

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	59.867	813.417	1) Gujrat	11.951	145.511
2) Hydro	17.693	235.136	2) Madhya Pradesh	13.386	226.383
3) Gas	6.747	98.443	3) Chattisgarh	6.450	112.770
Total MSPGCL	84.307	1146.996	4) Maharashtra	130.905	1722.911
B) 1) APMIL	70.558	824.859	5) Goa (Amona)	0.000	0.000
2) JSWEL	16.708	200.087	Total	162.692	2207.575
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.513	247.941
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	15.383	184.946
5) WPCL	5.463	77.212	c) MSEDCL Bilateral *	55.746	767.778
6) Other IPP	8.046	115.107	Include PX	35.919	493.966
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.513	247.941
C) 1) TPCL Thermal	9.915	184.637	Include PX	5.351	102.254
2) TPCL Hydro	5.577	45.161	Standby	0.000	0.000
3) TPCL Gas	4.299	40.906	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.163	153.527	1) MSEDCL	345.805	4640.173
D) STATE			2) Mumbai Discoms	46.337	609.176
1) Thermal	181.720	2368.846	TOTAL STATE	392.142	5249.349
(A1+C1+C4+(B1-B6))					
2) Hydro	23.270	280.297			
(A2+C2)					
3) Gas	11.046	139.349			
(A3+B7+C3)					
4) Wind	6.215	150.086			
6) SOLAR	7.199	103.197			
TOTAL STATE	229.450	3041.775			

* 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 4 Hrs
MSPGCL Thermal	2495	2509	2530	2556
MSPGCL Hydro	429	272	828	1128
MSPGCL Gas	265	275	285	290
MSPGCL Total Generation	3189	3056	3643	3974
Central Sector Receipt	7807	8077	5499	5907
WIND	260	184	299	229
CPP / IPP Thermal	4201	4171	4303	4153
CPP / IPP Gas	0	0	0	0
SOLAR	969	910	0	0
Exchange with Mumbai	-698	-809	-613	-595
MSEDCL DEMAND MET	15728	15589	13131	13668
Load Shedding	0	0	0	0
MSEDCL DEMAND	15728	15589	13131	13668
TPCL GENERATION	746	746	902	766
AEML GENERATION	374	373	478	501
MUMBAI DEMAND	1818	1928	1993	1862
STATE DEMAND MET	17546	17517	15124	15530
STATE DEMAND	17546	17517	15124	15530
Frequency (Hz)	50.04	49.96	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 12.00 Hrs	49.77 Hz at 15.25 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 14/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	9.94	96.95	465	370
Unit 9	11.03	122.00	480	380
Total	20.98	232.86		
Paras				
Unit 3	5.84	76.68	256	190
Unit 4	6.00	63.62	256	203
Total	11.84	140.30		
Khaparkheda				
Unit 1	3.97	7.14	170	145
Unit 2	4.32	11.55	190	160
Unit 3	4.47	12.51	190	158
Unit 4	4.34	8.51	190	160
Unit 5	9.96	65.91	450	365
Total	27.05	105.62		
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	6.75	98.44	300	262
Total	6.75	98.44		
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)	0.20	1.49	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	1.49		
Koyna				
Stage 1-2	6.66	73.94	560	50
Stage 4	5.15	84.25	617	0
Stage 3	2.38	34.30	160	0
Total	14.20	192.50		
Hydro				
KDPH	0.89	11.78	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	6.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	1.73	80	0
RNGR+BHTSA	0.31	4.05	13	12
BHANDARDRA	0.65	7.64	27	26
ELDARY	0.36	3.42	15	14
SMLHY_PTN	0.55	7.90	32	20
GHATGHAR	0.00	0.00	0	0
Total	3.50	42.64		
Wind				
Total	6.22	150.09	0	0
Total	6.22	150.09		
CPP				
APML(Mus)	70.56	824.86	0	0
JSWEL(Mus)	16.71	200.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.46	77.21	0	0
Other(Mus)	8.05	115.11	0	0
Total	100.78	1217.26		
SOLAR				
Total	7.20	103.20	0	0
Total	7.20	103.20		
Tata				
Trombay 5	9.92	129.81	483	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	23.85	115	113
Trombay 7B	1.56	17.06	66	64
Trombay 8	0.00	54.82	0	0
TATA Hydro	5.58	45.16	375	100
Total	19.79	270.70		
AEML				
DTPS U-1&2	11.16	153.53	502	373
Total	11.16	153.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	59.87	813.42	MSPGCL Total	84.31	1147.00
			MSPGCL Thml+Gas	66.61	911.86	Koyna 1,2 & 4 Total	11.81	158.19
			MSPGCL Hydro	17.69	235.14	State Total	229.45	3041.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	2541	839	279	3659	409	4225	0	0	6313	6351	-815	13829	0	13829	2171	16000	49.98
2	2544	868	298	3710	394	4211	0	0	6092	6084	-727	13672	0	13672	2039	15711	49.98
3	2551	1181	279	4011	292	4204	0	0	5883	5806	-666	13647	0	13647	1953	15600	49.97
4	2556	1128	290	3974	229	4153	0	0	5935	5907	-595	13668	0	13668	1862	15530	50.01
5	2516	1098	300	3914	207	4142	0	0	6349	6210	-558	13915	0	13915	1817	15732	49.97
6	2516	874	281	3671	224	4163	0	0	7271	7320	-583	14795	0	14795	1818	16613	49.93
7	2501	1180	292	3973	272	4145	0	21	7678	7861	-503	15769	0	15769	1763	17532	50.01
8	2451	814	291	3556	251	4214	0	195	7523	7224	-492	14948	0	14948	1750	16698	50.03
9	2526	825	287	3638	144	4213	0	474	6923	7220	-492	15197	0	15197	1794	16991	50.01
10	2483	804	283	3570	212	4208	0	680	6867	6808	-482	14996	0	14996	1836	16832	49.98
11	2508	418	268	3194	252	4236	0	880	7156	7282	-514	15330	0	15330	1818	17148	50.02
12	2495	429	265	3189	260	4201	0	969	7645	7807	-698	15728	0	15728	1818	17546	50.04
13	2459	334	273	3066	289	4194	0	973	7818	7784	-704	15602	0	15602	1847	17449	49.99
14	2479	239	262	2980	200	4214	0	925	8019	7961	-778	15502	0	15502	1886	17388	50.01
15	2509	272	275	3056	184	4171	0	910	8011	8077	-809	15589	0	15589	1928	17517	49.96
16	2506	647	276	3429	186	4147	0	626	7909	7838	-692	15534	0	15534	1927	17461	49.95
17	2509	522	281	3312	253	4181	0	364	7478	7391	-494	15007	0	15007	1902	16909	50.04
18	2276	231	272	2779	223	3929	0	153	7059	6755	-560	13279	0	13279	1809	15088	50.05
19	2146	232	274	2652	185	4056	0	29	6223	6490	-665	12747	0	12747	1806	14553	50.02
20	2530	828	285	3643	299	4303	0	0	5411	5499	-613	13131	0	13131	1993	15124	49.98
21	2554	682	287	3523	354	4283	0	0	5211	5277	-593	12844	0	12844	2093	14937	50.00
22	2564	718	276	3558	303	4314	0	0	5257	5465	-685	12955	0	12955	2167	15122	49.98
23	2569	1118	285	3972	287	4337	0	0	5749	6059	-790	13865	0	13865	2240	16105	50.01
24	2578	1412	288	4278	306	4331	0	0	6028	6216	-875	14256	0	14256	2300	16556	50.04
MUs	59.87	17.69	6.75	84.31	6.21	100.78	0.00	7.20	161.81	162.69	-15.38	345.81	0.00	345.81	46.34	392.14	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 14/Apr/2020

Position as on 6.30 Hrs of 15/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 14/Apr/2020

Position as on 6.30 Hrs of 15/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 14/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 15/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
Harangul-Parly	IntraState	14/04/2020	17.12	14/04/2020	20.20	EO	Attending Hot Spot
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	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS

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 14/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
5							
220/132 kV 200 MVA PTR I @Parvati	IntraState	15/04/2020	15.20	15/04/2020	16.21	T	To attend DC Leakage.