

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.727	4281.592	1) Gujrat	2.808	29.957
2) Hydro	11.523	603.059	2) Madhya Pradesh	17.549	471.430
3) Gas	6.415	186.447	3) Chattisgarh	4.730	127.930
Total MSPGCL	175.665	5071.098	4) Maharashtra	120.599	3514.217
B) 1) APMIL	77.607	2035.554	5) Goa (Amona)	-0.792	-14.872
2) JSWEL	22.593	662.338	Total	144.894	4128.662
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.594	833.681
4) RPL(AMT)	5.252	316.664	b) Mumbai Drawl	33.503	907.611
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.674	519.549
6) Other IPP	11.270	359.334	Include PX	-3.075	-121.362
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.594	833.681
C) 1) TPCL Thermal	13.009	416.726	Include PX	18.008	586.074
2) TPCL Hydro	2.194	106.547	Standby	0.000	0.000
3) TPCL Gas	4.355	122.724	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.393	297.740	1) MSEDCL	436.955	12361.814
D) STATE			2) Mumbai Discoms	62.454	1851.352
1) Thermal	296.851	8369.948	TOTAL STATE	499.409	14213.166
(A1+C1+C4+(B1-B6))					
2) Hydro	13.717	709.606			
(A2+C2)					
3) Gas	10.770	309.171			
(A3+B7+C3)					
4) Wind	26.686	493.559			
6) SOLAR	6.491	202.216			
TOTAL STATE	354.515	10084.500			

* 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 5 Hrs
MSPGCL Thermal	6516	6762	6637	6187
MSPGCL Hydro	957	925	274	264
MSPGCL Gas	280	280	285	288
MSPGCL Total Generation	7753	7967	7196	6739
Central Sector Receipt	6276	6598	5421	6025
WIND	558	841	1609	1523
CPP / IPP Thermal	4786	4834	4911	4746
CPP / IPP Gas	0	0	0	0
SOLAR	908	608	0	0
Exchange with Mumbai	-1475	-1666	-1437	-1219
MSEDCL DEMAND MET	18806	19182	17700	17814
Load Shedding	0	0	0	0
MSEDCL DEMAND	18806	19182	17700	17814
TPCL GENERATION	813	827	911	693
AEML GENERATION	374	375	374	374
MUMBAI DEMAND	2662	2868	2722	2286
STATE DEMAND MET	21468	22050	20422	20100
STATE DEMAND	21468	22050	20422	20100
Frequency (Hz)	50.05	50.00	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18:00 Hrs	49.74 Hz at 22:24 Hrs	50.02	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 29/Apr/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	103.30	175	155
Unit 7	0.00	0.00	0	0
Unit 8	9.36	212.16	450	319
Unit 9	10.24	165.40	461	341
Unit 10	9.83	292.33	450	314
Total	33.29	773.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.70	294.64	500	340
Unit 5	10.74	319.18	505	355
Total	21.43	613.82		
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	5.06	150.88	239	189
Total	5.06	150.88		
Chandrapur				
Unit 3	4.54	127.57	195	170
Unit 4	4.19	122.48	177	165
Unit 5	9.82	284.30	425	380
Unit 6	4.71	4.71	395	0
Unit 7	10.44	300.41	450	385
Unit 8	11.45	314.84	480	445
Unit 9	11.30	317.16	480	440
Total	56.44	1471.48		
Paras				
Unit 3	5.65	170.69	250	203
Unit 4	5.89	165.90	253	220
Total	11.54	336.59		
Khaparkheda				
Unit 1	0.00	83.04	0	0
Unit 2	3.74	91.38	160	130
Unit 3	3.83	101.57	168	140
Unit 4	3.80	116.18	165	140
Unit 5	10.25	299.45	470	400
Total	21.62	691.62		
Nasik				
Unit 3	0.00	26.10	0	0
Unit 4	4.19	101.79	210	157
Unit 5	4.15	116.13	198	160
Total	8.34	244.02		
Uran				
All Units	6.42	186.45	297	148
Total	6.42	186.45		
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)	0.03	2.33	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	2.33		
Koyna				
Stage 1-2	3.70	168.14	465	40
Stage 4	3.27	249.49	465	0
Stage 3	1.80	91.98	160	0
Total	8.77	509.60		
Hydro				
KDPH	0.79	24.54	33	33
VTRNA	0.88	27.65	61	0
TILLARI	0.27	10.27	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	5.58	40	0
RNGR+BHTSA	0.26	7.97	11	10
BHANDARDRA	0.00	0.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.37	11.98	16	15
GHATGHAR	0.00	4.85	0	0
Total	2.75	93.46		
Wind				
Total	26.69	493.56	0	0
Total	26.69	493.56		
CPP				
APML(Mus)	77.61	2035.55	0	0
JSWEL(Mus)	22.59	662.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.25	316.66	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	11.27	359.33	0	0
Total	116.72	3373.89		
SOLAR				
Total	6.49	202.22	0	0
Total	6.49	202.22		
Tata				
Trombay 5	8.14	268.32	460	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	77.77	116	115
Trombay 7B	1.57	44.96	66	65
Trombay 8	4.87	148.40	235	196
TATA Hydro	2.19	106.55	245	0
Total	19.56	646.00		
AEML				
DTPS U-1&2	9.39	297.74	498	373
Total	9.39	297.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.73	4281.59	MSPGCL Total	175.66	5071.10
			MSPGCL Thml+Gas	164.14	4468.04	Koyna 1,2 & 4 Total	6.97	417.62
			MSPGCL Hydro	11.52	603.06	State Total	354.52	10084.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6607	604	148	7359	1279	5112	0	0	6085	6216	-1389	18577	0	18577	2820	21397	50.04
2	6586	384	156	7126	1407	4859	0	0	6458	6433	-1219	18606	0	18606	2635	21241	50.02
3	6606	179	200	6985	1328	4818	0	0	6357	6262	-1278	18115	0	18115	2469	20584	50.03
4	6379	153	256	6788	1512	4764	0	0	6255	5941	-1249	17756	0	17756	2357	20113	50.04
5	6187	264	288	6739	1523	4746	0	0	6039	6025	-1219	17814	0	17814	2286	20100	50.02
6	6551	120	287	6958	1494	4777	0	0	6234	6165	-1206	18188	0	18188	2274	20462	50.01
7	6644	125	289	7058	1199	4893	0	44	6500	6184	-1131	18247	0	18247	2222	20469	50.04
8	6372	202	286	6860	1219	4828	0	197	6204	6202	-1141	18165	0	18165	2212	20377	50.03
9	6282	638	286	7206	665	4748	0	414	6007	5938	-1239	17732	0	17732	2312	20044	50.02
10	6413	599	283	7295	645	4750	0	608	6075	6143	-1329	18112	0	18112	2453	20565	50.01
11	6435	629	271	7335	530	4813	0	803	6340	6334	-1422	18393	0	18393	2600	20993	50.03
12	6516	957	280	7753	558	4786	0	908	6310	6276	-1475	18806	0	18806	2662	21468	50.05
13	6750	798	277	7825	562	4812	0	830	6403	6500	-1533	18996	0	18996	2737	21733	50.03
14	6830	491	268	7589	711	4819	0	846	6419	6311	-1518	18758	0	18758	2733	21491	50.07
15	6804	726	279	7809	728	4801	0	687	6423	6508	-1623	18910	0	18910	2837	21747	49.99
16	6762	925	280	7967	841	4834	0	608	6655	6598	-1666	19182	0	19182	2868	22050	50.00
17	6690	775	281	7746	946	4865	0	364	6359	6296	-1583	18634	0	18634	2772	21406	50.02
18	6650	443	273	7366	991	4864	0	163	6128	5880	-1490	17774	0	17774	2686	20460	50.06
19	6342	239	285	6866	1451	4724	0	19	5860	5691	-1423	17328	0	17328	2613	19941	50.08
20	6637	274	285	7196	1609	4911	0	0	5437	5421	-1437	17700	0	17700	2722	20422	49.99
21	6808	239	285	7332	1559	5001	0	0	5197	5113	-1446	17559	0	17559	2759	20318	50.03
22	6593	325	297	7215	1493	5017	0	0	5092	5201	-1516	17410	0	17410	2742	20152	49.99
23	6634	765	287	7686	1252	5066	0	0	5369	5509	-1509	18004	0	18004	2805	20809	49.93
24	6649	669	288	7606	1184	5114	0	0	5693	5747	-1462	18189	0	18189	2878	21067	49.97
MUs	157.73	11.52	6.41	175.67	26.69	116.72	0.00	6.49	145.90	144.89	-33.50	436.96	0.00	436.96	62.45	499.41	50.02

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 29/Apr/2019

Position as on 6.30 Hrs of 30/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	28/04/2019	07.30	29/04/2019	01.37	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 30/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
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
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	30/04/2019	09.53	HT	Over Voltage
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.
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.
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.
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.
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.
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.
Parly(MS)- Nanded ckt II	IntraState	29/04/2019	22.42	30/04/2019	00.44	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.
400/220/33 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.
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

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 29/Apr/2019

Statement-VII

Position as on 6.30 Hrs of 30/Apr/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
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 @Kanhhan	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.
Kanhhan-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