

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.606	3188.702	1) Gujrat	-0.453	20.012
2) Hydro	23.899	444.996	2) Madhya Pradesh	15.723	356.294
3) Gas	6.892	145.217	3) Chattisgarh	5.520	95.210
Total MSPGCL	171.397	3778.915	4) Maharashtra	121.342	2646.509
B) 1) APML	77.712	1494.700	5) Goa (Amona)	-0.440	-10.890
2) JSWEL	21.526	507.380	Total	141.692	3107.135
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.214	633.160
4) RPL(AMT)	10.691	285.451	b) Mumbai Drawl	33.571	688.722
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.872	386.667
6) Other IPP	12.333	278.793	Include PX	-0.216	-101.949
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.214	633.160
C) 1) TPCL Thermal	13.301	309.236	Include PX	20.418	447.918
2) TPCL Hydro	4.324	77.363	Standby	0.000	0.000
3) TPCL Gas	4.043	92.512	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.685	220.294	1) MSEDCL	430.050	9284.654
D) STATE			2) Mumbai Discoms	64.923	1388.133
1) Thermal	285.854	6284.556	TOTAL STATE	494.973	10672.787
(A1+C1+C4+(B1-B6))					
2) Hydro	28.223	522.359			
(A2+C2)					
3) Gas	10.935	237.729			
(A3+B7+C3)					
4) Wind	20.642	365.834			
6) SOLAR	7.628	155.168			
TOTAL STATE	353.282	7565.646			

* 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	5884	6046	6121	5407
MSPGCL Hydro	1743	1607	991	382
MSPGCL Gas	269	279	286	304
MSPGCL Total Generation	7896	7932	7398	6093
Central Sector Receipt	6570	6480	5867	5175
WIND	482	354	878	1355
CPP / IPP Thermal	5083	5359	5308	4867
CPP / IPP Gas	0	0	0	0
SOLAR	1026	510	0	0
Exchange with Mumbai	-1812	-1539	-1535	-1020
MSEDCL DEMAND MET	19245	19096	17916	16470
Load Shedding	0	0	0	0
MSEDCL DEMAND	19245	19096	17916	16470
TPCL GENERATION	1034	1264	1005	613
AEML GENERATION	373	500	374	373
MUMBAI DEMAND	3219	3303	2914	2006
STATE DEMAND MET	22464	22399	20830	18476
STATE DEMAND	22464	22399	20830	18476
Frequency (Hz)	50.03	50.03	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17:01 Hrs	49.77 Hz at 22:18 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 22/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	78.45	0	0
Unit 7	0.00	0.00	0	0
Unit 8	1.32	145.14	357	0
Unit 9	10.51	90.19	510	370
Unit 10	10.84	221.57	499	400
Total	22.67	535.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.65	213.41	500	350
Unit 5	10.70	238.28	505	350
Total	21.36	451.70		
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	5.14	111.70	245	194
Total	5.14	111.70		
Chandrapur				
Unit 3	4.52	95.36	195	163
Unit 4	4.15	93.15	177	164
Unit 5	9.64	215.34	415	365
Unit 6	0.00	0.00	0	0
Unit 7	9.94	228.57	438	370
Unit 8	11.46	236.47	480	475
Unit 9	11.16	240.23	475	447
Total	50.86	1109.12		
Paras				
Unit 3	6.00	128.92	258	237
Unit 4	5.33	124.66	250	205
Total	11.33	253.58		
Khaparkheda				
Unit 1	2.78	80.48	140	95
Unit 2	2.82	68.90	130	80
Unit 3	3.34	75.78	155	134
Unit 4	3.30	90.46	140	135
Unit 5	8.50	231.97	360	345
Total	20.74	547.59		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.27	69.01	210	160
Unit 5	4.22	84.54	200	160
Total	8.49	179.66		
Uran				
All Units	6.89	145.22	305	267
Total	6.89	145.22		
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)	0.04	2.18	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	2.18		
Koyna				
Stage 1-2	7.21	130.06	530	45
Stage 4	10.01	177.45	971	0
Stage 3	3.76	67.46	240	80
Total	20.98	374.96		
Hydro				
KDPH	0.84	18.88	35	35
VTRNA	1.02	21.37	61	0
TILLARI	0.00	7.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	3.97	40	0
RNGR+BHTSA	0.27	6.12	12	11
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	8.79	21	20
GHATGHAR	0.15	2.78	99	0
Total	2.92	70.03		
Wind				
Total	20.64	365.83	0	0
Total	20.64	365.83		
CPP				
APML(Mus)	77.71	1494.70	0	0
JSWEL(Mus)	21.53	507.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.69	285.45	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.33	278.79	0	0
Total	122.26	2566.32		
SOLAR				
Total	7.63	155.17	0	0
Total	7.63	155.17		
Tata				
Trombay 5	8.43	197.85	478	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	58.54	116	63
Trombay 7B	1.51	33.97	67	49
Trombay 8	4.87	111.39	231	197
TATA Hydro	4.32	77.36	391	0
Total	21.67	479.11		
AEML				
DTPS U-1&2	9.68	220.29	502	373
Total	9.68	220.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.61	3188.70	MSPGCL Total	171.40	3778.92
			MSPGCL Thml+Gas	147.50	3333.92	Koyna 1,2 & 4 Total	17.22	307.51
			MSPGCL Hydro	23.90	445.00	State Total	353.28	7565.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5636	567	293	6496	1239	4927	0	0	5828	5872	-1366	17168	0	17168	2434	19602	50.02
2	5538	939	303	6780	1330	4946	0	0	5630	5408	-1210	17254	0	17254	2257	19511	50.02
3	5457	545	294	6296	1377	4892	0	0	5478	5435	-1102	16898	0	16898	2113	19011	49.95
4	5407	382	304	6093	1355	4867	0	0	5383	5175	-1020	16470	0	16470	2006	18476	49.98
5	5557	273	296	6126	1232	4965	0	0	5352	5395	-965	16753	0	16753	1955	18708	49.99
6	5580	749	305	6634	1182	4922	0	13	5560	5630	-1012	17369	0	17369	1997	19366	49.98
7	5851	1114	296	7261	987	5007	0	199	5866	5792	-1044	18202	0	18202	2049	20251	50.00
8	5961	870	296	7127	659	5018	0	453	5893	5819	-1129	17947	0	17947	2198	20145	50.03
9	5954	821	290	7065	711	5064	0	714	6025	6020	-1386	18188	0	18188	2508	20696	49.96
10	5927	993	284	7204	689	5099	0	904	6207	6205	-1572	18529	0	18529	2865	21394	49.95
11	5905	1141	283	7329	648	5064	0	975	6365	6426	-1736	18706	0	18706	3119	21825	50.05
12	5884	1743	269	7896	482	5083	0	1026	6432	6570	-1812	19245	0	19245	3219	22464	50.03
13	6056	1489	278	7823	339	5169	0	948	6430	5961	-1633	18607	0	18607	3229	21836	49.97
14	6080	919	277	7276	319	5193	0	874	6355	6506	-1472	18696	0	18696	3175	21871	49.98
15	6058	1515	267	7840	300	5205	0	710	6347	6475	-1526	19004	0	19004	3254	22258	49.96
16	6046	1607	279	7932	354	5359	0	510	6316	6480	-1539	19096	0	19096	3303	22399	50.03
17	6046	1813	280	8139	418	5349	0	247	6092	6074	-1463	18764	0	18764	3244	22008	50.05
18	6022	1382	281	7685	494	5273	0	52	6014	5988	-1386	18106	0	18106	3125	21231	50.00
19	6099	496	283	6878	709	5239	0	3	5922	5733	-1429	17133	0	17133	2940	20073	49.94
20	6121	991	286	7398	878	5308	0	0	5784	5867	-1535	17916	0	17916	2914	20830	49.99
21	6093	662	286	7041	980	5220	0	0	5762	5446	-1515	17172	0	17172	2823	19995	49.98
22	5769	743	287	6799	1288	5034	0	0	5701	5685	-1526	17280	0	17280	2735	20015	49.99
23	5744	952	287	6983	1418	5040	0	0	5689	5835	-1568	17708	0	17708	2723	20431	49.91
24	5815	1193	288	7296	1254	5019	0	0	5531	5895	-1625	17839	0	17839	2739	20578	49.98
MUs	140.61	23.90	6.89	171.40	20.64	122.26	0.00	7.63	141.96	141.69	-33.57	430.05	0.00	430.05	64.92	494.97	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 22/Apr/2019

Position as on 6.30 Hrs of 23/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	Koradi Unit-8	660	17/04/2019	16.55	22/04/2019	18.26	Less coal receipt & suspected boiler water wall tube leakage.	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 23/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		Continued.	T	Distance Protection Zone-1, R-E, 2.328KA, 137KM, After Patrolling Line Was Kept For RFC Due To High Voltage.
Khadka-Aurangabad (Waluj)	IntraState	20/04/2019	17.35	22/04/2019	09.39	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/04/2019	09.54		Continued.	PO	Retrofitting Work Of Relay.
Kala Kudus Ckt-I	IntraState	22/04/2019	11.06	22/04/2019	21.18	PO	Insulator Replacement Work.
Kala Kudus Ckt-II	IntraState	22/04/2019	11.07	22/04/2019	21.21	PO	Insulator Replacement Work.
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		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 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 315MVA ICT-I@bhusawal(khadka)	IntraState	22/04/2019	07.20	22/04/2019	17.48	PO	Tan Delta Measurement of CTs Testing Work. Pre Monsoon Maintenance work.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	22/04/2019	10.23	22/04/2019	19.46	PO	Routine Maintenance 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.
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 & Restrtringing Work After Erection.Line Converted In 220Kv Osmanabad-Tuljapur.(Charged At 15.31)
Parli New Tps - Beed Ckt 1	IntraState	21/04/2019	05.28	22/04/2019	19.08	PO	Conductor Restrtringing Work Near Railway Crossing.
SICOM - SAIL	IntraState	22/04/2019	07.50	22/04/2019	09.30	PO	Bay Maintenance Work.
Parli New Tps - Beed Ckt 2	IntraState	22/04/2019	08.57	22/04/2019	19.09	PO	Work Of Resting Of Conductor On New Tower.
Talandge-Mudshingi Ckt-I	IntraState	22/04/2019	10.00	22/04/2019	13.02	PO	Quarterly Maintainance Work
Kharghar-Panvel TSS	IntraState	22/04/2019	11.03	22/04/2019	16.10	PO	Routine Maintenance Work

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 22/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded - Parli Ext. Ckt I	IntraState	22/04/2019	13.20	22/04/2019	15.28	PO	For Removing Hanging Saree On B PH At LOc 241.
Talandge(400)- Mudshingi 2 Line	IntraState	22/04/2019	14.35	22/04/2019	17.56	PO	Quarterly Maintainance Work
Parli New Tps - Beed Ckt 1	IntraState	22/04/2019	19.43	22/04/2019	21.17	HT	Sparking At B PH LMU Earth Switch.
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		Continued.	PO	Replacement of B Phase CVT
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.

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