

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/May/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.804	421.631	1) Gujrat	-5.652	-14.717
2) Hydro	36.446	68.026	2) Madhya Pradesh	17.876	51.671
3) Gas	6.634	26.764	3) Chattisgarh	8.490	24.040
Total MSPGCL	188.884	516.421	4) Maharashtra Net	129.775	382.818
B) 1) APML	36.670	107.199	5) Goa (Amona)	-0.352	-1.562
2) JSWEL	29.165	81.084	Total	150.137	442.250
3) VIPL	5.068	15.252	a) Mumbai Schedule	28.765	85.035
4) RPL(AMT)	19.910	55.782	b) Mumbai Drawl	30.847	91.627
5) WPCL	4.023	11.211	c) MSEDCL Bilateral *	38.092	103.682
6) PGPL	0.000	0.000	Include PX	4.253	5.946
7) Other IPP	10.567	31.548	d) Mumbai Bilateral *	28.765	85.035
C) 1) TPCL Thermal	17.130	46.801	Include PX	11.952	35.555
2) TPCL Hydro	5.656	11.037	Include Standby	0.000	0.000
3) TPCL Gas	2.527	10.864	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.972	32.843	1) MSEDCL	436.222	1259.552
D) STATE			2) Mumbai Discoms	68.131	193.171
1) Thermal	280.309	803.351	TOTAL STATE	504.353	1452.723
(A1+C1+C4+(B1-B6))					
2) Hydro	42.102	79.063			
(A2+C2)					
3) Gas	9.161	37.628			
(A3+B6+C3)					
4) Wind	16.097	70.785			
6) SOLAR	6.548	19.647			
TOTAL STATE	354.217	1010.474			

* 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	6210	6256	6106	5892
MSPGCL Hydro	1836	1744	1092	1413
MSPGCL Gas	188	276	296	302
MSPGCL Total Generation	8234	8276	7494	7607
Central Sector Receipt	7070	7108	6050	5558
WIND	499	590	646	950
CPP / IPP Thermal	4630	4735	4262	4212
CPP / IPP Gas	0	0	0	0
SOLAR	871	708	0	0
Exchange with Mumbai	-1627	-1576	-1264	-919
MSEDCL DEMAND MET	19677	19841	17188	17408
Load Shedding	0	0	0	0
MSEDCL DEMAND	19677	19841	17188	17408
TPCL GENERATION	1225	1257	1277	793
R-INFRA GENERATION	497	498	499	500
MUMBAI DEMAND	3349	3331	3040	2212
STATE DEMAND MET	23026	23172	20228	19620
STATE DEMAND	23026	23172	20228	19620
Frequency (Hz)	50.04	49.93	49.93	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 04:02 Hrs	49.79 Hz at 15:47 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 03/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	8.48	23.11	403	300
Unit 9	8.57	23.14	411	281
Unit 10	7.81	22.24	370	300
Total	24.85	68.49		
Bhusawal				
Unit 3	4.68	13.47	200	190
Unit 4	11.16	32.12	485	435
Unit 5	11.46	32.95	495	450
Total	27.30	78.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.33	16.27	250	141
Unit 7	5.64	16.37	248	195
Unit 8	5.15	15.02	228	178
Total	16.12	47.66		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.02	32.60	465	455
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.82	32.05	463	425
Unit 9	10.54	31.64	459	417
Total	32.38	96.29		
Paras				
Unit 3	5.86	16.89	250	215
Unit 4	5.72	16.89	251	196
Total	11.58	33.78		
Khaparkheda				
Unit 1	3.20	10.90	155	110
Unit 2	3.44	11.80	155	90
Unit 3	3.41	11.98	166	85
Unit 4	3.48	11.90	160	110
Unit 5	11.29	24.48	500	420
Total	24.83	71.06		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.41	12.98	195	179
Unit 5	4.34	12.83	190	174
Total	8.75	25.81		
Uran				
All Units	6.63	26.76	321	144
Total	6.63	26.76		
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)	0.09	0.20	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	0.20		
Koyna				
Stage 1-2	8.81	18.08	560	70
Stage 4	18.22	30.23	1000	222
Stage 3	6.34	10.89	320	160
Total	33.37	59.21		
Hydro				
KDPH	0.82	2.45	34	34
VTRNA	0.00	0.00	0	0
TILLARI	0.42	1.26	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.21	80	0
RNGR+BHTSA	0.28	0.80	12	11
BHANDARDRA	0.49	1.46	39	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	1.65	31	20
GHATGHAR	0.35	1.00	125	0
Total	3.07	8.82		
Wind				
Total	16.10	70.78	0	0
Total	16.10	70.78		
CPP				
APML(Mus)	36.67	107.20	0	0
JSWEL(Mus)	29.16	81.08	0	0
VIPL(Mus)	5.07	15.25	0	0
RPLAMT(Mus)	19.91	55.78	0	0
WPCL(Mus)	4.02	11.21	0	0
Other(Mus)	10.57	31.55	0	0
Total	105.40	302.08		
SOLAR				
Total	6.55	19.65	0	0
Total	6.55	19.65		
Tata				
Trombay 5	11.55	30.46	487	473
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	6.71	65	46
Trombay 7B	1.11	4.16	50	38
Trombay 8	5.58	16.34	243	230
TATA Hydro	5.66	11.04	459	0
Total	25.31	68.70		
R-INFRA				
DTPS U-1&2	11.97	32.84	501	496
Total	11.97	32.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.80	421.63	MSPGCL Total	188.88	516.42
			MSPGCL Thml+Gas	152.44	448.40	Koyna 1,2 & 4 Total	27.03	48.31
			MSPGCL Hydro	36.45	68.03	State Total	354.22	1010.47

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 03/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	5962	1456	300	7718	1143	4257	0	0	5522	5807	-1348	17577	0	17577	2716	20293	50.03
2	5952	1782	321	8055	1034	4220	0	0	5424	5361	-1189	17481	0	17481	2497	19978	50.08
3	5939	1647	303	7889	1040	4215	0	0	5458	5384	-1034	17494	0	17494	2325	19819	50.06
4	5892	1413	302	7607	950	4212	0	0	5456	5558	-919	17408	0	17408	2212	19620	50.07
5	5939	1093	313	7345	850	4208	0	0	5454	6072	-861	17614	0	17614	2161	19775	50.10
6	5919	1421	304	7644	691	4216	0	0	5542	6400	-870	18081	0	18081	2172	20253	50.02
7	5975	1945	303	8223	454	4208	0	49	5810	6434	-869	18499	0	18499	2171	20670	50.02
8	6002	2065	312	8379	317	4181	0	236	5645	6204	-932	18385	0	18385	2311	20696	50.08
9	6033	1988	254	8275	302	4222	0	480	5700	6061	-1202	18138	0	18138	2622	20760	50.01
10	6060	2012	144	8216	396	4214	0	625	6084	6277	-1402	18326	0	18326	2978	21304	50.01
11	6200	1608	202	8010	472	4400	0	800	6291	6380	-1611	18451	0	18451	3246	21697	49.99
12	6210	1836	188	8234	499	4630	0	871	6653	7070	-1627	19677	0	19677	3349	23026	50.04
13	6305	1196	211	7712	509	4729	0	892	7294	7402	-1586	19658	0	19658	3328	22986	50.01
14	6211	1244	238	7693	478	4746	0	832	6972	7208	-1523	19434	0	19434	3264	22698	49.99
15	6256	1744	276	8276	590	4735	0	708	7012	7108	-1576	19841	0	19841	3331	23172	49.93
16	6267	1382	289	7938	710	4734	0	555	7287	7243	-1600	19580	0	19580	3350	22930	49.94
17	6257	1372	291	7920	789	4731	0	354	7032	7041	-1542	19293	0	19293	3317	22610	50.00
18	6187	1653	294	8134	856	4737	0	131	6074	6126	-1516	18468	0	18468	3210	21678	50.03
19	6189	780	294	7263	786	4448	0	15	5781	5918	-1463	16967	0	16967	3048	20015	50.01
20	6106	1092	296	7494	646	4262	0	0	5667	6050	-1264	17188	0	17188	3040	20228	49.93
21	6056	1355	295	7706	608	4248	0	0	5607	5674	-1251	16985	0	16985	2941	19926	49.89
22	6083	1142	308	7533	624	4281	0	0	5504	5852	-1235	17055	0	17055	2845	19900	49.99
23	5963	1447	298	7708	693	4273	0	0	5441	5866	-1185	17355	0	17355	2829	20184	49.95
24	5841	1773	298	7912	660	4288	0	0	5635	5641	-1242	17259	0	17259	2869	20128	49.93
MUs	145.80	36.45	6.63	188.88	16.10	105.40	0.00	6.55	144.34	150.14	-30.85	436.22	0.00	436.22	68.13	504.35	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 03/May/2018

Position as on 6.30 Hrs of 04/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		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	
MSPGCL	Chandrapur Unit 7	500	01/05/2018	00.00		Continued.	Water Shortage	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	02/05/2018	20.51		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	03/05/2018	08.42	03/05/2018	10.00	due to problem in cep.	
MSPGCL	Uran Unit A0	120	03/05/2018	08.42	03/05/2018	13.49	due to problem in cep.	
MSPGCL	Parli Unit 8	250	03/05/2018	23.47	04/05/2018	05.35	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2018

Statement-VII

Position as on 6.30 Hrs of 04/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	02/05/2018	18.07	03/05/2018	09.28	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/05/2018	18.07	03/05/2018	09.28	HT	Over Voltage
Chandrapur Bhadravati II	InterState	03/05/2018	10.21	03/05/2018	17.28	PO	pmu integration.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	03/05/2018	17.51	03/05/2018	22.36	PO	Y PH CVT oil leakage.
Dhule Sar'Sarovar I	InterState	03/05/2018	18.59		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/05/2018	18.04	03/05/2018	06.01	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	02/05/2018	19.31	03/05/2018	07.01	T	Distance Protection
Akola - Bhusawal	IntraState	03/05/2018	06.46	03/05/2018	18.56	PO	insulator replacement work.
Deepnagar - Aurangabad	IntraState	03/05/2018	08.38	03/05/2018	14.25	PO	Testing Work
Chandrapur II- Warora ckt II	IntraState	03/05/2018	12.49	03/05/2018	Continued.	T	Distance Protection
Karad - Lonikand 1	IntraState	03/05/2018	15.26	03/05/2018	16.11	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	03/05/2018	18.59	04/05/2018	06.22	HT	Over Voltage
Akola - Bhusawal	IntraState	04/05/2018	06.27		Continued.	PO	Insulator Replacement Work
400 KV ICT Outages/Trippings							
400/11.5/6.6 KV 70 MVA Station T/F @Khaparkhedra	InterState	03/05/2018	10.32	03/05/2018	15.58	PO	cb trials.
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 315 Mva Ict 2 @Dhule	IntraState	02/05/2018	11.04		Continued.	PO	Oil Filtration Work Due To High DGA.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	03/05/2018	23.17	04/05/2018	01.25	EO	Attending Hot Spot
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.
Badnera - Deoli (PG)	InterState	03/05/2018	08.25	03/05/2018	16.57	PO	disc replacement.
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.
Taloja II - OCIL-I	IntraState	02/05/2018	10.25		Continued.	PO	C B Overhauling At Ocil.
Pophali - Nerale	IntraState	03/05/2018	08.23	03/05/2018	22.55	T	Distance Protection
Kharepatan -Pawas Line	IntraState	03/05/2018	09.15	03/05/2018	18.02	PO	Line Maintenance work
Jejuri (400 Kv)-Jejuri- li	IntraState	03/05/2018	09.42	03/05/2018	18.42	PO	Routine Maintenance Work
Ranjangaon-Fiat 2	IntraState	03/05/2018	11.47	03/05/2018	15.46	PO	Tan Delta Measurment.
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)
220/33kv 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
220/132Kv 200MVA ICT-I @ Akola	IntraState	03/05/2018	09.33		Continued.	PO	replacement of r-ph lv bushing of ict and oil filtration.
220/132 kv 200MVA ICT II @ Girwali	IntraState	03/05/2018	09.52	03/05/2018	17.15	PO	Tan Delta Measurment of CTs

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 03/May/2018

Statement-VII

Position as on 6.30 Hrs of 04/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 Kv 50 Mva Ptr 1 @Lonikand	IntraState	03/05/2018	11.00	03/05/2018	19.10	PO	Routine Maintenance Work