

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.743	94.743	1) Gujrat	1.208	1.208
2) Hydro	6.094	6.094	2) Madhya Pradesh	10.950	10.950
3) Gas	5.771	5.771	3) Chattisgarh	4.640	4.640
Total MSPGCL	106.608	106.608	4) Maharashtra Net	111.533	111.533
B) 1) APML	58.775	58.775	5) Goa (Amona)	-0.836	-0.836
2) JSWEL	19.237	19.237	Total	127.495	127.495
3) VIPL	5.059	5.059	a) Mumbai Schedule	26.988	26.988
4) RPL(AMT)	23.059	23.059	b) Mumbai Drawl	33.151	33.151
5) WPCL	5.007	5.007	c) MSEDCL Bilateral *	27.895	27.895
6) PGPL	0.000	0.000	Include PX	3.487	3.487
7) Other IPP	3.937	3.937	d) Mumbai Bilateral *	26.988	26.988
C) 1) TPCL Thermal	13.727	13.727	Include PX	11.620	11.620
2) TPCL Hydro	5.663	5.663	Include Standby	0.000	0.000
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.616	9.616	1) MSEDCL	373.533	373.533
D) STATE			2) Mumbai Discoms	62.157	62.157
1) Thermal	233.160	233.160	TOTAL STATE	435.690	435.690
(A1+C1+C4+(B1-B6))					
2) Hydro	11.757	11.757			
(A2+C2)					
3) Gas	5.771	5.771			
(A3+B6+C3)					
4) Wind	53.032	53.032			
6) SOLAR	4.475	4.475			
TOTAL STATE	308.195	308.195			

* 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 4 Hrs
MSPGCL Thermal	3845	3846	4067	3770
MSPGCL Hydro	198	198	817	169
MSPGCL Gas	237	237	248	239
MSPGCL Total Generation	4280	4281	5132	4178
Central Sector Receipt	6121	5832	4864	4468
WIND	2638	2755	1852	2107
CPP / IPP Thermal	4747	4588	5276	4430
CPP / IPP Gas	0	0	0	0
SOLAR	570	625	0	0
Exchange with Mumbai	-1957	-1895	-1413	-939
MSEDCL DEMAND MET	16399	16186	15711	14244
Load Shedding	0	0	0	0
MSEDCL DEMAND	16399	16186	15711	14244
TPCL GENERATION	850	853	981	532
R-INFRA GENERATION	376	375	456	375
MUMBAI DEMAND	3183	3123	2850	1846
STATE DEMAND MET	19582	19309	18561	16090
STATE DEMAND	19582	19309	18561	16090
Frequency (Hz)	50.00	50.00	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.00 Hrs	49.86 Hz at 20.27 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 01/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.74	0.74	95	0
Unit 8	8.08	8.08	451	299
Unit 9	8.19	8.19	428	300
Unit 10	0.00	0.00	0	0
Total	17.02	17.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.56	9.56	470	330
Unit 5	9.54	9.54	480	345
Total	19.10	19.10		
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	4.91	4.91	245	191
Unit 8	5.55	5.55	244	201
Total	10.46	10.46		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.92	9.92	440	370
Unit 6	0.00	0.00	0	0
Unit 7	10.41	10.41	451	391
Unit 8	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Total	20.33	20.33		
Paras				
Unit 3	4.84	4.84	237	177
Unit 4	4.86	4.86	221	177
Total	9.71	9.71		
Khaparkheda				
Unit 1	2.92	2.92	145	85
Unit 2	3.56	3.56	160	120
Unit 3	3.81	3.81	174	144
Unit 4	3.76	3.76	170	150
Unit 5	0.00	0.00	0	0
Total	14.05	14.05		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.08	4.08	195	161
Unit 5	0.00	0.00	0	0
Total	4.08	4.08		
Uran				
All Units	5.77	5.77	251	228
Total	5.77	5.77		
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)	0.08	0.08	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.08		
Koyna				
Stage 1-2	1.61	1.61	325	40
Stage 4	0.47	0.47	179	0
Stage 3	0.75	0.75	160	0
Total	2.84	2.84		
Hydro				
KDPH	0.32	0.32	36	0
VTRNA	0.23	0.23	59	0
TILLARI	0.40	0.40	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	0.44	80	0
RNGR+BHTSA	0.18	0.18	21	0
BHANDARDRA	0.33	0.33	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.34	1.34	64	53
GHATGHAR	0.00	0.00	0	0
Total	3.26	3.26		
Wind				
Total	53.03	53.03	0	0
Total	53.03	53.03		
CPP				
APML(Mus)	58.78	58.78	0	0
JSWEL(Mus)	19.24	19.24	0	0
VIPL(Mus)	5.06	5.06	0	0
RPLAMT(Mus)	23.06	23.06	0	0
WPCL(Mus)	5.01	5.01	0	0
Other(Mus)	3.94	3.94	0	0
Total	115.07	115.07		
SOLAR				
Total	4.48	4.48	0	0
Total	4.48	4.48		
Tata				
Trombay 5	8.44	8.44	475	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.28	5.28	240	215
TATA Hydro	5.66	5.66	420	0
Total	19.39	19.39		
R-INFRA				
DTPS U-1&2	9.62	9.62	501	373
Total	9.62	9.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.74	94.74	MSPGCL Total	106.61	106.61
			MSPGCL Thml+Gas	100.51	100.51	Koyna 1,2 & 4 Total	2.08	2.08
			MSPGCL Hydro	6.09	6.09	State Total	308.20	308.20

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	3710	220	239	4169	2243	4388	0	0	4759	4796	-1172	14424	0	14424	2206	16630	49.98
2	3742	219	249	4210	2212	4401	0	0	4526	4434	-1055	14202	0	14202	2027	16229	49.98
3	3747	224	239	4210	2228	4404	0	0	4503	4501	-1011	14332	0	14332	1918	16250	50.02
4	3770	169	239	4178	2107	4430	0	0	4393	4468	-939	14244	0	14244	1846	16090	50.02
5	3816	164	248	4228	2174	4509	0	0	4669	4766	-933	14744	0	14744	1841	16585	49.98
6	4003	164	238	4405	2168	4753	0	0	5037	5351	-971	15706	0	15706	1947	17653	49.96
7	3983	597	238	4818	2049	4895	0	23	5826	5861	-807	16839	0	16839	2135	18974	49.98
8	4077	331	249	4657	2184	5101	0	138	6006	5983	-891	17172	0	17172	2327	19499	50.05
9	4123	169	228	4520	2371	4935	0	283	6104	5948	-1384	16673	0	16673	2619	19292	50.01
10	4196	118	238	4552	2386	4791	0	419	5786	5808	-1709	16247	0	16247	2928	19175	49.95
11	4115	193	237	4545	2597	4796	0	477	5966	5787	-1906	16296	0	16296	3131	19427	49.98
12	3845	198	237	4280	2638	4747	0	570	6055	6121	-1957	16399	0	16399	3183	19582	50.00
13	3846	198	237	4281	2755	4588	0	625	5730	5832	-1895	16186	0	16186	3123	19309	50.00
14	3921	183	246	4350	2565	4670	0	573	5482	5535	-1779	15914	0	15914	3013	18927	50.02
15	3898	113	237	4248	2463	4690	0	483	5553	5806	-1811	15879	0	15879	3042	18921	49.99
16	3871	107	238	4216	2567	4754	0	432	5516	5878	-1808	16039	0	16039	3039	19078	50.00
17	3911	222	247	4380	2532	4779	0	281	5367	5647	-1783	15836	0	15836	3012	18848	50.01
18	3967	182	239	4388	2100	4800	0	141	5581	5425	-1708	15146	0	15146	2937	18083	50.01
19	4040	232	233	4505	2027	5013	0	30	5338	5423	-1622	15376	0	15376	2856	18232	49.99
20	4067	817	248	5132	1852	5276	0	0	4983	4864	-1413	15711	0	15711	2850	18561	49.95
21	4080	477	238	4795	1704	5292	0	0	4911	5014	-1124	15681	0	15681	2760	18441	49.96
22	4068	322	239	4629	1669	5296	0	0	4773	4719	-1042	15271	0	15271	2598	17869	49.95
23	4046	262	251	4559	1712	4968	0	0	4727	4739	-1187	14791	0	14791	2462	17253	49.95
24	3901	213	239	4353	1729	4794	0	0	4814	4789	-1244	14421	0	14421	2357	16778	49.95
MUs	94.74	6.09	5.77	106.61	53.03	115.07	0.00	4.47	126.40	127.50	-33.15	373.53	0.00	373.53	62.16	435.69	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 01/Aug/2018

Position as on 6.30 Hrs of 02/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	Parli Unit 6	250	24/06/2018	18.02		Continued.	Zero Schedule(Converted for Capital overhaul from 18.00Hrs Dt. 24/07/2018)	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		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		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00	01/08/2018	05.29	Coal Shortage	
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	Koradi Unit 7	210	11/06/2018	22.10	01/08/2018	14.36	Coal Shortage	
IPP	RPL(AMT) U-4	270	22/06/2018	17.31	01/08/2018	03.20	Bottom Ash Problem.	
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	
TPC-G	Trombay 7B	60	22/07/2018	01.00		Continued.	Gas Path Inspection.	
TPC-G	Trombay 7A	120	22/07/2018	01.08	02/08/2018	04.27	Gas Path Inspection.	
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	
IPP	Adani U-1	660	29/07/2018	00.47		Continued.	Due To APH-A Hot PA Expansion Bellow Leakage.	
MSPGCL	Chandrapur Unit-8	500	31/07/2018	02.01		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	31/07/2018	11.42		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 02/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	07/07/2018	17.14		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	01/08/2018	21.25		Continued.	T	Distance Protection
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	31/07/2018	18.44	01/08/2018	07.23	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	31/07/2018	20.20	01/08/2018	11.51	HT	Over Voltage
Bableshtar- Aurangabad (Waluj)	IntraState	01/08/2018	06.53	01/08/2018	21.13	T	Distance Protection
Koradi-Bhusawal	IntraState	01/08/2018	09.43	01/08/2018	23.04	PO	Tan Delta, Winding Resistance, ETC Of 400 Kv Bhusawal Reactor At Koradi s/s.
Bus Coupler @ Padgha	IntraState	01/08/2018	10.47	02/08/2018	04.30	EO	Attending Hot Spot
Nagothane - Dabhol-II	IntraState	01/08/2018	11.47	01/08/2018	19.36	PO	Hill Cutting Work.
Karad - Jaigad - II	IntraState	01/08/2018	17.56		Continued.	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	01/08/2018	19.54	02/08/2018	04.08	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	01/08/2018	21.28	01/08/2018	23.39	HT	Due To Heavy Sparking On Isolator Of Kharghar Line.
400 KV ICT Outages/Trippings							
500 MVA ICT I @ Kudus	IntraState	01/08/2018	15.55	01/08/2018	17.30	EO	B-Phase Fire Detector Trip Problem.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	01/08/2018	23.17		Continued.	T	LV Bhushing Sprking Y PH
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.
Arey - TPC Borivali	IntraState	31/07/2018	09.56	01/08/2018	01.08	PO	re-stringing of RYB PH line conductors between monopole no.5&tower no VAB 71.
220KV Chalisagaon-Kopergaon	IntraState	01/08/2018	06.35	01/08/2018	21.06	T	Distance Protection
ACCIL - Apta	IntraState	01/08/2018	11.35	01/08/2018	17.44	PO	Replacement Of Flashover Insulator String At LOC No.543.
Halkarni-Mahalaxmiline	IntraState	01/08/2018	13.19	01/08/2018	14.32	EO	Abnormal Noise In CT.
Chinchwad-Hinjewadi I	IntraState	01/08/2018	21.32		Continued.	HT	Control Overloading Of 220KV Urse chinchwad.
Urse - Talegaon (Ambi) Ckt 2	IntraState	01/08/2018	21.37	02/08/2018	06.33	T	Distance Protection
Lonikand-VSNL	IntraState	01/08/2018	21.55	02/08/2018	05.42	T	Distance Protection
220 KV ICT 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 01/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 02/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	01/08/2018	15.35	01/08/2018	17.22	EO	Attending DC Leakage HV Breaker.