

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Aug/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.153	425.431	1) Gujrat	-0.815	-0.396
2) Hydro	5.517	25.827	2) Madhya Pradesh	9.274	42.242
3) Gas	5.838	23.192	3) Chattisgarh	5.070	19.710
Total MSPGCL	130.508	474.450	4) Maharashtra Net	96.626	415.738
B) 1) APML	56.522	231.006	5) Goa (Amona)	-0.726	-3.432
2) JSWEL	19.291	76.935	Total	109.429	473.862
3) VIPL	5.051	20.213	a) Mumbai Schedule	23.017	101.255
4) RPL(AMT)	27.641	106.423	b) Mumbai Drawl	27.838	119.122
5) WPCL	4.259	18.763	c) MSEDCL Bilateral *	15.756	81.701
6) PGPL	0.000	0.000	Include PX	-0.908	2.374
7) Other IPP	3.584	14.571	d) Mumbai Bilateral *	23.017	101.255
C) 1) TPCL Thermal	13.641	56.175	Include PX	7.897	39.968
2) TPCL Hydro	4.749	20.258	Include Standby	0.000	0.000
3) TPCL Gas	2.490	9.566	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.743	39.563	1) MSEDCL	382.138	1514.878
D) STATE			2) Mumbai Discoms	58.462	244.685
1) Thermal	258.885	989.080	TOTAL STATE	440.600	1759.563
(A1+C1+C4+(B1-B6))					
2) Hydro	10.266	46.085			
(A2+C2)					
3) Gas	8.328	32.758			
(A3+B6+C3)					
4) Wind	49.651	200.484			
6) SOLAR	4.040	17.293			
TOTAL STATE	331.170	1285.700			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5066	5115	5191	4738
MSPGCL Hydro	268	316	180	102
MSPGCL Gas	238	238	239	239
MSPGCL Total Generation	5572	5669	5610	5079
Central Sector Receipt	5341	5176	4102	4123
WIND	2326	2429	2069	1664
CPP / IPP Thermal	4937	4930	4990	4686
CPP / IPP Gas	0	0	0	0
SOLAR	476	509	0	0
Exchange with Mumbai	-1647	-1617	-1077	-914
MSEDCL DEMAND MET	17005	17096	15694	14638
Load Shedding	17	9	11	0
MSEDCL DEMAND	17022	17105	15705	14638
TPCL GENERATION	954	968	1078	631
R-INFRA GENERATION	372	374	468	375
MUMBAI DEMAND	2973	2959	2623	1920
STATE DEMAND MET	19978	20055	18317	16558
STATE DEMAND	19995	20064	18328	16558
Frequency (Hz)	49.96	50.00	49.93	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.04 Hrs	49.63 Hz at 22.09 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 04/Aug/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	3.92	0	0
Unit 8	8.49	34.36	401	301
Unit 9	9.21	35.81	424	308
Unit 10	0.00	0.00	0	0
Total	17.70	74.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.00	40.19	485	350
Unit 5	10.96	40.16	485	360
Total	21.96	80.35		
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	4.59	20.03	220	144
Unit 8	5.46	21.23	234	224
Total	10.05	41.26		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.70	2.70	170	0
Unit 5	9.89	38.99	425	395
Unit 6	10.69	22.31	465	420
Unit 7	10.02	40.67	442	332
Unit 8	10.71	14.22	468	425
Unit 9	0.00	0.00	0	0
Total	44.01	118.88		
Paras				
Unit 3	5.28	21.09	240	202
Unit 4	5.04	19.92	221	201
Total	10.33	41.01		
Khaparkheda				
Unit 1	3.26	12.56	150	105
Unit 2	3.74	13.94	175	135
Unit 3	0.00	11.40	0	0
Unit 4	4.07	15.62	180	160
Unit 5	0.00	0.00	0	0
Total	11.08	53.53		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.03	16.30	183	158
Unit 5	0.00	0.00	0	0
Total	4.03	16.30		
Uran				
All Units	5.84	23.19	253	238
Total	5.84	23.19		
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)	0.16	0.52	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.52		
Koyna				
Stage 1-2	1.76	7.90	330	40
Stage 4	0.96	4.66	496	0
Stage 3	1.06	4.39	138	0
Total	3.77	16.95		
Hydro				
KDPH	0.00	0.32	0	0
VTRNA	0.00	0.23	0	0
TILLARI	0.60	2.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	1.72	40	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	1.33	14	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	2.53	24	13
GHATGHAR	0.00	0.00	0	0
Total	1.75	8.88		
Wind				
Total	49.65	200.48	0	0
Total	49.65	200.48		
CPP				
APML(Mus)	56.52	231.01	0	0
JSWEL(Mus)	19.29	76.94	0	0
VIPL(Mus)	5.05	20.21	0	0
RPLAMT(Mus)	27.64	106.42	0	0
WPCL(Mus)	4.26	18.76	0	0
Other(Mus)	3.58	14.57	0	0
Total	116.35	467.91		
SOLAR				
Total	4.04	17.29	0	0
Total	4.04	17.29		
Tata				
Trombay 5	8.39	34.97	478	292
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.62	6.26	117	32
Trombay 7B	0.87	3.30	67	17
Trombay 8	5.25	21.20	234	199
TATA Hydro	4.75	20.26	459	3
Total	20.88	86.00		
R-INFRA				
DTPS U-1&2	9.74	39.56	502	372
Total	9.74	39.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.15	425.43	MSPGCL Total	130.51	474.45
			MSPGCL Thml+Gas	124.99	448.62	Koyna 1,2 & 4 Total	2.71	12.56
			MSPGCL Hydro	5.52	25.83	State Total	331.17	1285.70

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Aug/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	4824	67	240	5131	1842	4691	0	0	3978	4041	-1114	14591	0	14591	2195	16786	49.92
2	4807	207	238	5252	1652	4693	0	0	3751	3990	-963	14624	0	14624	2025	16649	49.94
3	4738	102	239	5079	1664	4686	0	0	4064	4123	-914	14638	0	14638	1920	16558	49.95
4	4745	67	249	5061	1546	4694	0	0	4027	4335	-877	14759	0	14759	1855	16614	49.97
5	4842	72	239	5153	1696	4881	0	0	4114	4042	-829	14943	0	14943	1853	16796	49.97
6	4858	202	248	5308	1792	5013	0	0	4264	4478	-676	15915	0	15915	1957	17872	49.92
7	4927	792	239	5958	1822	5003	0	21	4960	5112	-714	17202	0	17202	2033	19235	49.93
8	4994	661	239	5894	1941	4998	0	121	5024	5127	-802	17279	0	17279	2172	19451	49.98
9	5003	337	248	5588	2218	4965	0	209	4869	5212	-984	17208	0	17208	2421	19629	49.99
10	5088	258	239	5585	2363	4965	0	378	5017	4926	-1221	16996	0	16996	2726	19722	50.00
11	5079	263	248	5590	2447	5012	0	439	5067	4768	-1586	16670	74	16744	2925	19669	49.99
12	5066	268	238	5572	2326	4937	0	476	5117	5341	-1647	17005	17	17022	2973	19995	49.96
13	5115	316	238	5669	2429	4930	0	509	5115	5176	-1617	17096	9	17105	2959	20064	50.00
14	5152	235	238	5625	2469	4894	0	516	4981	4933	-1637	16800	22	16822	2802	19624	50.00
15	5060	157	248	5465	2588	4750	0	496	4953	4809	-1543	16565	19	16584	2750	19334	49.96
16	4847	133	253	5233	2631	4619	0	420	4945	5056	-1509	16450	11	16461	2720	19181	49.96
17	4837	133	240	5210	2482	4598	0	298	4961	4993	-1472	16109	7	16116	2685	18801	49.99
18	4898	128	241	5267	2232	4610	0	139	4916	4860	-1427	15681	16	15697	2647	18344	49.98
19	4926	88	250	5264	2138	4743	0	18	4454	4682	-1354	15491	18	15509	2621	18130	49.97
20	5191	180	239	5610	2069	4990	0	0	4255	4102	-1077	15694	11	15705	2623	18328	49.93
21	5192	198	239	5629	1787	4995	0	0	4104	3974	-1076	15309	7	15316	2605	17921	49.96
22	5043	188	249	5480	1788	4927	0	0	3949	3849	-947	15097	0	15097	2431	17528	49.91
23	4946	208	249	5403	1770	4856	0	0	3798	3936	-961	15004	0	15004	2372	17376	49.88
24	4975	257	250	5482	1959	4894	0	0	3702	3563	-891	15007	0	15007	2191	17198	49.96
MUs	119.15	5.52	5.84	130.51	49.65	116.35	0.00	4.04	108.39	109.43	-27.84	382.14	0.21	382.35	58.46	440.81	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 04/Aug/2018

Position as on 6.30 Hrs of 05/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	04/08/2018	01.28	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	Bucchholz relay operated.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Nasik Unit 3	210	27/07/2018	09.06		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	04/08/2018	13.25	04/08/2018	22.23	Installing one orifice in left side combustion chamber fuel supply line	
TPC-G	Trombay 7A	120	04/08/2018	13.36	04/08/2018	20.06	Installing one orifice in left side combustion chamber fuel supply line	
MSPGCL	Khaparkheda Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 05/Aug/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 I	InterState	03/08/2018	17.33	04/08/2018	14.20	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	01/08/2018	17.56	04/08/2018	20.30	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/08/2018	17.18		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	04/08/2018	18.52	04/08/2018	23.04	EO	To attend Hot Spot
Padghe - Kalwa- I	IntraState	05/08/2018	08.13	05/08/2018	19.04	PO	Replacement Fault Insulators Found In pid.
Khadka-Aurangabad (Waluj)	IntraState	05/08/2018	18.51		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	04/08/2018	10.40	04/08/2018	18.38	PO	Testing 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.
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 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Akola-Paras Ckt No-li	IntraState	05/07/2018	09.56		Continued.	PO	FOR REMOVING OF JUMPER AT LOC 314 FOR BUNCHING OF CONDUCTOR AT LOC 86.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Dahanu Versova	IntraState	03/08/2018	21.43	04/08/2018	10.28	T	Distance Protection
Infosys - Hinjawadi 1	IntraState	04/08/2018	10.07	04/08/2018	15.49	PO	Half yearly maintenance work
Walchandnagar-Bhigwan	IntraState	04/08/2018	10.24	04/08/2018	10.40	T	Tripped on Over Load
Bableshwar- Bableshwar-II	IntraState	04/08/2018	10.40	04/08/2018	22.32	PO	CT REPLACEMENT WORK, AT 220KV BABLESHWAR END.
Magar Patta City- Serum	IntraState	04/08/2018	10.44	04/08/2018	17.04	PO	bus section -3 outage
Walchandnagar-Bhigwan	IntraState	04/08/2018	10.57	04/08/2018	14.45	T	Tripped on Over Load
Nashik-Airoli Knowledge Park	IntraState	04/08/2018	11.07	04/08/2018	16.55	PO	LA REPLACEMENT WORK.
Boisar-Viraj	IntraState	04/08/2018	11.11	04/08/2018	18.35	PO	Distance Realy Replacement work
Main Bus Section-I@ Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.02	T	Tripped alongwith pophali Ckt.I on O/C
New Koyana - Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.06	T	Tripped alongwith pophali Ckt.I on O/C
Pophli Pedhmbe Line- 1	IntraState	05/08/2018	05.17		Continued.	T	Distance Protection
Mahad - Pedambe	IntraState	05/08/2018	05.17	05/08/2018	06.05	T	Tripped alongwith pophali Ckt.I on O/C
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/08/2018	19.45	05/08/2018	19.54	PO	Disconnection Of Lis Scheme Lift Irrigation Scheme Takari.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.

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 04/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 05/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 Kv 50 Mva Cgl Ptr 3 @Nalasopara	IntraState	04/08/2018	10.13	04/08/2018	11.00	T	Tripped on overload