

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/May/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.123	565.754	1) Gujrat	-6.217	-20.934
2) Hydro	41.873	109.899	2) Madhya Pradesh	15.887	67.558
3) Gas	6.503	33.267	3) Chattisgarh	7.590	31.630
Total MSPGCL	192.499	708.920	4) Maharashtra Net	124.915	507.733
B) 1) APML	39.099	146.298	5) Goa (Amona)	-0.396	-1.958
2) JSWEL	29.216	110.300	Total	141.779	584.029
3) VIPL	5.071	20.323	a) Mumbai Schedule	29.210	114.245
4) RPL(AMT)	19.953	75.735	b) Mumbai Drawl	30.756	122.383
5) WPCL	4.017	15.228	c) MSEDCL Bilateral *	37.007	140.689
6) PGPL	0.000	0.000	Include PX	3.205	9.151
7) Other IPP	10.225	41.773	d) Mumbai Bilateral *	29.210	114.245
C) 1) TPCL Thermal	17.056	63.857	Include PX	12.337	47.892
2) TPCL Hydro	5.856	16.893	Include Standby	0.000	0.000
3) TPCL Gas	2.794	13.658	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.969	44.812	1) MSEDCL	429.739	1689.291
D) STATE			2) Mumbai Discoms	68.432	261.603
1) Thermal	280.729	1084.080	TOTAL STATE	498.171	1950.894
(A1+C1+C4+(B1-B6))					
2) Hydro	47.729	126.792			
(A2+C2)					
3) Gas	9.297	46.925			
(A3+B6+C3)					
4) Wind	12.299	83.084			
6) SOLAR	6.337	25.984			
TOTAL STATE	356.391	1366.865			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6147	6130	6151	5739
MSPGCL Hydro	1872	1966	1408	1850
MSPGCL Gas	289	141	218	300
MSPGCL Total Generation	8308	8237	7777	7889
Central Sector Receipt	6422	6719	5733	5463
WIND	178	529	717	548
CPP / IPP Thermal	4737	4746	4253	4213
CPP / IPP Gas	0	0	0	0
SOLAR	853	519	0	0
Exchange with Mumbai	-1674	-1602	-1317	-847
MSEDCL DEMAND MET	18824	19148	17163	17266
Load Shedding	0	0	0	0
MSEDCL DEMAND	18824	19148	17163	17266
TPCL GENERATION	1187	1289	1229	821
R-INFRA GENERATION	497	498	501	499
MUMBAI DEMAND	3358	3389	3047	2167
STATE DEMAND MET	22182	22537	20210	19433
STATE DEMAND	22182	22537	20210	19433
Frequency (Hz)	49.91	49.94	49.89	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.01 Hrs	49.7 Hz at 14.37 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 04/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	9.13	32.24	403	330
Unit 9	9.15	32.28	406	331
Unit 10	9.00	31.24	408	310
Total	27.27	95.76		
Bhusawal				
Unit 3	4.64	18.12	200	190
Unit 4	11.37	43.50	485	450
Unit 5	11.51	44.46	495	455
Total	27.52	106.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.94	21.21	244	165
Unit 7	4.88	21.26	230	180
Unit 8	3.47	18.49	211	0
Total	13.30	60.95		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.02	43.62	460	449
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.84	42.89	460	440
Unit 9	10.68	42.32	463	429
Total	32.54	128.83		
Paras				
Unit 3	5.95	22.84	252	198
Unit 4	5.93	22.81	252	196
Total	11.88	45.66		
Khaparkheda				
Unit 1	2.92	13.83	135	105
Unit 2	2.90	14.70	145	90
Unit 3	2.86	14.83	155	92
Unit 4	2.94	14.84	140	111
Unit 5	10.97	35.45	495	440
Total	22.59	93.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.53	17.51	194	183
Unit 5	4.49	17.32	194	184
Total	9.02	34.83		
Uran				
All Units	6.50	33.27	364	141
Total	6.50	33.27		
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	0.24	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.24		
Koyna				
Stage 1-2	10.22	28.30	560	45
Stage 4	21.89	52.12	1000	377
Stage 3	6.58	17.47	320	186
Total	38.69	97.90		
Hydro				
KDPH	0.82	3.26	34	33
VTRNA	0.00	0.00	0	0
TILLARI	0.42	1.68	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.45	80	0
RNGR+BHTSA	0.28	1.08	12	11
BHANDARDRA	0.48	1.93	39	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	2.13	29	18
GHATGHAR	0.47	1.47	125	0
Total	3.18	12.00		
Wind				
Total	12.30	83.08	0	0
Total	12.30	83.08		
CPP				
APML(Mus)	39.10	146.30	0	0
JSWEL(Mus)	29.22	110.30	0	0
VIPL(Mus)	5.07	20.32	0	0
RPLAMT(Mus)	19.95	75.74	0	0
WPCL(Mus)	4.02	15.23	0	0
Other(Mus)	10.22	41.77	0	0
Total	107.58	409.66		
SOLAR				
Total	6.34	25.98	0	0
Total	6.34	25.98		
Tata				
Trombay 5	11.47	41.93	488	462
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.58	8.29	75	63
Trombay 7B	1.21	5.36	53	49
Trombay 8	5.59	21.92	238	231
TATA Hydro	5.86	16.89	459	0
Total	25.71	94.41		
R-INFRA				
DTPS U-1&2	11.97	44.81	501	493
Total	11.97	44.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.12	565.75	MSPGCL Total	192.50	708.92
			MSPGCL Thml+Gas	150.63	599.02	Koyna 1,2 & 4 Total	32.11	80.43
			MSPGCL Hydro	41.87	109.90	State Total	356.39	1366.86

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/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	5764	1774	298	7836	715	4469	0	0	5587	5638	-1189	17469	0	17469	2745	20214	49.92
2	5743	1874	300	7917	602	4582	0	0	5529	5588	-1108	17581	0	17581	2516	20097	49.95
3	5739	1874	310	7923	523	4387	0	0	5413	5750	-984	17599	0	17599	2341	19940	49.96
4	5733	1869	301	7903	548	4213	0	0	5339	5612	-893	17383	0	17383	2228	19611	50.00
5	5739	1850	300	7889	548	4213	0	0	5299	5463	-847	17266	0	17266	2167	19433	49.98
6	5813	1850	303	7966	522	4409	0	0	5660	5984	-837	18044	0	18044	2181	20225	49.97
7	5912	2047	313	8272	328	4659	0	53	6111	6103	-841	18574	0	18574	2183	20757	49.96
8	6009	1931	302	8242	154	4518	0	206	5946	6035	-941	18214	0	18214	2326	20540	49.98
9	6076	1939	306	8321	162	4229	0	442	5815	5720	-1177	17697	0	17697	2628	20325	49.97
10	6077	1952	294	8323	141	4258	0	648	6099	5762	-1408	17724	0	17724	2981	20705	49.93
11	6117	1609	280	8006	159	4636	0	745	6206	5794	-1574	17766	0	17766	3242	21008	49.93
12	6147	1872	289	8308	178	4737	0	853	6787	6422	-1674	18824	0	18824	3358	22182	49.91
13	6145	1725	288	8158	241	4749	0	834	6970	6487	-1635	18834	0	18834	3367	22201	49.92
14	6147	1737	287	8171	408	4738	0	804	6625	6412	-1573	18960	0	18960	3245	22205	49.96
15	6122	1835	256	8213	470	4750	0	720	6797	6445	-1577	19021	0	19021	3334	22355	49.87
16	6130	1966	141	8237	529	4746	0	519	7130	6719	-1602	19148	0	19148	3389	22537	49.94
17	6098	2015	142	8255	690	4776	0	355	7036	6543	-1559	19060	0	19060	3329	22389	49.97
18	6135	1898	177	8210	836	4752	0	143	6171	5854	-1484	18311	0	18311	3212	21523	49.97
19	6135	746	204	7085	821	4531	0	15	5987	5738	-1471	16719	0	16719	3043	19762	49.96
20	6151	1408	218	7777	717	4253	0	0	5832	5733	-1317	17163	0	17163	3047	20210	49.89
21	6105	1538	228	7871	749	4228	0	0	5655	5461	-1316	16993	0	16993	2914	19907	49.94
22	6084	1348	288	7720	667	4214	0	0	5580	5357	-1272	16686	0	16686	2871	19557	49.93
23	6068	1647	314	8029	843	4257	0	0	5696	5453	-1207	17375	0	17375	2829	20204	49.86
24	5934	1569	364	7867	748	4269	0	0	5873	5705	-1270	17319	0	17319	2955	20274	49.86
MUs	144.12	41.87	6.50	192.50	12.30	107.58	0.00	6.34	145.14	141.78	-30.76	429.74	0.00	429.74	68.43	498.17	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 04/May/2018

Position as on 6.30 Hrs of 05/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	04/05/2018	16.54	Gas shortage	
MSPGCL	Parli Unit 8	250	03/05/2018	23.47	04/05/2018	05.35	Drum level low	
MSPGCL	Uran Unit 6	108	04/05/2018	14.46	04/05/2018	21.42	Module Problem	
MSPGCL	Uran Unit A0	120	04/05/2018	14.46	04/05/2018	20.33	Module Problem.	
MSPGCL	Koyna Unit 11	80	04/05/2018	16.50	04/05/2018	19.15	Isolator Problem.	
MSPGCL	Uran Unit A0	120	04/05/2018	23.50	05/05/2018	01.22	Steam Temperature Mal Functioning	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/May/2018

Statement-VII

Position as on 6.30 Hrs of 05/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	03/05/2018	18.59	04/05/2018	06.48	HT	Over Voltage
Chandrapur Bhadravati III	InterState	04/05/2018	09.25	04/05/2018	19.02	PO	PID Work.
Dhule Sar'Sarovar I	InterState	04/05/2018	17.30	05/05/2018	07.07	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	03/05/2018	12.49	04/05/2018	07.27	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	04/05/2018	18.47	PO	Insulator Replacement Work
New Koyna - Dabhol-I	IntraState	04/05/2018	09.43		Continued.	T	Distance Protection
Chandrapur II - Chandrapur SW Ckt II	IntraState	04/05/2018	18.09	04/05/2018	20.47	PO	Reconnect The Dropped Conductor.
Khadka-Aurangabad (Waluj)	IntraState	04/05/2018	19.54	05/05/2018	07.02	HT	Over Voltage
Chandrapur II - Chandrapur ckt I	IntraState	05/05/2018	00.03	05/05/2018	05.03	EO	Attending Hot Spot
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 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
400/220/33 Kv 500 MVA ICT-3 @Padghe	IntraState	04/05/2018	10.31	04/05/2018	19.57	PO	Scada Configuration & Isolator Alignment.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	04/05/2018	14.10	04/05/2018	14.30	T	Distance Protection
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.
Taloja II - OCIL-I	IntraState	02/05/2018	10.25		Continued.	PO	C B Overhauling At Ocil.
Pophali - Pedambe II	IntraState	04/05/2018	08.45	04/05/2018	17.00	PO	Quarterly Maintenance Work
Oni Kharepatan Line	IntraState	04/05/2018	09.06	04/05/2018	13.41	PO	Insulator Cleaning.
Padghe - Jambhul 1	IntraState	04/05/2018	09.45	04/05/2018	17.21	PO	Re Connecting T-Jumper Between Isolator To C-Bus Isolator.
Ranjangaon-Fiat 1	IntraState	04/05/2018	11.45	04/05/2018	16.15	PO	Routine Maintenance Work
Beed-Patoda Ckt 1	IntraState	04/05/2018	12.34	04/05/2018	14.57	PO	Distance Relay Testing Work
Uran - Ongc Uran	IntraState	04/05/2018	12.35	04/05/2018	16.16	PO	Bunching Work At LOC No7 To Rise Height Of Tower.
Ongc Uran - Jnpt	IntraState	04/05/2018	12.37	04/05/2018	16.18	PO	Bunching Work At LOC No7 To Rise Height Of Tower.
Temghar - Kalwa	IntraState	04/05/2018	13.07	04/05/2018	19.02	PO	Bus Section 4 For Isolator Maintenance.
Padgha-Temghar-II	IntraState	04/05/2018	13.15	04/05/2018	18.52	PO	Bus Section 4 For Isolator Maintenance.
Nalasopara-Boisar	IntraState	04/05/2018	14.49	04/05/2018	15.35	PO	Tree Cutting Work.
Patoda-Manjarsumba	IntraState	04/05/2018	15.26	04/05/2018	16.43	PO	Distance Relay Testing Work
Trombay - Kalwa	IntraState	04/05/2018	16.17	04/05/2018	17.44	T	Distance Protection
Trombay - Mulund	IntraState	04/05/2018	16.17		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	04/05/2018	16.50		Continued.	T	Distance Protection

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 04/May/2018

Statement-VII

Position as on 6.30 Hrs of 05/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TPC Borivali Aarey Line 1	IntraState	05/05/2018	00.59	05/05/2018	04.54	PO	Metro 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)
220/33kV 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-Ii	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 200 MVA ICT-III @ Nanded	IntraState	04/05/2018	09.18	04/05/2018	17.13	PO	Measurement Of IR Values Of CT.
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	04/05/2018	11.32	04/05/2018	15.50	EO	Attending Hot Spot

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