

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	151.653	4297.776	1) Gujrat	-3.032	-33.689
2) Hydro	9.828	446.914	2) Madhya Pradesh	18.662	582.857
3) Gas	6.986	226.153	3) Chattisgarh	7.200	191.410
Total MSPGCL	168.467	4970.843	4) Maharashtra Net	130.803	3456.796
B) 1) APML	38.943	1285.843	5) Goa (Amona)	-0.440	-18.700
2) JSWEL	16.564	551.141	Total	153.193	4178.674
3) VIPL	10.058	321.986	a) Mumbai Schedule	21.074	665.412
4) RPL(AMT)	18.827	514.445	b) Mumbai Drawl	28.389	732.627
5) WPCL	4.197	118.636	c) MSEDCL Bilateral *	37.839	1099.974
6) PGPL	0.000	0.000	Include PX	8.609	236.947
7) Other IPP	15.464	378.324	d) Mumbai Bilateral *	21.074	665.412
C) 1) TPCL Thermal	14.629	470.287	Include PX	2.816	137.515
2) TPCL Hydro	2.920	122.640	Include Standby	0.000	0.000
3) TPCL Gas	4.481	118.274	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.722	333.810	1) MSEDCL	416.548	11926.897
D) STATE			2) Mumbai Discoms	61.140	1777.653
1) Thermal	281.057	8272.248	TOTAL STATE	477.688	13704.550
(A1+C1+C4+(B1-B6))					
2) Hydro	12.748	569.554			
(A2+C2)					
3) Gas	11.467	344.427			
(A3+B6+C3)					
4) Wind	13.504	229.406			
6) SOLAR	5.720	110.226			
TOTAL STATE	324.496	9525.861			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6428	6473	6364	6245
MSPGCL Hydro	870	683	232	138
MSPGCL Gas	280	289	328	292
MSPGCL Total Generation	7578	7445	6924	6675
Central Sector Receipt	7407	7348	5755	5996
WIND	301	263	560	726
CPP / IPP Thermal	4606	4515	4397	4073
CPP / IPP Gas	0	0	0	0
SOLAR	761	751	0	0
Exchange with Mumbai	-1507	-1497	-1455	-864
MSEDCL DEMAND MET	19146	18825	16181	16606
Load Shedding	0	0	0	0
MSEDCL DEMAND	19146	18825	16181	16606
TPCL GENERATION	1006	909	993	713
R-INFRA GENERATION	503	441	376	394
MUMBAI DEMAND	3016	2847	2824	1971
STATE DEMAND MET	22162	21672	19005	18577
STATE DEMAND	22162	21672	19005	18577
Frequency (Hz)	50.03	50.00	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.03 Hrs	49.79 Hz at 00.09 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 30/Mar/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	9.90	252.96	450	350
Unit 9	9.98	299.87	453	352
Unit 10	9.96	349.35	455	350
Total	29.85	902.18		
Bhusawal				
Unit 3	4.54	71.34	200	160
Unit 4	11.16	339.30	490	400
Unit 5	11.13	343.47	495	410
Total	26.82	754.12		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.86	156.43	250	190
Unit 7	5.72	145.67	256	191
Unit 8	5.07	160.70	235	181
Total	16.64	462.80		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.11	302.39	310	286
Unit 6	0.00	0.00	0	0
Unit 7	9.13	88.42	450	270
Unit 8	9.32	271.42	410	345
Unit 9	9.33	331.06	413	345
Total	34.89	993.28		
Paras				
Unit 3	5.70	154.18	248	218
Unit 4	5.80	175.83	250	223
Total	11.50	330.01		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.45	73.09	200	165
Unit 3	4.22	99.98	192	170
Unit 4	4.55	126.32	210	168
Unit 5	10.35	314.08	460	400
Total	23.57	613.48		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	123.25	176	155
Unit 5	4.32	114.83	191	162
Total	8.38	241.91		
Uran				
All Units	6.99	226.15	328	272
Total	6.99	226.15		
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)	0.05	1.45	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.45		
Koyna				
Stage 1-2	2.28	108.96	355	40
Stage 4	2.80	161.96	500	0
Stage 3	0.57	57.90	80	0
Total	5.65	328.82		
Hydro				
KDPH	0.86	16.80	36	36
VTRNA	1.02	34.99	61	0
TILLARI	0.48	7.82	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	6.22	60	0
RNGR+BHTSA	0.32	9.32	14	13
BHANDARDRA	0.47	12.02	33	13
ELDARY	0.00	1.40	0	0
SMLHY_PTN	0.85	20.68	36	35
GHATGHAR	0.00	8.86	0	0
Total	4.18	118.10		
Wind				
Total	13.50	229.41	0	0
Total	13.50	229.41		
CPP				
APML(Mus)	38.94	1285.84	0	0
JSWEL(Mus)	16.56	551.14	0	0
VIPL(Mus)	10.06	321.99	0	0
RPLAMT(Mus)	18.83	514.44	0	0
WPCL(Mus)	4.20	118.64	0	0
Other(Mus)	15.46	378.32	0	0
Total	104.05	3170.38		
SOLAR				
Total	5.72	110.23	0	0
Total	5.72	110.23		
Tata				
Trombay 5	9.27	305.24	479	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	73.48	120	116
Trombay 7B	1.63	44.80	69	67
Trombay 8	5.36	165.04	244	207
TATA Hydro	2.92	122.64	307	6
Total	22.03	711.20		
R-INFRA				
DTPS U-1&2	10.72	333.81	503	373
Total	10.72	333.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	151.65	4297.78	MSPGCL Total	168.47	4970.84
			MSPGCL Thml+Gas	158.64	4523.93	Koyna 1,2 & 4 Total	5.08	270.92
			MSPGCL Hydro	9.83	446.91	State Total	324.50	9525.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Mar/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	6249	371	290	6910	633	4204	0	0	5918	6265	-931	17081	0	17081	2438	19519	49.92
2	6267	158	300	6725	644	4151	0	0	5759	5931	-761	16690	0	16690	2243	18933	49.92
3	6262	138	291	6691	783	4074	0	0	5769	5897	-721	16724	0	16724	2084	18808	49.91
4	6245	138	292	6675	726	4073	0	0	5845	5996	-864	16606	0	16606	1971	18577	49.95
5	6260	143	283	6686	800	4054	0	0	5859	6090	-867	16763	0	16763	1947	18710	49.97
6	6281	473	304	7058	833	4092	0	0	5805	6160	-740	17403	0	17403	2000	19403	49.99
7	6409	456	292	7157	865	4121	0	13	6477	6743	-628	18271	0	18271	2034	20305	50.05
8	6395	228	294	6917	648	4101	0	156	6403	6606	-717	17711	0	17711	2129	19840	50.02
9	6405	330	290	7025	398	4199	0	368	5928	6245	-921	17314	0	17314	2342	19656	50.01
10	6435	362	286	7083	451	4339	0	569	6007	6375	-1065	17752	0	17752	2632	20384	49.97
11	6434	388	275	7097	389	4404	0	726	6561	6847	-1363	18100	0	18100	2875	20975	49.98
12	6428	870	280	7578	301	4606	0	761	7447	7407	-1507	19146	0	19146	3016	22162	50.03
13	6406	447	279	7132	280	4562	0	810	7565	7320	-1543	18561	0	18561	3010	21571	49.98
14	6473	683	289	7445	263	4515	0	751	7308	7348	-1497	18825	0	18825	2847	21672	50.00
15	6406	778	280	7464	257	4404	0	624	7414	7313	-1574	18488	0	18488	2876	21364	49.97
16	6324	978	280	7582	327	4437	0	506	7396	7200	-1518	18534	0	18534	2912	21446	49.99
17	6363	708	272	7343	391	4584	0	315	7038	7177	-1461	18350	0	18350	2904	21254	50.01
18	6420	644	285	7349	498	4478	0	119	6237	5995	-1416	17023	0	17023	2850	19873	50.05
19	6372	283	321	6976	616	4378	0	2	6094	5358	-1519	15811	0	15811	2796	18607	50.04
20	6364	232	328	6924	560	4397	0	0	5834	5755	-1455	16181	0	16181	2824	19005	50.02
21	6234	256	307	6797	728	4378	0	0	5852	5516	-1431	15989	0	15989	2698	18687	50.00
22	5972	314	288	6574	736	4392	0	0	5510	5771	-1374	16099	0	16099	2644	18743	49.99
23	6159	240	279	6678	674	4520	0	0	5735	5925	-1253	16544	0	16544	2545	19089	49.95
24	6090	210	301	6601	703	4589	0	0	5893	5951	-1263	16581	0	16581	2524	19105	49.99
MUs	151.65	9.83	6.99	168.47	13.50	104.05	0.00	5.72	151.65	153.19	-28.39	416.55	0.00	416.55	61.14	477.69	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 30/Mar/2018

Position as on 6.30 Hrs of 31/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
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								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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 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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
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.	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	JSW (J) U2	300	28/03/2018	11.36	30/03/2018	06.37	CW Duct Leakage	
MSPGCL	Uran Unit 6	108	30/03/2018	20.51	30/03/2018	23.39	boiler protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni - Akola II Ckt I	IntraState	30/03/2018	11.30	30/03/2018	18.54	PO	Routine Maintenance Work
705 Tie Bay @ Tirora	IntraState	30/03/2018	12.02	30/03/2018	18.03	EO	sf6 gas leakage attend.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/03/2018	22.30	31/03/2018	06.04	PO	Routine Maintenance Work
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	28/03/2018	18.33	30/03/2018	10.03	HT	Over Voltage
Dabhol Nagothane II	InterState	30/03/2018	08.43	30/03/2018	14.48	PO	insulator washing work.
Wardha (Pg) Warora I	InterState	30/03/2018	11.33	30/03/2018	15.09	T	Distance Protection
Dabhol Nagothane I	InterState	30/03/2018	13.24	30/03/2018	17.12	T	Distance Protection
Dhule Sar'Sarovar I	InterState	30/03/2018	18.08		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	29/03/2018	15.32	30/03/2018	09.45	HT	Heavy Oil Leakage
Bhusawal-Aurangabad	IntraState	29/03/2018	18.28	30/03/2018	09.07	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/03/2018	18.31	30/03/2018	09.07	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	29/03/2018	19.03	30/03/2018	04.30	T	Distance Protection
Main Bus II @ Chandrapur SW	IntraState	30/03/2018	07.34	30/03/2018	15.40	PO	Line Maintenance work
Alkud-Kolhapur(Talandage)	IntraState	30/03/2018	09.19	30/03/2018	13.05	PO	Annual Maintenance Work
Girwali - Lonikand 1	IntraState	30/03/2018	12.49	30/03/2018	17.58	T	Distance Protection
Bhusawal-Aurangabad	IntraState	30/03/2018	18.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	29/03/2018	15.49	30/03/2018	02.14	PO	Main Bus-2 Outage.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	30/03/2018	14.48	30/03/2018	21.06	T	hv side r ph la burst.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Sonkhar	IntraState	29/03/2018	06.16		Continued.	PO	Replacement Of Conductor
Padghe - Vasai	IntraState	29/03/2018	21.40	30/03/2018	09.14	T	B Phase PT Bust.
Kharghar-Borivali ckt I	IntraState	30/03/2018	06.10	30/03/2018	11.13	PO	safety purpose off.
Kalwa - Siemens	IntraState	30/03/2018	06.12	30/03/2018	10.48	PO	safety purpose off.
Tata Borivli MSETCL Borivli 5	IntraState	30/03/2018	10.20	30/03/2018	16.23	PO	Routine Maintenance Work
Nanded-Parbhani	IntraState	30/03/2018	11.34	30/03/2018	16.01	HT	in view of outage on 220 kv wagala kumhargaoon ckt.
Pandharpur - Hiwarwada	IntraState	30/03/2018	13.20	30/03/2018	14.40	T	phase to faulty -b phase.

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 30/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Miraj - Ichalkaranji II	IntraState	30/03/2018	14.57		Continued.	HT	controlling talangde ict loading.
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	30/03/2018	15.17	30/03/2018	15.29	T	Distance Protection
Nanded - Parli Ext. Ckt I	IntraState	30/03/2018	16.37		Continued.	HT	for absorbing mvr and o/v problem at nanded end.
Nanded - Parli Ext. Ckt II	IntraState	30/03/2018	16.37		Continued.	HT	for absorbing mvr and o/v problem at nanded end.
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	30/03/2018	18.33		Continued.	PO	crm timing.
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)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	25/03/2018	09.34		Continued.	PO	Oil Filtration With Dehydration As Moisture Content With Increasing Detected, Increasing Trend Of CO And CO2
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Buccholz Protection Optd
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	28/03/2018	19.04		Continued.	T	REF Protection Operated.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	29/03/2018	21.40	30/03/2018	00.55	T	B Phase PT Bust.
220/100 Kv 100 MVA ICT II @Vasai-II	IntraState	29/03/2018	21.40	30/03/2018	01.25	T	B Phase PT Bust.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	30/03/2018	09.55	30/03/2018	12.40	PO	meter replacement.oti,wti.
220/132KV 200MVA ICT II @Kurkumb	IntraState	30/03/2018	10.45	30/03/2018	17.15	PO	Isolator Replacement work.
132 KV LINE Outages/Trippings							
Kaulewada-Kachewanirlytss1	IntraState	29/03/2018	23.48	30/03/2018	00.26	T	Backup Protection
Kaulewada-Kachewani Rly Tss 2	IntraState	29/03/2018	23.48	30/03/2018	00.14	T	Backup Protection
Chikhali-Deulgaon Mahi	IntraState	30/03/2018	06.10	30/03/2018	06.40	T	Distance Protection
Waghala (Nanded2) - Elichpur	IntraState	30/03/2018	11.27	30/03/2018	16.03	HT	in view of outage on 220 kv wagala kumhargaoon ckt.
Waghala(Nanded2) - Ardhapur	IntraState	30/03/2018	11.28	30/03/2018	16.04	HT	for load management.

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