

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/May/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	168.369	2046.331	1) Gujrat	3.129	11.940
2) Hydro	34.096	515.702	2) Madhya Pradesh	8.244	143.454
3) Gas	6.834	96.069	3) Chattisgarh	3.120	61.850
Total MSPGCL	209.299	2658.102	4) Maharashtra	114.984	1706.823
B) 1) APLM	62.351	977.233	5) Goa (Amona)	-0.506	-6.754
2) JSWEL	26.114	316.030	Total	128.971	1917.313
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.471	393.587
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.087	454.588
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.847	202.130
6) Other IPP	8.744	105.956	Include PX	-4.899	-64.409
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.471	393.587
C) 1) TPCL Thermal	14.315	183.681	Include PX	11.939	242.819
2) TPCL Hydro	6.119	55.347	Standby	0.000	0.000
3) TPCL Gas	4.337	60.163	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.178	132.862	1) MSEDCL	434.579	5964.566
D) STATE			2) Mumbai Discoms	66.037	886.635
1) Thermal	290.071	3762.093	TOTAL STATE	500.616	6851.201
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	40.215	571.049			
3) Gas (A3+B7+C3)	11.171	156.232			
4) Wind	22.544	345.544			
6) SOLAR	7.643	98.976			
TOTAL STATE	371.644	4933.894			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7017	6984	7014	6907
MSPGCL Hydro	1874	1698	1540	961
MSPGCL Gas	270	278	286	289
MSPGCL Total Generation	9161	8960	8840	8157
Central Sector Receipt	5646	5866	4780	5381
WIND	476	663	1166	1045
CPP / IPP Thermal	4070	4083	4113	3929
CPP / IPP Gas	0	0	0	0
SOLAR	981	967	0	0
Exchange with Mumbai	-1641	-1407	-1335	-1035
MSEDCL DEMAND MET	18693	19132	17564	17477
Load Shedding	0	0	0	0
MSEDCL DEMAND	18693	19132	17564	17477
TPCL GENERATION	1188	1329	1057	708
AEML GENERATION	433	496	375	374
MUMBAI DEMAND	3262	3232	2767	2117
STATE DEMAND MET	21955	22364	20331	19594
STATE DEMAND	21955	22364	20331	19594
Frequency (Hz)	50.01	49.98	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 10.02 Hrs	49.77 Hz at 22.09 Hrs	49.99	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 14/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.75	13.90	205	61
Unit 7	0.00	0.00	0	0
Unit 8	10.52	148.62	480	375
Unit 9	11.18	119.94	505	378
Unit 10	11.10	151.50	551	369
Total	36.55	433.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.90	118.54	505	475
Unit 5	11.38	141.46	500	425
Total	23.28	260.00		
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	4.64	47.86	195	190
Unit 4	4.13	57.75	175	135
Unit 5	9.89	69.75	420	405
Unit 6	10.74	142.43	450	440
Unit 7	9.52	133.86	432	340
Unit 8	11.01	145.94	480	400
Unit 9	10.77	135.15	470	395
Total	60.70	732.74		
Paras				
Unit 3	6.11	78.68	258	252
Unit 4	6.04	79.42	260	240
Total	12.15	158.10		
Khaparkheda				
Unit 1	3.20	35.16	145	100
Unit 2	2.82	48.18	145	100
Unit 3	3.41	52.67	150	135
Unit 4	3.37	52.83	142	137
Unit 5	10.71	152.18	490	415
Total	23.52	341.02		
Nasik				
Unit 3	3.08	3.08	202	0
Unit 4	4.68	59.32	210	160
Unit 5	4.41	58.10	198	160
Total	12.17	120.50		
Uran				
All Units	6.83	96.07	300	269
Total	6.83	96.07		
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)	0.05	1.10	18	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.10		
Koyna				
Stage 1-2	6.06	99.25	515	40
Stage 4	19.93	285.21	1000	404
Stage 3	5.11	83.58	240	138
Total	31.09	468.04		
Hydro				
KDPH	0.65	9.82	27	26
VTRNA	0.94	11.36	60	0
TILLARI	0.54	6.01	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.67	40	0
RNGR+BHTSA	0.24	3.52	11	10
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	5.04	15	14
GHATGHAR	0.00	6.90	0	0
Total	3.01	47.66		
Wind				
Total	22.54	345.54	0	0
Total	22.54	345.54		
CPP				
APML(Mus)	62.35	977.23	0	0
JSWEL(Mus)	26.11	316.03	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)	8.74	105.96	0	0
Total	97.21	1399.22		
SOLAR				
Total	7.64	98.98	0	0
Total	7.64	98.98		
Tata				
Trombay 5	9.22	114.86	480	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	38.28	117	114
Trombay 7B	1.57	21.88	66	65
Trombay 8	5.10	68.82	233	199
TATA Hydro	6.12	55.35	459	0
Total	24.77	299.19		
AEML				
DTPS U-1&2	10.18	132.86	499	373
Total	10.18	132.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	168.37	2046.33	MSPGCL Total	209.30	2658.10
			MSPGCL Thml+Gas	175.20	2142.40	Koyna 1,2 & 4 Total	25.98	384.46
			MSPGCL Hydro	34.10	515.70	State Total	371.64	4933.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	6860	1490	288	8638	1369	4043	0	0	5270	5348	-1179	18219	0	18219	2634	20853	50.00
2	6940	1208	297	8445	1536	4041	0	0	5051	5050	-1047	18025	0	18025	2448	20473	50.03
3	7022	1013	289	8324	1372	4050	0	0	4996	5048	-989	17805	0	17805	2279	20084	50.00
4	6947	1020	290	8257	1203	4036	0	0	5210	5282	-1080	17698	0	17698	2162	19860	50.03
5	6907	961	289	8157	1045	3929	0	0	5205	5381	-1035	17477	0	17477	2117	19594	50.00
6	7174	1508	300	8982	959	3963	0	1	5351	5233	-955	18183	0	18183	2186	20369	50.01
7	7086	1321	291	8698	819	4007	0	58	5529	5603	-819	18366	0	18366	2161	20527	49.99
8	7034	1290	289	8613	597	4031	0	367	5433	5474	-1109	17973	0	17973	2280	20253	50.00
9	7030	1437	287	8754	500	4042	0	542	5444	5290	-1324	17804	0	17804	2573	20377	50.03
10	6982	1614	284	8880	441	4062	0	785	5687	5607	-1493	18282	0	18282	2923	21205	50.02
11	6982	1442	280	8704	492	4060	0	912	5890	5903	-1640	18431	0	18431	3144	21575	50.03
12	7017	1874	270	9161	476	4070	0	981	5969	5646	-1641	18693	0	18693	3262	21955	50.01
13	6984	1698	278	8960	663	4083	0	967	6042	5866	-1407	19132	0	19132	3232	22364	49.98
14	6975	997	278	8250	677	4058	0	954	6030	6217	-1458	18698	0	18698	3149	21847	50.00
15	7026	1443	278	8747	759	4051	0	810	6038	6074	-1701	18740	0	18740	3215	21955	49.93
16	7061	1606	269	8936	820	4062	0	673	6027	5857	-1516	18832	0	18832	3287	22119	50.00
17	7035	1656	280	8971	846	4044	0	408	5792	5744	-1397	18616	0	18616	3241	21857	49.97
18	6836	1835	282	8953	1087	4075	0	164	5322	5227	-1279	18227	0	18227	3122	21349	50.00
19	6963	1137	282	8382	1300	4057	0	21	4757	4721	-1208	17273	0	17273	2932	20205	49.96
20	6945	1355	283	8583	1255	4063	0	0	4974	4689	-1312	17278	0	17278	2865	20143	49.94
21	7014	1540	286	8840	1166	4113	0	0	4771	4780	-1335	17564	0	17564	2767	20331	49.99
22	7177	1509	284	8970	1115	4095	0	0	4708	4785	-1338	17627	0	17627	2686	20313	49.93
23	7222	1460	284	8966	1080	4091	0	0	5075	5123	-1423	17837	0	17837	2670	20507	49.88
24	7150	1682	296	9128	967	4083	0	0	5079	5023	-1402	17799	0	17799	2701	20500	49.97
MUs	168.37	34.10	6.83	209.30	22.54	97.21	0.00	7.64	129.65	128.97	-31.09	434.58	0.00	434.58	66.04	500.61	49.99

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 14/May/2019

Position as on 6.30 Hrs of 15/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)	
MSPGCL	Chandrapur Unit 3	210	15/05/2019	00:41		Continued.	Air heater problem	
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	14/05/2019	00:22	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
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	Nasik Unit 3	210	14/05/2019	17:05	14/05/2019	20:42	H P Heater level high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/May/2019

Position as on 6.30 Hrs of 15/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	15/05/2019	00.41		Continued.	Air Heater 3A Motor Replacement Work.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2019

Statement-VII

Position as on 6.30 Hrs of 15/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 I	InterState	12/05/2019	09.30	14/05/2019	09.45	PO	Work At Khandwa End.
Aurangabad Boisar PG-I	InterState	14/05/2019	09.28		Continued.	PO	AMC & Outage Work.
Dhule Khandwa II	InterState	14/05/2019	10.14		Continued.	PO	Outage Work.
Khadka-Aurangabad (Waluj)	IntraState	13/05/2019	18.33		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/05/2019	06.06	14/05/2019	13.26	PO	Chemical Treatment on Insulator
Kharghar-Talegaon(PG)	IntraState	15/05/2019	06.25		Continued.	PO	Cold Line Insulator Washing.
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.
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	14/05/2019	09.18	14/05/2019	21.15	PO	Replacement of B-Ph Unit Neutral Bushing.
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.
Karad - Vita Ckt- II	IntraState	14/05/2019	10.06	14/05/2019	16.27	PO	Restranging of Conductor.
ACCIL - Apta	IntraState	14/05/2019	11.10	14/05/2019	20.23	EO	Earth Wire Replacement Work By OPGW.
Hingoli- Girawali	IntraState	14/05/2019	11.52	14/05/2019	13.03	T	Distance Protection Operated 46.95KM. R-Ph. Z1. FI-1.9KA.
Kandalgaon - Sona Alloys	IntraState	14/05/2019	13.54	15/05/2019	05.10	T	Distance Protection
Lonand Sona Alloys	IntraState	14/05/2019	13.54	14/05/2019	14.34	T	Tripped On Z3, B-Ph.
WALCHANDNAGAR - PHALTAN MIDC	IntraState	14/05/2019	14.20	14/05/2019	16.26	PO	Insulator String Replacement.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/05/2019	00.22	15/05/2019	00.44	T	Distance Protection, Zone1, R-Ph.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	14/05/2019	09.45	14/05/2019	10.45	PO	Premansoon Maintenance Work.
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	14/05/2019	10.40	14/05/2019	13.25	EO	Premansoon Maintenance Work.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	14/05/2019	11.16	14/05/2019	14.12	EO	Attending Maintenance Work.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	14/05/2019	15.14	14/05/2019	15.57	PO	To Connect buccholz Relay.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	14/05/2019	16.10	14/05/2019	16.30	PO	To Connect Buccholz Relay.
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.

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