

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.740	900.741	1) Gujrat	-1.765	-3.338
2) Hydro	6.530	49.468	2) Madhya Pradesh	9.404	78.103
3) Gas	5.820	46.501	3) Chattisgarh	6.140	40.580
Total MSPGCL	131.090	996.710	4) Maharashtra Net	113.384	830.264
B) 1) APML	53.175	444.206	5) Goa (Amona)	-0.550	-6.028
2) JSWEL	18.961	152.374	Total	126.613	939.581
3) VIPL	5.112	44.042	a) Mumbai Schedule	23.391	192.274
4) RPL(AMT)	28.619	214.939	b) Mumbai Drawl	28.240	227.532
5) WPCL	3.634	35.817	c) MSEDCL Bilateral *	18.059	153.187
6) PGPL	0.000	0.000	Include PX	1.379	1.935
7) Other IPP	3.331	28.907	d) Mumbai Bilateral *	23.391	192.274
C) 1) TPCL Thermal	14.618	111.165	Include PX	8.298	66.923
2) TPCL Hydro	5.188	36.465	Include Standby	0.000	0.000
3) TPCL Gas	4.032	25.386	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.102	77.408	1) MSEDCL	391.642	3066.574
D) STATE			2) Mumbai Discoms	61.180	477.957
1) Thermal	255.292	2009.599	TOTAL STATE	452.822	3544.531
(A1+C1+C4+(B1-B6))					
2) Hydro	11.718	85.933			
(A2+C2)					
3) Gas	9.852	71.887			
(A3+B6+C3)					
4) Wind	46.411	405.040			
6) SOLAR	2.936	32.490			
TOTAL STATE	326.209	2604.949			

* 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 4 Hrs
MSPGCL Thermal	5147	5224	4929	4688
MSPGCL Hydro	227	215	205	114
MSPGCL Gas	246	247	238	240
MSPGCL Total Generation	5620	5686	5372	5042
Central Sector Receipt	5986	5815	5400	4380
WIND	2008	2187	1982	1880
CPP / IPP Thermal	4825	4795	4782	4471
CPP / IPP Gas	0	0	0	0
SOLAR	373	431	10	0
Exchange with Mumbai	-1406	-1465	-1376	-802
MSEDCL DEMAND MET	17406	17449	16170	14971
Load Shedding	0	0	0	0
MSEDCL DEMAND	17406	17449	16170	14971
TPCL GENERATION	1272	1187	1057	631
R-INFRA GENERATION	500	467	373	374
MUMBAI DEMAND	3178	3119	2806	1807
STATE DEMAND MET	20584	20568	18976	16778
STATE DEMAND	20584	20568	18976	16778
Frequency (Hz)	49.97	49.99	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.05 Hz at 23.49 Hrs	49.79 Hz at 19.26 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 08/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	9.84	71.24	451	349
Unit 9	9.88	73.30	455	350
Unit 10	0.00	0.00	0	0
Total	19.72	148.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.08	75.90	460	0
Unit 5	9.62	73.98	460	355
Total	17.69	149.88		
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	5.68	40.94	250	191
Unit 8	5.56	43.14	242	220
Total	11.24	84.08		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.01	18.67	176	157
Unit 5	9.81	77.89	420	394
Unit 6	10.65	64.46	460	420
Unit 7	9.52	81.22	425	300
Unit 8	10.61	56.30	480	402
Unit 9	3.11	3.11	375	57
Total	47.71	301.65		
Paras				
Unit 3	4.32	40.42	203	165
Unit 4	4.80	39.99	215	177
Total	9.11	80.41		
Khaparkheda				
Unit 1	2.78	24.58	130	90
Unit 2	3.08	28.58	165	95
Unit 3	0.00	11.40	0	0
Unit 4	3.36	30.57	170	120
Unit 5	0.00	8.75	0	0
Total	9.22	103.88		
Nasik				
Unit 3	4.05	5.47	185	153
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	4.05	32.38		
Uran				
All Units	5.82	46.50	250	237
Total	5.82	46.50		
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	0.52	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.52		
Koyna				
Stage 1-2	1.84	15.24	360	35
Stage 4	1.24	7.04	483	0
Stage 3	0.71	7.84	160	0
Total	3.79	30.12		
Hydro				
KDPH	0.86	2.98	36	36
VTRNA	0.00	0.56	0	0
TILLARI	0.72	5.40	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	3.24	40	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	2.68	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	4.16	26	14
GHATGHAR	0.00	0.00	0	0
Total	2.74	19.34		
Wind				
Total	46.41	405.04	0	0
Total	46.41	405.04		
CPP				
APML(Mus)	53.18	444.21	0	0
JSWEL(Mus)	18.96	152.37	0	0
VIPL(Mus)	5.11	44.04	0	0
RPLAMT(Mus)	28.62	214.94	0	0
WPCL(Mus)	3.63	35.82	0	0
Other(Mus)	3.33	28.91	0	0
Total	112.83	920.28		
SOLAR				
Total	2.94	32.49	0	0
Total	2.94	32.49		
Tata				
Trombay 5	9.24	68.95	473	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	16.05	120	64
Trombay 7B	1.53	9.34	69	51
Trombay 8	5.38	42.22	243	215
TATA Hydro	5.19	36.46	414	4
Total	23.84	173.02		
R-INFRA				
DTPS U-1&2	9.10	77.41	503	195
Total	9.10	77.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.74	900.74	MSPGCL Total	131.09	996.71
			MSPGCL Thml+Gas	124.56	947.24	Koyna 1,2 & 4 Total	3.08	22.28
			MSPGCL Hydro	6.53	49.47	State Total	326.21	2604.95

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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	4692	109	238	5039	2275	4636	0	0	4412	4101	-1068	14983	0	14983	2139	17122	49.92
2	4652	104	239	4995	2211	4502	0	0	4167	4391	-935	15164	0	15164	1978	17142	49.97
3	4691	104	248	5043	2188	4472	0	0	4071	4324	-851	15176	0	15176	1872	17048	49.99
4	4688	114	240	5042	1880	4471	0	0	4082	4380	-802	14971	0	14971	1807	16778	50.00
5	4846	124	248	5218	1735	4478	0	0	4330	4583	-803	15211	0	15211	1810	17021	49.98
6	4890	202	249	5341	1567	4770	0	0	4876	5472	-704	16446	0	16446	1933	18379	49.95
7	4949	622	237	5808	1516	4845	0	11	5809	6010	-726	17464	0	17464	2099	19563	49.88
8	4944	768	239	5951	1706	4852	0	93	6122	6552	-862	18292	0	18292	2298	20590	50.01
9	4939	598	249	5786	1822	4825	0	195	5999	6231	-1043	17816	0	17816	2616	20432	50.01
10	4961	582	238	5781	2049	4833	0	297	5678	5895	-1198	17657	0	17657	2925	20582	50.01
11	4956	482	237	5675	2050	4828	0	392	5680	5787	-1358	17374	0	17374	3122	20496	49.98
12	5147	227	246	5620	2008	4825	0	373	5966	5986	-1406	17406	0	17406	3178	20584	49.97
13	5224	215	247	5686	2187	4795	0	431	6065	5815	-1465	17449	0	17449	3119	20568	49.99
14	5214	225	237	5676	2079	4671	0	368	5927	5754	-1661	16887	0	16887	2967	19854	50.01
15	5044	353	237	5634	2027	4553	0	325	5720	5983	-1734	16788	0	16788	2975	19763	49.97
16	4756	330	245	5331	2125	4725	0	223	5708	5631	-1475	16560	0	16560	2965	19525	49.95
17	4786	205	237	5228	2165	4651	0	160	5731	5580	-1331	16453	0	16453	2963	19416	49.99
18	4823	205	247	5275	1938	4678	0	58	5519	5403	-1402	15950	0	15950	2873	18823	49.95
19	4929	205	238	5372	1982	4782	0	10	5145	5400	-1376	16170	0	16170	2806	18976	49.96
20	5106	295	248	5649	1966	4832	0	0	4922	4995	-1298	16144	0	16144	2770	18914	49.85
21	5274	125	239	5638	1832	4843	0	0	4754	4562	-1184	15691	0	15691	2698	18389	49.99
22	5161	105	239	5505	1821	4695	0	0	4542	4549	-1254	15316	0	15316	2549	17865	49.96
23	5086	120	248	5454	1669	4630	0	0	4395	4636	-1161	15228	0	15228	2418	17646	49.89
24	4982	111	250	5343	1613	4641	0	0	4374	4593	-1143	15047	0	15047	2300	17347	49.95
MUs	118.74	6.53	5.82	131.09	46.41	112.83	0.00	2.94	123.99	126.61	-28.24	391.64	0.00	391.64	61.18	452.82	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 08/Aug/2018

Position as on 6.30 Hrs of 09/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	Chandrapur Unit 9	500	01/07/2018	11.35	08/08/2018	11.07	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 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	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	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 3	210	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	
MSPGCL	Koyna STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
MSPGCL	Khaparkheda Unit 5	500	07/08/2018	09.33		Continued.	Due To Speed Sensor Supply Failed.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	ID Fan Problem	
RINFRA-G	REL Unit 1	250	08/08/2018	13.19	08/08/2018	15.05	Compressor Air Problem	
MSPGCL	Bhusawal Unit 4	500	08/08/2018	14.51	08/08/2018	17.19	Flame Failure	
CPP	SWPGL U-3	135	08/08/2018	15.25		Continued.	ID Fan Problem	
RINFRA-G	REL Unit 1	250	08/08/2018	19.30	08/08/2018	21.56	Condensor Vacuum problem.	

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

Statement-VII

Position as on 6.30 Hrs of 09/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 II	InterState	06/08/2018	08.50		Continued.	PO	Line Maintenance work
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	07/08/2018	20.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2018	22.01	08/08/2018	07.25	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	08/08/2018	08.28	08/08/2018	11.28	PO	FOR LINE SIGNATURE ANALYSIS.
Koradi-India Bulls	IntraState	08/08/2018	09.53	08/08/2018	17.45	PO	DCRM,CB TIMINS & TAN DELTA OF BUSHING.
Girwali-Solapur (Lamboti)	IntraState	08/08/2018	10.16	08/08/2018	19.09	PO	hardware tightening & fitting work on line.
Ektuni - Taptitanda Ckt I	IntraState	08/08/2018	10.40	08/08/2018	17.37	PO	relay testing work.
Nagothane - Dabhol I	IntraState	08/08/2018	12.05	08/08/2018	16.20	PO	B phase B bus isolator towards CB.
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	08/08/2018	13.25		Continued.	PO	taken out till 10.08.2018 due to diff relay unhealthy.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Pophli Pedhmbe Line- 1	IntraState	05/08/2018	05.17		Continued.	T	Distance Protection
Taloja li - OCIL-II	IntraState	06/08/2018	11.28	08/08/2018	21.25	PO	Replacement Of Y & B PH CT.
Beed-Manjarsumba	IntraState	08/08/2018	10.05	08/08/2018	12.35	PO	Quarterly Maintainance Work
Centuri Enka- Bhosari	IntraState	08/08/2018	11.07	08/08/2018	13.26	EO	Attending Hot Spot
Chaligaon - Deepnagar	IntraState	08/08/2018	11.53	08/08/2018	17.27	EO	Attending Hot Spot
New Koyna - Loteparshuram	IntraState	08/08/2018	12.05	08/08/2018	16.51	EO	Attending Hot Spot
Pusad - Hingoli	IntraState	08/08/2018	12.09	08/08/2018	16.55	PO	Tan Delta Measurment & relay testing.
Kandalgaon - ONGC Panvel	IntraState	08/08/2018	12.17	08/08/2018	16.10	PO	replacement of jumper and poilet disc insulator at lilo loc no.1.sparking has been observed.
Kalmeshwar-Pandhurna	IntraState	08/08/2018	12.23	08/08/2018	19.36	PO	Routine Maintenance Work
Amalner - Bambhori	IntraState	08/08/2018	16.17	08/08/2018	18.17	PO	LA replacement work Y & B PH.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/132 Kv 100 Mva Cgl Ict 2 @Amalner	IntraState	08/08/2018	11.23	08/08/2018	16.09	PO	LA replacement work Y & B PH.
132 KV LINE Outages/Trippings							

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 08/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed - Raimoha	IntraState	08/08/2018	03.22	08/08/2018	11.13	T	Distance Protection