

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.102	4012.886	1) Gujrat	-3.357	-66.224
2) Hydro	27.458	518.427	2) Madhya Pradesh	14.539	473.279
3) Gas	10.282	274.894	3) Chattisgarh	7.040	189.150
Total MSPGCL	180.842	4806.207	4) Maharashtra Net	134.733	3559.287
B) 1) APML	35.410	1283.507	5) Goa (Amona)	-0.550	-14.234
2) JSWEL	26.998	636.610	Total	152.405	4141.258
3) VIPL	7.490	169.915	a) Mumbai Schedule	26.428	724.359
4) RPL(AMT)	26.707	680.927	b) Mumbai Drawl	26.199	829.438
5) WPCL	2.943	145.407	c) MSEDCL Bilateral *	37.177	972.595
6) PGPL	0.000	0.000	Include PX	2.480	63.916
7) Other IPP	10.688	344.518	d) Mumbai Bilateral *	26.428	723.489
C) 1) TPCL Thermal	16.930	438.995	Include PX	8.879	256.873
2) TPCL Hydro	4.175	130.455	Include Standby	0.000	0.870
3) TPCL Gas	3.872	113.875	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.968	316.958	1) MSEDCL	439.594	11886.125
D) STATE			2) Mumbai Discoms	63.144	1829.733
1) Thermal	282.236	8029.723	TOTAL STATE	502.738	13715.858
(A1+C1+C4+(B1-B6))					
2) Hydro	31.633	648.882			
(A2+C2)					
3) Gas	14.154	388.769			
(A3+B6+C3)					
4) Wind	16.723	346.424			
6) SOLAR	5.587	160.790			
TOTAL STATE	350.333	9574.588			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6067	5993	5771	5779
MSPGCL Hydro	1906	1528	673	500
MSPGCL Gas	416	416	425	426
MSPGCL Total Generation	8389	7937	6869	6705
Central Sector Receipt	6523	7469	6585	5642
WIND	406	480	822	1078
CPP / IPP Thermal	4542	4579	4536	4716
CPP / IPP Gas	0	0	0	0
SOLAR	753	604	9	0
Exchange with Mumbai	-1268	-1272	-1174	-1119
MSEDCL DEMAND MET	19345	19797	17647	17022
Load Shedding	0	0	0	0
MSEDCL DEMAND	19345	19797	17647	17022
TPCL GENERATION	1234	1194	1090	1068
R-INFRA GENERATION	499	499	497	499
MUMBAI DEMAND	3001	2965	2761	2686
STATE DEMAND MET	22346	22762	20408	19708
STATE DEMAND	22346	22762	20408	19708
Frequency (Hz)	49.92	49.91	50.02	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18:02 Hrs	49.73 Hz at 00:08 Hrs	49.94	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 28/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	7.66	212.62	331	297
Unit 9	7.65	274.35	333	280
Unit 10	7.52	273.58	330	281
Total	22.83	760.55		
Bhusawal				
Unit 3	4.70	119.98	200	185
Unit 4	10.72	311.94	475	400
Unit 5	11.18	316.56	490	430
Total	26.60	748.48		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.65	143.26	200	185
Unit 7	4.56	148.21	198	184
Unit 8	4.04	114.92	179	154
Total	13.26	406.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.02	77.54	465	450
Unit 6	0.00	0.00	0	0
Unit 7	10.62	298.08	450	430
Unit 8	9.52	218.06	456	270
Unit 9	0.00	272.20	0	0
Total	31.16	865.88		
Paras				
Unit 3	5.93	160.39	250	230
Unit 4	5.95	119.27	250	235
Total	11.88	279.66		
Khaparkheda				
Unit 1	3.88	94.99	175	145
Unit 2	4.41	121.17	195	170
Unit 3	4.29	90.44	205	162
Unit 4	4.24	125.96	205	160
Unit 5	11.50	296.06	500	430
Total	28.31	728.62		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.57	60.22	193	183
Unit 5	4.50	121.42	189	185
Total	9.07	223.31		
Uran				
All Units	10.28	274.89	445	415
Total	10.28	274.89		
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	2.07	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	2.07		
Koyna				
Stage 1-2	5.04	124.78	510	40
Stage 4	14.73	203.69	1001	0
Stage 3	4.51	72.11	240	0
Total	24.28	400.58		
Hydro				
KDPH	0.85	24.15	36	35
VTRNA	0.00	27.13	0	0
TILLARI	0.44	10.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	7.17	40	0
RNGR+BHTSA	0.29	8.05	13	12
BHANDARDRA	0.48	13.70	37	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	16.21	32	20
GHATGHAR	0.24	10.96	125	0
Total	3.18	117.85		
Wind				
Total	16.72	346.42	0	0
Total	16.72	346.42		
CPP				
APML(Mus)	35.41	1283.51	0	0
JSWEL(Mus)	27.00	636.61	0	0
VIPL(Mus)	7.49	169.92	0	0
RPLAMT(Mus)	26.71	680.93	0	0
WPCL(Mus)	2.94	145.41	0	0
Other(Mus)	10.69	344.52	0	0
Total	110.24	3260.88		
SOLAR				
Total	5.59	160.79	0	0
Total	5.59	160.79		
Tata				
Trombay 5	11.50	291.07	488	466
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	71.32	117	74
Trombay 7B	1.46	42.56	67	54
Trombay 8	5.43	147.92	242	223
TATA Hydro	4.18	130.46	398	0
Total	24.98	683.32		
R-INFRA				
DTPS U-1&2	11.97	316.96	501	496
Total	11.97	316.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.10	4012.89	MSPGCL Total	180.84	4806.21
			MSPGCL Thml+Gas	153.38	4287.78	Koyna 1,2 & 4 Total	19.77	328.47
			MSPGCL Hydro	27.46	518.43	State Total	350.33	9574.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Apr/2018

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	6068	1494	439	8001	717	4649	0	0	5463	5777	-1193	17951	0	17951	2649	20600	49.88
2	6053	1649	442	8144	722	4621	0	0	5449	5662	-1053	18096	0	18096	2455	20551	49.93
3	6058	1038	433	7529	765	4579	0	0	5653	5841	-924	17790	0	17790	2293	20083	49.92
4	6047	629	445	7121	722	4542	0	0	5621	6136	-841	17680	0	17680	2183	19863	49.95
5	6047	596	435	7078	779	4531	0	0	5551	6156	-784	17760	0	17760	2117	19877	49.96
6	6063	1083	445	7591	789	4522	0	0	5572	6179	-809	18272	0	18272	2144	20416	49.96
7	6087	1737	445	8269	766	4604	0	43	5502	5784	-765	18701	0	18701	2115	20816	49.99
8	6055	1530	432	8017	637	4586	0	171	5505	6088	-823	18676	0	18676	2173	20849	49.98
9	6075	1042	429	7546	544	4522	0	390	5744	5986	-975	18013	0	18013	2361	20374	49.97
10	6080	1144	432	7656	500	4511	0	551	5897	6192	-1150	18260	0	18260	2618	20878	49.94
11	6075	1389	420	7884	458	4510	0	678	6014	6149	-1299	18380	0	18380	2874	21254	49.94
12	6067	1906	416	8389	406	4542	0	753	6222	6523	-1268	19345	0	19345	3001	22346	49.92
13	6048	1850	417	8315	281	4607	0	783	6791	6939	-1304	19621	0	19621	3006	22627	49.89
14	6000	1564	415	7979	351	4520	0	726	6848	7087	-1240	19423	0	19423	2907	22330	49.88
15	5993	1528	416	7937	480	4579	0	604	7037	7469	-1272	19797	0	19797	2965	22762	49.91
16	5976	1243	417	7636	524	4640	0	472	7310	7512	-1192	19592	0	19592	2972	22564	49.87
17	5951	1198	418	7567	624	4611	0	292	7160	7479	-1144	19429	10	19439	2930	22369	49.94
18	5811	1663	421	7895	658	4496	0	115	6265	6886	-1155	18895	0	18895	2838	21733	50.01
19	5771	673	425	6869	822	4536	0	9	5930	6585	-1174	17647	0	17647	2761	20408	50.02
20	5742	560	434	6736	900	4689	0	0	5770	6324	-1217	17432	0	17432	2849	20281	49.97
21	5733	432	426	6591	1030	4706	0	0	5427	6072	-1182	17217	0	17217	2821	20038	49.99
22	5724	285	426	6435	1129	4716	0	0	5025	6033	-1125	17188	0	17188	2716	19904	50.00
23	5779	500	426	6705	1078	4716	0	0	5112	5642	-1119	17022	0	17022	2686	19708	49.87
24	5799	725	428	6952	1041	4701	0	0	5314	5904	-1191	17407	0	17407	2710	20117	49.92
MUs	143.10	27.46	10.28	180.84	16.72	110.24	0.00	5.59	142.18	152.41	-26.20	439.59	0.01	439.60	63.14	502.75	49.94

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 28/Apr/2018

Position as on 6.30 Hrs of 29/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	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	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
CPP	SWPGL U-3	135	27/04/2018	00.31		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	27/04/2018	23.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/04/2018	03.10	29/04/2018	10.36	Coal Shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2018

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 II	InterState	26/04/2018	08.21		Continued.	PO	Faulty Disc Replacement work
Chandrapur-II - Nanded ckt II	IntraState	28/04/2018	09.42	28/04/2018	13.43	PO	Routine Maintenance Work
Koradi-Bhusawal	IntraState	28/04/2018	10.56	28/04/2018	19.32	PO	insulator string replacement work.
Ektuni-Bableshwar ckt II	IntraState	28/04/2018	11.02	28/04/2018	19.33	EO	insulator string replacement work.
Chandrapur-Parali III	IntraState	29/04/2018	20.35		Continued.	PO	ct replacement work b-phase.
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.
400/220/33 Kv 315 MVA ICT II @Bableshwar	IntraState	28/04/2018	15.40	28/04/2018	17.28	T	Bus Bar Protection Operated
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	28/04/2018	15.40	28/04/2018	17.32	T	Bus Bar Protection Operated
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.
Kalwa - Borivali	IntraState	22/04/2018	07.13	29/04/2018	17.04	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Mulund - GIS Bhandup	IntraState	22/04/2018	07.13	29/04/2018	17.57	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Kalmeshwar - JSW	IntraState	27/04/2018	06.48	28/04/2018	08.26	PO	Tan Delta Measurment of CTs
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	28/04/2018	15.40	28/04/2018	17.38	T	Bus Bar Protection Operated
Bableshwar -Ahamadnagar-I	IntraState	28/04/2018	15.40	28/04/2018	17.45	T	Bus Bar Protection Operated
Bableshwar Ahamadnagar-Ii	IntraState	28/04/2018	15.40	28/04/2018	16.19	T	Bus Bar Protection Operated
Bableshwar- Bableshwar-I	IntraState	28/04/2018	15.40	28/04/2018	17.47	T	Bus Bar Protection Operated
Babhaleshwar - Degaon Rangari	IntraState	28/04/2018	15.40	28/04/2018	17.52	T	Bus Bar Protection Operated
Padgha - Temghar I	IntraState	29/04/2018	02.04	29/04/2018	23.31	PO	stringing work & erection of new inline tower.
Padgha-Temghar-II	IntraState	29/04/2018	02.04	29/04/2018	23.31	PO	stringing work & erection of new inline tower.
Halkarni-Mahalaxmiline	IntraState	29/04/2018	11.30		Continued.	PO	CB overhauling work.
Kharghar-Borivali ckt I	IntraState	29/04/2018	15.41	29/04/2018	16.10	PO	for safety purpose.
Kharghar-Borivali ckt II	IntraState	29/04/2018	16.19	29/04/2018	17.38	PO	for safety purpose.
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
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	29/04/2018	07.13		Continued.	T	Differential protection
132 KV LINE Outages/Trippings							
Raimoha - Pathardi	IntraState	28/04/2018	15.40	28/04/2018	16.05	T	Distance Protection
Kagzipura-Kannad	IntraState	28/04/2018	21.40	28/04/2018	21.59	T	Distance Protection
Chalisgaon-Chalisgaon-2	IntraState	29/04/2018	00.40	29/04/2018	03.54	T	on pilot wire indication.

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 28/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chalisgaon-Chalisgaon- 1	IntraState	29/04/2018	03.57	29/04/2018	04.20	HT	Attending Hot Spot
Chalisgaon-Chalisgaon-2	IntraState	29/04/2018	04.05	29/04/2018	13.14	T	on pilot wire indication.

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