

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.999	705.753	1) Gujrat	-6.701	-27.635
2) Hydro	47.222	157.121	2) Madhya Pradesh	15.334	82.892
3) Gas	9.212	42.479	3) Chattisgarh	7.210	38.840
Total MSPGCL	196.433	905.353	4) Maharashtra Net	134.037	641.770
B) 1) APML	39.328	185.626	5) Goa (Amona)	-0.330	-2.288
2) JSWEL	28.303	138.603	Total	149.550	733.579
3) VIPL	5.073	25.396	a) Mumbai Schedule	29.915	144.160
4) RPL(AMT)	19.969	95.704	b) Mumbai Drawl	28.719	151.102
5) WPCL	4.336	19.564	c) MSEDCL Bilateral *	37.753	178.442
6) PGPL	0.000	0.000	Include PX	2.758	11.909
7) Other IPP	10.113	51.886	d) Mumbai Bilateral *	29.915	144.160
C) 1) TPCL Thermal	17.125	80.982	Include PX	11.464	59.356
2) TPCL Hydro	5.083	21.976	Include Standby	0.000	0.000
3) TPCL Gas	2.755	16.413	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.963	56.775	1) MSEDCL	442.427	2131.718
D) STATE			2) Mumbai Discoms	65.645	327.248
1) Thermal	276.209	1360.289	TOTAL STATE	508.072	2458.966
(A1+C1+C4+(B1-B6))					
2) Hydro	52.305	179.097			
(A2+C2)					
3) Gas	11.967	58.892			
(A3+B6+C3)					
4) Wind	11.827	94.911			
6) SOLAR	6.214	32.198			
TOTAL STATE	358.522	1725.387			

* 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	5897	5712	5886	5777
MSPGCL Hydro	2015	2045	2010	1886
MSPGCL Gas	384	335	401	452
MSPGCL Total Generation	8296	8092	8297	8115
Central Sector Receipt	6933	7546	5964	5515
WIND	321	555	536	533
CPP / IPP Thermal	4696	4696	4191	4227
CPP / IPP Gas	0	0	0	0
SOLAR	814	548	0	0
Exchange with Mumbai	-1560	-1527	-1196	-824
MSEDCL DEMAND MET	19500	19910	17792	17566
Load Shedding	0	0	0	0
MSEDCL DEMAND	19500	19910	17792	17566
TPCL GENERATION	1108	1157	1222	847
R-INFRA GENERATION	496	499	499	500
MUMBAI DEMAND	3164	3183	2917	2171
STATE DEMAND MET	22664	23093	20709	19737
STATE DEMAND	22664	23093	20709	19737
Frequency (Hz)	49.91	49.87	49.87	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.01 Hrs	49.58 Hz at 22.58 Hrs	49.92	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 05/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	7.86	40.10	400	283
Unit 9	8.00	40.29	401	300
Unit 10	6.98	38.22	310	240
Total	22.85	118.61		
Bhusawal				
Unit 3	4.63	22.74	200	190
Unit 4	11.35	54.84	495	450
Unit 5	11.64	56.10	500	450
Total	27.62	133.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	25.89	240	182
Unit 7	4.54	25.80	234	173
Unit 8	5.13	23.61	226	202
Total	14.35	75.30		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.01	54.63	461	455
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.85	53.74	460	444
Unit 9	10.76	53.08	459	435
Total	32.62	161.45		
Paras				
Unit 3	3.81	26.65	216	139
Unit 4	3.95	26.77	226	143
Total	7.76	53.42		
Khaparkheda				
Unit 1	3.60	17.43	160	135
Unit 2	3.76	18.47	175	150
Unit 3	3.58	18.42	160	132
Unit 4	3.50	18.34	151	134
Unit 5	11.29	46.74	500	442
Total	25.73	119.39		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.56	22.07	193	188
Unit 5	4.50	21.82	190	185
Total	9.06	43.89		
Uran				
All Units	9.21	42.48	454	286
Total	9.21	42.48		
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)	0.06	0.30	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.30		
Koyna				
Stage 1-2	12.17	40.48	560	260
Stage 4	23.67	75.79	1000	892
Stage 3	7.54	25.01	320	240
Total	43.38	141.28		
Hydro				
KDPH	0.82	4.08	34	34
VTRNA	0.00	0.00	0	0
TILLARI	0.41	2.09	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	0.77	80	0
RNGR+BHTSA	0.28	1.36	12	11
BHANDARDRA	0.49	2.42	39	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	2.55	18	17
GHATGHAR	1.10	2.57	125	0
Total	3.84	15.84		
Wind				
Total	11.83	94.91	0	0
Total	11.83	94.91		
CPP				
APML(Mus)	39.33	185.63	0	0
JSWEL(Mus)	28.30	138.60	0	0
VIPL(Mus)	5.07	25.40	0	0
RPLAMT(Mus)	19.97	95.70	0	0
WPCL(Mus)	4.34	19.56	0	0
Other(Mus)	10.11	51.89	0	0
Total	107.12	516.78		
SOLAR				
Total	6.21	32.20	0	0
Total	6.21	32.20		
Tata				
Trombay 5	11.52	53.45	488	452
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.56	9.85	72	63
Trombay 7B	1.20	6.56	52	48
Trombay 8	5.61	27.53	242	231
TATA Hydro	5.08	21.98	395	0
Total	24.96	119.37		
R-INFRA				
DTPS U-1&2	11.96	56.78	500	496
Total	11.96	56.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.00	705.75	MSPGCL Total	196.43	905.35
			MSPGCL Thml+Gas	149.21	748.23	Koyna 1,2 & 4 Total	35.84	116.27
			MSPGCL Hydro	47.22	157.12	State Total	358.52	1725.39

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 05/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	5891	1776	286	7953	673	4437	0	0	5567	5527	-1039	17551	0	17551	2729	20280	49.90
2	5884	1876	311	8071	664	4488	0	0	5511	5684	-909	17998	0	17998	2515	20513	49.94
3	5795	1946	359	8100	545	4278	0	0	5449	5738	-970	17691	0	17691	2329	20020	50.00
4	5784	1956	449	8189	560	4225	0	0	5400	5436	-913	17497	0	17497	2251	19748	49.96
5	5777	1886	452	8115	533	4227	0	0	5369	5515	-824	17566	0	17566	2171	19737	49.93
6	5888	1948	453	8289	535	4458	0	0	5865	5889	-808	18363	0	18363	2183	20546	49.94
7	5870	1927	454	8251	601	4740	0	47	6238	6346	-823	19162	0	19162	2152	21314	49.98
8	5846	1956	451	8253	400	4526	0	202	6189	6070	-863	18588	0	18588	2225	20813	49.98
9	5793	2026	449	8268	295	4311	0	421	6023	6014	-1029	18280	0	18280	2448	20728	49.96
10	5864	2078	444	8386	215	4306	0	609	6076	6083	-1306	18293	0	18293	2755	21048	49.96
11	5843	2055	405	8303	288	4560	0	750	6193	6226	-1477	18650	0	18650	3032	21682	49.91
12	5897	2015	384	8296	321	4696	0	814	7016	6933	-1560	19500	0	19500	3164	22664	49.91
13	5848	1933	335	8116	358	4700	0	848	7157	7353	-1543	19832	0	19832	3175	23007	49.93
14	5756	1965	325	8046	350	4709	0	822	6837	7179	-1526	19580	0	19580	3090	22670	49.96
15	5739	2037	335	8111	506	4682	0	682	7080	7369	-1551	19799	0	19799	3158	22957	49.90
16	5712	2045	335	8092	555	4696	0	548	7306	7546	-1527	19910	0	19910	3183	23093	49.87
17	5771	2032	315	8118	566	4712	0	338	7145	7471	-1450	19755	0	19755	3124	22879	49.93
18	5801	2002	380	8183	515	4713	0	122	6281	6631	-1406	18758	0	18758	2997	21755	49.96
19	5911	1671	407	7989	542	4415	0	11	6049	6065	-1327	17695	0	17695	2875	20570	49.93
20	5886	2010	401	8297	536	4191	0	0	5732	5964	-1196	17792	0	17792	2917	20709	49.87
21	5846	2064	411	8321	512	4182	0	0	5564	5579	-1146	17448	0	17448	2844	20292	49.89
22	5843	2059	374	8276	521	4171	0	0	5620	5500	-1185	17283	0	17283	2772	20055	49.88
23	5845	2036	348	8229	658	4188	0	0	5673	5833	-1198	17710	0	17710	2751	20461	49.81
24	5909	1923	349	8181	578	4509	0	0	5751	5599	-1143	17724	0	17724	2805	20529	49.78
MUs	140.00	47.22	9.21	196.43	11.83	107.12	0.00	6.21	147.09	149.55	-28.72	442.43	0.00	442.43	65.64	508.07	49.92

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 05/May/2018

Position as on 6.30 Hrs of 06/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	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 7	500	01/05/2018	00.00	06/05/2018	03.45	Water Shortage	
MSPGCL	Uran Unit A0	120	04/05/2018	23.50	05/05/2018	01.22	Steam Temperature Mal Functioning	
MSPGCL	Paras Unit 4	250	06/05/2018	13.55		Continued.	Coal handling plant problem.	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2018

Statement-VII

Position as on 6.30 Hrs of 06/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	04/05/2018	17.30	05/05/2018	07.07	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	05/05/2018	10.32	05/05/2018	18.56	PO	PMU Integration.
Akola Wardha li	InterState	05/05/2018	17.16	05/05/2018	19.47	T	Distance Protection
Dhule Sar'Sarovar II	InterState	05/05/2018	18.03	06/05/2018	06.34	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/05/2018	17.38		Continued.	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	04/05/2018	09.43	05/05/2018	23.27	T	Distance Protection
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
Khadka-Aurangabad (Waluj)	IntraState	05/05/2018	18.24	06/05/2018	06.19	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	06/05/2018	06.41	06/05/2018	11.29	EO	Faulty string.
Babhaleshwar - Padghe-II	IntraState	06/05/2018	13.23	06/05/2018	19.32	EO	Faulty string.
Khadka-Aurangabad (Waluj)	IntraState	06/05/2018	17.45		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.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	02/05/2018	11.04		Continued.	PO	Oil Filtration Work Due To High DGA.
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	05/05/2018	16.03	05/05/2018	18.34	HT	Tripped By WRLDC To Control OD.
Badnera - Deoli (PG)	InterState	05/05/2018	19.26		Continued.	HT	Tripped by WRLDC To Control OD.
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	05/05/2018	21.57	PO	C B Overhauling At Ocil.
Trombay - Mulund	IntraState	04/05/2018	16.17	05/05/2018	12.50	T	Distance Protection
Adlabs - Pedambe	IntraState	04/05/2018	16.50	05/05/2018	16.45	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	05/05/2018	00.59	05/05/2018	04.54	PO	Metro work
Pophali - New Koyna	IntraState	05/05/2018	09.08	05/05/2018	17.00	PO	Quarterly Maintainance Work
Wardha- Pgcil(Deoli)	IntraState	05/05/2018	16.03	05/05/2018	18.34	HT	Tripped By WRLDC (OD)
Wardha- Pgcil(Deoli)	IntraState	05/05/2018	19.26	06/05/2018	02.02	HT	At Deoli End Due To OD.
Taloja II - OCIL-I	IntraState	06/05/2018	00.46	06/05/2018	15.20	T	Distance Protection
Trombay - Kalwa	IntraState	06/05/2018	07.05	06/05/2018	11.46	PO	Line Maintenance work
Lamboti - Pandharpur li	IntraState	06/05/2018	15.12	06/05/2018	20.00	T	Distance Protection
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

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 05/May/2018

Statement-VII

Position as on 6.30 Hrs of 06/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132Kv 200MVA ICT-I @ Akola	IntraState	03/05/2018	09.33	05/05/2018	18.42	PO	replacement of r-ph lv bushing of ict and oil filtration.
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	05/05/2018	00.05	05/05/2018	00.26	T	Distance Protection