

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.784	2290.838	1) Gujrat	-1.210	-38.860
2) Hydro	4.336	66.592	2) Madhya Pradesh	11.315	175.408
3) Gas	10.427	129.854	3) Chattisgarh	5.850	94.050
Total MSPGCL	162.547	2487.284	4) Maharashtra Net	125.627	1888.587
B) 1) APML	48.039	848.702	5) Goa (Amona)	-0.616	-11.858
2) JSWEL	17.039	307.816	Total	140.966	2107.327
3) VIPL	13.185	188.939	a) Mumbai Schedule	26.432	361.196
4) RPL(AMT)	16.469	225.792	b) Mumbai Drawl	33.695	477.690
5) WPCL	2.245	36.495	c) MSEDCL Bilateral *	35.086	611.041
6) PGPL	0.000	0.000	Include PX	0.000	133.278
7) Other IPP	6.563	81.030	d) Mumbai Bilateral *	26.432	361.196
C) 1) TPCL Thermal	14.443	219.909	Include PX	4.008	30.881
2) TPCL Hydro	4.795	49.436	Include Standby	0.000	0.000
3) TPCL Gas	4.503	67.477	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.008	147.931	1) MSEDCL	402.534	6030.307
D) STATE			2) Mumbai Discoms	67.444	962.437
1) Thermal	275.775	4347.452	TOTAL STATE	469.978	6992.744
(A1+C1+C4+(B1-B6))					
2) Hydro	9.131	116.028			
(A2+C2)					
3) Gas	14.930	197.331			
(A3+B6+C3)					
4) Wind	27.608	200.634			
6) SOLAR	1.568	23.978			
TOTAL STATE	329.012	4885.423			

* 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 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6180	6222	6037	6215
MSPGCL Hydro	379	202	354	100
MSPGCL Gas	423	422	430	432
MSPGCL Total Generation	6982	6846	6821	6747
Central Sector Receipt	6681	7169	5568	4693
WIND	1224	1291	1263	1076
CPP / IPP Thermal	4444	4213	4284	4200
CPP / IPP Gas	0	0	0	0
SOLAR	234	168	0	0
Exchange with Mumbai	-1616	-1608	-1519	-1601
MSEDCL DEMAND MET	17949	18079	16417	15115
Load Shedding	0	0	0	0
MSEDCL DEMAND	17949	18079	16417	15115
TPCL GENERATION	1333	1334	1007	691
R-INFRA GENERATION	388	387	417	389
MUMBAI DEMAND	3337	3329	2943	2681
STATE DEMAND MET	21286	21408	19360	17796
STATE DEMAND	21286	21408	19360	17796
Frequency (Hz)	49.99	49.93	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.01 Hrs	49.75 Hz at 14.40 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 15/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	3.80	55.84	160	155
Unit 8	3.89	153.49	175	150
Unit 9	3.50	146.79	171	113
Unit 10	2.96	57.67	230	69
Total	14.14	413.78		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	52.43	170	160
Unit 4	11.10	138.85	505	360
Unit 5	10.94	139.69	505	360
Total	26.06	330.97		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.73	81.30	250	191
Unit 7	5.66	79.93	248	194
Unit 8	4.76	14.49	216	181
Total	16.16	175.72		
Chandrapur				
Unit 3	4.42	65.50	190	175
Unit 4	4.57	56.70	197	184
Unit 5	9.70	149.53	435	370
Unit 6	2.03	99.98	439	0
Unit 7	0.00	0.00	0	0
Unit 8	9.69	140.06	460	285
Unit 9	10.45	147.24	477	332
Total	40.86	659.00		
Paras				
Unit 3	5.85	72.69	255	188
Unit 4	5.85	75.03	256	190
Total	11.70	147.72		
Khaparkheda				
Unit 1	4.00	59.61	175	145
Unit 2	4.16	59.12	185	145
Unit 3	4.44	62.11	200	160
Unit 4	4.04	56.07	186	142
Unit 5	9.82	135.20	460	350
Total	26.46	372.11		
Nasik				
Unit 3	4.16	64.50	195	165
Unit 4	4.12	64.23	205	162
Unit 5	4.12	62.81	199	158
Total	12.39	191.53		
Uran				
All Units	10.43	129.85	457	420
Total	10.43	129.85		
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)	0.40	3.67	23	0
Total	0.40	3.67		
Koyna				
Stage 1-2	1.02	14.76	55	40
Stage 4	0.10	0.82	104	0
Stage 3	0.06	3.98	40	0
Total	1.19	19.56		
Hydro				
KDPH	0.60	8.59	25	24
VTRNA	0.48	8.78	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.43	80	0
RNGR+BHTSA	0.29	3.61	13	11
BHANDARDRA	0.44	6.68	40	10
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.33	4.31	22	11
GHATGHAR	0.83	10.17	250	0
Total	3.15	47.03		
Wind				
Total	27.61	200.63	0	0
Total	27.61	200.63		
CPP				
APML(Mus)	48.04	848.70	0	0
JSWEL(Mus)	17.04	307.82	0	0
VIPL(Mus)	13.18	188.94	0	0
RPLAMT(Mus)	16.47	225.79	0	0
WPCL(Mus)	2.24	36.50	0	0
Other(Mus)	6.56	81.03	0	0
Total	103.54	1688.77		
SOLAR				
Total	1.57	23.98	0	0
Total	1.57	23.98		
Tata				
Trombay 5	9.18	140.89	486	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	43.44	123	118
Trombay 7B	1.60	24.03	67	66
Trombay 8	5.27	79.02	245	199
TATA Hydro	4.80	49.44	445	0
Total	23.74	336.82		
R-INFRA				
DTPS U-1&2	10.01	147.93	506	387
Total	10.01	147.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.78	2290.84	MSPGCL Total	162.55	2487.28
			MSPGCL Thml+Gas	158.21	2420.69	Koyna 1,2 & 4 Total	1.13	15.58
			MSPGCL Hydro	4.34	66.59	State Total	329.01	4885.42

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 15/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	6215	100	432	6747	1076	4200	0	0	4736	4693	-1601	15115	0	15115	2681	17796	50.00
2	5910	100	442	6452	1005	4207	0	0	4844	5334	-1403	15595	0	15595	2485	18080	49.98
3	5887	100	434	6421	1074	4208	0	0	5173	5915	-1235	16383	0	16383	2320	18703	49.99
4	6380	105	454	6939	1182	4252	0	0	5388	4850	-1124	16099	0	16099	2210	18309	50.01
5	6349	105	435	6889	1132	4291	0	0	5346	4792	-1077	16027	0	16027	2161	18188	49.96
6	6309	121	436	6866	1147	4263	0	0	5652	5457	-1084	16649	0	16649	2167	18816	50.00
7	6184	129	457	6770	1064	4170	0	7	5669	5966	-1067	16910	0	16910	2151	19061	50.02
8	6177	134	437	6748	1005	4432	0	51	6116	6226	-1168	17294	0	17294	2254	19548	50.04
9	6094	126	442	6662	959	4352	0	97	6256	6553	-1350	17273	0	17273	2507	19780	50.00
10	6113	199	430	6742	863	4294	0	142	6392	6834	-1476	17399	0	17399	2929	20328	50.00
11	6118	310	427	6855	1033	4342	0	198	6629	6751	-1728	17451	0	17451	3251	20702	50.03
12	6180	379	423	6982	1224	4444	0	234	6840	6681	-1616	17949	0	17949	3337	21286	49.99
13	6246	365	420	7031	1168	4405	0	217	6859	6743	-1629	17935	0	17935	3333	21268	49.99
14	6221	149	423	6793	1303	4261	0	205	6813	6683	-1636	17609	0	17609	3267	20876	49.98
15	6222	202	422	6846	1291	4213	0	168	6858	7169	-1608	18079	0	18079	3329	21408	49.93
16	6208	108	424	6740	1291	4232	0	126	6879	6971	-1657	17703	0	17703	3344	21047	49.97
17	6243	107	435	6785	1449	4265	0	77	6814	6762	-1487	17851	0	17851	3296	21147	49.98
18	5911	145	437	6493	1454	4123	0	38	6559	6350	-1479	16979	0	16979	3160	20139	50.01
19	5547	278	431	6256	1317	4097	0	8	6136	5553	-1542	15689	0	15689	2950	18639	50.03
20	6037	354	430	6821	1263	4284	0	0	5067	5568	-1519	16417	0	16417	2943	19360	49.99
21	6182	276	441	6899	1090	4505	0	0	4993	5083	-1221	16356	0	16356	2879	19235	49.99
22	6305	217	432	6954	1042	4562	0	0	5021	4762	-1255	16065	0	16065	2801	18866	49.98
23	6365	126	441	6932	1034	4506	0	0	4979	4758	-1331	15899	0	15899	2827	18726	49.98
24	6381	101	442	6924	1142	4632	0	0	5282	4512	-1402	15808	0	15808	2862	18670	50.00
MUs	147.78	4.34	10.43	162.55	27.61	103.54	0.00	1.57	141.30	140.97	-33.70	402.53	0.00	402.53	67.44	469.98	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 15/May/2017

Position as on 6.30 Hrs of 16/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 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	JSW (J) U2	300	11/05/2017	05.35		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 6	500	15/05/2017	01.32	15/05/2017	18.22	R phase Diff.prot.operated	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	
CPP	SWPGL U-4	135	15/05/2017	16.00	15/05/2017	18.03	Leakage Work	
MSPGCL	Chandrapur Unit 6	500	15/05/2017	18.25	15/05/2017	19.26	reverse power protection operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2017

Statement-VII

Position as on 6.30 Hrs of 16/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/05/2017	01.32	15/05/2017	05.17	T	R Phase AC Bus Diff.prot. low Level Alarm
Chandrapur - Padghe Hvdc Pole 1	IntraState	15/05/2017	20.35	15/05/2017	23.09	T	abnormal frequency alarm.
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	13/05/2017	22.07	15/05/2017	09.40	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	15/05/2017	09.30	15/05/2017	14.08	PO	Annual Maintenance Work
Akola Aurangabad(PG) I	InterState	15/05/2017	14.16	15/05/2017	16.40	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	15/05/2017	18.15		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Bhusawal-Aurangabad	IntraState	14/05/2017	18.18	15/05/2017	08.41	HT	Over Voltage
Chandrapu II - Chandrapur SW Ckt II	IntraState	15/05/2017	01.01	15/05/2017	16.39	HT	isolator sparking.
Cahndrapur II - Dhariwal II	IntraState	15/05/2017	01.32	15/05/2017	05.23	T	Distance Protection
New Koyna - Dabhol - li	IntraState	15/05/2017	12.00		Continued.	PO	replacement of faulty insulator string.
Cahndrapur II - Dhariwal II	IntraState	15/05/2017	12.35	15/05/2017	19.47	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-I@Parly	IntraState	15/05/2017	10.43	15/05/2017	12.33	T	Bus Bar Protection Operated
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	15/05/2017	18.14	16/05/2017	01.54	EO	OLTC trails.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	16/05/2017	04.51	16/05/2017	05.08	T	for normalization of tap position.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	15/05/2017	06.02	15/05/2017	18.00	HT	No Schedule
Mudshingi Chikodi	InterState	15/05/2017	06.05	15/05/2017	18.00	HT	No Schedule
Mahalakshmi Amona	InterState	15/05/2017	06.37	15/05/2017	07.07	T	Distance Protection
Tillari Amona	InterState	15/05/2017	06.37	15/05/2017	09.15	T	Distance Protection
Mahalakshmi Amona	InterState	15/05/2017	08.26	15/05/2017	09.05	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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Loteparshuram- Dasturi Line	IntraState	15/05/2017	09.12	15/05/2017	18.05	PO	bus outage.
Dasturi-Kandalgaon Line	IntraState	15/05/2017	09.40	15/05/2017	19.07	PO	bus outage.
Main Bus @ Dasturi	IntraState	15/05/2017	09.40	15/05/2017	18.05	PO	Quarterly Maintainance Work
Bus Coupler at Bhusawal	IntraState	15/05/2017	10.00	15/05/2017	13.37	PO	Attending Hot Spot
Karad -Mudshingi Ckt- IV	IntraState	15/05/2017	10.21	15/05/2017	12.32	PO	replacement of r ph flashover string.
Hingoli- Girawali	IntraState	15/05/2017	10.43	15/05/2017	13.02	T	Bus Bar Protection Operated
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	15/05/2017	10.43	15/05/2017	11.55	T	Bus Bar Protection Operated
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	15/05/2017	10.43	15/05/2017	11.55	T	Bus Bar Protection Operated
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	15/05/2017	10.08	15/05/2017	14.30	PO	Quarterly Maintainance Work
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

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 15/May/2017

Statement-VII

Position as on 6.30 Hrs of 16/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)