

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.371	1142.962	1) Gujrat	-2.527	-17.877
2) Hydro	7.825	144.205	2) Madhya Pradesh	19.296	145.814
3) Gas	10.667	77.437	3) Chattisgarh	6.770	52.430
Total MSPGCL	149.863	1364.604	4) Maharashtra Net	125.671	1018.237
B) 1) APML	45.282	343.460	5) Goa (Amona)	-0.440	-4.268
2) JSWEL	17.150	151.872	Total	148.770	1194.336
3) VIPL	5.057	40.739	a) Mumbai Schedule	22.942	187.122
4) RPL(AMT)	22.955	174.542	b) Mumbai Drawl	25.885	216.183
5) WPCL	4.860	40.395	c) MSEDCL Bilateral *	36.069	308.647
6) PGPL	0.000	0.000	Include PX	7.582	69.141
7) Other IPP	11.883	106.142	d) Mumbai Bilateral *	22.942	187.122
C) 1) TPCL Thermal	13.949	123.848	Include PX	6.138	52.047
2) TPCL Hydro	1.048	32.283	Include Standby	0.000	0.000
3) TPCL Gas	4.030	30.343	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.420	90.705	1) MSEDCL	394.538	3330.981
D) STATE			2) Mumbai Discoms	55.332	493.365
1) Thermal	262.927	2214.665	TOTAL STATE	449.870	3824.346
(A1+C1+C4+(B1-B6))					
2) Hydro	8.873	176.488			
(A2+C2)					
3) Gas	14.697	107.780			
(A3+B6+C3)					
4) Wind	9.357	89.887			
6) SOLAR	5.246	41.187			
TOTAL STATE	301.100	2630.007			

* 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	5490	5430	5184	5439
MSPGCL Hydro	436	402	188	190
MSPGCL Gas	425	410	447	460
MSPGCL Total Generation	6351	6242	5819	6089
Central Sector Receipt	7105	7427	5671	5778
WIND	159	184	943	323
CPP / IPP Thermal	4612	4621	4158	4292
CPP / IPP Gas	0	0	0	0
SOLAR	773	750	0	0
Exchange with Mumbai	-1078	-1030	-1308	-970
MSEDCL DEMAND MET	17922	18194	15283	15512
Load Shedding	0	0	0	0
MSEDCL DEMAND	17922	18194	15283	15512
TPCL GENERATION	824	857	755	718
R-INFRA GENERATION	498	496	376	374
MUMBAI DEMAND	2400	2383	2439	2062
STATE DEMAND MET	20322	20577	17722	17574
STATE DEMAND	20322	20577	17722	17574
Frequency (Hz)	49.99	50.01	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.00 Hrs	49.83 Hz at 00.05 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 08/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	8.91	73.01	427	344
Unit 9	9.84	73.72	483	350
Unit 10	9.86	73.81	452	350
Total	28.62	220.54		
Bhusawal				
Unit 3	4.25	36.08	200	150
Unit 4	10.86	91.00	495	350
Unit 5	11.06	92.26	500	350
Total	26.18	219.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	45.50	248	189
Unit 7	5.24	45.28	248	187
Unit 8	4.85	39.84	230	171
Total	15.37	130.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	1.46	1.46	250	0
Unit 6	0.00	0.00	0	0
Unit 7	10.46	84.79	451	371
Unit 8	0.00	70.66	0	0
Unit 9	6.57	78.58	482	0
Total	18.49	235.50		
Paras				
Unit 3	5.46	44.01	250	192
Unit 4	4.35	12.33	226	0
Total	9.81	56.34		
Khaparkheda				
Unit 1	3.92	20.97	175	145
Unit 2	4.34	35.69	190	160
Unit 3	0.00	22.17	0	0
Unit 4	4.77	38.58	206	163
Unit 5	11.33	91.99	500	360
Total	24.35	209.40		
Nasik				
Unit 3	4.29	35.45	198	161
Unit 4	0.00	0.32	0	0
Unit 5	4.27	35.47	198	162
Total	8.56	71.23		
Uran				
All Units	10.67	77.44	470	410
Total	10.67	77.44		
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)	0.09	1.50	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	1.50		
Koyna				
Stage 1-2	2.56	35.67	425	40
Stage 4	0.00	51.61	0	0
Stage 3	0.99	19.26	160	0
Total	3.56	106.54		
Hydro				
KDPH	0.86	6.91	36	36
VTRNA	1.43	9.19	60	59
TILLARI	0.60	3.11	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	1.60	40	0
RNGR+BHTSA	0.30	2.21	13	12
BHANDARDRA	0.49	3.84	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	6.45	21	20
GHATGHAR	0.00	4.35	0	0
Total	4.27	37.66		
Wind				
Total	9.36	89.89	0	0
Total	9.36	89.89		
CPP				
APML(Mus)	45.28	343.46	0	0
JSWEL(Mus)	17.15	151.87	0	0
VIPL(Mus)	5.06	40.74	0	0
RPLAMT(Mus)	22.96	174.54	0	0
WPCL(Mus)	4.86	40.40	0	0
Other(Mus)	11.88	106.14	0	0
Total	107.19	857.15		
SOLAR				
Total	5.25	41.19	0	0
Total	5.25	41.19		
Tata				
Trombay 5	8.94	82.98	485	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.51	18.63	114	84
Trombay 7B	1.52	11.71	67	56
Trombay 8	5.01	40.86	219	198
TATA Hydro	1.05	32.28	152	0
Total	19.03	186.47		
R-INFRA				
DTPS U-1&2	10.42	90.70	501	373
Total	10.42	90.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.37	1142.96	MSPGCL Total	149.86	1364.60
			MSPGCL Thml+Gas	142.04	1220.40	Koyna 1,2 & 4 Total	2.56	87.28
			MSPGCL Hydro	7.82	144.20	State Total	301.10	2630.01

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	5077	358	446	5881	565	4444	0	0	5522	5895	-1305	15480	0	15480	2528	18008	49.95
2	5308	320	468	6096	416	4370	0	0	5718	6270	-1207	15945	0	15945	2316	18261	49.96
3	5395	198	459	6052	345	4292	0	0	5922	5928	-1070	15547	0	15547	2166	17713	50.01
4	5439	190	460	6089	323	4292	0	0	5812	5778	-970	15512	0	15512	2062	17574	50.02
5	5475	195	461	6131	235	4373	0	0	5643	5854	-919	15674	0	15674	2008	17682	49.99
6	5792	195	470	6457	132	4674	0	0	5922	5789	-899	16153	0	16153	2038	18191	50.01
7	5845	195	453	6493	122	4847	0	17	6197	6257	-686	17050	0	17050	2007	19057	50.03
8	5913	189	462	6564	48	4803	0	132	6230	6040	-625	16962	0	16962	2009	18971	50.02
9	5629	304	455	6388	94	4598	0	369	6042	6110	-820	16739	0	16739	2105	18844	50.01
10	5562	366	450	6378	141	4607	0	562	6109	6108	-953	16843	0	16843	2231	19074	50.01
11	5492	414	443	6349	183	4612	0	703	6330	6351	-1078	17120	0	17120	2339	19459	50.00
12	5490	436	425	6351	159	4612	0	773	6975	7105	-1078	17922	0	17922	2400	20322	49.99
13	5435	530	419	6384	164	4588	0	773	7268	7184	-1034	18059	0	18059	2407	20466	49.98
14	5430	402	410	6242	184	4621	0	750	7260	7427	-1030	18194	0	18194	2383	20577	50.01
15	5450	529	421	6400	141	4589	0	562	7341	7393	-1038	18047	0	18047	2392	20439	49.95
16	5560	604	424	6588	228	4586	0	345	7437	7384	-1016	18115	0	18115	2367	20482	49.98
17	5736	339	427	6502	517	4603	0	190	7214	6763	-962	17613	0	17613	2334	19947	50.02
18	5605	248	431	6284	727	4319	0	67	6251	5880	-1119	16158	0	16158	2274	18432	50.03
19	5430	198	444	6072	1116	4214	0	3	5822	5203	-1221	15387	0	15387	2288	17675	49.99
20	5184	188	447	5819	943	4158	0	0	5697	5671	-1308	15283	0	15283	2439	17722	49.97
21	5055	188	451	5694	1041	4173	0	0	5715	5374	-1383	14899	0	14899	2517	17416	49.99
22	5066	348	442	5856	539	4156	0	0	5528	5603	-1326	14828	0	14828	2545	17373	49.97
23	5279	573	455	6307	510	4289	0	0	5641	5702	-1394	15414	0	15414	2588	18002	49.95
24	5724	318	444	6486	484	4360	0	0	6081	5701	-1444	15587	0	15587	2589	18176	49.95
MUs	131.37	7.83	10.67	149.86	9.36	107.19	0.00	5.25	149.68	148.77	-25.89	394.54	0.00	394.54	55.33	449.87	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 08/Apr/2018

Position as on 6.30 Hrs of 09/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
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	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Chandrapur Unit 5	500	31/03/2018	22.10	08/04/2018	17.25	Water Shortage	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Paras Unit 4	250	02/04/2018	21.41	08/04/2018	02.20	Furnace Pressure High	
MSPGCL	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	
MSPGCL	Khaparkheda Unit 3	210	06/04/2018	01.43		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	07/04/2018	20.39		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	08/04/2018	08.28	08/04/2018	15.09	electrical Protection operated.	
MSPGCL	Khaparkheda Unit 5	500	09/04/2018	03.45		Continued.	Boiler validity work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 09/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	08/04/2018	07.21	08/04/2018	19.09	PO	repairing of damaged opgw.
HVDC Pole-I	IntraState	09/04/2018	06.29		Continued.	T	reduce voltage bipole power restricted to 1300mw.
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 I	InterState	07/04/2018	08.37	08/04/2018	12.10	HT	Over Voltage
Dabhol Nagothane II	InterState	08/04/2018	07.51	08/04/2018	20.34	PO	cold line insulator washing.
Dhule Sar'Sarovar II	InterState	08/04/2018	17.48		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	07/04/2018	23.49	08/04/2018	07.07	HT	due to heavy sparking on line isoator at nanded end.
Bableshwar- Aurangabad (Waluj)	IntraState	08/04/2018	11.32	08/04/2018	15.34	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	08/04/2018	19.12	09/04/2018	06.23	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	08/04/2018	20.07		Continued.	T	Distance Protection
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 @Waluj	IntraState	08/04/2018	11.15	08/04/2018	11.23	PO	isolator maintenance work.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	08/04/2018	18.38		Continued.	PO	Oil Filtration work
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.
A'bad(PG)-Shendra Ckt II	InterState	07/04/2018	19.32	08/04/2018	01.53	T	Distance Protection
Mahalakshmi Amona	InterState	08/04/2018	09.05	08/04/2018	10.46	T	tripped from amona end.
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.
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)
Pedhambe - Oni	IntraState	08/04/2018	08.20	08/04/2018	16.55	PO	insulator cleaning
Kalwa - Mulund 1	IntraState	08/04/2018	08.38	08/04/2018	14.50	PO	Isolator maintenance work.
Pophali - Kdph	IntraState	08/04/2018	15.10	08/04/2018	15.25	T	Distance Protection
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	08/04/2018	16.53	08/04/2018	17.30	T	Distance Protection
Miraj-Ichalkaranji I	IntraState	08/04/2018	17.17		Continued.	HT	for load controlling on kolhapur ict.
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)
132 KV LINE Outages/Trippings							
Naldurg - Ujani	IntraState	07/04/2018	16.08	08/04/2018	09.20	HT	for system condition.
Nilanga - Omerga	IntraState	08/04/2018	19.37	08/04/2018	19.52	T	Distance Protection

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