

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.181	137.181	1) Gujrat	-4.288	-4.288
2) Hydro	10.006	10.006	2) Madhya Pradesh	14.834	14.834
3) Gas	10.283	10.283	3) Chattisgarh	7.430	7.430
Total MSPGCL	157.470	157.470	4) Maharashtra Net	121.623	121.623
B) 1) APML	34.844	34.844	5) Goa (Amona)	-0.682	-0.682
2) JSWEL	26.169	26.169	Total	138.917	138.917
3) VIPL	5.117	5.117	a) Mumbai Schedule	27.519	27.519
4) RPL(AMT)	17.114	17.114	b) Mumbai Drawl	27.983	27.983
5) WPCL	3.266	3.266	c) MSEDCL Bilateral *	30.691	30.691
6) PGPL	0.000	0.000	Include PX	0.000	0.000
7) Other IPP	10.010	10.010	d) Mumbai Bilateral *	27.519	27.519
C) 1) TPCL Thermal	14.208	14.208	Include PX	11.223	11.223
2) TPCL Hydro	1.497	1.497	Include Standby	0.000	0.000
3) TPCL Gas	4.384	4.384	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.012	10.012	1) MSEDCL	400.505	400.505
D) STATE			2) Mumbai Discoms	58.084	58.084
1) Thermal	257.921	257.921	TOTAL STATE	458.589	458.589
(A1+C1+C4+(B1-B6))					
2) Hydro	11.503	11.503			
(A2+C2)					
3) Gas	14.667	14.667			
(A3+B6+C3)					
4) Wind	28.986	28.986			
6) SOLAR	6.595	6.595			
TOTAL STATE	319.672	319.672			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5494	6064	5170	5499
MSPGCL Hydro	942	727	715	202
MSPGCL Gas	418	417	424	427
MSPGCL Total Generation	6854	7208	6309	6128
Central Sector Receipt	5870	5764	5358	5796
WIND	569	946	1503	1246
CPP / IPP Thermal	3861	4287	3676	3875
CPP / IPP Gas	0	0	0	0
SOLAR	890	847	0	0
Exchange with Mumbai	-1299	-1335	-1346	-1537
MSEDCL DEMAND MET	16745	17717	15500	15508
Load Shedding	0	0	0	0
MSEDCL DEMAND	16745	17717	15500	15508
TPCL GENERATION	824	788	843	769
R-INFRA GENERATION	378	378	377	377
MUMBAI DEMAND	2501	2501	2566	2683
STATE DEMAND MET	19246	20218	18066	18191
STATE DEMAND	19246	20218	18066	18191
Frequency (Hz)	49.99	50.00	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.02 Hrs	49.83 Hz at 21.50 Hrs	50	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 01/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	7.28	7.28	306	300
Unit 9	7.25	7.25	317	299
Unit 10	7.18	7.18	330	270
Total	21.72	21.72		
Bhusawal				
Unit 3	4.23	4.23	195	150
Unit 4	9.90	9.90	470	350
Unit 5	9.97	9.97	465	350
Total	24.10	24.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.23	5.23	250	185
Unit 7	5.09	5.09	248	151
Unit 8	4.94	4.94	228	184
Total	15.26	15.26		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.60	10.60	465	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.39	10.39	465	350
Unit 9	10.36	10.36	454	361
Total	31.35	31.35		
Paras				
Unit 3	5.48	5.48	250	195
Unit 4	5.43	5.43	250	190
Total	10.92	10.92		
Khaparkheda				
Unit 1	3.90	3.90	170	145
Unit 2	4.20	4.20	185	160
Unit 3	4.16	4.16	189	160
Unit 4	4.14	4.14	200	160
Unit 5	8.97	8.97	480	0
Total	25.36	25.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.26	4.26	193	161
Unit 5	4.22	4.22	188	163
Total	8.48	8.48		
Uran				
All Units	10.28	10.28	452	415
Total	10.28	10.28		
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)	0.04	0.04	11	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.04		
Koyna				
Stage 1-2	3.34	3.34	465	40
Stage 4	2.37	2.37	750	0
Stage 3	1.70	1.70	160	0
Total	7.42	7.42		
Hydro				
KDPH	0.82	0.82	34	34
VTRNA	0.00	0.00	0	0
TILLARI	0.48	0.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.04	0.04	23	0
RNGR+BHTSA	0.24	0.24	11	10
BHANDARDRA	0.48	0.48	35	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	0.52	30	19
GHATGHAR	0.00	0.00	0	0
Total	2.59	2.59		
Wind				
Total	28.99	28.99	0	0
Total	28.99	28.99		
CPP				
APML(Mus)	34.84	34.84	0	0
JSWEL(Mus)	26.17	26.17	0	0
VIPL(Mus)	5.12	5.12	0	0
RPLAMT(Mus)	17.11	17.11	0	0
WPCL(Mus)	3.27	3.27	0	0
Other(Mus)	10.01	10.01	0	0
Total	96.52	96.52		
SOLAR				
Total	6.60	6.60	0	0
Total	6.60	6.60		
Tata				
Trombay 5	8.90	8.90	486	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	2.81	118	116
Trombay 7B	1.58	1.58	67	65
Trombay 8	5.31	5.31	234	214
TATA Hydro	1.50	1.50	148	0
Total	20.09	20.09		
R-INFRA				
DTPS U-1&2	10.01	10.01	502	375
Total	10.01	10.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.18	137.18	MSPGCL Total	157.47	157.47
			MSPGCL Thml+Gas	147.46	147.46	Koyna 1,2 & 4 Total	5.72	5.72
			MSPGCL Hydro	10.01	10.01	State Total	319.67	319.67

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	5996	306	448	6750	1367	4174	0	0	6035	6283	-1234	17340	0	17340	2670	20010	49.98
2	6018	301	431	6750	1403	4130	0	0	5922	6258	-1056	17485	0	17485	2467	19952	50.03
3	6029	301	430	6760	1336	4134	0	0	5856	6099	-893	17436	0	17436	2294	19730	50.00
4	6030	206	433	6669	1527	4145	0	0	5786	5809	-791	17359	0	17359	2194	19553	49.99
5	6025	201	452	6678	1344	4173	0	0	5778	5772	-730	17237	0	17237	2131	19368	49.98
6	6016	493	433	6942	1310	4167	0	0	5811	6016	-737	17698	0	17698	2138	19836	50.00
7	6052	1005	446	7503	1211	4175	0	46	5774	6102	-699	18338	0	18338	2091	20429	50.07
8	5974	288	432	6694	938	4116	0	231	5778	5992	-734	17237	0	17237	2087	19324	50.08
9	5746	138	439	6323	920	3844	0	474	5722	5288	-1017	15832	0	15832	2150	17982	50.04
10	5553	208	422	6183	878	3773	0	656	5514	5401	-1114	15777	0	15777	2256	18033	50.03
11	5506	208	418	6132	584	3829	0	814	5557	5824	-1256	15927	0	15927	2408	18335	50.02
12	5494	942	418	6854	569	3861	0	890	5594	5870	-1299	16745	0	16745	2501	19246	49.99
13	5754	1357	416	7527	658	3951	0	880	5672	6009	-1373	17652	0	17652	2536	20188	49.97
14	6064	727	417	7208	946	4287	0	847	5822	5764	-1335	17717	0	17717	2501	20218	50.00
15	6075	335	415	6825	965	4364	0	690	5862	5821	-1394	17271	0	17271	2558	19829	49.96
16	6100	400	415	6915	1277	4366	0	554	5911	5798	-1356	17554	0	17554	2579	20133	49.95
17	6067	385	417	6869	1421	4360	0	348	5877	5896	-1380	17514	0	17514	2546	20060	50.04
18	5695	120	429	6244	1812	4188	0	149	5850	5438	-1310	16521	0	16521	2478	18999	50.02
19	5167	166	423	5756	1730	3734	0	16	5374	4922	-1237	14921	0	14921	2451	17372	50.03
20	5170	715	424	6309	1503	3676	0	0	4784	5358	-1346	15500	0	15500	2566	18066	50.00
21	4945	356	425	5726	1356	3688	0	0	5323	5665	-1377	15058	0	15058	2593	17651	49.98
22	4854	306	427	5587	1398	3692	0	0	5398	5800	-1351	15126	0	15126	2586	17712	49.96
23	5352	340	446	6138	1287	3816	0	0	5594	5936	-1427	15750	0	15750	2620	18370	49.95
24	5499	202	427	6128	1246	3875	0	0	5765	5796	-1537	15508	0	15508	2683	18191	49.98
MUs	137.18	10.01	10.28	157.47	28.99	96.52	0.00	6.59	136.36	138.92	-27.98	400.51	0.00	400.51	58.08	458.59	50.00

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 01/May/2018

Position as on 6.30 Hrs of 02/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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	
CPP	SWPGL U-3	135	27/04/2018	00.31	01/05/2018	03.16	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 7	500	01/05/2018	00.00		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 5	500	01/05/2018	20.21		Continued.	400kv main bus1,main bus2 bus bar protection operated 501mva ict2 B-PH HV side C.t.burst.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2018

Statement-VII

Position as on 6.30 Hrs of 02/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							
HVDC Pole-I	IntraState	01/05/2018	04.19	01/05/2018	13.20	EO	Attending Oil Leakage
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	30/04/2018	18.11		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	30/04/2018	17.34	01/05/2018	00.09	PO	Testing Work
Girwali-Solapur (Lamboti)	IntraState	30/04/2018	18.54	01/05/2018	07.50	T	Distance Protection
karad -kolhapur-I	IntraState	01/05/2018	18.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/05/2018	18.17		Continued.	HT	Over Voltage
Main Bus-I@Khaparkheda s/st	IntraState	01/05/2018	20.21	01/05/2018	22.25	T	Bus Bar Protection Operated
Main Bus II @Khaparkheda S/st	IntraState	01/05/2018	20.21	01/05/2018	22.46	T	Bus Bar Protection Operated
Koradi-India Bulls	IntraState	01/05/2018	20.21	01/05/2018	20.55	T	Distance Protection
Koradi-Khaperkheda I	IntraState	01/05/2018	20.21	01/05/2018	22.25	T	Bus Bar Protection Operated
Koradi-Khaperkheda li	IntraState	01/05/2018	20.21	01/05/2018	22.52	T	Bus Bar Protection Operated
Chandrapur - Khaperkheda	IntraState	01/05/2018	20.21	02/05/2018	00.02	T	Bus Bar Protection Operated
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.
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	01/05/2018	20.21	01/05/2018	22.25	T	Bus Bar Protection Operated
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	01/05/2018	20.21	02/05/2018	01.12	T	HV side B PH CT BRUST.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	01/05/2018	20.21	01/05/2018	23.01	T	Bus Bar Protection Operated
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.
Sawantwadi-Bidri	IntraState	01/05/2018	07.30	01/05/2018	13.04	PO	Line Maintenance work
Pophali - Kdph	IntraState	01/05/2018	09.30	01/05/2018	18.30	PO	Line Maintenance work
Parli 2-(Girwali) -Murud	IntraState	01/05/2018	09.36	01/05/2018	12.52	PO	Line Maintenance work
Kharepatan -Pawas Line	IntraState	01/05/2018	09.40	01/05/2018	17.50	PO	Line Maintenance work
Kadegaon-Miraj	IntraState	01/05/2018	10.31	01/05/2018	16.15	PO	Testing Work
Ghatghar - Jindal	IntraState	01/05/2018	12.54	01/05/2018	19.17	T	Distance Protection
Taloja li - OCIL-II	IntraState	01/05/2018	17.24	01/05/2018	21.29	PO	Apta line bus site isolator maintenance work.
Apta - Taloja	IntraState	01/05/2018	17.24	01/05/2018	21.24	PO	Apta line bus site isolator maintenance work.
Harangul-Parly	IntraState	01/05/2018	19.21	01/05/2018	23.51	PO	Attending Hot Spot
Bus 1 @ KhaparKheda	IntraState	01/05/2018	20.21	01/05/2018	22.30	T	Bus Bar Protection Operated
Bus 2 @ khaparkheda	IntraState	01/05/2018	20.21	01/05/2018	22.25	T	Bus Bar Protection Operated
khaparkheda-Khaparkheda(new)-I	IntraState	01/05/2018	20.21	01/05/2018	23.16	T	Bus Bar Protection Operated
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)

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 01/May/2018

Statement-VII

Position as on 6.30 Hrs of 02/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	29/04/2018	07.13		Continued.	T	Differential protection
100MVA ICT -1@Magarpatta	IntraState	01/05/2018	07.51	01/05/2018	13.38	PO	Half yearly maintenance work
220/22 Kv 50 Mva Cgl Ptr 1 @Taloja	IntraState	01/05/2018	17.24	01/05/2018	21.27	PO	Apta line bus site isolator maintenance work.
220/132 KV 200MVA ICT I @ Taloja	IntraState	01/05/2018	17.24	01/05/2018	21.26	PO	Apta line bus site isolator maintenance work.

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