

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.218	1011.591	1) Gujrat	-2.814	-15.350
2) Hydro	14.156	136.380	2) Madhya Pradesh	17.688	126.518
3) Gas	10.629	66.770	3) Chattisgarh	6.450	45.660
Total MSPGCL	163.003	1214.741	4) Maharashtra Net	127.906	892.566
B) 1) APML	49.745	298.178	5) Goa (Amona)	-0.528	-3.828
2) JSWEL	19.399	134.722	Total	148.702	1045.566
3) VIPL	5.060	35.682	a) Mumbai Schedule	25.175	164.180
4) RPL(AMT)	24.814	151.587	b) Mumbai Drawl	29.506	190.298
5) WPCL	5.302	35.535	c) MSEDCL Bilateral *	36.959	272.578
6) PGPL	0.000	0.000	Include PX	6.634	61.559
7) Other IPP	13.038	94.259	d) Mumbai Bilateral *	25.175	164.180
C) 1) TPCL Thermal	14.770	109.899	Include PX	8.388	45.909
2) TPCL Hydro	3.998	31.235	Include Standby	0.000	0.000
3) TPCL Gas	3.814	26.313	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.207	80.285	1) MSEDCL	415.967	2936.443
D) STATE			2) Mumbai Discoms	63.296	438.033
1) Thermal	281.553	1951.738	TOTAL STATE	479.263	3374.476
(A1+C1+C4+(B1-B6))					
2) Hydro	18.154	167.615			
(A2+C2)					
3) Gas	14.443	93.083			
(A3+B6+C3)					
4) Wind	11.148	80.530			
6) SOLAR	5.262	35.941			
TOTAL STATE	330.560	2328.907			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6033	6039	5161	4788
MSPGCL Hydro	982	1605	341	410
MSPGCL Gas	425	423	438	451
MSPGCL Total Generation	7440	8067	5940	5649
Central Sector Receipt	6992	6978	5883	5616
WIND	196	430	683	805
CPP / IPP Thermal	5023	5089	4469	4561
CPP / IPP Gas	0	0	0	0
SOLAR	679	440	0	0
Exchange with Mumbai	-1415	-1371	-1533	-1385
MSEDCL DEMAND MET	18915	19633	15442	15246
Load Shedding	0	0	0	0
MSEDCL DEMAND	18915	19633	15442	15246
TPCL GENERATION	1209	1198	879	866
R-INFRA GENERATION	498	501	375	373
MUMBAI DEMAND	3122	3070	2787	2624
STATE DEMAND MET	22037	22703	18229	17870
STATE DEMAND	22037	22703	18229	17870
Frequency (Hz)	49.99	49.93	49.97	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.74 Hz at 14.57 Hrs	49.96	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 07/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	9.22	64.10	408	349
Unit 9	9.24	63.88	418	350
Unit 10	9.22	63.94	401	350
Total	27.68	191.92		
Bhusawal				
Unit 3	4.38	31.83	200	150
Unit 4	10.75	80.13	490	345
Unit 5	10.97	81.20	500	350
Total	26.10	193.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.51	40.22	249	202
Unit 7	5.44	40.04	241	194
Unit 8	5.00	34.99	229	167
Total	15.95	115.25		
Chandrapur				
Unit 3	0.00	0.00	0	0
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	10.66	74.33	460	400
Unit 8	8.24	70.66	427	0
Unit 9	10.35	72.01	445	381
Total	29.25	217.01		
Paras				
Unit 3	5.29	38.56	240	191
Unit 4	0.00	7.98	0	0
Total	5.29	46.54		
Khaparkheda				
Unit 1	3.90	17.05	175	140
Unit 2	4.50	31.36	200	160
Unit 3	0.00	22.17	0	0
Unit 4	4.81	33.81	210	165
Unit 5	11.78	80.66	500	450
Total	24.99	185.04		
Nasik				
Unit 3	4.51	31.16	198	163
Unit 4	0.00	0.32	0	0
Unit 5	4.44	31.20	195	161
Total	8.96	62.68		
Uran				
All Units	10.63	66.77	470	422
Total	10.63	66.77		
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	1.41	13	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	1.41		
Koyna				
Stage 1-2	4.06	33.10	445	40
Stage 4	3.98	51.61	609	0
Stage 3	1.24	18.27	182	0
Total	9.28	102.99		
Hydro				
KDPH	0.86	6.05	36	36
VTRNA	0.83	7.76	60	0
TILLARI	0.72	2.51	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	1.51	77	0
RNGR+BHTSA	0.31	1.91	14	13
BHANDARDRA	0.48	3.35	33	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	5.96	24	23
GHATGHAR	0.93	4.35	250	0
Total	4.87	33.39		
Wind				
Total	11.15	80.53	0	0
Total	11.15	80.53		
CPP				
APML(Mus)	49.74	298.18	0	0
JSWEL(Mus)	19.40	134.72	0	0
VIPL(Mus)	5.06	35.68	0	0
RPLAMT(Mus)	24.81	151.59	0	0
WPCL(Mus)	5.30	35.54	0	0
Other(Mus)	13.04	94.26	0	0
Total	117.36	749.96		
SOLAR				
Total	5.26	35.94	0	0
Total	5.26	35.94		
Tata				
Trombay 5	9.76	74.04	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	16.12	113	66
Trombay 7B	1.47	10.19	66	51
Trombay 8	5.01	35.85	219	198
TATA Hydro	4.00	31.24	342	72
Total	22.58	167.45		
R-INFRA				
DTPS U-1&2	11.21	80.28	501	371
Total	11.21	80.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.22	1011.59	MSPGCL Total	163.00	1214.74
			MSPGCL Thml+Gas	148.85	1078.36	Koyna 1,2 & 4 Total	8.04	84.72
			MSPGCL Hydro	14.16	136.38	State Total	330.56	2328.91

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5927	216	454	6597	363	4986	0	0	5876	5782	-1223	16505	0	16505	2530	19035	49.88
2	5932	281	468	6681	343	4990	0	0	5773	5946	-1099	16861	0	16861	2329	19190	49.96
3	5913	195	449	6557	344	4972	0	0	5706	5986	-959	16900	0	16900	2167	19067	49.97
4	5906	190	459	6555	282	4876	0	0	5740	5780	-859	16634	0	16634	2064	18698	49.96
5	5908	219	459	6586	265	4905	0	0	5724	5992	-800	16948	0	16948	2019	18967	49.95
6	5937	289	460	6686	355	5039	0	0	5964	6059	-729	17410	0	17410	2079	19489	49.96
7	6044	851	470	7365	389	5106	0	12	6276	6602	-715	18759	0	18759	2110	20869	50.01
8	6042	479	452	6973	355	5085	0	127	6254	6421	-759	18202	0	18202	2197	20399	50.04
9	6049	525	454	7028	306	5067	0	335	6036	6198	-964	17970	0	17970	2422	20392	49.98
10	6036	616	437	7089	224	4998	0	533	6128	6148	-1193	17799	0	17799	2753	20552	49.95
11	6060	661	430	7151	201	4961	0	654	6406	6545	-1336	18176	0	18176	3016	21192	49.97
12	6033	982	425	7440	196	5023	0	679	6884	6992	-1415	18915	0	18915	3122	22037	49.99
13	6001	1242	422	7665	175	4997	0	783	7014	7070	-1406	19284	0	19284	3113	22397	49.94
14	6013	1234	425	7672	212	4946	0	730	7041	6971	-1402	19129	0	19129	3030	22159	49.94
15	5983	1383	422	7788	248	5017	0	617	7088	6896	-1405	19161	0	19161	3080	22241	49.87
16	6039	1605	423	8067	430	5089	0	440	7130	6978	-1371	19633	0	19633	3070	22703	49.93
17	5997	1100	425	7522	794	5103	0	270	7075	7072	-1367	19394	0	19394	3003	22397	49.98
18	5925	393	428	6746	1029	4891	0	80	6575	6033	-1464	17315	0	17315	2885	20200	50.00
19	5436	211	433	6080	1046	4558	0	2	5661	5015	-1578	15123	0	15123	2784	17907	50.05
20	5156	216	454	5826	579	4480	0	0	5311	5578	-1657	14807	0	14807	2814	17621	49.96
21	5161	341	438	5940	683	4469	0	0	5428	5883	-1533	15442	0	15442	2787	18229	49.97
22	4994	217	439	5650	875	4618	0	0	5424	5378	-1514	15007	0	15007	2667	17674	49.95
23	4788	410	451	5649	805	4561	0	0	5431	5616	-1385	15246	0	15246	2624	17870	49.90
24	4938	300	452	5690	649	4614	0	0	5574	5761	-1373	15341	0	15341	2630	17971	49.92
MUs	138.22	14.16	10.63	163.00	11.15	117.36	0.00	5.26	147.52	148.70	-29.51	415.97	0.00	415.97	63.29	479.26	49.96

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 07/Apr/2018

Position as on 6.30 Hrs of 08/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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 08/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							
Chandrapur - Padghe HvdC Pole 1	IntraState	07/04/2018	07.44	07/04/2018	18.50	PO	repairing of opgw wire.
HVDC Pole-I	IntraState	08/04/2018	07.21	08/04/2018	19.09	PO	repairing of damaged opgw.
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	06/04/2018	10.03	07/04/2018	08.28	PO	Work At SSNL End Now CKT RFC.
Dabhol Nagothane II	InterState	07/04/2018	08.03	07/04/2018	19.25	PO	insulator cold washing work.
Dhule Sar'Sarovar I	InterState	07/04/2018	08.37	08/04/2018	12.10	HT	Over Voltage
Koradi Bhilai	InterState	07/04/2018	17.53	07/04/2018	19.09	T	Distance Protection
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
Khadka-Aurangabad (Waluj)	IntraState	06/04/2018	20.06	07/04/2018	08.28	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.
Bableshtar - 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		Continued.	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)
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	07/04/2018	05.05	07/04/2018	06.15	PO	plastic paper removing work.
Kalwa - Colourchem	IntraState	07/04/2018	06.07	07/04/2018	16.40	PO	insulator replacement work.
Deepnagar Khadaka 2	IntraState	07/04/2018	07.23	07/04/2018	10.24	PO	Tan Delta Measurment of CTs
Pedhambe - Oni	IntraState	07/04/2018	08.10	07/04/2018	18.09	PO	insulator string cleaning work.
Cable Borivli Aarey 1	IntraState	07/04/2018	09.37	07/04/2018	17.32	PO	Annual Maintenance Work
Kalwa - Mulund 2	IntraState	07/04/2018	10.30	07/04/2018	18.26	PO	isolator maintenance work.
Butibori - Wardha	IntraState	07/04/2018	11.06	07/04/2018	14.12	T	Distance Protection
Phursungi-Parvati	IntraState	07/04/2018	11.17	07/04/2018	16.50	PO	Line Maintenance work
Nanded-Ghatodi	IntraState	07/04/2018	18.12	07/04/2018	21.46	T	Distance Protection

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 07/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 08/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khaparkheda-Kalmeshwar	IntraState	07/04/2018	18.47	07/04/2018	19.09	T	Distance Protection
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							
Chalisgaon - Manmad	IntraState	04/04/2018	14.35	07/04/2018	19.00	T	Distance Protection
Deepnagar(Gcr) -New Midc Jalgaon	IntraState	07/04/2018	05.58	07/04/2018	06.07	T	Distance Protection
Mankapur-Uppalwadi	IntraState	07/04/2018	15.18	07/04/2018	16.33	PO	outage at ambazari end.
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