

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/May/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.383	1600.835	1) Gujrat	-4.927	-48.377
2) Hydro	13.106	354.901	2) Madhya Pradesh	13.119	189.677
3) Gas	6.649	85.393	3) Chattisgarh	7.810	82.400
Total MSPGCL	170.138	2041.129	4) Maharashtra Net	137.581	1426.146
B) 1) APML	42.813	426.433	5) Goa (Amona)	-0.792	-5.280
2) JSWEL	27.642	307.293	Total	152.791	1644.566
3) VIPL	5.069	55.778	a) Mumbai Schedule	28.576	315.848
4) RPL(AMT)	13.390	180.634	b) Mumbai Drawl	32.295	331.905
5) WPCL	4.328	45.481	c) MSEDCL Bilateral *	50.529	454.793
6) PGPL	0.000	0.000	Include PX	17.089	76.542
7) Other IPP	9.912	111.052	d) Mumbai Bilateral *	28.576	315.848
C) 1) TPCL Thermal	16.987	184.032	Include PX	10.953	126.760
2) TPCL Hydro	6.552	56.356	Include Standby	0.000	0.000
3) TPCL Gas	2.518	31.536	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.687	128.047	1) MSEDCL	428.093	4753.641
D) STATE			2) Mumbai Discoms	70.032	731.869
1) Thermal	282.211	3039.585	TOTAL STATE	498.125	5485.510
(A1+C1+C4+(B1-B6))					
2) Hydro	19.658	411.257			
(A2+C2)					
3) Gas	9.167	116.929			
(A3+B6+C3)					
4) Wind	28.278	203.699			
6) SOLAR	6.027	69.481			
TOTAL STATE	345.341	3840.951			

* 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 4 Hrs
MSPGCL Thermal	6274	6226	6330	6293
MSPGCL Hydro	559	860	294	531
MSPGCL Gas	277	264	270	275
MSPGCL Total Generation	7110	7350	6894	7099
Central Sector Receipt	7425	7769	5779	5091
WIND	574	691	1315	1615
CPP / IPP Thermal	3922	4185	4514	4379
CPP / IPP Gas	0	0	0	0
SOLAR	820	645	0	0
Exchange with Mumbai	-1660	-1666	-1291	-951
MSEDCL DEMAND MET	18191	18974	17211	17233
Load Shedding	0	0	0	0
MSEDCL DEMAND	18191	18974	17211	17233
TPCL GENERATION	1270	1258	1256	897
R-INFRA GENERATION	499	496	495	497
MUMBAI DEMAND	3429	3420	3042	2345
STATE DEMAND MET	21620	22394	20253	19578
STATE DEMAND	21620	22394	20253	19578
Frequency (Hz)	49.90	49.88	49.91	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.03 Hrs	49.68 Hz at 22.20 Hrs	49.93	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 11/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	8.51	87.15	414	350
Unit 9	8.50	88.28	430	319
Unit 10	8.55	85.25	450	332
Total	25.56	260.68		
Bhusawal				
Unit 3	3.84	48.30	160	160
Unit 4	11.02	119.96	475	430
Unit 5	10.96	124.33	480	440
Total	25.82	292.59		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.01	54.82	242	188
Unit 7	4.99	55.38	241	187
Unit 8	5.16	50.41	246	193
Total	15.16	160.61		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.85	118.95	460	0
Unit 6	0.00	0.00	0	0
Unit 7	10.68	59.70	452	434
Unit 8	8.47	109.50	370	320
Unit 9	9.08	109.10	390	366
Total	38.08	397.24		
Paras				
Unit 3	5.97	60.64	251	243
Unit 4	5.96	57.15	255	240
Total	11.93	117.78		
Khaparkheda				
Unit 1	3.72	40.35	165	140
Unit 2	3.84	41.76	175	140
Unit 3	3.96	42.79	176	162
Unit 4	3.90	42.43	175	160
Unit 5	10.29	109.93	450	400
Total	25.70	277.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	47.51	190	159
Unit 5	4.06	47.16	188	160
Total	8.13	94.67		
Uran				
All Units	6.65	85.39	294	263
Total	6.65	85.39		
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)	0.02	0.64	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.64		
Koyna				
Stage 1-2	3.68	86.00	515	40
Stage 4	5.23	179.44	750	0
Stage 3	1.84	57.52	160	0
Total	10.74	322.95		
Hydro				
KDPH	0.75	8.68	32	31
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.	0.42	2.89	80	0
RNGR+BHTSA	0.28	3.04	12	11
BHANDARDRA	0.48	5.33	42	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	5.12	26	15
GHATGHAR	0.00	4.27	0	0
Total	2.36	31.96		
Wind				
Total	28.28	203.70	0	0
Total	28.28	203.70		
CPP				
APML(Mus)	42.81	426.43	0	0
JSWEL(Mus)	27.64	307.29	0	0
VIPL(Mus)	5.07	55.78	0	0
RPLAMT(Mus)	13.39	180.63	0	0
WPCL(Mus)	4.33	45.48	0	0
Other(Mus)	9.91	111.05	0	0
Total	103.15	1126.67		
SOLAR				
Total	6.03	69.48	0	0
Total	6.03	69.48		
Tata				
Trombay 5	11.27	122.54	485	391
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	18.30	72	55
Trombay 7B	1.11	13.24	53	44
Trombay 8	5.72	61.50	242	221
TATA Hydro	6.55	56.36	459	10
Total	26.06	271.92		
R-INFRA				
DTPS U-1&2	11.69	128.05	499	409
Total	11.69	128.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.38	1600.84	MSPGCL Total	170.14	2041.13
			MSPGCL Thml+Gas	157.03	1686.23	Koyna 1,2 & 4 Total	8.90	265.43
			MSPGCL Hydro	13.11	354.90	State Total	345.34	3840.95

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/May/2018

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	6306	1206	275	7787	1496	4421	0	0	5471	5363	-1377	17690	0	17690	2850	20540	49.96
2	6286	1216	284	7786	1585	4445	0	0	5377	5366	-1195	17987	0	17987	2634	20621	49.94
3	6296	1045	294	7635	1650	4416	0	0	5309	5115	-1063	17753	0	17753	2450	20203	49.98
4	6293	531	275	7099	1615	4379	0	0	5306	5091	-951	17233	0	17233	2345	19578	49.93
5	6282	429	286	6997	1686	4376	0	0	5599	5525	-924	17660	0	17660	2278	19938	49.91
6	6243	290	284	6817	1554	4390	0	0	6329	6062	-894	17929	0	17929	2266	20195	49.91
7	6303	240	285	6828	1398	4394	0	50	6781	6582	-918	18334	0	18334	2273	20607	49.96
8	6221	155	284	6660	942	4408	0	213	6782	6441	-999	17665	0	17665	2385	20050	49.95
9	6312	134	283	6729	774	4286	0	436	6787	6690	-1414	17501	0	17501	2689	20190	49.96
10	6299	628	280	7207	656	4093	0	607	6796	6735	-1674	17624	0	17624	3041	20665	49.91
11	6319	434	267	7020	665	4031	0	727	7031	6670	-1684	17429	0	17429	3318	20747	49.92
12	6274	559	277	7110	574	3922	0	820	7588	7425	-1660	18191	0	18191	3429	21620	49.90
13	6244	618	265	7127	550	3970	0	811	7889	7588	-1631	18415	0	18415	3411	21826	49.94
14	6246	545	275	7066	596	4015	0	760	7637	7609	-1535	18511	0	18511	3312	21823	49.88
15	6226	860	264	7350	691	4185	0	645	7690	7769	-1666	18974	0	18974	3420	22394	49.88
16	6279	933	263	7475	581	4385	0	503	7730	7670	-1718	18897	0	18897	3460	22357	49.88
17	6264	690	275	7229	1136	4398	0	305	7685	7499	-1630	18937	0	18937	3394	22331	49.92
18	6313	263	267	6843	952	4376	0	133	7294	6991	-1507	17788	0	17788	3256	21044	50.02
19	6330	311	280	6921	1098	4486	0	17	5796	5835	-1365	16992	0	16992	3083	20075	50.05
20	6330	294	270	6894	1315	4514	0	0	5614	5779	-1291	17211	0	17211	3042	20253	49.91
21	6340	146	280	6766	1748	4508	0	0	5624	5467	-1260	17229	0	17229	2987	20216	49.96
22	6242	110	282	6634	1675	4332	0	0	5620	5803	-1304	17140	0	17140	2889	20029	49.95
23	5990	520	280	6790	1645	4227	0	0	5691	5925	-1266	17321	0	17321	2898	20219	49.84
24	6145	949	274	7368	1696	4190	0	0	5564	5789	-1369	17674	0	17674	2929	20603	49.88
MUs	150.38	13.11	6.65	170.14	28.28	103.15	0.00	6.03	154.99	152.79	-32.29	428.09	0.00	428.09	70.04	498.13	49.93

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 11/May/2018

Position as on 6.30 Hrs of 12/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	
IPP	Adani U-2	660	02/01/2018	15.26	12/05/2018	02.10	HPBP Bonnet leakage	
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 6	108	07/05/2018	00.56		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	11/05/2018	22.15		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/May/2018

Statement-VII

Position as on 6.30 Hrs of 12/May/2018

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	11/05/2018	21.37		Continued.	PO	Replacement of Broken Disc
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	10/05/2018	19.46	11/05/2018	08.58	HT	Over Voltage
Dabhol Nagothane II	InterState	11/05/2018	08.17	11/05/2018	19.09	PO	Hill Cutting Work.
Alkud-Solapur(PG)	InterState	11/05/2018	17.58	11/05/2018	18.58	T	Distance Protection
Dhule Sar'Sarovar II	InterState	11/05/2018	18.52		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/05/2018	20.26	11/05/2018	09.13	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/05/2018	00.43	11/05/2018	08.36	T	Distance Protection
Chandrapur II - Chandrapur ckt 2	IntraState	11/05/2018	13.07	11/05/2018	18.18	PO	PMU Commissioning Work.
Khadka-Aurangabad (Waluj)	IntraState	11/05/2018	18.57		Continued.	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.
Borivali - Tarapur	InterState	11/05/2018	08.55	11/05/2018	19.18	PO	Line Maintenance work
Mahalakshmi Amona	InterState	11/05/2018	21.30	11/05/2018	22.45	T	Over Voltage
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.
Wani-Warora	IntraState	11/05/2018	08.57	11/05/2018	09.34	T	Distance Protection
Kalwa - Airoli Knowledge Park	IntraState	11/05/2018	09.02	11/05/2018	18.39	PO	Testing Work
Nagothane-Wadkhal II	IntraState	11/05/2018	09.35	11/05/2018	21.43	EO	Attending Hot Spot
Miraj - Mhaishal	IntraState	11/05/2018	10.01	11/05/2018	18.29	PO	Testing Work
Nagothane-Wadkhal-I	IntraState	11/05/2018	10.08	11/05/2018	10.38	T	Distance Protection
Apta - Taloja	IntraState	11/05/2018	10.55	11/05/2018	13.50	EO	Attending Hot Spot
Uran - Apta IV	IntraState	11/05/2018	11.01	11/05/2018	18.50	PO	Testing Work
Butibori - Khaperkheda	IntraState	11/05/2018	11.03	11/05/2018	16.25	PO	Replacement Of Y-PH Due To High Tan Delta.
Pedambe-Nerle	IntraState	11/05/2018	11.15	11/05/2018	16.50	PO	Insulator Replacement Work.
Oni Kharepatan Line	IntraState	11/05/2018	12.43	11/05/2018	13.15	T	Distance Protection
Sonkhar - Trombay	IntraState	12/05/2018	06.23		Continued.	PO	Conductor Replacement 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(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 200 Mva Bbl Ict 3 @Padegaon	IntraState	11/05/2018	09.23	11/05/2018	18.33	EO	Attending Hot Spot
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	11/05/2018	10.34	11/05/2018	13.40	PO	Line Maintenance work
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	11/05/2018	12.08	11/05/2018	19.09	PO	Testing Work
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	11/05/2018	12.23	11/05/2018	13.15	EO	Attending Hot Spot

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