

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/May/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.101	1297.894	1) Gujrat	4.678	106.424
2) Hydro	8.298	266.822	2) Madhya Pradesh	8.971	203.428
3) Gas	6.657	105.356	3) Chattisgarh	7.240	131.120
Total MSPGCL	119.056	1670.072	4) Maharashtra	125.296	2242.779
B) 1) APLM	65.023	1095.600	5) Goa (Amona)	-0.528	-7.216
2) JSWEL	16.334	252.751	Total	145.657	2676.535
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.416	370.698
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.713	388.351
5) WPCL	2.695	42.531	c) MSEDCL Bilateral *	38.251	938.154
6) Other IPP	9.229	124.362	Include PX	13.052	557.552
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.416	370.698
C) 1) TPCL Thermal	7.379	106.973	Include PX	15.751	263.341
2) TPCL Hydro	5.302	81.288	Standby	0.000	0.000
3) TPCL Gas	4.398	70.267	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.131	151.511	1) MSEDCL	354.166	5849.978
D) STATE			2) Mumbai Discoms	50.923	798.383
1) Thermal	213.892	3071.622	TOTAL STATE	405.089	6648.361
(A1+C1+C4+(B1-B6))					
2) Hydro	13.600	348.110			
(A2+C2)					
3) Gas	11.055	175.623			
(A3+B7+C3)					
4) Wind	14.593	259.311			
6) SOLAR	6.292	117.167			
TOTAL STATE	259.432	3971.833			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3839	4302	4296	4587
MSPGCL Hydro	492	688	278	236
MSPGCL Gas	266	273	283	271
MSPGCL Total Generation	4597	5263	4857	5094
Central Sector Receipt	6595	7505	5443	5227
WIND	254	344	795	791
CPP / IPP Thermal	3706	3851	3871	3991
CPP / IPP Gas	0	0	0	0
SOLAR	870	518	0	0
Exchange with Mumbai	-1071	-1124	-1121	-894
MSEDCL DEMAND MET	14951	16357	13845	14209
Load Shedding	0	0	0	0
MSEDCL DEMAND	14951	16357	13845	14209
TPCL GENERATION	592	679	784	796
AEML GENERATION	374	374	374	425
MUMBAI DEMAND	2037	2177	2279	2115
STATE DEMAND MET	16988	18534	16124	16324
STATE DEMAND	16988	18534	16124	16324
Frequency (Hz)	50.00	49.97	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17:03 Hrs	49.84 Hz at 14:14 Hrs	50.01	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 16/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	11.07	25.72	510	279
Unit 10	0.00	0.00	0	0
Total	11.07	25.72		
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	3.81	56.42	243	0
Total	3.81	64.01		
Chandrapur				
Unit 3	4.19	18.15	185	163
Unit 4	3.93	16.63	167	160
Unit 5	10.01	48.22	460	360
Unit 6	10.22	160.68	477	360
Unit 7	0.00	99.20	0	0
Unit 8	10.59	176.92	480	360
Unit 9	10.31	163.54	450	370
Total	49.25	683.33		
Paras				
Unit 3	5.81	72.66	253	200
Unit 4	5.91	90.57	258	202
Total	11.72	163.23		
Khaparkheda				
Unit 1	3.99	19.45	180	135
Unit 2	4.34	52.06	185	160
Unit 3	4.46	51.78	195	158
Unit 4	4.33	67.48	190	160
Unit 5	11.14	170.84	495	370
Total	28.26	361.60		
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	6.66	105.36	294	263
Total	6.66	105.36		
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)	0.49	2.76	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.49	2.76		
Koyna				
Stage 1-2	3.43	77.52	470	40
Stage 4	0.69	108.65	252	0
Stage 3	1.28	40.97	132	0
Total	5.40	227.15		
Hydro				
KDPH	0.77	12.13	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.	0.31	4.54	80	0
RNGR+BHTSA	0.27	4.38	12	11
BHANDARDRA	0.47	7.54	38	11
ELDARY	0.52	1.65	22	21
SMLHY_PTN	0.56	9.44	32	21
GHATGHAR	0.00	0.00	0	0
Total	2.90	39.67		
Wind				
Total	14.59	259.31	0	0
Total	14.59	259.31		
CPP				
APML(Mus)	65.02	1095.60	0	0
JSWEL(Mus)	16.33	252.75	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	42.53	0	0
Other(Mus)	9.23	124.36	0	0
Total	93.28	1515.24		
SOLAR				
Total	6.29	117.17	0	0
Total	6.29	117.17		
Tata				
Trombay 5	7.38	106.97	310	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	44.88	117	116
Trombay 7B	1.59	25.38	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.30	81.29	419	64
Total	17.08	258.53		
AEML				
DTPS U-1&2	9.13	151.51	470	372
Total	9.13	151.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.10	1297.89	MSPGCL Total	119.06	1670.07
			MSPGCL Thml+Gas	110.76	1403.25	Koyna 1,2 & 4 Total	4.12	186.18
			MSPGCL Hydro	8.30	266.82	State Total	259.43	3971.83

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 16/May/2020

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	4619	231	281	5131	1159	3996	0	0	5726	5729	-1213	14802	0	14802	2460	17262	49.97
2	4591	471	280	5342	761	4000	0	0	5469	5439	-1007	14535	0	14535	2336	16871	50.01
3	4589	321	282	5192	909	3999	0	0	5417	5206	-1019	14287	0	14287	2207	16494	50.01
4	4587	236	271	5094	791	3991	0	0	5404	5227	-894	14209	0	14209	2115	16324	50.02
5	4580	222	292	5094	847	3984	0	0	5424	5408	-891	14442	0	14442	2045	16487	50.02
6	4608	229	273	5110	541	3969	0	0	6097	6196	-898	14918	0	14918	2046	16964	50.03
7	4663	164	284	5111	561	3981	0	31	6491	6588	-856	15416	0	15416	1939	17355	50.04
8	4632	142	284	5058	463	3888	0	174	6533	6522	-939	15166	0	15166	1889	17055	50.03
9	4583	148	283	5014	487	3853	0	378	6109	6235	-965	15002	0	15002	1925	16927	50.00
10	4582	253	269	5104	330	3870	0	585	6076	5833	-1007	14715	0	14715	1970	16685	49.99
11	3975	263	288	4526	322	3749	0	780	6439	6479	-1066	14790	0	14790	2033	16823	50.05
12	3839	492	266	4597	254	3706	0	870	6488	6595	-1071	14951	0	14951	2037	16988	50.00
13	4344	364	274	4982	380	3859	0	878	6707	6637	-1100	15636	0	15636	2072	17708	50.00
14	4307	159	264	4730	323	3779	0	788	7037	7124	-1070	15674	0	15674	2099	17773	50.02
15	4312	257	263	4832	403	3890	0	759	7330	7311	-1063	16132	0	16132	2168	18300	49.95
16	4302	688	273	5263	344	3851	0	518	7494	7505	-1124	16357	0	16357	2177	18534	49.97
17	4272	660	276	5208	524	3863	0	358	6882	6746	-1040	15659	0	15659	2096	17755	50.01
18	4261	463	277	5001	467	3838	0	144	6184	6245	-997	14698	0	14698	1979	16677	50.04
19	3735	250	269	4254	737	3784	0	29	5643	5525	-996	13333	0	13333	1925	15258	50.02
20	3981	743	270	4994	863	3811	0	0	5100	5377	-1009	14036	0	14036	2069	16105	50.03
21	4275	348	290	4913	726	3836	0	0	5146	4960	-1053	13382	0	13382	2190	15572	50.00
22	4296	278	283	4857	795	3871	0	0	5302	5443	-1121	13845	0	13845	2279	16124	50.00
23	4081	499	271	4851	779	3931	0	0	5540	5673	-1128	14106	0	14106	2399	16505	49.97
24	4087	417	294	4798	827	3982	0	0	5878	5654	-1186	14075	0	14075	2468	16543	49.99
MUs	104.10	8.30	6.66	119.06	14.59	93.28	0.00	6.29	145.92	145.66	-24.71	354.17	0.00	354.17	50.92	405.09	50.01

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 16/May/2020

Position as on 6.30 Hrs of 17/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 16/May/2020

Position as on 6.30 Hrs of 17/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	
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 6	500	17/05/2020	18.06		Continued.	Y phase Bushing Oil Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2020

Statement-VII

Position as on 6.30 Hrs of 17/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
Lamboti - Solapur (PG)	InterState	17/05/2020	10.20	17/05/2020	19.58	PO	Replacement of faulty String Insulator Rod.
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Dhule- Bableshwar - I	IntraState	13/05/2020	18.23	17/05/2020	08.25	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-Jaigad - I	IntraState	15/05/2020	19.14		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	15/05/2020	21.13	16/05/2020	00.41	EO	Replacement work
Girwali-Solapur (Lamboti)	IntraState	16/05/2020	10.20	16/05/2020	16.16	EO	String Replacement work
Dhule - Bableshwar - II	IntraState	17/05/2020	08.28	17/05/2020	13.05	PO	Earth Wire Stringing Work.
Main Bus I @ Kalwa	IntraState	17/05/2020	11.15	17/05/2020	19.46	T	Damaged Scissor replacement of B ph. 29 A isolator, 600 MVA ICT II bay , Chemical cleaning of insulators. Bus PT Maint.
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
400/220 kv 500 MVA ICT-III @ Kalwa	IntraState	16/05/2020	09.15	16/05/2020	12.02	PO	Premonsoon Maintenance work
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	16/05/2020	09.37	16/05/2020	14.00	EO	Premonsoon Maintenance work
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	16/05/2020	10.05	16/05/2020	18.26	PO	Quarterly Maintainance Work
400/220 kv 500 MVA ICT-III @ Kalwa	IntraState	17/05/2020	01.12	17/05/2020	09.54	EO	Attending Red Hot Spot
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)
EKLAHARE (OCR) Nasik Navsari II	InterState	16/05/2020	09.41	16/05/2020	14.05	PO	Maintenance Work
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
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	15/05/2020	08.36	16/05/2020	14.05	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
Phursungi-Serum	IntraState	16/05/2020	09.35	16/05/2020	15.05	PO	Replacement of faulty insulator string
Bhandara-Bhandara Rly Tss 1	IntraState	16/05/2020	10.31	16/05/2020	15.43	PO	Earth Wire Connecting Work.
Virur - Virur Rly Tss 2	IntraState	16/05/2020	10.40	16/05/2020	12.37	PO	Diagnostic Testing Work.
Bableshwar- Bableshwar-I	IntraState	16/05/2020	10.50	16/05/2020	15.18	EO	Attending Hot Spot
Theur-Jejuri	IntraState	16/05/2020	19.13		Continued.	T	Distance Protection
BHUGAON WARORA CKT-II	IntraState	17/05/2020	00.24	17/05/2020	00.42	T	Distance 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 16/May/2020

Statement-VII

Position as on 6.30 Hrs of 17/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Adlabs - Pedambe	IntraState	17/05/2020	02.46	17/05/2020	14.20	T	Distance Protection
Valve-Jamde	IntraState	17/05/2020	08.06	17/05/2020	09.50	EO	To attend Hot Spot
Padghe - Wada	IntraState	17/05/2020	09.17	17/05/2020	13.33	PO	For Attending Problem Of Isolators Of Line & Aux.BUs & Earth Isolator
Theur-Jejuri	IntraState	17/05/2020	19.00		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 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	16/05/2020	07.25	16/05/2020	09.32	EO	Attending Hot Spot
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	16/05/2020	07.38	17/05/2020	10.57	PO	Premonsoon Maintenance Work.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	16/05/2020	08.80	16/05/2020	16.22	PO	Premonsoon Maintenance work

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