

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	57.908	871.325	1) Gujrat	11.036	156.547
2) Hydro	22.673	257.809	2) Madhya Pradesh	13.415	239.798
3) Gas	6.800	105.243	3) Chattisgarh	6.840	119.610
Total MSPGCL	87.381	1234.377	4) Maharashtra	126.835	1849.746
B) 1) APLM	72.450	897.309	5) Goa (Amona)	0.000	0.000
2) JSWEL	16.620	216.707	Total	158.126	2365.701
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.436	249.863
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.087	201.033
5) WPCL	5.466	82.678	c) MSEDCL Bilateral *	49.726	761.757
6) Other IPP	8.209	123.316	Include PX	30.759	488.806
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.436	249.863
C) 1) TPCL Thermal	9.948	194.585	Include PX	8.241	105.144
2) TPCL Hydro	6.306	51.467	Standby	0.000	0.000
3) TPCL Gas	4.322	45.228	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.832	164.359	1) MSEDCL	347.427	4987.600
D) STATE			2) Mumbai Discoms	47.495	656.671
1) Thermal	181.433	2550.279	TOTAL STATE	394.922	5644.271
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	28.979	309.276			
3) Gas (A3+B7+C3)	11.122	150.471			
4) Wind	8.365	158.451			
6) SOLAR	6.897	110.094			
TOTAL STATE	236.796	3278.571			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2305	2290	2419	2591
MSPGCL Hydro	343	500	736	1396
MSPGCL Gas	268	290	275	289
MSPGCL Total Generation	2916	3080	3430	4276
Central Sector Receipt	7894	7949	5513	5641
WIND	315	363	703	186
CPP / IPP Thermal	4294	4144	4241	4362
CPP / IPP Gas	0	0	0	0
SOLAR	988	838	0	0
Exchange with Mumbai	-776	-832	-640	-625
MSEDCL DEMAND MET	15631	15542	13247	13840
Load Shedding	0	0	0	0
MSEDCL DEMAND	15631	15542	13247	13840
TPCL GENERATION	805	791	935	848
AEML GENERATION	374	375	448	501
MUMBAI DEMAND	1955	1998	2023	1974
STATE DEMAND MET	17586	17540	15270	15814
STATE DEMAND	17586	17540	15270	15814
Frequency (Hz)	50.02	50.01	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.77 Hz at 22.16 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 15/Apr/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	112.89	0	0
Unit 9	0.00	112.84	0	0
Unit 10	0.00	108.90	0	0
Total	0.00	334.63		
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	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	13.91	0	0
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	10.81	107.75	470	435
Unit 9	11.28	133.28	480	430
Total	22.09	254.94		
Paras				
Unit 3	4.49	81.17	250	153
Unit 4	4.81	68.43	251	178
Total	9.29	149.60		
Khaparkheda				
Unit 1	4.02	11.16	175	155
Unit 2	4.26	15.82	190	160
Unit 3	4.28	16.78	195	158
Unit 4	4.07	12.58	180	160
Unit 5	9.90	75.81	450	360
Total	26.53	132.15		
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	6.80	105.24	300	268
Total	6.80	105.24		
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)	0.09	1.58	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	1.58		
Koyna				
Stage 1-2	6.62	80.57	560	40
Stage 4	9.04	93.29	770	0
Stage 3	3.64	37.94	240	0
Total	19.30	211.80		
Hydro				
KDPH	0.89	12.66	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	6.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	2.05	80	0
RNGR+BHTSA	0.31	4.36	13	12
BHANDARDRA	0.62	8.26	31	13
ELDARY	0.36	3.78	15	14
SMLHY_PTN	0.45	8.35	28	16
GHATGHAR	0.00	0.00	0	0
Total	3.37	46.01		
Wind				
Total	8.36	158.45	0	0
Total	8.36	158.45		
CPP				
APML(Mus)	72.45	897.31	0	0
JSWEL(Mus)	16.62	216.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.47	82.68	0	0
Other(Mus)	8.21	123.32	0	0
Total	102.74	1320.01		
SOLAR				
Total	6.90	110.09	0	0
Total	6.90	110.09		
Tata				
Trombay 5	9.95	139.76	485	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	26.60	117	112
Trombay 7B	1.56	18.62	66	64
Trombay 8	0.00	54.82	0	0
TATA Hydro	6.31	51.47	362	144
Total	20.58	291.28		
AEML				
DTPS U-1&2	10.83	164.36	502	374
Total	10.83	164.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	57.91	871.32	MSPGCL Total	87.38	1234.38
			MSPGCL Thml+Gas	64.71	976.57	Koyna 1,2 & 4 Total	15.67	173.86
			MSPGCL Hydro	22.67	257.81	State Total	236.80	3278.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Apr/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	2589	1657	288	4534	313	4445	0	0	5812	5959	-831	14420	0	14420	2230	16650	49.99
2	2596	1558	288	4442	259	4425	0	0	5786	5675	-705	14096	0	14096	2083	16179	50.01
3	2591	1396	289	4276	186	4362	0	0	5759	5641	-625	13840	0	13840	1974	15814	50.00
4	2545	1350	289	4184	225	4369	0	0	5714	5796	-591	13983	0	13983	1895	15878	50.02
5	2494	1299	281	4074	191	4327	0	0	6228	6272	-540	14324	0	14324	1840	16164	49.99
6	2491	912	300	3703	197	4359	0	0	7486	7297	-528	15028	0	15028	1835	16863	50.01
7	2397	1387	291	4075	139	4336	0	17	7462	7760	-472	15855	0	15855	1787	17642	50.04
8	2447	1468	281	4196	148	4338	0	176	7148	7073	-464	15467	0	15467	1786	17253	50.03
9	2416	1112	298	3826	134	4327	0	434	6900	6787	-481	15027	0	15027	1847	16874	49.99
10	2427	787	274	3488	202	4312	0	688	7060	6988	-492	15186	0	15186	1909	17095	50.00
11	2400	461	281	3142	242	4333	0	818	7274	7444	-756	15223	0	15223	1926	17149	50.06
12	2305	343	268	2916	315	4294	0	988	7997	7894	-776	15631	0	15631	1955	17586	50.02
13	2293	234	277	2804	287	4321	0	917	7896	7704	-806	15227	0	15227	1982	17209	50.02
14	2297	229	270	2796	282	4224	0	895	7872	7882	-819	15260	0	15260	1982	17242	50.04
15	2290	500	290	3080	363	4144	0	838	7865	7949	-832	15542	0	15542	1998	17540	50.01
16	2245	1004	269	3518	358	4141	0	567	7790	7703	-783	15504	0	15504	1974	17478	50.00
17	2231	806	280	3317	419	4128	0	369	7295	7439	-727	14945	0	14945	1922	16867	50.01
18	2229	712	273	3214	384	4131	0	172	6350	6118	-677	13342	0	13342	1870	15212	50.04
19	2320	572	295	3187	542	4227	0	18	5399	5532	-673	12833	0	12833	1863	14696	50.05
20	2419	736	275	3430	703	4241	0	0	5174	5513	-640	13247	0	13247	2023	15270	50.00
21	2473	777	285	3535	805	4231	0	0	4934	4918	-578	12911	0	12911	2106	15017	49.98
22	2451	726	286	3463	627	4208	0	0	5062	5203	-651	12850	0	12850	2160	15010	49.97
23	2482	1114	285	3881	559	4295	0	0	5537	5733	-762	13706	0	13706	2235	15941	49.89
24	2480	1533	287	4300	485	4227	0	0	5807	5846	-878	13980	0	13980	2313	16293	49.97
MUs	57.91	22.67	6.80	87.38	8.37	102.75	0.00	6.90	157.61	158.13	-16.09	347.43	0.00	347.43	47.50	394.92	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 15/Apr/2020

Position as on 6.30 Hrs of 16/Apr/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	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
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	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 6	500	23/03/2020	21.59		Continued.	Clinker Removal Work (Given Zero Schedule On 29/3/2020 At 12hrs By MSEDCL).	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	

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

Position as on 6.30 Hrs of 16/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
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 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 16/Apr/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 I	InterState	30/03/2020	17.32		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/03/2020	18.12		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
New Koyana - Dabhol-I	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
Koradi-Khaperkheda I	IntraState	25/03/2020	20.21		Continued.	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	28/03/2020	16.47		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	06/04/2020	00.21		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	12/04/2020	18.25	15/04/2020	10.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/04/2020	17.04		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	13/04/2020	17.21		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	15/04/2020	15.07	15/04/2020	17.08	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	15/04/2020	19.11		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 Kv 500 MVA ICT-IV @Kalwa	IntraState	22/03/2020	10.13		Continued.	HT	Hand tripped from LV end to control Over Voltage.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/03/2020	13.59		Continued.	EO	CT Tan Delta High.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/03/2020	16.32		Continued.	HT	Outage availed for maint. work and ICT out LV side.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	25/03/2020	22.00		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	25/03/2020	22.01		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/03/2020	18.07		Continued.	HT	Over Voltage
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	15/04/2020	10.41	15/04/2020	14.39	PO	Diagnostic testing 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
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
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
Ambazari-Kalmeshwar	IntraState	15/04/2020	11.39	15/04/2020	13.48	PO	Diagnostic Testing Work.
BHALVANI VARKUTI MALWADI	IntraState	15/04/2020	13.12	15/04/2020	13.38	PO	Testing Work
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
220/132 kv 200 MVA PTR I	IntraState	15/04/2020	15.20	15/04/2020	16.21	T	To attend DC Leakage.

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/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 16/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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@Parvati