

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Apr/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.581	3141.157	1) Gujrat	-2.171	-53.427
2) Hydro	17.306	369.988	2) Madhya Pradesh	15.191	386.808
3) Gas	10.208	216.584	3) Chattisgarh	5.490	150.240
Total MSPGCL	174.095	3727.729	4) Maharashtra Net	115.842	2792.139
B) 1) APML	45.454	1031.692	5) Goa (Amona)	-0.330	-9.724
2) JSWEL	28.025	469.933	Total	134.022	3266.036
3) VIPL	7.070	125.540	a) Mumbai Schedule	23.181	557.740
4) RPL(AMT)	25.983	522.024	b) Mumbai Drawl	24.214	652.543
5) WPCL	5.401	117.411	c) MSEDCL Bilateral *	27.774	783.741
6) PGPL	0.000	0.000	Include PX	-7.668	82.985
7) Other IPP	12.220	275.939	d) Mumbai Bilateral *	23.181	556.870
C) 1) TPCL Thermal	16.307	337.435	Include PX	9.356	192.939
2) TPCL Hydro	1.775	97.017	Include Standby	0.000	0.870
3) TPCL Gas	4.350	90.679	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.485	245.813	1) MSEDCL	429.008	9259.541
D) STATE			2) Mumbai Discoms	58.131	1423.495
1) Thermal	298.526	6266.944	TOTAL STATE	487.139	10683.036
(A1+C1+C4+(B1-B6))					
2) Hydro	19.081	467.005			
(A2+C2)					
3) Gas	14.558	307.263			
(A3+B6+C3)					
4) Wind	14.191	252.232			
6) SOLAR	6.761	123.548			
TOTAL STATE	353.117	7416.992			

* 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 23 Hrs
MSPGCL Thermal	6146	6070	5892	5842
MSPGCL Hydro	759	1158	598	470
MSPGCL Gas	416	406	426	431
MSPGCL Total Generation	7321	7634	6916	6743
Central Sector Receipt	6185	6414	4997	4937
WIND	229	450	768	703
CPP / IPP Thermal	5080	5276	5132	5304
CPP / IPP Gas	0	0	0	0
SOLAR	889	578	0	0
Exchange with Mumbai	-1038	-1012	-1113	-1051
MSEDCL DEMAND MET	18666	19340	16700	16636
Load Shedding	0	0	0	0
MSEDCL DEMAND	18666	19340	16700	16636
TPCL GENERATION	910	938	919	1115
R-INFRA GENERATION	476	498	468	498
MUMBAI DEMAND	2424	2448	2500	2664
STATE DEMAND MET	21090	21788	19200	19300
STATE DEMAND	21090	21788	19200	19300
Frequency (Hz)	49.96	50.00	49.98	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.00 Hrs	49.82 Hz at 22.35 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/2018

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	9.03	160.47	410	348
Unit 9	9.05	222.06	405	348
Unit 10	9.10	222.35	412	350
Total	27.18	604.88		
Bhusawal				
Unit 3	3.86	93.08	165	160
Unit 4	11.02	246.71	485	405
Unit 5	11.31	250.25	495	425
Total	26.18	590.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	2.08	119.46	240	0
Unit 7	5.70	116.54	241	231
Unit 8	5.18	86.83	226	202
Total	12.96	322.83		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	16.49	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.68	234.09	455	439
Unit 8	10.86	192.91	465	418
Unit 9	11.26	226.56	490	442
Total	32.80	670.04		
Paras				
Unit 3	5.88	125.02	249	237
Unit 4	5.87	83.72	250	235
Total	11.75	208.74		
Khaparkheda				
Unit 1	3.76	72.46	165	150
Unit 2	4.39	94.48	190	165
Unit 3	4.48	75.63	200	160
Unit 4	4.71	99.83	205	170
Unit 5	11.19	231.90	495	420
Total	28.54	574.30		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.35	33.71	189	165
Unit 5	2.82	94.94	190	0
Total	7.17	170.33		
Uran				
All Units	10.21	216.58	449	404
Total	10.21	216.58		
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	1.78	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.78		
Koyna				
Stage 1-2	4.16	92.44	415	40
Stage 4	6.40	133.31	865	0
Stage 3	2.84	49.79	240	0
Total	13.40	275.54		
Hydro				
KDPH	0.86	18.99	36	36
VTRNA	0.97	22.87	60	0
TILLARI	0.42	8.00	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.15	40	0
RNGR+BHTSA	0.30	6.28	13	12
BHANDARDRA	0.49	10.81	36	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	13.01	33	23
GHATGHAR	0.00	9.33	0	0
Total	3.90	94.45		
Wind				
Total	14.19	252.23	0	0
Total	14.19	252.23		
CPP				
APML(Mus)	45.45	1031.69	0	0
JSWEL(Mus)	28.02	469.93	0	0
VIPL(Mus)	7.07	125.54	0	0
RPLAMT(Mus)	25.98	522.02	0	0
WPCL(Mus)	5.40	117.41	0	0
Other(Mus)	12.22	275.94	0	0
Total	124.15	2542.54		
SOLAR				
Total	6.76	123.55	0	0
Total	6.76	123.55		
Tata				
Trombay 5	10.87	222.67	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	56.84	117	110
Trombay 7B	1.58	33.84	67	64
Trombay 8	5.44	114.77	243	207
TATA Hydro	1.78	97.02	214	0
Total	22.43	525.13		
R-INFRA				
DTPS U-1&2	11.48	245.81	501	374
Total	11.48	245.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.58	3141.16	MSPGCL Total	174.10	3727.73
			MSPGCL Thml+Gas	156.79	3357.74	Koyna 1,2 & 4 Total	10.56	225.76
			MSPGCL Hydro	17.31	369.99	State Total	353.12	7416.99

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 22/Apr/2018

Annexure-2

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	6150	1665	432	8247	678	5284	0	0	5079	4926	-1232	17903	0	17903	2782	20685	49.92
2	6158	1574	435	8167	808	5273	0	0	5016	5125	-1136	18237	0	18237	2604	20841	49.96
3	6172	701	445	7318	730	5269	0	0	5430	5442	-959	17800	0	17800	2432	20232	49.94
4	6183	397	437	7017	720	5261	0	0	5437	5405	-929	17474	0	17474	2318	19792	50.00
5	6152	289	437	6878	711	5171	0	0	5537	5582	-875	17467	0	17467	2248	19715	49.95
6	6282	312	436	7030	718	5225	0	0	5859	5790	-864	17899	0	17899	2248	20147	49.98
7	6408	792	449	7649	729	5239	0	34	5723	5953	-753	18851	0	18851	2170	21021	50.01
8	6431	377	435	7243	546	5268	0	217	5580	5522	-711	18085	0	18085	2147	20232	50.04
9	6358	212	426	6996	596	4980	0	481	5739	5749	-927	17875	0	17875	2191	20066	50.04
10	6174	488	416	7078	539	4669	0	648	5741	5545	-1140	17339	0	17339	2262	19601	50.04
11	6152	298	406	6856	332	4919	0	850	5888	6020	-1221	17756	0	17756	2352	20108	49.99
12	6146	759	416	7321	229	5080	0	889	6131	6185	-1038	18666	0	18666	2424	21090	49.96
13	6142	1330	405	7877	196	5136	0	924	6152	6049	-1014	19168	0	19168	2445	21613	49.98
14	6155	1123	404	7682	257	5140	0	862	6092	6121	-997	19065	0	19065	2425	21490	50.03
15	6205	1036	414	7655	351	5247	0	738	6050	5871	-1017	18845	0	18845	2454	21299	49.97
16	6070	1158	406	7634	450	5276	0	578	6234	6414	-1012	19340	0	19340	2448	21788	50.00
17	6067	1353	418	7838	505	5281	0	381	5921	6085	-974	19116	0	19116	2411	21527	50.04
18	6004	671	408	7083	595	5245	0	151	5822	5962	-918	18118	0	18118	2344	20462	50.01
19	5877	299	423	6599	663	4922	0	8	5643	5628	-1125	16695	0	16695	2324	19019	50.03
20	5892	598	426	6916	768	5132	0	0	4978	4997	-1113	16700	0	16700	2500	19200	49.98
21	5873	344	429	6646	851	5275	0	0	4907	4826	-1037	16561	0	16561	2582	19143	49.98
22	5889	371	430	6690	817	5241	0	0	4822	4817	-1018	16547	0	16547	2607	19154	49.95
23	5842	470	431	6743	703	5304	0	0	4890	4937	-1051	16636	0	16636	2664	19300	49.92
24	5799	689	444	6932	699	5315	0	0	5163	5071	-1153	16864	0	16864	2749	19613	49.96
MUs	146.58	17.31	10.21	174.10	14.19	124.15	0.00	6.76	133.83	134.02	-24.21	429.01	0.00	429.01	58.13	487.14	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/2018

Position as on 6.30 Hrs of 23/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	10/04/2018	10.37		Continued.	Air heater problem (Water shortage since 15.04.2018, 22:00Hrs)	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Parli Unit 6	250	22/04/2018	08.50		Continued.	Boiler Validity Exp.	
MSPGCL	Nasik Unit 5	210	22/04/2018	15.30	23/04/2018	01.26	oil top up	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 23/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	22/04/2018	21.57	23/04/2018	02.18	PO	valve cooling inspection.
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	21/04/2018	18.20		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	22/04/2018	02.44	22/04/2018	18.59	T	D.T. received at new koyna
Lonikand 1 -Jejuri	IntraState	22/04/2018	00.08	22/04/2018	01.02	EO	to attend c.t. main 1 cable problem.
Ektuni-Bableshwar ckt I	IntraState	22/04/2018	10.19	22/04/2018	20.34	PO	Insulator Replacement Work
Karad - Lonikand 1	IntraState	22/04/2018	16.06	22/04/2018	16.35	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	22/04/2018	20.38		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Bableshwar Ahamadnagar-Ii	IntraState	21/04/2018	22.07	22/04/2018	05.56	HT	due to sparking on isolator problem.
Kalwa - Borivali	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Mulund - GIS Bhandup	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Kharghar-Borivali ckt II	IntraState	22/04/2018	10.11	22/04/2018	11.00	HT	Line Maintenance work
Kharghar-Borivali ckt I	IntraState	22/04/2018	11.01	22/04/2018	12.17	HT	Line Maintenance work
Pophali - Kdph	IntraState	22/04/2018	12.35	22/04/2018	13.35	T	Distance Protection
Satana-Gangapur	IntraState	22/04/2018	14.20	22/04/2018	14.48	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	22/04/2018	18.10	22/04/2018	18.30	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	21/04/2018	16.44	22/04/2018	08.37	HT	to avoid O/L.
Narsi - Degloor	IntraState	22/04/2018	16.25	22/04/2018	16.31	HT	cable from ct to MB control panel break and y & BPH current not seen.

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