

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Aug/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.766	2390.742	1) Gujrat	-2.418	-51.852
2) Hydro	9.103	157.621	2) Madhya Pradesh	9.655	178.790
3) Gas	9.691	134.830	3) Chattisgarh	4.810	109.900
Total MSPGCL	95.560	2683.193	4) Maharashtra Net	99.375	2345.637
B) 1) APML	52.796	1233.248	5) Goa (Amona)	-0.572	-15.158
2) JSWEL	17.681	348.610	Total	110.850	2567.317
3) VIPL	4.171	116.241	a) Mumbai Schedule	22.732	516.248
4) RPL(AMT)	10.546	504.981	b) Mumbai Drawl	25.338	614.095
5) WPCL	2.668	92.834	c) MSEDCL Bilateral *	21.980	447.311
6) PGPL	0.000	0.000	Include PX	-2.025	13.901
7) Other IPP	7.491	91.224	d) Mumbai Bilateral *	22.732	516.248
C) 1) TPCL Thermal	13.337	308.224	Include PX	7.090	166.830
2) TPCL Hydro	5.893	102.878	Include Standby	0.000	0.000
3) TPCL Gas	3.717	83.347	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.798	217.044	1) MSEDCL	325.568	8295.522
D) STATE			2) Mumbai Discoms	58.083	1325.588
1) Thermal	195.254	5303.148	TOTAL STATE	383.651	9621.110
(A1+C1+C4+(B1-B6))					
2) Hydro	14.996	260.499			
(A2+C2)					
3) Gas	13.408	218.177			
(A3+B6+C3)					
4) Wind	44.850	1191.000			
6) SOLAR	4.293	80.969			
TOTAL STATE	272.801	7053.793			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3266	3058	3215	3332
MSPGCL Hydro	467	173	1132	165
MSPGCL Gas	401	405	406	401
MSPGCL Total Generation	4134	3636	4753	3898
Central Sector Receipt	5572	4689	4904	3458
WIND	1836	2556	1508	1820
CPP / IPP Thermal	4234	3838	4324	3715
CPP / IPP Gas	0	0	0	0
SOLAR	304	497	0	0
Exchange with Mumbai	-1063	-1570	-896	-771
MSEDCL DEMAND MET	15017	13646	14593	12120
Load Shedding	0	0	0	0
MSEDCL DEMAND	15017	13646	14593	12120
TPCL GENERATION	1037	1008	1313	607
R-INFRA GENERATION	422	374	498	376
MUMBAI DEMAND	2522	2952	2707	1754
STATE DEMAND MET	17539	16598	17300	13874
STATE DEMAND	17539	16598	17300	13874
Frequency (Hz)	50.04	50.02	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.00 Hrs	49.75 Hz at 18.15 Hrs	49.97	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 23/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.36	0	0
Unit 7	0.00	3.92	0	0
Unit 8	1.57	177.30	148	0
Unit 9	3.96	195.43	196	130
Unit 10	0.00	0.00	0	0
Total	5.53	377.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.65	216.94	465	345
Total	9.65	302.20		
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	4.99	102.32	241	176
Unit 8	4.79	118.91	221	185
Total	9.78	221.23		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.81	75.96	172	132
Unit 5	6.16	185.28	275	240
Unit 6	6.08	121.30	285	240
Unit 7	6.23	192.27	295	235
Unit 8	1.57	168.88	218	0
Unit 9	7.32	100.75	338	294
Total	31.17	844.45		
Paras				
Unit 3	4.25	108.99	207	148
Unit 4	2.99	106.53	153	60
Total	7.24	215.52		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	0.00	42.52	0	0
Unit 4	3.30	80.08	147	130
Unit 5	6.21	118.57	280	205
Total	9.51	338.58		
Nasik				
Unit 3	3.88	64.84	173	155
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.88	91.75		
Uran				
All Units	9.69	134.83	419	391
Total	9.69	134.83		
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)	0.06	1.51	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.51		
Koyna				
Stage 1-2	2.41	39.89	425	35
Stage 4	0.76	16.07	324	0
Stage 3	1.39	25.62	160	0
Total	4.57	81.58		
Hydro				
KDPH	0.81	15.61	34	33
VTRNA	0.98	9.64	61	0
TILLARI	0.79	16.92	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	9.66	80	0
RNGR+BHTSA	0.00	3.17	0	0
BHANDARDRA	0.34	7.83	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	11.49	30	19
GHATGHAR	0.63	1.72	125	0
Total	4.54	76.04		
Wind				
Total	44.85	1191.00	0	0
Total	44.85	1191.00		
CPP				
APML(Mus)	52.80	1233.25	0	0
JSWEL(Mus)	17.68	348.61	0	0
VIPL(Mus)	4.17	116.24	0	0
RPLAMT(Mus)	10.55	504.98	0	0
WPCL(Mus)	2.67	92.83	0	0
Other(Mus)	7.49	91.22	0	0
Total	95.35	2387.14		
SOLAR				
Total	4.29	80.97	0	0
Total	4.29	80.97		
Tata				
Trombay 5	8.18	188.47	465	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	51.69	116	62
Trombay 7B	1.45	31.66	68	50
Trombay 8	5.16	119.76	242	197
TATA Hydro	5.89	102.88	440	0
Total	22.95	494.45		
R-INFRA				
DTPS U-1&2	9.80	217.04	502	374
Total	9.80	217.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	76.77	2390.74	MSPGCL Total	95.56	2683.19
			MSPGCL Thml+Gas	86.46	2525.57	Koyna 1,2 & 4 Total	3.17	55.96
			MSPGCL Hydro	9.10	157.62	State Total	272.80	7053.79

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	3367	175	399	3941	1866	3628	0	0	3839	3664	-976	12123	0	12123	1987	14110	49.96
2	3304	273	419	3996	1853	3712	0	0	3520	3587	-848	12300	0	12300	1842	14142	49.97
3	3332	165	401	3898	1820	3715	0	0	3579	3458	-771	12120	0	12120	1754	13874	49.98
4	3314	163	412	3889	1709	3776	0	0	3559	3609	-700	12283	0	12283	1685	13968	50.00
5	3310	165	399	3874	1691	3786	0	0	3820	3863	-702	12512	0	12512	1690	14202	49.97
6	3405	184	409	3998	1768	3915	0	0	4347	4534	-766	13449	0	13449	1804	15253	49.91
7	3491	357	411	4259	1752	4212	0	20	5165	4879	-564	14558	0	14558	1991	16549	49.98
8	3400	498	410	4308	1851	4242	0	131	5262	5418	-777	15173	0	15173	2202	17375	50.04
9	3266	467	401	4134	1836	4234	0	304	5436	5572	-1063	15017	0	15017	2522	17539	50.04
10	3208	420	407	4035	1927	4197	0	439	5483	5349	-1375	14572	0	14572	2816	17388	50.00
11	3168	358	396	3922	2133	4102	0	463	5267	5221	-1549	14292	0	14292	2995	17287	50.02
12	3119	247	393	3759	2240	4062	0	499	5297	4922	-1578	13904	0	13904	3015	16919	49.97
13	3058	173	405	3636	2556	3838	0	497	5183	4689	-1570	13646	0	13646	2952	16598	50.02
14	3063	173	391	3627	2548	3639	0	568	4540	4366	-1477	13271	0	13271	2827	16098	50.01
15	3047	347	401	3795	2461	3517	0	554	4251	4424	-1377	13374	0	13374	2836	16210	49.93
16	2947	402	402	3751	2289	3732	0	386	4606	4729	-1398	13489	0	13489	2823	16312	49.97
17	2959	322	393	3674	2144	3749	0	296	5012	4904	-1357	13410	0	13410	2793	16203	49.93
18	2972	332	394	3698	2021	3722	0	119	5077	5060	-1281	13339	0	13339	2746	16085	49.95
19	3088	741	407	4236	1738	4075	0	17	4889	4789	-1168	13687	0	13687	2717	16404	49.94
20	3215	1132	406	4753	1508	4324	0	0	4802	4904	-896	14593	0	14593	2707	17300	49.95
21	3210	800	412	4422	1391	4322	0	0	4703	4841	-726	14250	0	14250	2546	16796	49.92
22	3175	775	400	4350	1273	4331	0	0	4672	4731	-722	13963	0	13963	2408	16371	49.97
23	3194	257	411	3862	1184	4368	0	0	4595	4723	-654	13483	0	13483	2284	15767	49.93
24	3154	177	412	3743	1291	4159	0	0	4761	4614	-1043	12764	0	12764	2141	14905	49.95
MUs	76.77	9.10	9.69	95.56	44.85	95.35	0.00	4.29	111.66	110.85	-25.34	325.57	0.00	325.57	58.08	383.65	49.97

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 23/Aug/2018

Position as on 6.30 Hrs of 24/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	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
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.	
MSPGCL	Khaparkhedha Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
MSPGCL	Koyna Unit 8	80	20/08/2018	08.25	23/08/2018	21.15	injector no 6.replacement work.	
IPP	RPL(AMT) U-3	270	20/08/2018	15:00		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Khaparkhedha Unit 2	210	21/08/2018	00.00		Continued.	Wet coal.	
IPP	Adani U-1	660	21/08/2018	05.02		Continued.	Withdrawn, Bellow Leakage.	
MSPGCL	Koradi Unit 6	210	21/08/2018	05.30	23/08/2018	20.32	HP expansion high.	
CPP	SWPGL U-4	135	22/08/2018	00.08		Continued.	Change over relay and electrical fault.	
MSPGCL	Khaparkhedha Unit 3	210	22/08/2018	01.05		Continued.	Wet coal.	
MSPGCL	Chandrapur Unit-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	23/08/2018	14.49		Continued.	Master Fuel Trip	
MSPGCL	Koradi Unit 6	210	24/08/2018	06.28		Continued.	Coal mill problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 24/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 - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	21/08/2018	17.29	23/08/2018	07.38	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/08/2018	18.18		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	19/08/2018	16.53		Continued.	T	NDR Operated
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	23/08/2018	04.26	24/08/2018	05.52	T	NDR Operated
400/220KV 500MVA ICT 2@koradi 2	IntraState	23/08/2018	09.56	23/08/2018	17.49	PO	diagnostic testing.
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.
Boisar(MS) - Boisar (PG) II	InterState	23/08/2018	15.30	23/08/2018	18.20	EO	Attending Hot Spot
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.
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.
Satana-Gangapur	IntraState	22/08/2018	05.40	23/08/2018	16.44	T	LA blast At Gangapur end.
Karad(400kv) - Wathar	IntraState	22/08/2018	21.02	23/08/2018	12.20	T	Distance Protection & LBB.
ALEPHATA UTECH SUGAR	IntraState	23/08/2018	01.26	23/08/2018	20.33	T	Distance Protection
Badnera - Amravati	IntraState	23/08/2018	08.35	23/08/2018	20.45	PO	ct replacement.
Halkarni-Mahalaxmiline	IntraState	23/08/2018	09.03	23/08/2018	18.55	PO	for replacement of old faulty disc insulator found in PID.
Pusad-WardhaPG(Deoli)	IntraState	23/08/2018	09.09	23/08/2018	18.39	PO	Testing Work
Kalwa - Siemens	IntraState	23/08/2018	09.28	23/08/2018	12.53	PO	for replacement of R-PH line to trap line jumper and bay maint work.
Phursungi-Parvati	IntraState	23/08/2018	09.39	23/08/2018	21.00	PO	restringing work to reduce sag.
Anandnagar - Pal	IntraState	23/08/2018	10.00	23/08/2018	17.15	PO	replacement of damaged earth wire between loc no 138 to 142.
Butibori - Wardha	IntraState	23/08/2018	10.39	23/08/2018	15.32	PO	Tan Delta Measurment of CTs
Babhaleshwar - Degaon Rangari	IntraState	23/08/2018	10.55	23/08/2018	12.52	PO	LTS/LBB TESTING WORK.
Ranjangaon-Lonikand	IntraState	23/08/2018	10.59	23/08/2018	17.37	PO	Testing Work
Badnera-Akola li	IntraState	23/08/2018	11.58	23/08/2018	12.20	T	sparking on line isolator jaw.
Khadka-Bhadli-2	IntraState	23/08/2018	12.00	23/08/2018	13.56	T	tripped while cleaning MB.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
220/132 Kv 200 Mva Bbl Ptr 4	IntraState	23/08/2018	09.05	23/08/2018	17.39	PO	Half yearly maintenance work

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 23/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 24/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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