

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.129	2193.626	1) Gujrat	-3.329	-58.382
2) Hydro	28.587	446.763	2) Madhya Pradesh	17.662	252.378
3) Gas	7.115	113.509	3) Chattisgarh	7.170	110.270
Total MSPGCL	187.831	2753.898	4) Maharashtra Net	139.803	1959.276
B) 1) APML	45.738	608.926	5) Goa (Amona)	-0.220	-6.556
2) JSWEL	27.255	416.901	Total	161.086	2256.986
3) VIPL	5.065	76.038	a) Mumbai Schedule	31.352	433.056
4) RPL(AMT)	13.259	233.880	b) Mumbai Drawl	33.965	454.602
5) WPCL	4.415	62.401	c) MSEDCL Bilateral *	50.034	640.433
6) PGPL	0.000	0.000	Include PX	15.568	121.546
7) Other IPP	9.599	150.110	d) Mumbai Bilateral *	31.352	432.976
C) 1) TPCL Thermal	16.388	249.722	Include PX	14.150	174.741
2) TPCL Hydro	5.233	74.634	Include Standby	0.000	0.080
3) TPCL Gas	2.413	41.290	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.943	175.437	1) MSEDCL	441.178	6487.789
D) STATE			2) Mumbai Discoms	69.942	995.669
1) Thermal	285.791	4167.041	TOTAL STATE	511.120	7483.458
(A1+C1+C4+(B1-B6))					
2) Hydro	33.820	521.397			
(A2+C2)					
3) Gas	9.528	154.799			
(A3+B6+C3)					
4) Wind	14.884	289.678			
6) SOLAR	6.011	93.573			
TOTAL STATE	350.034	5226.488			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6323	6355	6293	6359
MSPGCL Hydro	1495	1745	1521	802
MSPGCL Gas	286	287	301	293
MSPGCL Total Generation	8104	8387	8115	7454
Central Sector Receipt	7716	7791	6218	5725
WIND	274	504	601	1006
CPP / IPP Thermal	4253	4803	4375	4256
CPP / IPP Gas	0	0	0	0
SOLAR	822	326	0	0
Exchange with Mumbai	-1778	-1682	-1370	-990
MSEDCL DEMAND MET	19391	20129	17939	17451
Load Shedding	0	7	0	0
MSEDCL DEMAND	19391	20136	17939	17451
TPCL GENERATION	1118	1215	1188	785
R-INFRA GENERATION	498	496	496	497
MUMBAI DEMAND	3394	3393	3054	2272
STATE DEMAND MET	22785	23522	20993	19723
STATE DEMAND	22785	23529	20993	19723
Frequency (Hz)	49.95	49.99	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.7 Hz at 22.17 Hrs	49.94	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.36	127.17	404	335
Unit 9	10.24	131.30	470	399
Unit 10	9.83	125.84	430	350
Total	29.43	384.30		
Bhusawal				
Unit 3	4.34	65.66	200	160
Unit 4	10.55	157.33	470	380
Unit 5	10.79	157.72	455	430
Total	25.68	380.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.17	76.08	245	188
Unit 7	5.23	76.73	245	187
Unit 8	4.65	68.26	227	162
Total	15.06	221.06		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.80	146.42	460	373
Unit 6	0.00	0.00	0	0
Unit 7	9.76	100.47	451	380
Unit 8	8.48	142.42	364	340
Unit 9	8.43	142.12	375	343
Total	36.48	531.43		
Paras				
Unit 3	5.86	84.23	250	222
Unit 4	5.97	80.75	250	240
Total	11.83	164.98		
Khaparkheda				
Unit 1	3.60	54.79	160	120
Unit 2	3.71	57.82	160	145
Unit 3	3.88	58.80	166	152
Unit 4	3.81	58.23	162	153
Unit 5	10.82	153.29	490	420
Total	25.82	382.93		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	64.66	167	159
Unit 5	3.93	63.54	167	155
Total	7.83	128.19		
Uran				
All Units	7.12	113.51	307	284
Total	7.12	113.51		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.64	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.64		
Koyna				
Stage 1-2	6.00	108.78	530	45
Stage 4	15.76	224.59	996	287
Stage 3	4.43	72.39	320	80
Total	26.20	405.77		
Hydro				
KDPH	0.72	11.61	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	4.05	80	0
RNGR+BHTSA	0.27	4.13	12	11
BHANDARDRA	0.49	7.30	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	6.22	13	12
GHATGHAR	0.27	5.06	125	0
Total	2.39	41.00		
Wind				
Total	14.88	289.68	0	0
Total	14.88	289.68		
CPP				
APML(Mus)	45.74	608.93	0	0
JSWEL(Mus)	27.26	416.90	0	0
VIPL(Mus)	5.06	76.04	0	0
RPLAMT(Mus)	13.26	233.88	0	0
WPCL(Mus)	4.42	62.40	0	0
Other(Mus)	9.60	150.11	0	0
Total	105.33	1548.26		
SOLAR				
Total	6.01	93.57	0	0
Total	6.01	93.57		
Tata				
Trombay 5	10.74	165.60	476	411
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	23.73	57	55
Trombay 7B	1.07	17.56	45	43
Trombay 8	5.65	84.12	243	231
TATA Hydro	5.23	74.63	459	0
Total	24.03	365.65		
R-INFRA				
DTPS U-1&2	11.94	175.44	500	495
Total	11.94	175.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.13	2193.63	MSPGCL Total	187.83	2753.90
			MSPGCL Thml+Gas	159.24	2307.14	Koyna 1,2 & 4 Total	21.76	333.37
			MSPGCL Hydro	28.59	446.76	State Total	350.03	5226.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/May/2018

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	6280	1137	302	7719	1102	4437	0	0	5877	5841	-1332	17767	0	17767	2852	20619	49.95
2	6314	1138	294	7746	1033	4351	0	0	5925	5975	-1230	17875	0	17875	2629	20504	49.94
3	6353	981	304	7638	1023	4284	0	0	5812	5615	-1111	17449	0	17449	2462	19911	49.98
4	6349	632	304	7285	1039	4279	0	0	5741	5912	-1058	17457	0	17457	2344	19801	49.98
5	6359	802	293	7454	1006	4256	0	0	5666	5725	-990	17451	0	17451	2272	19723	49.94
6	6377	679	305	7361	941	4252	0	0	6311	6431	-997	17988	0	17988	2279	20267	49.96
7	6409	991	307	7707	724	4287	0	47	6865	6749	-947	18567	0	18567	2240	20807	49.96
8	6404	610	306	7320	737	4299	0	211	6843	7124	-1058	18633	0	18633	2361	20994	50.01
9	6381	600	303	7284	587	4271	0	426	6944	7044	-1344	18268	0	18268	2668	20936	49.94
10	6236	975	292	7503	441	4319	0	625	6975	7092	-1551	18429	0	18429	3017	21446	49.93
11	6289	1060	300	7649	370	4286	0	722	7182	7523	-1763	18787	0	18787	3289	22076	49.94
12	6323	1495	286	8104	274	4253	0	822	7755	7716	-1778	19391	0	19391	3394	22785	49.95
13	6315	1520	285	8120	235	4279	0	763	7860	7839	-1746	19490	0	19490	3382	22872	49.92
14	6366	1493	296	8155	237	4319	0	750	7699	8116	-1727	19850	0	19850	3310	23160	49.92
15	6348	1774	285	8407	295	4486	0	652	7717	7597	-1726	19711	0	19711	3399	23110	49.91
16	6389	1534	284	8207	318	4807	0	516	8017	7905	-1699	20054	0	20054	3438	23492	49.90
17	6355	1745	287	8387	504	4803	0	326	7937	7791	-1682	20129	7	20136	3393	23529	49.99
18	6324	1254	298	7876	725	4702	0	133	7259	7110	-1654	18892	7	18899	3251	22150	49.96
19	6321	1189	288	7798	691	4383	0	18	6090	5918	-1533	17275	0	17275	3063	20338	49.95
20	6293	1521	301	8115	601	4375	0	0	5818	6218	-1370	17939	0	17939	3054	20993	49.94
21	6316	1430	300	8046	562	4371	0	0	5780	5841	-1308	17512	0	17512	2952	20464	49.94
22	6383	1127	292	7802	504	4402	0	0	5762	5799	-1448	17059	0	17059	2998	20057	49.95
23	6310	1294	301	7905	484	4413	0	0	5844	5958	-1425	17335	0	17335	2935	20270	49.87
24	6335	1606	302	8243	451	4409	0	0	5937	6247	-1488	17862	0	17862	2960	20822	49.93
MUs	152.13	28.59	7.11	187.83	14.88	105.33	0.00	6.01	159.62	161.09	-33.97	441.18	0.01	441.19	69.94	511.13	49.94

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/2018

Position as on 6.30 Hrs of 16/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2018

Statement-VII

Position as on 6.30 Hrs of 16/May/2018

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	14/05/2018	18.11	15/05/2018	06.29	HT	Over Voltage
Wardha (PG)-Warora II	InterState	15/05/2018	10.23	15/05/2018	14.14	EO	ISOLATOR WORK.
Dhule Sar'Sarovar I	InterState	15/05/2018	18.06		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/05/2018	19.42	15/05/2018	06.25	HT	Over Voltage
Koradi III(Adani)-Koradi II ckt 2	IntraState	15/05/2018	11.04	15/05/2018	16.44	EO	DUE Y PHASE CVT JUMP OPEN.
Bhusawal-Aurangabad	IntraState	15/05/2018	21.12	16/05/2018	06.38	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Pegasus - Infosys	IntraState	15/05/2018	05.41	15/05/2018	09.04	PO	Attending Oil Leakage
Trombay - Kalwa	IntraState	15/05/2018	07.54	15/05/2018	19.37	PO	CT Replacement Work.
Gadchandur - Grace	IntraState	15/05/2018	08.10	15/05/2018	12.49	PO	CRIMPING OF CONDUCTOR NEAR LOC. 97(R-PHASE).
Pohali-Nerle	IntraState	15/05/2018	08.25	15/05/2018	19.40	PO	Insulator Replacement Work
Niwali - Pawas Line	IntraState	15/05/2018	11.15	15/05/2018	18.34	PO	Routine Maintenance Work
Uran - Apta IV	IntraState	15/05/2018	11.44	15/05/2018	19.28	PO	EARTH WIRE STRINGING WORK.
satara MIDC- Malharpeth	IntraState	15/05/2018	11.45	15/05/2018	12.45	HT	FIRE OUTSIDE THE YARD IN THE GRASS LOAD AFFECTED 48MW.
Satara (MIDC)-Ajinkyatara	IntraState	15/05/2018	11.45	15/05/2018	12.49	HT	FIRE OUTSIDE THE YARD IN THE GRASS LOAD AFFECTED 48MW.
Gorai MSETCL Borivali Line-1	IntraState	15/05/2018	14.41	15/05/2018	17.22	PO	Routine Maintenance Work
Mururd - Tuljapur	IntraState	15/05/2018	17.48	15/05/2018	18.43	PO	Attending Oil Leakage
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/05/2018	21.13	15/05/2018	21.44	T	Distance Protection
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACMENT OF HTLS CONDUCTOR.
Nerul-Trombay	IntraState	16/05/2018	05.48		Continued.	PO	TAP ARRENGMENT FOR ABOVE OUTAGE.
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(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 kv 200MVA ICT II @ Akola	IntraState	15/05/2018	08.20	15/05/2018	17.40	PO	Routine Maintenance Work
220/132kv 100MVA ICT II @Satara Midc	IntraState	15/05/2018	11.20	15/05/2018	13.04	HT	FIRE OUTSIDE THE YARD IN THE GRASS LOAD AFFECTED 48MW.
220/132Kv 200MVA ICT-I @ Akola	IntraState	15/05/2018	19.15	15/05/2018	20.28	PO	Y PHASE HV BUSHING OIL LEKAGE.

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