05	HT	No Schedule.
Nasik Navsari I	InterState	18/05/2017	00.48	18/05/2017	02.39	HT	Over Loading of Bus Coupler.
Talandage - Chikodi	InterState	18/05/2017	06.00		Continued.	HT	No Schedule.
Mudshingi - Chikodi	InterState	18/05/2017	06.00		Continued.	HT	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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Pophali - New Koyna	IntraState	16/05/2017	06.18	17/05/2017	15.20	PO	conductor and insulator replacement.
Nashik-Airoli Knowledge Park	IntraState	17/05/2017	06.18	17/05/2017	18.15	T	Distance Protection
Malinagar - Tembhurni	IntraState	17/05/2017	10.55	17/05/2017	15.55	PO	Conductor Bhunching Work.
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)

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