

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/May/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.476	1193.793	1) Gujrat	5.922	101.746
2) Hydro	5.707	258.524	2) Madhya Pradesh	10.242	194.457
3) Gas	6.643	98.699	3) Chattisgarh	7.540	123.880
Total MSPGCL	116.826	1551.016	4) Maharashtra	129.322	2118.213
B) 1) APML	65.100	1030.577	5) Goa (Amona)	-0.704	-6.688
2) JSWEL	16.221	236.417	Total	152.322	2531.608
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.297	348.282
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.999	363.638
5) WPCL	2.393	39.836	c) MSEDCL Bilateral *	45.944	899.903
6) Other IPP	9.537	115.133	Include PX	20.726	544.500
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.297	348.282
C) 1) TPCL Thermal	7.380	99.594	Include PX	15.915	247.589
2) TPCL Hydro	5.624	75.986	Standby	0.000	0.000
3) TPCL Gas	4.400	65.869	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.696	142.380	1) MSEDCL	354.400	5496.542
D) STATE			2) Mumbai Discoms	51.099	747.460
1) Thermal	214.803	2857.730	TOTAL STATE	405.499	6244.002
(A1+C1+C4+(B1-B6))					
2) Hydro	11.331	334.510			
(A2+C2)					
3) Gas	11.043	164.568			
(A3+B7+C3)					
4) Wind	9.517	244.718			
6) SOLAR	6.483	110.875			
TOTAL STATE	253.177	3712.401			

* 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 4 Hrs
MSPGCL Thermal	4049	4626	4581	4553
MSPGCL Hydro	195	342	201	152
MSPGCL Gas	273	273	290	274
MSPGCL Total Generation	4517	5241	5072	4979
Central Sector Receipt	7121	7445	5673	5149
WIND	238	216	722	332
CPP / IPP Thermal	3776	3968	3857	3968
CPP / IPP Gas	0	0	0	0
SOLAR	892	692	0	0
Exchange with Mumbai	-1146	-939	-976	-798
MSEDCL DEMAND MET	15398	16623	14348	13630
Load Shedding	0	0	0	0
MSEDCL DEMAND	15398	16623	14348	13630
TPCL GENERATION	573	781	897	795
AEML GENERATION	375	450	377	499
MUMBAI DEMAND	2094	2170	2250	2092
STATE DEMAND MET	17492	18793	16598	15722
STATE DEMAND	17492	18793	16598	15722
Frequency (Hz)	49.99	49.94	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:01 Hrs	49.75 Hz at 13:49 Hrs	50	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/2020

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	0.00	0.00	0	0
Unit 9	11.28	14.66	520	395
Unit 10	0.00	0.00	0	0
Total	11.28	14.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	7.59	0	0
Unit 8	4.94	52.62	229	187
Total	4.94	60.21		
Chandrapur				
Unit 3	4.20	13.96	190	163
Unit 4	3.94	12.70	170	160
Unit 5	9.84	38.21	460	365
Unit 6	9.60	150.46	470	361
Unit 7	0.00	99.20	0	0
Unit 8	10.77	166.33	500	360
Unit 9	10.05	153.23	450	360
Total	48.40	634.08		
Paras				
Unit 3	5.49	66.85	256	190
Unit 4	5.58	84.66	257	200
Total	11.07	151.51		
Khaparkheda				
Unit 1	4.12	15.46	185	150
Unit 2	4.39	47.72	190	165
Unit 3	4.50	47.31	190	175
Unit 4	4.55	63.14	195	168
Unit 5	11.22	159.70	500	420
Total	28.79	333.34		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.64	98.70	295	263
Total	6.64	98.70		
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)	0.31	2.27	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.31	2.27		
Koyna				
Stage 1-2	2.16	74.10	290	40
Stage 4	0.29	107.97	164	0
Stage 3	0.20	39.69	80	0
Total	2.66	221.75		
Hydro				
KDPH	0.77	11.36	32	32
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	4.23	80	0
RNGR+BHTSA	0.27	4.11	12	11
BHANDARDRA	0.48	7.07	39	11
ELDARY	0.52	1.13	22	21
SMLHY_PTN	0.65	8.88	36	24
GHATGHAR	0.00	0.00	0	0
Total	3.05	36.77		
Wind				
Total	9.52	244.72	0	0
Total	9.52	244.72		
CPP				
APML(Mus)	65.10	1030.58	0	0
JSWEL(Mus)	16.22	236.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.39	39.84	0	0
Other(Mus)	9.54	115.13	0	0
Total	93.25	1421.96		
SOLAR				
Total	6.48	110.88	0	0
Total	6.48	110.88		
Tata				
Trombay 5	7.38	99.59	316	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	42.08	117	116
Trombay 7B	1.59	23.79	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.62	75.99	413	54
Total	17.40	241.45		
AEML				
DTPS U-1&2	9.70	142.38	503	373
Total	9.70	142.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.48	1193.79	MSPGCL Total	116.83	1551.02
			MSPGCL Thml+Gas	111.12	1292.49	Koyna 1,2 & 4 Total	2.45	182.06
			MSPGCL Hydro	5.71	258.52	State Total	253.18	3712.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/May/2020

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	4066	232	284	4582	614	3820	0	0	6117	6297	-1184	14129	0	14129	2438	16567	50.00
2	4399	392	275	5066	337	3903	0	0	5771	5757	-995	14068	0	14068	2308	16376	50.02
3	4482	152	293	4927	317	3971	0	0	5667	5702	-871	14046	0	14046	2196	16242	50.00
4	4553	152	274	4979	332	3968	0	0	5563	5149	-798	13630	0	13630	2092	15722	50.02
5	4563	151	295	5009	524	3991	0	0	5648	5576	-838	14262	0	14262	2039	16301	50.03
6	4568	158	284	5010	404	3976	0	0	6288	6012	-929	14473	0	14473	2034	16507	50.04
7	4551	170	275	4996	362	3960	0	52	6763	6601	-935	15036	0	15036	1929	16965	50.07
8	4387	153	293	4833	217	3844	0	186	6724	6732	-976	14836	0	14836	1893	16729	50.03
9	4115	216	270	4601	250	3846	0	432	6665	6482	-1029	14582	0	14582	1950	16532	50.03
10	4029	450	278	4757	202	3862	0	638	6407	6540	-1041	14958	0	14958	2022	16980	49.97
11	4025	300	266	4591	159	3861	0	808	6638	6493	-1126	14786	0	14786	2071	16857	49.98
12	4049	195	273	4517	238	3776	0	892	7024	7121	-1146	15398	0	15398	2094	17492	49.99
13	4085	163	271	4519	193	3721	0	891	7154	7530	-1193	15661	0	15661	2124	17785	49.92
14	4373	278	263	4914	221	3826	0	786	7192	7396	-1134	16009	0	16009	2150	18159	49.94
15	4626	342	273	5241	216	3968	0	692	7224	7445	-939	16623	0	16623	2170	18793	49.94
16	4639	461	266	5366	210	3969	0	548	7488	7338	-949	16482	0	16482	2232	18714	49.95
17	4621	223	276	5120	294	3967	0	385	7103	6957	-903	15820	0	15820	2131	17951	50.03
18	4191	152	267	4610	310	3822	0	144	6514	6440	-1014	14312	0	14312	1983	16295	50.04
19	3946	166	279	4391	602	3769	0	29	6007	6058	-985	13864	0	13864	1919	15783	50.03
20	4104	299	279	4682	682	3809	0	0	5507	5617	-860	13930	0	13930	2077	16007	49.99
21	4234	250	269	4753	500	3826	0	0	5532	5610	-909	13780	0	13780	2175	15955	50.00
22	4581	201	290	5072	722	3857	0	0	5456	5673	-976	14348	0	14348	2250	16598	50.00
23	4646	225	279	5150	707	3959	0	0	5893	5797	-1058	14555	0	14555	2335	16890	49.97
24	4643	226	271	5140	904	3980	0	0	6120	5999	-1211	14812	0	14812	2487	17299	50.02
MUs	104.48	5.71	6.64	116.83	9.52	93.25	0.00	6.48	152.46	152.32	-24.00	354.40	0.00	354.40	51.10	405.50	50.00

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/2020

Position as on 6.30 Hrs of 16/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/May/2020

Position as on 6.30 Hrs of 16/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	14/05/2020	21.30		Continued.	malfunction of over speed device	
IPP	SWPGL U-2	135	15/05/2020	11.05	15/05/2020	13.23	DH Oil Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2020

Statement-VII

Position as on 6.30 Hrs of 16/May/2020

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	30/04/2020	17.40		Continued.	HT	Over Voltage
Akola Wardha I	InterState	15/05/2020	19.18	15/05/2020	21.11	EO	Insulator String Jumper Broken at Wardha PG
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Chandrapur - Parli	IntraState	19/04/2020	02.20	15/05/2020	20.19	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21	15/05/2020	18.52	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Girwali - Lonikand 1	IntraState	11/05/2020	12.20	15/05/2020	20.29	PO	Changing 400KV CT Ratio(RFC 18.35Hrs To Control Loading Parli -Parli PG)
Dhule- Bableshwar - I	IntraState	13/05/2020	18.23		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/05/2020	18.27	15/05/2020	11.55	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/05/2020	18.12		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	14/05/2020	18.29		Continued.	T	Distance Protection
karad -kolhapur-I	IntraState	14/05/2020	20.40	15/05/2020	09.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/05/2020	19.14		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 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	11/05/2020	06.18		Continued.	PO	Over Voltage
400/220KV 500MVA ICT-II@Taptitanda	IntraState	15/05/2020	11.17	15/05/2020	19.03	PO	Measurement of ICT-II B Phase CT Tan Delta work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Deepnagar Bambhori	IntraState	14/05/2020	16.39	15/05/2020	06.05	T	Distance Protection
Waluj - Degaon Rangari	IntraState	15/05/2020	07.27	15/05/2020	11.32	PO	Fixing of Vibration Damper
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	15/05/2020	08.36		Continued.	PO	Disc replacement work
Deepnagar Bambhori	IntraState	15/05/2020	17.16		Continued.	T	Distance Protection
Sawantwadi-Bidri	IntraState	15/05/2020	19.52		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	09/05/2020	14.06		Continued.	PO	Oil Filtration work
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	15/05/2020	10.03	15/05/2020	18.38	PO	Routine Maintenance Work

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