

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.933	2793.482	1) Gujrat	8.238	130.253
2) Hydro	7.013	174.055	2) Madhya Pradesh	13.949	252.945
3) Gas	6.436	133.975	3) Chattisgarh	5.480	100.990
Total MSPGCL	169.382	3101.512	4) Maharashtra	141.623	2216.447
B) 1) APML	59.479	1246.153	5) Goa (Amona)	-0.242	-6.996
2) JSWEL	17.461	293.417	Total	169.048	2693.639
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.810	394.036
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	24.562	411.635
5) WPCL	0.185	45.081	c) MSEDCL Bilateral *	52.138	637.052
6) Other IPP	13.499	258.480	Include PX	22.128	95.417
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.810	394.036
C) 1) TPCL Thermal	14.430	239.910	Include PX	7.057	114.854
2) TPCL Hydro	5.669	64.260	Standby	0.000	0.000
3) TPCL Gas	2.129	56.740	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.370	178.249	1) MSEDCL	422.498	7657.257
D) STATE			2) Mumbai Discoms	57.160	950.799
1) Thermal	271.357	5119.183	TOTAL STATE	479.658	8608.056
(A1+C1+C4+(B1-B6))					
2) Hydro	12.682	238.315			
(A2+C2)					
3) Gas	8.565	190.715			
(A3+B7+C3)					
4) Wind	11.089	233.076			
6) SOLAR	6.917	133.123			
TOTAL STATE	310.610	5914.412			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6834	6733	6582	5928
MSPGCL Hydro	415	607	286	145
MSPGCL Gas	246	256	267	274
MSPGCL Total Generation	7495	7596	7135	6347
Central Sector Receipt	8202	8241	6268	5927
WIND	216	210	900	338
CPP / IPP Thermal	3957	3986	3869	3318
CPP / IPP Gas	0	0	0	0
SOLAR	979	998	0	0
Exchange with Mumbai	-1183	-1119	-1140	-776
MSEDCL DEMAND MET	19666	19912	17032	15154
Load Shedding	0	0	0	0
MSEDCL DEMAND	19666	19912	17032	15154
TPCL GENERATION	1219	1237	1070	594
AEML GENERATION	501	503	436	373
MUMBAI DEMAND	2903	2859	2646	1743
STATE DEMAND MET	22569	22771	19678	16897
STATE DEMAND	22569	22771	19678	16897
Frequency (Hz)	50.02	49.98	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.79 Hz at 16.21 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 18/Mar/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	11.38	188.66	548	341
Unit 9	9.86	202.72	540	300
Unit 10	9.50	191.15	485	300
Total	30.74	582.53		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.15	176.98	490	360
Unit 5	10.52	174.94	500	360
Total	20.66	351.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.29	64.22	250	186
Unit 7	5.15	52.92	245	162
Unit 8	5.24	96.22	243	190
Total	15.68	213.37		
Chandrapur				
Unit 3	4.34	75.98	190	163
Unit 4	4.12	72.06	175	160
Unit 5	9.78	115.14	435	365
Unit 6	7.46	177.73	345	290
Unit 7	10.29	148.88	465	365
Unit 8	0.00	163.82	0	0
Unit 9	9.44	181.52	430	345
Total	45.43	935.11		
Paras				
Unit 3	5.73	80.84	255	198
Unit 4	5.90	84.07	255	197
Total	11.63	164.91		
Khaparkheda				
Unit 1	4.08	71.44	185	155
Unit 2	4.22	74.94	185	160
Unit 3	4.34	72.44	195	158
Unit 4	4.30	67.51	195	160
Unit 5	10.67	185.41	490	360
Total	27.61	471.75		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.17	73.88	195	160
Unit 5	0.00	0.00	0	0
Total	4.17	73.88		
Uran				
All Units	6.44	133.98	285	246
Total	6.44	133.98		
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)	0.00	1.03	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.03		
Koyna				
Stage 1-2	2.72	51.64	390	40
Stage 4	1.73	54.84	411	0
Stage 3	0.38	22.92	80	0
Total	4.83	129.40		
Hydro				
KDPH	0.63	12.97	36	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	8.02	0	0
BHTGR/VEER	0.00	0.18	0	0
BHIRA T.R.	0.27	2.96	80	0
RNGR+BHTSA	0.34	5.93	15	14
BHANDARDRA	0.46	5.26	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	7.84	21	20
GHATGHAR	0.00	1.49	0	0
Total	2.18	44.65		
Wind				
Total	11.09	233.08	0	0
Total	11.09	233.08		
CPP				
APML(Mus)	59.48	1246.15	0	0
JSWEL(Mus)	17.46	293.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	0.18	45.08	0	0
Other(Mus)	13.50	258.48	0	0
Total	90.62	1907.54		
SOLAR				
Total	6.92	133.12	0	0
Total	6.92	133.12		
Tata				
Trombay 5	9.48	155.17	483	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.17	33.86	50	48
Trombay 7B	0.96	22.88	42	39
Trombay 8	4.95	84.74	243	174
TATA Hydro	5.67	64.26	437	15
Total	22.23	360.91		
AEML				
DTPS U-1&2	10.37	178.25	503	371
Total	10.37	178.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.93	2793.48	MSPGCL Total	169.38	3101.51
			MSPGCL Thml+Gas	162.37	2927.46	Koyna 1,2 & 4 Total	4.45	106.48
			MSPGCL Hydro	7.01	174.06	State Total	310.61	5914.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/Mar/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	6607	137	283	7027	500	3611	0	0	6201	5398	-981	15555	0	15555	2041	17596	50.02
2	6103	137	275	6515	407	3566	0	0	6313	5867	-916	15439	0	15439	1902	17341	50.01
3	5971	130	284	6385	367	3350	0	0	6085	6107	-855	15354	0	15354	1806	17160	50.02
4	5928	145	274	6347	338	3318	0	0	5954	5927	-776	15154	0	15154	1743	16897	50.00
5	6022	160	285	6467	374	3357	0	0	6168	6369	-766	15801	0	15801	1720	17521	50.01
6	6568	130	285	6983	369	3609	0	0	6563	6645	-765	16841	0	16841	1796	18637	50.04
7	6776	135	275	7186	366	3718	0	7	7369	7125	-482	17920	0	17920	1895	19815	50.03
8	6804	130	276	7210	353	3836	0	152	7595	8009	-572	18988	0	18988	2047	21035	50.06
9	6786	149	272	7207	323	3728	0	387	7702	7761	-748	18658	0	18658	2333	20991	50.03
10	6811	493	265	7569	271	3816	0	655	7584	7574	-886	18999	0	18999	2638	21637	49.96
11	6783	422	260	7465	235	3932	0	858	7968	8013	-1098	19405	0	19405	2837	22242	49.99
12	6834	415	246	7495	216	3957	0	979	8569	8202	-1183	19666	0	19666	2903	22569	50.02
13	6733	607	256	7596	210	3986	0	998	8385	8241	-1119	19912	0	19912	2859	22771	49.98
14	6611	388	255	7254	242	3857	0	968	8660	8587	-1300	19608	0	19608	2715	22323	49.97
15	6494	456	246	7196	281	3884	0	789	8767	8681	-1359	19472	0	19472	2746	22218	49.94
16	6725	631	256	7612	311	3954	0	622	8420	7922	-1076	19345	0	19345	2780	22125	49.93
17	6728	711	256	7695	519	3987	0	357	7781	7593	-1030	19121	0	19121	2772	21893	49.91
18	6803	163	262	7228	711	3916	0	134	7056	7204	-1117	18076	0	18076	2722	20798	50.03
19	6818	191	264	7273	694	3862	0	11	6608	6308	-1206	16942	0	16942	2648	19590	49.99
20	6582	286	267	7135	900	3869	0	0	6514	6268	-1140	17032	0	17032	2646	19678	49.96
21	6236	174	268	6678	960	3869	0	0	6245	6528	-1318	16717	0	16717	2538	19255	50.00
22	6042	116	271	6429	834	3845	0	0	6102	6153	-1357	15904	0	15904	2452	18356	50.00
23	6053	276	272	6601	706	3892	0	0	6220	6251	-1261	16189	0	16189	2317	18506	49.94
24	6115	431	283	6829	602	3905	0	0	6277	6315	-1251	16400	0	16400	2304	18704	49.97
MUs	155.93	7.01	6.44	169.38	11.09	90.62	0.00	6.92	171.11	169.05	-24.56	422.50	0.00	422.50	57.16	479.66	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 18/Mar/2020

Position as on 6.30 Hrs of 19/Mar/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	
CPP	SWPGL U-3	135	22/02/2020	00.00	18/03/2020	19.19	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
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	
IPP	Adani U-5	660	16/03/2020	12.13		Continued.	APH Hot PA Bellow Leakage.	
MSPGCL	Chandrapur Unit-8	500	16/03/2020	20.44		Continued.	PA Fan problem	
IPP	SWPGL U-2	135	17/03/2020	23.20		Continued.	ID Fan Vibration.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	18/03/2020	10.29	18/03/2020	17.41	PO	Maintenance Of Circuit Breaker.
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	18/03/2020	11.08	18/03/2020	20.37	PO	Tan Delta & Capacitance Measurment Of 1500MVA Ict-1 Windings.
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	17/03/2020	17.49	18/03/2020	06.38	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/03/2020	19.39	19/03/2020	06.27	HT	Over Voltage
Dabhol Nagothane II	InterState	19/03/2020	01.58		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	17/03/2020	20.10	18/03/2020	06.41	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	18/03/2020	09.08	18/03/2020	19.54	PO	Cold Washing & Routine Maintenance Work.
Karad - Talandge Ckt 2	IntraState	18/03/2020	10.40	18/03/2020	18.57	PO	Cold Line Washing Work Of Disc Insulator.
Girwali- Lonikand 2	IntraState	18/03/2020	11.00	18/03/2020	18.00	EO	IPS Tube Damaged While Availing Main Bus-2 Outage, Replacement Of IPS Tube.
Koradi-Bhusawal	IntraState	18/03/2020	11.32	18/03/2020	19.26	EO	Emergency Hand Tripped As IPS Tube Y-Phase Is Coming Out.
Chandrapu II - Chandrapur SW Ckt II	IntraState	18/03/2020	12.09	18/03/2020	19.29	PO	Dignostic Testing Work.
Chandrapur-II - Nanded ckt II	IntraState	18/03/2020	15.34	18/03/2020	20.02	PO	Conductor Crimping Work Due To Broken Strands.
Khadka-Aurangabad (Waluj)	IntraState	18/03/2020	19.30		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.)
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	18/03/2020	09.56	18/03/2020	18.53	PO	Half Yearly Maintetnce Work. And DT Work.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	18/03/2020	10.33	18/03/2020	17.36	PO	RTV HVIC Coating Work For 400/200KV Ict-2.
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)
Solapur(PG)- Jeur	InterState	18/03/2020	10.49	18/03/2020	12.48	PO	Conversion Of SSN To DSN.
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
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Amalner - Bambhori	IntraState	17/03/2020	19.28		Continued.	T	Distance Protection
220 KV VIRODA - AMALNER	IntraState	17/03/2020	21.11		Continued.	T	Distance Protection
Bableshwar -Bhenda	IntraState	18/03/2020	05.12		Continued.	T	Distance Protection
Deoli(Pgcil)-Badnera	IntraState	18/03/2020	08.45	18/03/2020	18.55	PO	For Erection Of MD+9 Tower At Loc-9 Of 220KV Badnera-Ner Line Phase-1.

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 18/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 19/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Badnera-Akola I	IntraState	18/03/2020	08.50	18/03/2020	19.33	PO	For Erection Of MD+9 Tower At LOC No,9 Of 220KV Badnera-Ner Line Ph-1.
Badnera-Akola li	IntraState	18/03/2020	08.50	18/03/2020	19.34	PO	For Erection Of MD+9 Tower At LOC No,9 Of 220KV Badnera-Ner Line Ph-1.
Oni Kharepatan Line	IntraState	18/03/2020	09.42	18/03/2020	16.29	PO	Outage For C & Tan Delta Testing Of Line CT At Both 220KV Oni & 220KV Kharepatan S/s.
Karad - Kadegaon	IntraState	18/03/2020	09.47		Continued.	PO	For Fixing Of 6 Nos, Of Cross-Arms (Karad Ckt) & Tightening Of Line 220Kv.
Malharpeth - Karad(400kv)	IntraState	18/03/2020	10.13	18/03/2020	18.09	PO	For Relay Testing Work.
New Koyna - Loteparshuram	IntraState	18/03/2020	10.19	18/03/2020	13.17	PO	Outage For Conversion Of STN To DTN.
ACCIL - Apta	IntraState	18/03/2020	10.35	18/03/2020	13.50	PO	Emergency Tree Cutting At Loc No. 555 To 556,542-543.
Maisal-Jath I	IntraState	18/03/2020	11.08	18/03/2020	16.08	PO	Cold Washing Of Insulators.
Padghe - Jindal	IntraState	18/03/2020	12.05	18/03/2020	19.10	PO	Diagnostic Testing Work.
Butibori - Purti	IntraState	18/03/2020	12.49	18/03/2020	14.48	PO	Diagnostic Testing Work.
Paranda-Barshi	IntraState	18/03/2020	13.03	18/03/2020	16.05	PO	Quartly Maintenance.
Ongc Panvel - Tss Panvel	IntraState	18/03/2020	14.20	18/03/2020	17.20	PO	Diagnostic Testing Work & Maintenance Work At ONGC S/Stn. Panvel.
Bombay Dyeing - Sahara	IntraState	18/03/2020	15.06	18/03/2020	17.24	PO	Replacement Of Pilot Disc Insulator String Of B Phase At Location No.15.
Purti-Bhugaon	IntraState	18/03/2020	15.18	18/03/2020	16.40	PO	Diagnostic Testing Work.
220 KV VIRODA - AMALNER	IntraState	18/03/2020	15.35	18/03/2020	19.27	T	Distance Protection
220 KV ICT Outages/Trippings							
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	17/03/2020	08.43		Continued.	PO	Diagnostic Testing Work.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	18/03/2020	08.56		Continued.	PO	Diagnostic Testing Work.

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