

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.035	4153.921	1) Gujrat	-1.755	-67.979
2) Hydro	21.685	540.112	2) Madhya Pradesh	15.820	489.099
3) Gas	10.301	285.195	3) Chattisgarh	6.920	196.070
Total MSPGCL	173.021	4979.228	4) Maharashtra Net	125.929	3685.216
B) 1) APML	35.316	1318.823	5) Goa (Amona)	-0.462	-14.696
2) JSWEL	26.476	663.086	Total	146.452	4287.710
3) VIPL	7.165	177.080	a) Mumbai Schedule	22.706	747.064
4) RPL(AMT)	26.267	707.194	b) Mumbai Drawl	23.060	852.498
5) WPCL	2.823	148.230	c) MSEDCL Bilateral *	39.537	1012.132
6) PGPL	0.000	0.000	Include PX	4.910	68.826
7) Other IPP	10.308	354.826	d) Mumbai Bilateral *	22.706	746.194
C) 1) TPCL Thermal	16.314	455.309	Include PX	8.193	265.066
2) TPCL Hydro	1.408	131.863	Include Standby	0.000	0.870
3) TPCL Gas	4.312	118.187	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.551	328.509	1) MSEDCL	436.770	12322.895
D) STATE			2) Mumbai Discoms	56.645	1886.378
1) Thermal	277.255	8306.978	TOTAL STATE	493.415	14209.273
(A1+C1+C4+(B1-B6))					
2) Hydro	23.093	671.975			
(A2+C2)					
3) Gas	14.613	403.382			
(A3+B6+C3)					
4) Wind	25.757	372.181			
6) SOLAR	6.245	167.035			
TOTAL STATE	346.963	9921.551			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5971	5967	6038	5521
MSPGCL Hydro	1340	914	190	1609
MSPGCL Gas	419	417	423	443
MSPGCL Total Generation	7730	7298	6651	7573
Central Sector Receipt	6375	6547	5768	5446
WIND	943	918	1571	919
CPP / IPP Thermal	4499	4703	4317	4424
CPP / IPP Gas	0	0	0	0
SOLAR	804	855	11	0
Exchange with Mumbai	-1005	-991	-998	-743
MSEDCL DEMAND MET	19346	19330	17320	17619
Load Shedding	0	0	0	0
MSEDCL DEMAND	19346	19330	17320	17619
TPCL GENERATION	908	920	871	891
R-INFRA GENERATION	499	499	453	499
MUMBAI DEMAND	2412	2410	2322	2133
STATE DEMAND MET	21758	21740	19642	19752
STATE DEMAND	21758	21740	19642	19752
Frequency (Hz)	50.00	49.98	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.84 Hz at 15.50 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 29/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	7.98	220.60	389	190
Unit 9	8.33	282.68	410	210
Unit 10	4.63	278.21	395	0
Total	20.95	781.50		
Bhusawal				
Unit 3	4.60	124.58	195	180
Unit 4	10.06	322.00	470	350
Unit 5	10.29	326.85	490	355
Total	24.94	773.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.13	148.39	236	190
Unit 7	5.25	153.46	245	169
Unit 8	4.37	119.29	190	170
Total	14.75	421.14		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.80	88.34	465	410
Unit 6	0.00	0.00	0	0
Unit 7	10.64	308.72	451	432
Unit 8	10.64	228.70	465	385
Unit 9	0.00	272.20	0	0
Total	32.09	897.96		
Paras				
Unit 3	5.82	166.21	250	228
Unit 4	5.92	125.19	250	220
Total	11.74	291.40		
Khaparkheda				
Unit 1	3.83	98.82	165	155
Unit 2	4.42	125.58	185	180
Unit 3	4.40	94.84	196	174
Unit 4	4.38	130.34	195	165
Unit 5	10.73	306.79	500	400
Total	27.75	756.38		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.50	64.72	192	175
Unit 5	4.31	125.73	190	164
Total	8.81	232.12		
Uran				
All Units	10.30	285.20	449	416
Total	10.30	285.20		
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	2.07	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.07		
Koyna				
Stage 1-2	5.28	130.06	525	40
Stage 4	10.15	213.84	1000	0
Stage 3	3.31	75.41	320	0
Total	18.73	419.31		
Hydro				
KDPH	0.84	24.98	35	34
VTRNA	0.00	27.13	0	0
TILLARI	0.58	11.07	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	7.33	40	0
RNGR+BHTSA	0.25	8.30	11	10
BHANDARDRA	0.48	14.18	38	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	16.72	30	19
GHATGHAR	0.12	11.09	123	0
Total	2.95	120.80		
Wind				
Total	25.76	372.18	0	0
Total	25.76	372.18		
CPP				
APML(Mus)	35.32	1318.82	0	0
JSWEL(Mus)	26.48	663.09	0	0
VIPL(Mus)	7.16	177.08	0	0
RPLAMT(Mus)	26.27	707.19	0	0
WPCL(Mus)	2.82	148.23	0	0
Other(Mus)	10.31	354.83	0	0
Total	108.36	3369.24		
SOLAR				
Total	6.24	167.04	0	0
Total	6.24	167.04		
Tata				
Trombay 5	10.96	302.03	488	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	74.07	118	105
Trombay 7B	1.56	44.12	66	62
Trombay 8	5.36	153.28	243	206
TATA Hydro	1.41	131.86	154	0
Total	22.03	705.36		
R-INFRA				
DTPS U-1&2	11.55	328.51	501	375
Total	11.55	328.51		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.04	4153.92	MSPGCL Total	173.02	4979.23
			MSPGCL Thml+Gas	151.34	4439.12	Koyna 1,2 & 4 Total	15.43	343.90
			MSPGCL Hydro	21.68	540.11	State Total	346.96	9921.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5916	951	449	7316	979	4596	0	0	5716	6331	-1122	18100	0	18100	2631	20731	49.97
2	5866	1048	430	7344	1041	4548	0	0	5643	6107	-982	18058	0	18058	2456	20514	49.98
3	5707	1109	431	7247	942	4444	0	0	5641	6082	-893	17822	0	17822	2294	20116	49.97
4	5493	1553	441	7487	1097	4419	0	0	5621	5668	-801	17870	0	17870	2191	20061	49.98
5	5521	1609	443	7573	919	4424	0	0	5575	5446	-743	17619	0	17619	2133	19752	49.98
6	5557	1729	434	7720	957	4481	0	0	5927	6105	-744	18519	0	18519	2136	20655	49.99
7	5686	1955	443	8084	826	4713	0	36	5800	5864	-626	18897	0	18897	2086	20983	50.01
8	5607	1692	441	7740	725	4717	0	194	5743	5768	-618	18526	0	18526	2080	20606	49.99
9	5764	1200	428	7392	645	4552	0	435	5524	5808	-694	18138	0	18138	2153	20291	50.03
10	5874	1125	426	7425	858	4427	0	612	5612	5793	-816	18299	0	18299	2239	20538	50.00
11	5881	1001	423	7305	936	4437	0	765	5807	6001	-934	18510	0	18510	2347	20857	49.99
12	5971	1340	419	7730	943	4499	0	804	6153	6375	-1005	19346	0	19346	2412	21758	50.00
13	5967	914	417	7298	918	4703	0	855	6732	6547	-991	19330	0	19330	2410	21740	49.98
14	6026	379	417	6822	967	4692	0	777	6778	6848	-984	19122	0	19122	2403	21525	49.97
15	6066	389	416	6871	1153	4696	0	734	6694	6837	-1018	19273	0	19273	2444	21717	49.96
16	6025	266	418	6709	1065	4716	0	543	6977	7200	-1033	19200	0	19200	2463	21663	49.95
17	5963	563	429	6955	1184	4694	0	344	6954	6970	-980	19167	0	19167	2405	21572	50.03
18	6023	550	421	6994	1405	4489	0	135	6065	6199	-969	18253	0	18253	2338	20591	50.05
19	6038	190	423	6651	1571	4317	0	11	5665	5768	-998	17320	0	17320	2322	19642	50.02
20	6003	710	424	7137	1399	4022	0	0	5620	5813	-1258	17113	0	17113	2455	19568	49.97
21	6158	268	426	6852	1298	4269	0	0	5735	5894	-1252	17061	0	17061	2472	19533	49.99
22	6021	241	427	6689	1200	4437	0	0	5682	5789	-1238	16877	0	16877	2482	19359	50.01
23	5958	488	438	6884	1325	4477	0	0	5840	5744	-1162	17268	0	17268	2602	19870	49.98
24	5944	415	437	6796	1404	4586	0	0	5859	5495	-1199	17082	0	17082	2691	19773	49.99
MUs	141.04	21.68	10.30	173.02	25.76	108.36	0.00	6.25	143.36	146.45	-23.06	436.77	0.00	436.77	56.64	493.42	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 29/Apr/2018

Position as on 6.30 Hrs of 30/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 29/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 30/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-Parali III	IntraState	29/04/2018	20.35	30/04/2018	06.50	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.
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.
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.
TPC Borivali Aarey Line 1	IntraState	30/04/2018	00.48	30/04/2018	06.13	PO	safety purpose for metro work.
Chalisgaon -Babhaleshwar	IntraState	30/04/2018	02.41		Continued.	HT	broken conductor alarm.
Trombay MSETCL Tie 2	IntraState	30/04/2018	05.40		Continued.	T	line Differential operated.
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							
Chalisgaon-Chalisgaon-2	IntraState	29/04/2018	00.40	29/04/2018	03.54	T	on pilot wire indication.
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