

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.648	2210.979	1) Gujrat	1.999	13.939
2) Hydro	30.877	546.579	2) Madhya Pradesh	10.185	153.639
3) Gas	6.784	102.853	3) Chattisgarh	1.340	63.190
Total MSPGCL	202.309	2860.411	4) Maharashtra	119.672	1826.495
B) 1) APML	61.844	1039.077	5) Goa (Amona)	-0.418	-7.172
2) JSWEL	25.681	341.711	Total	132.778	2050.091
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.492	421.079
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	32.860	487.448
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.304	216.434
6) Other IPP	8.157	114.113	Include PX	-6.061	-70.470
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.492	421.079
C) 1) TPCL Thermal	12.247	195.928	Include PX	12.930	255.749
2) TPCL Hydro	6.816	62.163	Standby	0.000	0.000
3) TPCL Gas	4.351	64.514	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.490	142.352	1) MSEDCL	432.091	6396.657
D) STATE			2) Mumbai Discoms	65.767	952.402
1) Thermal	282.067	4044.160	TOTAL STATE	497.858	7349.059
(A1+C1+C4+(B1-B6))					
2) Hydro	37.693	608.742			
(A2+C2)					
3) Gas	11.135	167.367			
(A3+B7+C3)					
4) Wind	26.879	372.423			
6) SOLAR	7.303	106.279			
TOTAL STATE	365.077	5298.971			

* 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 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6877	7063	6946	6550
MSPGCL Hydro	1513	1674	1247	1300
MSPGCL Gas	278	265	283	289
MSPGCL Total Generation	8668	9002	8476	8139
Central Sector Receipt	6331	6301	5023	5042
WIND	645	687	1271	1313
CPP / IPP Thermal	3996	3987	4035	3777
CPP / IPP Gas	0	0	0	0
SOLAR	945	818	0	0
Exchange with Mumbai	-1774	-1733	-1199	-1040
MSEDCL DEMAND MET	18811	19062	17606	17231
Load Shedding	0	0	0	0
MSEDCL DEMAND	18811	19062	17606	17231
TPCL GENERATION	1033	1118	1121	696
AEML GENERATION	424	376	376	374
MUMBAI DEMAND	3231	3227	2696	2110
STATE DEMAND MET	22042	22289	20302	19341
STATE DEMAND	22042	22289	20302	19341
Frequency (Hz)	50.00	49.94	49.92	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.03 Hrs	49.91 Hz at 11.00 Hrs	49.98	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 15/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	17.72	175	150
Unit 7	0.00	0.00	0	0
Unit 8	10.24	158.87	460	355
Unit 9	11.48	131.42	519	454
Unit 10	11.48	162.98	550	367
Total	37.02	470.98		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.95	129.50	505	355
Unit 5	11.00	152.46	500	355
Total	21.95	281.96		
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	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	1.44	49.30	186	0
Unit 4	3.87	61.62	174	137
Unit 5	9.93	79.68	421	402
Unit 6	10.63	153.06	455	430
Unit 7	9.97	143.83	429	387
Unit 8	10.96	156.90	472	430
Unit 9	10.61	145.76	477	415
Total	57.40	790.14		
Paras				
Unit 3	6.11	84.80	258	252
Unit 4	6.03	85.45	260	250
Total	12.14	170.25		
Khaparkheda				
Unit 1	3.24	38.40	145	105
Unit 2	3.20	51.38	145	110
Unit 3	3.39	56.06	150	134
Unit 4	3.33	56.16	145	130
Unit 5	10.45	162.63	475	400
Total	23.60	364.62		
Nasik				
Unit 3	4.04	7.12	205	152
Unit 4	4.30	63.62	210	161
Unit 5	4.20	62.30	205	160
Total	12.54	133.04		
Uran				
All Units	6.78	102.85	299	265
Total	6.78	102.85		
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)	0.03	1.13	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	1.13		
Koyna				
Stage 1-2	4.02	103.28	355	40
Stage 4	18.77	303.98	1005	254
Stage 3	5.30	88.87	240	206
Total	28.09	496.13		
Hydro				
KDPH	0.62	10.44	26	26
VTRNA	0.80	12.15	61	0
TILLARI	0.41	6.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	3.01	40	0
RNGR+BHTSA	0.24	3.76	11	10
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	5.41	16	15
GHATGHAR	0.00	6.90	0	0
Total	2.79	50.45		
Wind				
Total	26.88	372.42	0	0
Total	26.88	372.42		
CPP				
APML(Mus)	61.84	1039.08	0	0
JSWEL(Mus)	25.68	341.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.16	114.11	0	0
Total	95.68	1494.90		
SOLAR				
Total	7.30	106.28	0	0
Total	7.30	106.28		
Tata				
Trombay 5	9.99	124.86	481	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	41.07	117	115
Trombay 7B	1.57	23.45	66	65
Trombay 8	2.25	71.07	231	13
TATA Hydro	6.82	62.16	459	0
Total	23.41	322.60		
AEML				
DTPS U-1&2	9.49	142.35	500	373
Total	9.49	142.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.65	2210.98	MSPGCL Total	202.31	2860.41
			MSPGCL Thml+Gas	171.43	2313.83	Koyna 1,2 & 4 Total	22.79	407.26
			MSPGCL Hydro	30.88	546.58	State Total	365.08	5298.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/May/2019

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	7141	1646	287	9074	1134	3993	0	0	5040	4745	-1204	17742	0	17742	2637	20379	50.00
2	6993	1356	287	8636	1285	3999	0	0	4991	5222	-1039	18103	0	18103	2435	20538	49.98
3	6932	929	289	8150	1341	4005	0	0	5361	5293	-1119	17670	0	17670	2271	19941	49.98
4	6663	766	299	7728	1776	3837	0	0	5239	5243	-1096	17488	0	17488	2160	19648	49.99
5	6550	1300	289	8139	1313	3777	0	0	5173	5042	-1040	17231	0	17231	2110	19341	49.92
6	6800	1162	290	8252	1375	3929	0	0	5422	5429	-1092	17893	0	17893	2166	20059	50.00
7	6914	1146	289	8349	1347	3970	0	42	5649	5608	-1030	18286	0	18286	2142	20428	50.01
8	6553	1121	289	7963	997	3969	0	260	5479	5640	-1146	17683	0	17683	2274	19957	50.02
9	6528	1178	286	7992	975	3979	0	528	5553	5553	-1354	17673	0	17673	2567	20240	50.07
10	6457	1390	282	8129	946	4012	0	727	5762	5730	-1499	18045	0	18045	2899	20944	49.97
11	6478	1379	279	8136	871	4011	0	867	6089	6052	-1676	18261	0	18261	3130	21391	49.92
12	6877	1513	278	8668	645	3996	0	945	6300	6331	-1774	18811	0	18811	3231	22042	50.00
13	7063	1339	268	8670	589	4025	0	946	6319	6000	-1597	18633	0	18633	3214	21847	49.98
14	7075	1244	276	8595	622	4015	0	896	6270	6245	-1593	18780	0	18780	3144	21924	49.93
15	7063	1674	265	9002	687	3987	0	818	6318	6301	-1733	19062	0	19062	3227	22289	49.94
16	7112	1722	277	9111	802	4037	0	636	6334	6149	-1765	18970	0	18970	3259	22229	49.98
17	7055	1417	268	8740	1111	4019	0	445	6128	6090	-1699	18706	0	18706	3192	21898	50.00
18	6904	1475	280	8659	1374	4013	0	173	5633	5634	-1588	18265	0	18265	3084	21349	50.05
19	6811	1253	282	8346	1514	3958	0	20	5025	4638	-1407	17069	0	17069	2902	19971	50.03
20	6924	1023	283	8230	1402	4031	0	0	5059	5062	-1349	17376	0	17376	2846	20222	50.00
21	6933	1128	285	8346	1355	4050	0	0	4894	4768	-1271	17248	0	17248	2767	20015	49.94
22	6946	1247	283	8476	1271	4035	0	0	4794	5023	-1199	17606	0	17606	2696	20302	49.92
23	6964	1202	287	8453	1107	4004	0	0	5235	5561	-1243	17882	0	17882	2689	20571	49.96
24	6912	1267	286	8465	1040	4031	0	0	5328	5419	-1347	17608	0	17608	2722	20330	49.98
MUs	164.65	30.88	6.78	202.31	26.88	95.68	0.00	7.30	133.39	132.78	-32.86	432.09	0.00	432.09	65.76	497.85	49.98

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 15/May/2019

Position as on 6.30 Hrs of 16/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	
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.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
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	Adani U-1	660	13/05/2019	10.24		Continued.	APH-A Hot PA Bellow Leakage	
MSPGCL	Chandrapur Unit 3	210	15/05/2019	00.41	15/05/2019	15.50	Air Heater Motor Replacement Work.	
TPC_G	Trombay 8	250	15/05/2019	11.03		Continued.	Problem in Cooling water system	
MSPGCL	Khaparkheda Unit 3	210	16/05/2019	05.43		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2019

Statement-VII

Position as on 6.30 Hrs of 16/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 II	InterState	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Dhule Khandwa II	InterState	14/05/2019	10.14	15/05/2019	19.05	PO	Outage Work.
Chandrapur-II - Warora - I	InterState	15/05/2019	07.03	15/05/2019	17.25	PO	Routine Maintenance Work
Koradi Bhilai	InterState	15/05/2019	08.31	15/05/2019	22.44	PO	Annual Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	13/05/2019	18.33	15/05/2019	09.30	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	15/05/2019	06.25	15/05/2019	12.30	PO	Cold Line Insulator Washing.
Jaigad-New Koyna Ckt-II	IntraState	15/05/2019	12.07	15/05/2019	14.38	T	Distance Protection zone1
Khadka-Aurangabad (Waluj)	IntraState	15/05/2019	17.38		Continued.	HT	Over Voltage
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 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.
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	15/05/2019	08.05	15/05/2019	14.08	PO	Tan Delta of Busing and CTs
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	15/05/2019	09.39	15/05/2019	15.26	PO	Fixing of IPS Tube
400/220 kV 500MVA ICT-I @ Alkud	IntraState	15/05/2019	15.55	16/05/2019	00.00	T	Differential 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	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.
Kandalgaon - Sona Alloys	IntraState	14/05/2019	13.54	15/05/2019	05.10	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/05/2019	00.22	15/05/2019	00.44	T	Distance Protection, Zone1, R-Ph.
Parly-Parly Extn-I	IntraState	15/05/2019	06.25	15/05/2019	11.14	EO	To attend Hot Spot
Kanhan-Bhandara 2	IntraState	15/05/2019	07.22	15/05/2019	16.32	PO	Testing Work
karad - Dasgaon	IntraState	15/05/2019	09.15	15/05/2019	17.11	PO	Wave Trap Jumper replacement work
Lamboti -Solapur li(Bale) Ckt- li	IntraState	15/05/2019	09.20	15/05/2019	11.35	PO	Quarterly Maintenance Work
Karad - Vita Ckt- II	IntraState	15/05/2019	09.40	15/05/2019	15.54	PO	Restranging work
Beed-Manjarsumba	IntraState	15/05/2019	10.05	15/05/2019	13.40	PO	Quarterly Maintainance Work
Parli 3(Old Gcr)-Parli Newtps Ckt-2	IntraState	15/05/2019	10.12	15/05/2019	14.56	PO	Quarterly Maintainance Work
Lonand-Bothe	IntraState	15/05/2019	11.35	15/05/2019	14.12	PO	Tan Delta of CTs
Nashik-Padgha	IntraState	15/05/2019	14.02	15/05/2019	14.56	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/05/2019	19.20	15/05/2019	19.46	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucholz Trip.
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	15/05/2019	08.05	15/05/2019	11.45	PO	Tan Delta of HV and LV CTs
220/100 Kv 200 Mva Bhel Ict 1	IntraState	15/05/2019	09.03	15/05/2019	20.30	PO	CB Overhauling work

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 15/May/2019

Statement-VII

Position as on 6.30 Hrs of 16/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Kalwa							
100 MVA T/F I @ Oglewadi	IntraState	15/05/2019	10.00	15/05/2019	12.30	PO	Premonsoon maint.work
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	15/05/2019	10.02	15/05/2019	17.42	PO	OLTC Overhauling
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	15/05/2019	11.55	15/05/2019	16.00	PO	Tan Delta of HV&LV CTs
220/132 Kv 100 Mva Ict 2 @Bhokardan	IntraState	15/05/2019	15.58	15/05/2019	18.06	PO	Premonsoon maint.work
132 KV LINE Outages/Trippings							
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.