

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.002	4123.865	1) Gujrat	1.974	27.149
2) Hydro	22.892	591.536	2) Madhya Pradesh	16.891	453.881
3) Gas	3.829	180.032	3) Chattisgarh	4.740	123.200
Total MSPGCL	180.723	4895.433	4) Maharashtra	125.343	3393.618
B) 1) APLM	77.339	1957.947	5) Goa (Amona)	-0.462	-14.080
2) JSWEL	22.707	639.745	Total	148.486	3983.768
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.536	807.087
4) RPL(AMT)	6.134	311.412	b) Mumbai Drawl	28.008	874.108
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.512	499.875
6) Other IPP	10.022	348.064	Include PX	-0.003	-118.286
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.536	807.087
C) 1) TPCL Thermal	15.308	403.717	Include PX	16.467	568.066
2) TPCL Hydro	2.169	104.353	Standby	0.000	0.000
3) TPCL Gas	4.354	118.369	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.289	288.347	1) MSEDCL	442.926	11924.859
D) STATE			2) Mumbai Discoms	61.128	1788.898
1) Thermal	296.801	8073.097	TOTAL STATE	504.054	13713.757
(A1+C1+C4+(B1-B6))					
2) Hydro	25.061	695.889			
(A2+C2)					
3) Gas	8.183	298.401			
(A3+B7+C3)					
4) Wind	18.735	466.873			
6) SOLAR	6.788	195.725			
TOTAL STATE	355.568	9729.985			

* 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 13 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6383	6392	6095	6441
MSPGCL Hydro	1287	1223	472	843
MSPGCL Gas	132	139	146	267
MSPGCL Total Generation	7802	7754	6713	7551
Central Sector Receipt	6538	6459	6119	6104
WIND	389	488	1609	571
CPP / IPP Thermal	4840	4814	4660	4781
CPP / IPP Gas	0	0	0	0
SOLAR	897	947	0	0
Exchange with Mumbai	-1162	-1182	-1383	-1010
MSEDCL DEMAND MET	19304	19280	17718	17997
Load Shedding	0	0	0	0
MSEDCL DEMAND	19304	19280	17718	17997
TPCL GENERATION	988	1027	890	866
AEML GENERATION	498	498	375	498
MUMBAI DEMAND	2648	2707	2648	2374
STATE DEMAND MET	21952	21987	20366	20371
STATE DEMAND	21952	21987	20366	20371
Frequency (Hz)	50.07	50.05	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.21 Hrs	49.81 Hz at 00.10 Hrs	50.03	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/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.80	99.44	200	90
Unit 7	0.00	0.00	0	0
Unit 8	8.65	202.80	400	261
Unit 9	9.94	155.16	462	320
Unit 10	8.49	282.50	418	300
Total	30.89	739.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.58	283.94	505	360
Unit 5	11.60	308.44	505	365
Total	23.18	592.39		
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	5.59	145.81	243	205
Total	5.59	145.81		
Chandrapur				
Unit 3	4.53	123.03	196	163
Unit 4	4.12	118.29	176	165
Unit 5	9.84	274.48	425	375
Unit 6	0.00	0.00	0	0
Unit 7	10.41	289.97	450	384
Unit 8	11.49	303.39	480	476
Unit 9	11.29	305.86	480	450
Total	51.68	1415.04		
Paras				
Unit 3	5.81	165.04	253	233
Unit 4	6.01	160.01	255	248
Total	11.82	325.05		
Khaparkheda				
Unit 1	0.00	83.04	0	0
Unit 2	3.41	87.63	150	130
Unit 3	3.79	97.75	165	153
Unit 4	3.84	112.37	165	155
Unit 5	10.48	289.20	450	410
Total	21.52	669.99		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.76	97.60	210	164
Unit 5	4.57	111.98	202	163
Total	9.32	235.68		
Uran				
All Units	3.83	180.03	267	131
Total	3.83	180.03		
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)	0.01	2.30	10	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	2.30		
Koyna				
Stage 1-2	4.71	164.44	455	40
Stage 4	11.18	246.22	1001	0
Stage 3	3.96	90.18	240	0
Total	19.85	500.83		
Hydro				
KDPH	0.79	23.75	33	33
VTRNA	0.84	26.77	61	0
TILLARI	0.40	10.00	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.40	40	0
RNGR+BHTSA	0.26	7.71	11	10
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	11.61	19	19
GHATGHAR	0.08	4.85	85	0
Total	3.04	90.70		
Wind				
Total	18.74	466.87	0	0
Total	18.74	466.87		
CPP				
APML(Mus)	77.34	1957.95	0	0
JSWEL(Mus)	22.71	639.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	6.13	311.41	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.02	348.06	0	0
Total	116.20	3257.17		
SOLAR				
Total	6.79	195.72	0	0
Total	6.79	195.72		
Tata				
Trombay 5	9.95	260.18	461	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	74.99	116	114
Trombay 7B	1.58	43.38	67	65
Trombay 8	5.36	143.53	233	197
TATA Hydro	2.17	104.35	246	37
Total	21.83	626.44		
AEML				
DTPS U-1&2	11.29	288.35	499	375
Total	11.29	288.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.00	4123.86	MSPGCL Total	180.72	4895.43
			MSPGCL Thml+Gas	157.83	4303.90	Koyna 1,2 & 4 Total	15.89	410.66
			MSPGCL Hydro	22.89	591.54	State Total	355.57	9729.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	6476	1307	163	7946	951	4898	0	0	6329	6321	-1374	18742	0	18742	2819	21561	49.98
2	6423	1533	178	8134	895	4906	0	0	6301	6263	-1265	18933	0	18933	2671	21604	50.00
3	6472	1130	225	7827	738	4789	0	0	6316	6335	-1134	18555	0	18555	2504	21059	50.02
4	6441	843	267	7551	571	4781	0	0	6248	6104	-1010	17997	0	17997	2374	20371	50.04
5	6430	856	181	7467	570	4791	0	0	6198	6243	-934	18137	0	18137	2294	20431	50.04
6	6511	1549	186	8246	436	4824	0	0	6192	6079	-916	18669	0	18669	2277	20946	50.06
7	6509	1759	183	8451	422	4977	0	42	6349	5879	-845	18926	0	18926	2210	21136	50.02
8	6432	1177	189	7798	384	4838	0	226	6248	5962	-822	18386	0	18386	2186	20572	50.04
9	6431	758	147	7336	319	4846	0	465	6287	6223	-904	18285	0	18285	2266	20551	50.05
10	6469	690	145	7304	356	4867	0	704	6344	6100	-989	18342	0	18342	2394	20736	50.08
11	6451	1063	143	7657	386	4836	0	852	6424	6092	-1084	18739	0	18739	2520	21259	50.06
12	6383	1287	132	7802	389	4840	0	897	6491	6538	-1162	19304	0	19304	2648	21952	50.07
13	6392	1223	139	7754	488	4814	0	947	6524	6459	-1182	19280	0	19280	2707	21987	50.05
14	6450	849	141	7440	496	4825	0	857	6513	6533	-1246	18905	0	18905	2728	21633	50.08
15	6462	1112	131	7705	559	4817	0	783	6574	6546	-1256	19154	0	19154	2721	21875	50.05
16	6448	1400	140	7988	608	4821	0	513	6577	6523	-1271	19182	0	19182	2774	21956	50.03
17	6520	1114	142	7776	701	4816	0	341	6456	6352	-1184	18802	0	18802	2682	21484	50.02
18	6576	457	132	7165	765	4805	0	140	6351	6066	-1127	17814	0	17814	2529	20343	50.01
19	6277	264	144	6685	1144	4798	0	21	6185	6100	-1237	17511	0	17511	2437	19948	49.99
20	6177	782	144	7103	1316	4848	0	0	5811	5719	-1258	17728	0	17728	2536	20264	49.95
21	6406	163	146	6715	1497	4871	0	0	6070	5692	-1278	17497	0	17497	2596	20093	49.98
22	6095	472	146	6713	1609	4660	0	0	5827	6119	-1383	17718	0	17718	2648	20366	49.98
23	6238	865	137	7240	1630	4888	0	0	5924	5955	-1552	18161	0	18161	2743	20904	49.99
24	6533	239	148	6920	1505	5046	0	0	6272	6283	-1595	18159	0	18159	2864	21023	50.01
MUs	154.00	22.89	3.83	180.72	18.73	116.20	0.00	6.79	150.81	148.49	-28.01	442.93	0.00	442.93	61.13	504.05	50.03

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/2019

Position as on 6.30 Hrs of 29/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	29/04/2019	09.08	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.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
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	
MSPGCL	Uran Unit 5	108	27/04/2019	23.39	28/04/2019	00.51	Generator Protection Operated.	
MSPGCL	Uran Unit 5	108	28/04/2019	04.12	28/04/2019	04.44	Turbine bearing Vibration high	
MSPGCL	Uran Unit 5	108	28/04/2019	07.30	29/04/2019	01.37	Turbine bearing Vibration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 29/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 II	InterState	24/04/2019	18.07	29/04/2019	08.44	HT	Over Voltage
Dabhol Nagothane I	InterState	27/04/2019	21.36	28/04/2019	11.12	T	Distance Protection,Z1,B-PH.7.84KA,19.25KM From
Chandrapur-II - Warora - I	InterState	28/04/2019	20.50	29/04/2019	09.47	T	Distance Protection, Storm And Wind In Area Warora End:-Z1, B-E, 8KA, 20.88KM, CH2 End:- B-E, 17.93KA, 15KM.
Dhule Sar'Sarovar I	InterState	29/04/2019	10.47		Continued.	PO	Replacement of Faulty String Insulators In Pid (RFC.16:50)
Khadka-Aurangabad (Waluj)	IntraState	27/04/2019	18.03	29/04/2019	06.00	HT	Over Voltage
Kalwa - Kharghar	IntraState	28/04/2019	06.29	28/04/2019	15.19	PO	BAY MAINTENANCE & TESTING WORK.
koaradi II - Wardha(PG)	IntraState	28/04/2019	09.25	28/04/2019	17.27	PO	Routine Maintenance Work
Chandrapur - Parli	IntraState	28/04/2019	20.56	29/04/2019	11.57	T	Distance Protection,Storm and wind in area,B Phase E/F, 1.36KA, 264KM.
Akola II - Akola I Ckt-II	IntraState	29/04/2019	08.56	29/04/2019	14.51	PO	Routine Maintenance Work
Bus Coupler @ Karad	IntraState	29/04/2019	10.03	29/04/2019	18.45	PO	PG & HCB Isolator Overhauling Work, Quarterly Maintenance Work.
Warora-Adani(Tiroda)1	IntraState	29/04/2019	12.53	29/04/2019	15.44	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	29/04/2019	17.56		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	29/04/2019	18.07	29/04/2019	20.26	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
Chandrapur - Parli	IntraState	29/04/2019	18.07		Continued.	T	BUS2 BUS BAR OPERATED DUE TO CT BURST AT PARLY END OF 400KV PARLY-CHANDRAPUR LINE.
Parly(MS)- Nanded ckt I	IntraState	29/04/2019	18.07	29/04/2019	19.14	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
Parly(MS)- Nanded ckt II	IntraState	29/04/2019	18.07	29/04/2019	20.42	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
Pune(GIS)-Parli(PG) Ckt 1	IntraState	29/04/2019	18.07	29/04/2019	19.47	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
Main Bus II @ Parly	IntraState	29/04/2019	18.07	29/04/2019	19.47	T	Y-Ph CT Burst of CHD-PRLY Ckt 3 At Parly End.
Bus Coupler @ Parly(Girwali)	IntraState	29/04/2019	18.07	29/04/2019	21.06	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
Parly(MS)- Nanded ckt II	IntraState	29/04/2019	22.42		Continued.	EO	Attending Hot Spot On Isolator.
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.
400/220 kV 500MVA ICT-I @ Alkud	IntraState	28/04/2019	17.47	28/04/2019	19.18	PO	CTR-TCIV indication checking work
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	29/04/2019	18.07	29/04/2019	19.49	T	Bus2 Bus Bar Operated Due To CT Burst At Parly End of 400KV Parly-Chandrapur Line.
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.

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/2019

Statement-VII

Position as on 6.30 Hrs of 29/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Tata Borivli MSETCL Borivli 4	IntraState	27/04/2019	22.55	28/04/2019	00.02	PO	relay testing work.
Bhira Dharavi 8	IntraState	28/04/2019	06.11	28/04/2019	10.43	PO	For MSETCL Line Dismantling work
Bhira Dharavi 7	IntraState	28/04/2019	06.11	28/04/2019	10.40	PO	For MSETCL Line Dismantling work
Salsette - Saki 7	IntraState	28/04/2019	08.37	28/04/2019	19.16	EO	To attend Hot Spot
Kalwa - Mulund 2	IntraState	28/04/2019	14.17	28/04/2019	17.05	T	Distance Protection
Niwali - Pawas Line	IntraState	29/04/2019	04.06	29/04/2019	13.55	T	Distance Protection, Z-2, B-Ph, 1.7KA, 45KM From Niwali.
Vita-Hiwarwadi	IntraState	29/04/2019	10.31	29/04/2019	17.22	PO	Restraining of R,Y,B, Conductor From Loc No 112 To 122.
Badnera-Akola li	IntraState	29/04/2019	11.27	29/04/2019	20.56	PO	Disconnecting of Jumpers.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhana	IntraState	29/04/2019	17.34	29/04/2019	19.24	EO	HV Side Jumper Replacement.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhana-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