

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Apr/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.021	3338.723	1) Gujrat	1.131	21.143
2) Hydro	19.168	464.164	2) Madhya Pradesh	15.181	371.475
3) Gas	6.852	152.069	3) Chattisgarh	4.500	99.710
Total MSPGCL	176.041	3954.956	4) Maharashtra	119.895	2766.404
B) 1) APML	77.693	1572.393	5) Goa (Amona)	-0.418	-11.308
2) JSWEL	22.618	529.998	Total	140.289	3247.424
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.429	662.589
4) RPL(AMT)	11.158	296.609	b) Mumbai Drawl	34.381	723.103
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.453	406.120
6) Other IPP	11.848	290.641	Include PX	-2.192	-104.141
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.429	662.589
C) 1) TPCL Thermal	13.522	322.758	Include PX	20.548	468.467
2) TPCL Hydro	5.092	82.455	Standby	0.000	0.000
3) TPCL Gas	4.248	96.760	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.856	230.150	1) MSEDCL	427.408	9712.062
D) STATE			2) Mumbai Discoms	67.099	1455.232
1) Thermal	296.716	6581.272	TOTAL STATE	494.507	11167.294
(A1+C1+C4+(B1-B6))					
2) Hydro	24.260	546.619			
(A2+C2)					
3) Gas	11.100	248.829			
(A3+B7+C3)					
4) Wind	15.718	381.552			
6) SOLAR	6.424	161.592			
TOTAL STATE	354.218	7919.864			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6373	6558	6554	5735
MSPGCL Hydro	1030	990	432	795
MSPGCL Gas	266	279	286	292
MSPGCL Total Generation	7669	7827	7272	6822
Central Sector Receipt	6485	6447	5604	5442
WIND	396	356	509	928
CPP / IPP Thermal	5176	5200	5265	4941
CPP / IPP Gas	0	0	0	0
SOLAR	863	576	0	0
Exchange with Mumbai	-1855	-1590	-1392	-1075
MSEDCL DEMAND MET	18734	18816	17258	17058
Load Shedding	0	0	0	0
MSEDCL DEMAND	18734	18816	17258	17058
TPCL GENERATION	1098	1324	1121	665
AEML GENERATION	376	499	468	374
MUMBAI DEMAND	3329	3413	2981	2114
STATE DEMAND MET	22063	22229	20239	19172
STATE DEMAND	22063	22229	20239	19172
Frequency (Hz)	50.01	50.04	49.92	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.03 Hrs	49.79 Hz at 22.31 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 23/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.39	79.84	175	0
Unit 7	0.00	0.00	0	0
Unit 8	9.06	154.20	433	351
Unit 9	10.01	100.20	500	350
Unit 10	9.67	231.24	450	350
Total	30.12	565.47		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.09	224.50	505	355
Unit 5	11.09	249.38	500	355
Total	22.18	473.88		
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	5.31	117.02	246	194
Total	5.31	117.02		
Chandrapur				
Unit 3	4.64	100.01	197	185
Unit 4	4.25	97.40	181	172
Unit 5	9.82	225.16	420	390
Unit 6	0.00	0.00	0	0
Unit 7	10.32	238.89	450	390
Unit 8	11.43	247.90	485	450
Unit 9	11.20	251.42	478	450
Total	51.66	1160.78		
Paras				
Unit 3	6.02	134.94	255	233
Unit 4	5.78	130.44	250	222
Total	11.79	265.38		
Khaparkheda				
Unit 1	2.57	83.04	145	0
Unit 2	2.64	71.54	120	80
Unit 3	3.33	79.12	150	128
Unit 4	3.28	93.73	140	135
Unit 5	8.36	240.33	350	340
Total	20.17	567.76		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.45	73.46	210	158
Unit 5	4.34	88.88	200	160
Total	8.78	188.44		
Uran				
All Units	6.85	152.07	302	266
Total	6.85	152.07		
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)	0.02	2.20	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.20		
Koyna				
Stage 1-2	5.49	135.54	520	40
Stage 4	7.58	185.03	851	0
Stage 3	3.13	70.58	240	0
Total	16.20	391.16		
Hydro				
KDPH	0.82	19.70	34	34
VTRNA	0.98	22.35	61	0
TILLARI	0.24	7.74	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.14	40	0
RNGR+BHTSA	0.27	6.39	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	9.28	21	20
GHATGHAR	0.00	2.78	0	0
Total	2.97	73.00		
Wind				
Total	15.72	381.55	0	0
Total	15.72	381.55		
CPP				
APML(Mus)	77.69	1572.39	0	0
JSWEL(Mus)	22.62	530.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	11.16	296.61	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.85	290.64	0	0
Total	123.32	2689.64		
SOLAR				
Total	6.42	161.59	0	0
Total	6.42	161.59		
Tata				
Trombay 5	8.61	206.45	473	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	61.24	117	72
Trombay 7B	1.56	35.52	67	54
Trombay 8	4.92	116.30	232	197
TATA Hydro	5.09	82.46	459	0
Total	22.86	501.97		
AEML				
DTPS U-1&2	9.86	230.15	500	374
Total	9.86	230.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.02	3338.72	MSPGCL Total	176.04	3954.96
			MSPGCL Thml+Gas	156.87	3490.79	Koyna 1,2 & 4 Total	13.07	320.58
			MSPGCL Hydro	19.17	464.16	State Total	354.22	7919.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Apr/2019

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	5795	1491	289	7575	1146	4924	0	0	5716	5680	-1526	17799	0	17799	2611	20410	50.03
2	5746	1351	291	7388	1062	4908	0	0	5660	5433	-1322	17469	0	17469	2394	19863	50.04
3	5761	1136	300	7197	1095	4934	0	0	5516	5483	-1161	17548	0	17548	2231	19779	50.02
4	5735	795	292	6822	928	4941	0	0	5455	5442	-1075	17058	0	17058	2114	19172	50.02
5	5753	1054	293	7100	790	4968	0	0	5415	5556	-1058	17356	0	17356	2059	19415	50.04
6	6033	1205	302	7540	779	4986	0	0	5650	5760	-1061	18004	0	18004	2090	20094	50.00
7	6178	1331	294	7803	746	5218	0	29	5835	5734	-1074	18456	0	18456	2137	20593	50.04
8	6258	844	292	7394	554	5076	0	205	5919	6062	-1184	18107	0	18107	2285	20392	50.05
9	6195	628	288	7111	419	5123	0	462	6072	6086	-1426	17775	0	17775	2591	20366	50.07
10	6248	635	286	7169	447	5074	0	661	6219	6296	-1579	18068	0	18068	2951	21019	50.05
11	6246	885	279	7410	455	5131	0	804	6379	6114	-1756	18158	0	18158	3218	21376	50.05
12	6373	1030	266	7669	396	5176	0	863	6483	6485	-1855	18734	0	18734	3329	22063	50.01
13	6461	807	275	7543	285	5188	0	876	6506	6342	-1869	18365	0	18365	3335	21700	50.04
14	6485	679	266	7430	316	5232	0	775	6428	6367	-1811	18309	0	18309	3274	21583	50.00
15	6527	893	277	7697	237	5250	0	661	6434	6346	-1710	18481	0	18481	3385	21866	50.00
16	6558	990	279	7827	356	5200	0	576	6495	6447	-1590	18816	0	18816	3413	22229	50.04
17	6588	821	270	7679	418	5214	0	357	6298	6016	-1503	18181	0	18181	3348	21529	49.92
18	6368	373	283	7024	421	5147	0	145	6204	6245	-1505	17477	0	17477	3190	20667	50.00
19	6212	496	284	6992	446	5055	0	10	5900	5797	-1553	16747	0	16747	3012	19759	49.99
20	6554	432	286	7272	509	5265	0	0	5747	5604	-1392	17258	0	17258	2981	20239	49.92
21	6509	289	297	7095	864	5245	0	0	5293	5278	-1418	17064	0	17064	2860	19924	49.92
22	6493	226	287	7006	993	5356	0	0	5129	5175	-1257	17273	0	17273	2759	20032	49.98
23	6497	331	287	7115	1064	5374	0	0	5400	5047	-1343	17257	0	17257	2761	20018	49.90
24	6448	446	289	7183	992	5332	0	0	5590	5494	-1353	17648	0	17648	2771	20419	50.01
MUs	150.02	19.17	6.85	176.04	15.72	123.32	0.00	6.42	141.74	140.29	-34.38	427.41	0.00	427.41	67.10	494.51	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 23/Apr/2019

Position as on 6.30 Hrs of 24/Apr/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
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	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	20/04/2019	21.06	23/04/2019	11.18	To Attend Leakages On Turbine And Boiler Side.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
CENT.SECTOR	Tarapur 1	160	21/04/2019	13.00		Continued.	Steam Isolation Problem.	
MSPGCL	Koradi Unit 6	210	23/04/2019	12.16	23/04/2019	14.22	Main Steam Temp.Low	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	24/04/2019	14.01		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 24/Apr/2019

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	10/04/2019	17.54	23/04/2019	06.54	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/04/2019	12.37	24/04/2019	11.57	T	Distance Protection Zone-1, R-E, 2.328KA, 137KM, After Patrolling Line Was Kept For RFC Due To High Voltage.
Chandrapur-II - Warora - I	InterState	24/04/2019	07.05	24/04/2019	19.30	PO	Tightening of Conductor, Earthwire Hardware.
Dhule Sar'Sarovar II	InterState	24/04/2019	18.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/04/2019	09.54	24/04/2019	19.15	PO	Retrofitting Work Of Relay.
Khadka-Aurangabad (Waluj)	IntraState	22/04/2019	18.22	23/04/2019	11.30	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	23/04/2019	07.47	23/04/2019	19.43	PO	Tightening of Conductor
Khadka-Aurangabad (Waluj)	IntraState	23/04/2019	17.16	24/04/2019	09.37	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	24/04/2019	08.44	24/04/2019	14.28	PO	Restranging Work.
New Koyna - Koyna Stage IV-II	IntraState	24/04/2019	09.09	24/04/2019	18.49	PO	Cold Washing & String Replacement Work.
Main Bus II @ Alkud	IntraState	24/04/2019	11.18	24/04/2019	16.09	PO	Quarterly Maintenance Work
Deepnagar Waluj 1	IntraState	24/04/2019	12.49	24/04/2019	18.53	PO	Chemical Washing of Insulator Disc At Waluj S/S.
Bhusawal-Aurangabad	IntraState	24/04/2019	18.56		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/04/2019	19.38		Continued.	PO	Retrofitting Work of Relays.
Deepnagar - Aurangabad	IntraState	24/04/2019	20.50		Continued.	T	Distance Protection, R-Phase, Zone-1, 124KM, Waluj End 2.57KA.
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 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220KV 500MVA ICT 2@koradi 2	IntraState	24/04/2019	06.57	24/04/2019	14.39	PO	Diagnostic Testing Work.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Nasik Navsari I	InterState	24/04/2019	08.31	24/04/2019	17.45	PO	Maintenance Work. Getco Work.
Solapur (Pg) South Solapur li	InterState	24/04/2019	11.51	24/04/2019	13.39	PO	Quarterly Maintenance Work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Solapur(Bale) - Tuljapur	IntraState	19/04/2019	07.20	23/04/2019	20.43	PO	Erection Of Line Tower At Loc.No.36B & Resrtringing Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Osmanabad - Solapur (Bale)	IntraState	19/04/2019	07.22	23/04/2019	20.56	PO	Erection Of Line Tower At Loc.No.36B & Restranging Work After Erection.Line Converted In 220Kv Osmanabad-

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 23/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 24/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							15.31)
Ambazari-Abhijeet	IntraState	23/04/2019	09.31	23/04/2019	18.36	PO	Bus Isolator Alignment work
Kalwa-Salsette-IV	IntraState	23/04/2019	22.12	24/04/2019	03.14	PO	Replacement of B Phase CVT
Vankuswadi- Ajinkyatara	IntraState	24/04/2019	08.15	24/04/2019	18.55	PO	Cold Line Cleaning of Insulator.
OSMANABAD BARSHI	IntraState	24/04/2019	08.34	24/04/2019	12.45	PO	Line Maintenance work
Sawantwadi-Bidri	IntraState	24/04/2019	09.10	24/04/2019	20.04	PO	Tree Cutting Work.
Parli New Tps - Beed Ckt 1	IntraState	24/04/2019	09.54	24/04/2019	17.50	PO	Dismantalling of Old Towers Due To Railway Crossing.
Parli New Tps - Beed Ckt 2	IntraState	24/04/2019	09.54	24/04/2019	17.48	PO	Dismantalling of Old Towers Due To Railway Crossing.
Mudshingi-Belewadi	IntraState	24/04/2019	10.05	24/04/2019	12.15	PO	Quarterly Maintenance Work
Paranda-Barshi	IntraState	24/04/2019	10.05	24/04/2019	14.00	PO	Tan Delta Measurment of CTs
Tembhurni - Jeur	IntraState	24/04/2019	10.55	24/04/2019	14.08	PO	Quarterly Maintenance Work
BHUGAON WARORA CKT-II	IntraState	24/04/2019	12.09	24/04/2019	14.26	PO	Relay Testing.
Patoda-Manjarsumba	IntraState	24/04/2019	12.10	24/04/2019	16.39	PO	Relay Testing.
Ranjangaon-Lonikand	IntraState	24/04/2019	12.37	24/04/2019	14.56	T	Distance Protection, C-Phase Ground.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	23/04/2019	14.55	23/04/2019	16.11	PO	Testing Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Parbhani-Gangakhed	IntraState	24/04/2019	11.45	24/04/2019	12.03	T	Differential protection, P-Z1,B PH,2.68KA,16.32KM, G-Z1,B PH,1.59KA,35.2KM.

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