

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Apr/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.259	4434.851	1) Gujrat	1.405	31.362
2) Hydro	15.660	618.719	2) Madhya Pradesh	16.420	487.850
3) Gas	6.866	193.313	3) Chattisgarh	4.480	132.410
Total MSPGCL	175.785	5246.883	4) Maharashtra	126.994	3641.211
B) 1) APML	76.409	2111.963	5) Goa (Amona)	-0.726	-15.598
2) JSWEL	21.301	683.639	Total	148.573	4277.235
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.157	865.838
4) RPL(AMT)	4.118	320.782	b) Mumbai Drawl	37.127	944.738
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.515	538.063
6) Other IPP	11.885	371.219	Include PX	-3.381	-124.742
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.157	865.838
C) 1) TPCL Thermal	13.018	429.744	Include PX	23.173	609.246
2) TPCL Hydro	4.910	111.457	Standby	0.000	0.000
3) TPCL Gas	4.241	126.965	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.820	307.560	1) MSEDCL	439.818	12801.632
D) STATE			2) Mumbai Discoms	69.116	1920.468
1) Thermal	289.810	8659.758	TOTAL STATE	508.934	14722.100
(A1+C1+C4+(B1-B6))					
2) Hydro	20.570	730.176			
(A2+C2)					
3) Gas	11.107	320.278			
(A3+B7+C3)					
4) Wind	31.764	525.323			
6) SOLAR	7.110	209.326			
TOTAL STATE	360.361	10444.861			

* 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 5 Hrs
MSPGCL Thermal	6676	6405	5938	6352
MSPGCL Hydro	774	1078	1291	179
MSPGCL Gas	281	280	286	291
MSPGCL Total Generation	7731	7763	7515	6822
Central Sector Receipt	6889	6967	5913	6052
WIND	743	1220	1947	1182
CPP / IPP Thermal	4853	4828	4315	4126
CPP / IPP Gas	0	0	0	0
SOLAR	953	827	0	0
Exchange with Mumbai	-1942	-1861	-1723	-1175
MSEDCL DEMAND MET	19227	19744	17967	17007
Load Shedding	0	0	0	0
MSEDCL DEMAND	19227	19744	17967	17007
TPCL GENERATION	1095	1096	964	632
AEML GENERATION	386	449	375	375
MUMBAI DEMAND	3423	3406	3062	2182
STATE DEMAND MET	22650	23150	21029	19189
STATE DEMAND	22650	23150	21029	19189
Frequency (Hz)	50.04	49.99	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.02 Hrs	49.84 Hz at 21.07 Hrs	50.03	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 30/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	107.11	185	140
Unit 7	0.00	0.00	0	0
Unit 8	8.75	220.91	460	305
Unit 9	8.34	173.74	490	300
Unit 10	8.86	301.20	430	303
Total	29.77	802.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.92	305.56	505	355
Unit 5	10.86	330.04	500	350
Total	21.78	635.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.29	156.17	248	190
Total	5.29	156.17		
Chandrapur				
Unit 3	4.55	132.13	195	163
Unit 4	4.24	126.72	180	162
Unit 5	9.61	293.91	415	370
Unit 6	10.16	14.87	455	375
Unit 7	10.25	310.66	451	385
Unit 8	7.63	322.47	370	250
Unit 9	7.37	324.53	365	250
Total	53.83	1525.30		
Paras				
Unit 3	5.86	176.54	250	207
Unit 4	5.96	171.87	254	210
Total	11.82	348.41		
Khaparkheda				
Unit 1	0.00	83.04	0	0
Unit 2	3.34	94.72	145	130
Unit 3	3.68	105.26	160	140
Unit 4	3.68	119.86	160	142
Unit 5	11.37	310.82	500	380
Total	22.08	713.70		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.43	106.22	210	156
Unit 5	4.26	120.39	202	158
Total	8.69	252.71		
Uran				
All Units	6.87	193.31	301	270
Total	6.87	193.31		
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)	0.08	2.41	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.41		
Koyna				
Stage 1-2	4.63	172.76	515	40
Stage 4	6.57	256.05	996	0
Stage 3	1.69	93.67	214	0
Total	12.88	522.48		
Hydro				
KDPH	0.79	25.34	33	33
VTRNA	0.82	28.47	61	0
TILLARI	0.47	10.74	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	5.76	40	0
RNGR+BHTSA	0.26	8.23	11	10
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	12.23	11	10
GHATGHAR	0.00	4.85	0	0
Total	2.78	96.24		
Wind				
Total	31.76	525.32	0	0
Total	31.76	525.32		
CPP				
APML(Mus)	76.41	2111.96	0	0
JSWEL(Mus)	21.30	683.64	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.12	320.78	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.88	371.22	0	0
Total	113.71	3487.60		
SOLAR				
Total	7.11	209.33	0	0
Total	7.11	209.33		
Tata				
Trombay 5	8.08	276.40	405	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	80.47	116	75
Trombay 7B	1.54	46.50	66	53
Trombay 8	4.94	153.34	230	199
TATA Hydro	4.91	111.46	416	0
Total	22.17	668.17		
AEML				
DTPS U-1&2	9.82	307.56	498	374
Total	9.82	307.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.26	4434.85	MSPGCL Total	175.78	5246.88
			MSPGCL Thml+Gas	160.12	4628.16	Koyna 1,2 & 4 Total	11.20	428.82
			MSPGCL Hydro	15.66	618.72	State Total	360.36	10444.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Apr/2019

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	6514	838	288	7640	1316	5028	0	0	5711	5767	-1442	18309	0	18309	2760	21069	50.01
2	6498	468	290	7256	1317	5024	0	0	6075	6021	-1418	18200	0	18200	2536	20736	50.02
3	6434	361	291	7086	1192	4805	0	0	6186	6151	-1297	17937	0	17937	2367	20304	50.05
4	6328	173	301	6802	1140	4751	0	0	6107	6105	-1204	17594	0	17594	2240	19834	50.03
5	6352	179	291	6822	1182	4126	0	0	6064	6052	-1175	17007	0	17007	2182	19189	50.02
6	6446	592	292	7330	1134	4742	0	0	6043	6258	-1168	18296	0	18296	2206	20502	49.98
7	6558	761	291	7610	1158	4959	0	40	6137	6143	-1149	18761	0	18761	2208	20969	50.03
8	6693	113	290	7096	915	4929	0	214	6218	6148	-1279	18023	0	18023	2350	20373	50.02
9	6418	225	288	6931	836	4925	0	462	6294	6531	-1499	18186	0	18186	2668	20854	50.04
10	6794	430	285	7509	640	4965	0	696	6471	6188	-1612	18386	0	18386	3034	21420	50.08
11	6881	258	283	7422	722	4980	0	854	6729	6763	-1687	19054	0	19054	3323	22377	50.06
12	6676	774	281	7731	743	4853	0	953	6815	6889	-1942	19227	0	19227	3423	22650	50.04
13	6724	642	270	7636	952	4874	0	928	6825	6571	-1742	19219	0	19219	3430	22649	50.06
14	6430	325	278	7033	1369	4754	0	907	6761	6819	-1735	19147	0	19147	3338	22485	50.02
15	6405	1078	280	7763	1220	4828	0	827	6809	6967	-1861	19744	0	19744	3406	23150	49.99
16	6531	667	270	7468	1232	4870	0	629	6878	6670	-1744	19125	0	19125	3442	22567	50.06
17	6491	561	281	7333	1532	4825	0	419	6654	6623	-1660	19072	0	19072	3383	22455	50.04
18	6377	234	284	6895	2152	4604	0	162	6444	6295	-1587	18521	0	18521	3251	21772	50.09
19	5649	330	285	6264	2244	4388	0	19	6021	5965	-1682	17198	0	17198	3074	20272	50.04
20	5938	1291	286	7515	1947	4315	0	0	5642	5913	-1723	17967	0	17967	3062	21029	50.03
21	5976	829	288	7093	1841	4583	0	0	5752	5577	-1649	17445	0	17445	2942	20387	50.08
22	5841	1523	287	7651	1678	4420	0	0	5215	5467	-1542	17674	0	17674	2828	20502	49.97
23	6138	1726	297	8161	1689	4543	0	0	5131	5306	-1622	18077	0	18077	2813	20890	50.00
24	6167	1282	289	7738	1613	4622	0	0	5552	5384	-1708	17649	0	17649	2850	20499	50.03
MUs	153.26	15.66	6.87	175.79	31.76	113.71	0.00	7.11	148.53	148.57	-37.13	439.82	0.00	439.82	69.12	508.93	50.03

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 30/Apr/2019

Position as on 6.30 Hrs of 01/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	JSW (J) U4	300	30/04/2019	11.03		Continued.	C.W.Duct Water Line Leakage	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
IPP	Dhariwal	300	01/05/2019	00.00		Continued.	No Schedule	
MSPGCL	Paras Unit 3	250	01/05/2019	07.00		Continued.	Air heater problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 01/May/2019

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	29/04/2019	10.47	30/04/2019	08.24	PO	Replacement of Faulty String Insulators In Pid (RFC.16:50)
Dabhol Newkoyna li	InterState	30/04/2019	08.36	30/04/2019	18.07	PO	LE Scheme for Insulator String Replacement
Dhule Sar'Sarovar II	InterState	30/04/2019	08.46		Continued.	PO	Repl.of Faulty Insulator String (RFC 19.05Hrs)
Wardha (Pg) Warora I	InterState	30/04/2019	20.52	30/04/2019	23.39	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	29/04/2019	17.56	30/04/2019	09.53	HT	Over Voltage
Chandrapur - Parli	IntraState	29/04/2019	18.07	30/04/2019	17.27	T	BUS2 BUS BAR OPERATED DUE TO CT BURST AT PARLY END OF 400KV PARLY-CHANDRAPUR LINE.
Parly(MS)- Nanded ckt II	IntraState	29/04/2019	22.42	30/04/2019	00.44	EO	Attending Hot Spot On Isolator.
Ektuni-Bableswhar ckt I	IntraState	30/04/2019	10.04	30/04/2019	16.38	PO	Shifting of LBB Protection
Khadka-Aurangabad (Waluj)	IntraState	30/04/2019	17.54		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	30/04/2019	23.35	01/05/2019	00.59	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220 KV 500MVA ICT II @ Nanded	IntraState	30/04/2019	08.48	30/04/2019	20.21	PO	Routine Maintenance Work
400/220 KV 300 MVA ICT- I @Koradi	IntraState	30/04/2019	16.03	30/04/2019	18.02	EO	To attend Alarm of CTR Protection Panel
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.
PARLY (PG) - OSMANABAD	InterState	30/04/2019	09.32	30/04/2019	17.47	PO	Replacement of Disc Insulator
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Satara (MIDC)-Ajinkyatara	IntraState	30/04/2019	10.10	30/04/2019	12.47	PO	Quarterly Maintenance Work
Vita-Hiwarwadi	IntraState	30/04/2019	10.25	30/04/2019	18.21	PO	Restranging work
Taptitanda- Jalna ckt- I	IntraState	30/04/2019	10.28	30/04/2019	15.09	PO	Routine Maintenance Work
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	30/04/2019	13.37	30/04/2019	15.29	PO	Testing Work
Kalwa - Mulund 2	IntraState	30/04/2019	19.06	30/04/2019	19.58	HT	Sparking on CB at Mulund
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	30/04/2019	06.48	01/05/2019	00.30	PO	Annual Maintenance Work
200/132KV 100MVA ICT-1@Butibori	IntraState	30/04/2019	15.44	30/04/2019	17.13	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							

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 30/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 01/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.