

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Aug/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	80.186	2313.976	1) Gujrat	-2.742	-49.434
2) Hydro	7.597	148.518	2) Madhya Pradesh	7.879	169.135
3) Gas	9.636	125.139	3) Chattisgarh	4.670	105.090
Total MSPGCL	97.419	2587.633	4) Maharashtra Net	95.169	2246.262
B) 1) APLM	51.170	1180.452	5) Goa (Amona)	-0.748	-14.586
2) JSWEL	16.846	330.929	Total	104.228	2456.467
3) VIPL	4.085	112.070	a) Mumbai Schedule	24.482	493.515
4) RPL(AMT)	9.824	494.435	b) Mumbai Drawl	27.828	588.757
5) WPCL	2.598	90.166	c) MSEDCL Bilateral *	22.452	425.332
6) PGPL	0.000	0.000	Include PX	-0.253	15.926
7) Other IPP	9.323	83.733	d) Mumbai Bilateral *	24.482	493.515
C) 1) TPCL Thermal	12.230	294.887	Include PX	10.145	159.740
2) TPCL Hydro	4.350	96.985	Include Standby	0.000	0.000
3) TPCL Gas	3.422	79.630	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.774	207.246	1) MSEDCL	321.251	7969.954
D) STATE			2) Mumbai Discoms	54.604	1267.505
1) Thermal	193.036	5107.894	TOTAL STATE	375.855	9237.459
(A1+C1+C4+(B1-B6))					
2) Hydro	11.947	245.503			
(A2+C2)					
3) Gas	13.058	204.769			
(A3+B6+C3)					
4) Wind	49.320	1146.150			
6) SOLAR	4.266	76.676			
TOTAL STATE	271.627	6780.992			

* 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 4 Hrs
MSPGCL Thermal	3589	3297	3447	3182
MSPGCL Hydro	404	296	797	177
MSPGCL Gas	402	396	395	400
MSPGCL Total Generation	4395	3989	4639	3759
Central Sector Receipt	5086	4215	4799	3215
WIND	2112	2370	2017	1886
CPP / IPP Thermal	4259	3859	4360	3643
CPP / IPP Gas	0	0	0	0
SOLAR	312	559	0	0
Exchange with Mumbai	-1319	-1559	-912	-642
MSEDCL DEMAND MET	14845	13433	14903	11861
Load Shedding	0	0	0	0
MSEDCL DEMAND	14845	13433	14903	11861
TPCL GENERATION	770	881	1207	651
R-INFRA GENERATION	195	244	449	377
MUMBAI DEMAND	2284	2684	2568	1670
STATE DEMAND MET	17129	16117	17471	13531
STATE DEMAND	17129	16117	17471	13531
Frequency (Hz)	50.02	50.02	49.89	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 16.02 Hrs	49.77 Hz at 19.23 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 22/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	1.48	175.72	150	0
Unit 9	2.76	191.47	177	0
Unit 10	0.00	0.00	0	0
Total	4.24	371.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.16	207.29	450	350
Total	9.16	292.54		
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	4.66	97.33	241	176
Unit 8	4.66	114.12	240	180
Total	9.32	211.45		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	72.15	180	150
Unit 5	6.53	179.11	305	245
Unit 6	6.78	115.22	358	230
Unit 7	7.04	186.04	369	225
Unit 8	5.48	167.32	240	200
Unit 9	7.33	93.43	350	293
Total	37.14	813.28		
Paras				
Unit 3	2.95	104.74	200	0
Unit 4	3.79	103.54	190	122
Total	6.74	208.28		
Khaparkhedda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	0.04	42.52	37	0
Unit 4	3.32	76.78	150	120
Unit 5	6.34	112.36	305	209
Total	9.70	329.07		
Nasik				
Unit 3	3.88	60.96	186	156
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.88	87.87		
Uran				
All Units	9.64	125.14	416	354
Total	9.64	125.14		
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)	0.04	1.45	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.45		
Koyna				
Stage 1-2	1.28	37.48	220	35
Stage 4	0.12	15.31	86	0
Stage 3	1.67	24.22	160	0
Total	3.06	77.01		
Hydro				
KDPH	0.82	14.79	35	34
VTRNA	0.97	8.66	61	0
TILLARI	0.79	16.14	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	9.22	80	0
RNGR+BHTSA	0.36	3.17	15	15
BHANDARDRA	0.34	7.49	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	10.96	29	19
GHATGHAR	0.26	1.08	125	0
Total	4.53	71.51		
Wind				
Total	49.32	1146.15	0	0
Total	49.32	1146.15		
CPP				
APML(Mus)	51.17	1180.45	0	0
JSWEL(Mus)	16.85	330.93	0	0
VIPL(Mus)	4.08	112.07	0	0
RPLAMT(Mus)	9.82	494.44	0	0
WPCL(Mus)	2.60	90.17	0	0
Other(Mus)	9.32	83.73	0	0
Total	93.85	2291.78		
SOLAR				
Total	4.27	76.68	0	0
Total	4.27	76.68		
Tata				
Trombay 5	7.36	180.29	376	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.04	49.43	113	63
Trombay 7B	1.39	30.20	67	51
Trombay 8	4.86	114.60	228	198
TATA Hydro	4.35	96.98	462	36
Total	20.00	471.50		
R-INFRA				
DTPS U-1&2	6.77	207.25	449	194
Total	6.77	207.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	80.19	2313.98	MSPGCL Total	97.42	2587.63
			MSPGCL Thml+Gas	89.82	2439.12	Koyna 1,2 & 4 Total	1.40	52.79
			MSPGCL Hydro	7.60	148.52	State Total	271.63	6780.99

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 22/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 SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3347	192	354	3893	1850	3720	0	0	3595	3460	-950	11973	0	11973	1980	13953	49.96
2	3262	182	401	3845	1914	3724	0	0	3351	3268	-799	11952	0	11952	1828	13780	49.94
3	3236	177	416	3829	1838	3689	0	0	3310	3156	-708	11804	0	11804	1733	13537	49.91
4	3182	177	400	3759	1886	3643	0	0	3359	3215	-642	11861	0	11861	1670	13531	49.95
5	3175	187	400	3762	1652	3656	0	0	3767	3883	-692	12261	0	12261	1671	13932	49.94
6	3211	178	401	3790	1578	3707	0	0	4590	4743	-908	12910	0	12910	1776	14686	49.93
7	3489	272	403	4164	1655	4029	0	20	5192	5294	-861	14301	0	14301	1899	16200	49.98
8	3633	363	413	4409	1931	4236	0	131	5400	5188	-941	14954	0	14954	2057	17011	50.02
9	3589	404	402	4395	2112	4259	0	312	5478	5086	-1319	14845	0	14845	2284	17129	50.02
10	3439	366	410	4215	2173	4129	0	397	5361	5157	-1488	14583	0	14583	2523	17106	49.95
11	3337	334	399	4070	2303	3860	0	477	5244	4996	-1563	14143	0	14143	2699	16842	49.99
12	3289	357	407	4053	2250	3859	0	560	4876	4572	-1618	13676	0	13676	2750	16426	49.99
13	3297	296	396	3989	2370	3859	0	559	4577	4215	-1559	13433	0	13433	2684	16117	50.02
14	3141	187	408	3736	2372	3713	0	558	4100	4217	-1485	13111	0	13111	2580	15691	50.04
15	3133	456	408	3997	2563	3596	0	502	4160	4153	-1501	13310	0	13310	2573	15883	50.04
16	3248	385	408	4041	2446	3624	0	357	4246	4148	-1481	13135	0	13135	2545	15680	50.03
17	3243	335	394	3972	2450	3676	0	259	4358	4233	-1460	13130	0	13130	2523	15653	50.03
18	3204	319	395	3918	2436	3724	0	112	4534	4540	-1463	13267	0	13267	2518	15785	49.96
19	3254	358	405	4017	2179	3966	0	22	4631	4784	-1250	13718	0	13718	2511	16229	49.94
20	3447	797	395	4639	2017	4360	0	0	4627	4799	-912	14903	0	14903	2568	17471	49.89
21	3528	457	406	4391	1948	4437	0	0	4495	4404	-922	14258	0	14258	2485	16743	49.93
22	3459	340	406	4205	1765	4256	0	0	4333	4590	-1059	13757	0	13757	2365	16122	49.92
23	3562	260	400	4222	1776	4240	0	0	4456	4114	-1165	13187	0	13187	2251	15438	49.98
24	3481	218	409	4108	1856	3889	0	0	3910	4013	-1082	12784	0	12784	2131	14915	49.98
MUs	80.19	7.60	9.64	97.42	49.32	93.85	0.00	4.27	105.95	104.23	-27.83	321.25	0.00	321.25	54.60	375.85	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 22/Aug/2018

Position as on 6.30 Hrs of 23/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 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	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.	
IPP	Dhariwal	300	13/07/2018	23.59	22/08/2018	07.54	Critical coal stock	
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 Extension	
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	Khaparkheda 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.	
IPP	RPL(AMT) U-3	270	20/08/2018	15:00		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 2	210	21/08/2018	00.00		Continued.	Wet coal.	
IPP	Adani U-1	660	21/08/2018	05.02		Continued.	AP PA hot PA bellow leakage.	
MSPGCL	Koradi Unit 6	210	21/08/2018	05.30		Continued.	HP expansion high.	
MSPGCL	Koradi Unit 9	660	21/08/2018	21.22	22/08/2018	02.44	Turbine protection.	
CPP	SWPGL U-4	135	22/08/2018	00.08		Continued.	Change over relay and electrical fault.	
MSPGCL	Khaparkheda Unit 3	210	22/08/2018	01.05		Continued.	Wet coal.	
MSPGCL	Paras Unit 3	250	22/08/2018	02.43	22/08/2018	06.33	Electrical protection.	
MSPGCL	Koradi Unit-8	660	22/08/2018	02.44	22/08/2018	06.16	Generator protection	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Aug/2018

Position as on 6.30 Hrs of 23/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RINFRA-G	REL Unit 1	250	22/08/2018	04.54	22/08/2018	17.50	Deterioration in condenser vacuum.	
MSPGCL	Koradi Unit 9	660	22/08/2018	12.56	22/08/2018	14.36	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 23/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)
Khadka-Aurangabad (Waluj)	IntraState	21/08/2018	17.29			Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/08/2018	02.24	22/08/2018	08.17		HT	Over Voltage
TBC @ chandrapur	IntraState	22/08/2018	09.41	22/08/2018	17.55		PO	diagnostic testing.
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 Kv 500 Mva Ict 1 @Lamboti	IntraState	22/08/2018	09.42	22/08/2018	18.55		PO	ICT PAINTING.
400/220kv 315 Mva ICT III @Karad	IntraState	22/08/2018	21.04	22/08/2018	21.34		T	LBB OPERATED & bus 2 tripped.
400/220kv 315 Mva ICT II @Karad	IntraState	22/08/2018	21.04	22/08/2018	21.37		T	LBB OPERATED & bus 2 tripped.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	23/08/2018	04.26			Continued.	T	NDR Operated
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.
Mahalakshmi Amona	InterState	21/08/2018	12.16	22/08/2018	15.19		HT	Unbalance voltage shown at amona end.
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			Continued.	T	LA Blast At Gnagapur end.
Aarey Saki Line 1	IntraState	22/08/2018	11.05	22/08/2018	13.39		PO	positive & zero sequence impedance measurement of cable.
Parli 3(Old Gcr)-Parli Newtps Ckt 1	IntraState	22/08/2018	11.19	22/08/2018	16.05		EO	Attending Hot Spot
Karad(400kv) - Wathar	IntraState	22/08/2018	21.02			Continued.	T	Distance Protection & LBB.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	22/08/2018	21.04	22/08/2018	21.39		T	LBB OPERATED & bus 2 tripped.
Karad(400kv) -Nigade	IntraState	22/08/2018	21.04	22/08/2018	21.43		T	LBB OPERATED & bus 2 tripped.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	22/08/2018	21.04	22/08/2018	21.42		T	LBB OPERATED & bus 2 tripped.
Karad - Vita Ckt- II	IntraState	22/08/2018	21.04	22/08/2018	21.41		T	LBB OPERATED & bus 2 tripped.
Malharpeth - Karad(400kv)	IntraState	22/08/2018	21.04	22/08/2018	21.36		T	LBB OPERATED & bus 2 tripped.
karad - Dasgaon	IntraState	22/08/2018	21.04	22/08/2018	21.45		T	LBB OPERATED & bus 2 tripped.
220 KV ICT Outages/Trippings								
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50			Continued.	HT	due to sparking on R-PH HV bushing.
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	22/08/2018	10.30	22/08/2018	16.20		PO	Quarterly Maintenance Work
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 22/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 23/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sawangi - Kazgipura	IntraState	21/08/2018	20.20	22/08/2018	17.37	T	R Phase Conductor Snapped at Loc No 181,182 & 183.