

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Aug/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.978	1872.864	1) Gujrat	-7.256	-32.804
2) Hydro	7.423	111.940	2) Madhya Pradesh	2.242	136.009
3) Gas	2.950	93.769	3) Chattisgarh	3.750	80.720
Total MSPGCL	97.351	2078.573	4) Maharashtra Net	83.835	1751.970
B) 1) APML	46.546	916.255	5) Goa (Amona)	-0.528	-11.682
2) JSWEL	11.264	262.238	Total	82.043	1924.213
3) VIPL	4.487	90.692	a) Mumbai Schedule	22.496	384.559
4) RPL(AMT)	22.629	440.899	b) Mumbai Drawl	27.544	462.116
5) WPCL	4.443	71.042	c) MSEDCL Bilateral *	19.175	330.370
6) PGPL	0.000	0.000	Include PX	0.786	16.741
7) Other IPP	2.956	58.024	d) Mumbai Bilateral *	22.496	384.559
C) 1) TPCL Thermal	12.481	230.280	Include PX	7.228	124.292
2) TPCL Hydro	4.866	75.192	Include Standby	0.000	0.000
3) TPCL Gas	3.782	61.242	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.989	162.559	1) MSEDCL	310.683	6321.914
D) STATE			2) Mumbai Discoms	57.662	991.390
1) Thermal	200.773	4104.853	TOTAL STATE	368.345	7313.304
(A1+C1+C4+(B1-B6))					
2) Hydro	12.289	187.132			
(A2+C2)					
3) Gas	6.732	155.011			
(A3+B6+C3)					
4) Wind	63.759	880.865			
6) SOLAR	2.749	61.229			
TOTAL STATE	286.302	5389.090			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3403	3761	3880	3479
MSPGCL Hydro	428	484	797	135
MSPGCL Gas	119	119	118	130
MSPGCL Total Generation	3950	4364	4795	3744
Central Sector Receipt	4503	3907	4378	1579
WIND	2824	2652	2318	2793
CPP / IPP Thermal	3764	3733	4348	3754
CPP / IPP Gas	0	0	0	0
SOLAR	248	56	0	0
Exchange with Mumbai	-1393	-1312	-1152	-720
MSEDCL DEMAND MET	13896	13400	14687	11150
Load Shedding	0	0	0	0
MSEDCL DEMAND	13896	13400	14687	11150
TPCL GENERATION	998	998	1151	629
R-INFRA GENERATION	373	376	374	375
MUMBAI DEMAND	2764	2686	2677	1724
STATE DEMAND MET	16660	16086	17364	12874
STATE DEMAND	16660	16086	17364	12874
Frequency (Hz)	50.03	49.94	49.89	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.31 Hrs	49.72 Hz at 19.20 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 17/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	7.48	146.41	351	274
Unit 9	9.34	157.82	485	331
Unit 10	0.00	0.00	0	0
Total	16.82	308.15		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	8.87	159.50	470	350
Total	8.87	244.76		
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	0.00	79.31	0	0
Unit 8	4.59	89.32	206	185
Total	4.59	168.64		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.00	54.34	181	121
Unit 5	3.07	147.18	275	0
Unit 6	0.00	85.09	0	0
Unit 7	4.76	148.52	273	0
Unit 8	8.19	138.60	410	315
Unit 9	8.14	79.26	373	318
Total	28.17	653.01		
Paras				
Unit 3	4.23	85.20	217	134
Unit 4	4.21	82.52	211	157
Total	8.44	167.72		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	2.44	56.72	120	90
Unit 3	3.03	31.73	155	105
Unit 4	2.59	62.10	150	0
Unit 5	8.16	78.62	360	240
Total	16.22	262.53		
Nasik				
Unit 3	3.86	41.16	165	159
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.86	68.06		
Uran				
All Units	2.95	93.77	130	117
Total	2.95	93.77		
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)	0.18	1.07	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	1.07		
Koyna				
Stage 1-2	2.08	30.90	455	40
Stage 4	0.23	14.13	201	0
Stage 3	1.18	17.58	160	0
Total	3.49	62.62		
Hydro				
KDPH	0.82	10.69	34	34
VTRNA	0.71	3.79	61	0
TILLARI	0.72	12.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	6.99	73	0
RNGR+BHTSA	0.38	1.66	16	15
BHANDARDRA	0.35	5.76	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	8.30	30	20
GHATGHAR	0.00	0.00	0	0
Total	3.93	49.32		
Wind				
Total	63.76	880.86	0	0
Total	63.76	880.86		
CPP				
APML(Mus)	46.55	916.26	0	0
JSWEL(Mus)	11.26	262.24	0	0
VIPL(Mus)	4.49	90.69	0	0
RPLAMT(Mus)	22.63	440.90	0	0
WPCL(Mus)	4.44	71.04	0	0
Other(Mus)	2.96	58.02	0	0
Total	92.32	1839.15		
SOLAR				
Total	2.75	61.23	0	0
Total	2.75	61.23		
Tata				
Trombay 5	7.28	141.08	317	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	38.26	117	63
Trombay 7B	1.47	22.98	68	51
Trombay 8	5.20	89.20	225	213
TATA Hydro	4.87	75.19	430	0
Total	21.13	366.71		
R-INFRA				
DTPS U-1&2	8.99	162.56	377	372
Total	8.99	162.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.98	1872.86	MSPGCL Total	97.35	2078.57
			MSPGCL Thml+Gas	89.93	1966.63	Koyna 1,2 & 4 Total	2.32	45.03
			MSPGCL Hydro	7.42	111.94	State Total	286.30	5389.09

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	3455	185	129	3769	3010	3761	0	0	2180	1912	-970	11482	0	11482	2031	13513	49.96
2	3481	172	119	3772	3034	3753	0	0	2354	1812	-842	11529	0	11529	1874	13403	50.00
3	3479	125	119	3723	3071	3749	0	0	2032	1773	-778	11538	0	11538	1784	13322	50.04
4	3479	135	130	3744	2793	3754	0	0	2004	1579	-720	11150	0	11150	1724	12874	50.04
5	3469	135	120	3724	2768	3778	0	0	3010	1956	-721	11505	0	11505	1729	13234	50.02
6	3453	125	129	3707	2813	3819	0	0	3355	2449	-821	11967	0	11967	1825	13792	50.02
7	3502	148	119	3769	2796	3852	0	20	3635	3405	-911	12931	0	12931	1924	14855	49.99
8	3336	302	119	3757	2772	3773	0	79	4362	4178	-1022	13537	0	13537	2123	15660	50.02
9	3362	370	128	3860	2784	3723	0	155	4618	4473	-1229	13766	0	13766	2439	16205	49.98
10	3403	428	119	3950	2824	3764	0	248	4551	4503	-1393	13896	0	13896	2764	16660	50.03
11	3488	414	118	4020	2758	3739	0	334	4738	4338	-1577	13612	0	13612	2971	16583	50.00
12	3556	394	127	4077	2802	3701	0	296	4577	3874	-1605	13145	0	13145	3014	16159	49.99
13	3696	323	117	4136	2772	3716	0	351	4051	3653	-1535	13093	0	13093	2950	16043	49.99
14	3839	332	128	4299	2743	3722	0	412	3588	3133	-1426	12883	0	12883	2768	15651	50.04
15	3869	329	119	4317	2862	3721	0	361	2796	3019	-1380	12900	0	12900	2756	15656	49.99
16	3904	342	119	4365	2755	3733	0	274	3086	3232	-1377	12982	0	12982	2745	15727	49.96
17	3747	365	128	4240	2603	3734	0	157	3544	3479	-1360	12853	0	12853	2711	15564	49.96
18	3761	484	119	4364	2652	3733	0	56	3483	3907	-1312	13400	0	13400	2686	16086	49.94
19	3870	730	129	4729	2489	3812	0	6	4046	4219	-1311	13944	0	13944	2671	16615	49.93
20	3880	797	118	4795	2318	4348	0	0	4342	4378	-1152	14687	0	14687	2677	17364	49.89
21	3876	167	119	4162	2154	4482	0	0	4494	4395	-1099	14094	0	14094	2595	16689	50.00
22	3941	188	129	4258	2141	4288	0	0	4406	3980	-985	13682	0	13682	2438	16120	49.97
23	3585	249	119	3953	2040	4059	0	0	4211	4328	-927	13453	0	13453	2290	15743	49.97
24	3547	184	130	3861	2005	3808	0	0	4320	4068	-1091	12651	0	12651	2173	14824	49.97
MUs	86.98	7.42	2.95	97.35	63.76	92.32	0.00	2.75	87.78	82.04	-27.54	310.68	0.00	310.68	57.66	368.34	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 17/Aug/2018

Position as on 6.30 Hrs of 18/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	Parli Unit 6	250	23/07/2018	00:00		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital 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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
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.	R & M Work	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Uran Unit B0	120	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Uran Unit 8	108	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Chandrapur Unit 5	500	16/08/2018	23.07	17/08/2018	09.25	FIRE PROTECTION RELAY MALFUNCTION.	
MSPGCL	Parli Unit 7	250	16/08/2018	23.45		Continued.	BOILER VALIDITY EXTENTION.	
MSPGCL	Chandrapur Unit 7	500	17/08/2018	07.17	17/08/2018	11.40	turbine trip gear operation.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Aug/2018

Position as on 6.30 Hrs of 18/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 4	210	17/08/2018	16.01	17/08/2018	18.38	coal mill & both PA fan tripped.	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
MSPGCL	Chandrapur Unit 5	500	17/08/2018	22.08		Continued.	AVR FAULTY.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
IPP	VIPL U-1	300	18/08/2018	00.39	18/08/2018	01.30	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 18/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	16/08/2018	03.38		Continued.	T	Distance Protection
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	14/08/2018	18.15		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	16/08/2018	06.46		Continued.	PO	LOC NO-54, R-PHASE STRING DECAPPED.
Koradi 2-IEPL	IntraState	17/08/2018	09.34	17/08/2018	12.13	PO	line signature analysis test.
Lonikand2-Lonikand1 (Intrconector)	IntraState	17/08/2018	10.16	17/08/2018	20.44	PO	Distance Relay installation Work.
New Koyna -Koyna Stage IV-I	IntraState	17/08/2018	12.35	17/08/2018	23.25	PO	Testing Work
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	17/08/2018	06.13	17/08/2018	09.21	PO	to connect tripping contacts of NR make 400kv bus bar protection to ict bay.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	17/08/2018	12.43	17/08/2018	14.01	T	on main bucholz protn of Y -PH unit.
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	17/08/2018	16.21	17/08/2018	17.58	PO	to attend TCIV closed indication.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	17/08/2018	16.45	17/08/2018	17.15	PO	to replace nitrogen cylinders of ctr system (Y- PH ONLY)
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.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
Pophali - Kdph	IntraState	17/08/2018	01.25		Continued.	T	Distance Protection
Badnera-Akola I	IntraState	17/08/2018	08.30	17/08/2018	20.15	PO	replacement of r,y & b-ph ct.
Padghe-Kamba II	IntraState	17/08/2018	10.05	17/08/2018	13.10	PO	overhauling, servicing of 220kv line isolator.
Chitepimpalgaon-Shedra I	IntraState	17/08/2018	12.33	17/08/2018	18.15	PO	Routine Maintenance Work
Lonikand - Bhosari	IntraState	17/08/2018	16.56	17/08/2018	18.19	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
132 KV LINE Outages/Trippings							
Ahamadnagar - Ashti	IntraState	16/08/2018	19.04	17/08/2018	03.07	T	Distance Protection

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