

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	67.016	135.194	1) Gujrat	-1.880	-4.267
2) Hydro	7.360	15.105	2) Madhya Pradesh	10.713	20.923
3) Gas	9.274	18.401	3) Chattisgarh	3.440	6.580
Total MSPGCL	83.650	168.700	4) Maharashtra	87.394	174.910
B) 1) APMIL	61.811	127.975	5) Goa (Amona)	-0.792	-1.540
2) JSWEL	23.165	46.498	Total	98.875	196.606
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.743	43.438
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.276	57.233
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.922	23.358
6) Other IPP	2.417	5.240	Include PX	-1.331	-7.149
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.743	43.438
C) 1) TPCL Thermal	12.625	25.448	Include PX	4.867	10.162
2) TPCL Hydro	4.374	8.910	Standby	0.000	0.000
3) TPCL Gas	3.693	7.421	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.477	19.158	1) MSEDCL	303.902	615.463
D) STATE			2) Mumbai Discoms	58.444	118.169
1) Thermal	176.511	359.513	TOTAL STATE	362.346	733.632
(A1+C1+C4+(B1-B6))					
2) Hydro	11.734	24.015			
(A2+C2)					
3) Gas	12.967	25.822			
(A3+B7+C3)					
4) Wind	60.065	122.472			
6) SOLAR	2.195	5.205			
TOTAL STATE	263.472	537.027			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2938	2695	2780	2944
MSPGCL Hydro	227	279	602	98
MSPGCL Gas	383	381	397	398
MSPGCL Total Generation	3548	3355	3779	3440
Central Sector Receipt	4712	4383	4550	3483
WIND	2412	2565	2540	2347
CPP / IPP Thermal	4093	3336	4157	3324
CPP / IPP Gas	0	0	0	0
SOLAR	230	274	0	0
Exchange with Mumbai	-1422	-1658	-1024	-709
MSEDCL DEMAND MET	13573	12255	14002	11885
Load Shedding	0	0	0	0
MSEDCL DEMAND	13573	12255	14002	11885
TPCL GENERATION	1050	913	1167	657
AEML GENERATION	393	376	479	374
MUMBAI DEMAND	2865	2947	2670	1740
STATE DEMAND MET	16438	15202	16672	13625
STATE DEMAND	16438	15202	16672	13625
Frequency (Hz)	50.00	50.04	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 13.03 Hrs	49.81 Hz at 16.58 Hrs	49.98	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 02/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.88	18.58	430	335
Unit 5	8.96	18.58	435	350
Total	17.85	37.16		
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	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.84	0.84	84	0
Unit 4	2.18	4.71	110	66
Unit 5	5.13	5.13	270	0
Unit 6	7.52	14.65	350	280
Unit 7	0.00	0.00	0	0
Unit 8	6.59	11.84	355	196
Unit 9	7.21	13.71	360	161
Total	29.47	50.88		
Paras				
Unit 3	0.49	5.04	150	0
Unit 4	1.16	4.95	130	0
Total	1.65	9.99		
Khaparkheda				
Unit 1	2.04	3.32	110	20
Unit 2	2.74	5.08	135	90
Unit 3	3.11	6.21	148	115
Unit 4	0.00	0.00	0	0
Unit 5	8.45	15.37	380	290
Total	16.35	29.98		
Nasik				
Unit 3	1.69	4.36	96	53
Unit 4	0.00	0.70	0	0
Unit 5	0.00	2.11	0	0
Total	1.69	7.18		
Uran				
All Units	9.27	18.40	402	372
Total	9.27	18.40		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.76	4.30	315	20
Stage 4	0.42	0.74	253	0
Stage 3	1.67	3.76	160	0
Total	3.84	8.80		
Hydro				
KDPH	0.72	1.01	36	18
VTRNA	0.00	0.00	0	0
TILLARI	0.82	1.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	0.88	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.52	0.87	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	0.90	24	15
GHATGHAR	0.60	1.17	225	0
Total	3.52	6.31		
Wind				
Total	60.06	122.47	0	0
Total	60.06	122.47		
CPP				
APML(Mus)	61.81	127.98	0	0
JSWEL(Mus)	23.16	46.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.42	5.24	0	0
Total	87.39	179.71		
SOLAR				
Total	2.20	5.20	0	0
Total	2.20	5.20		
Tata				
Trombay 5	7.82	15.87	457	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	4.55	116	60
Trombay 7B	1.43	2.87	67	48
Trombay 8	4.81	9.58	219	190
TATA Hydro	4.37	8.91	371	75
Total	20.69	41.78		
AEML				
DTPS U-1&2	9.48	19.16	499	372
Total	9.48	19.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	67.02	135.19	MSPGCL Total	83.65	168.70
			MSPGCL Thml+Gas	76.29	153.60	Koyna 1,2 & 4 Total	2.17	5.04
			MSPGCL Hydro	7.36	15.10	State Total	263.47	537.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Aug/2019

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	2831	111	384	3326	2703	3674	0	0	3546	3524	-1052	12175	0	12175	2092	14267	49.99
2	2854	141	373	3368	2577	3347	0	0	3391	3453	-876	11869	0	11869	1908	13777	49.97
3	2940	137	386	3463	2336	3301	0	0	3437	3554	-766	11888	0	11888	1797	13685	49.96
4	2944	98	398	3440	2347	3324	0	0	3486	3483	-709	11885	0	11885	1740	13625	49.98
5	2896	73	386	3355	2167	3473	0	0	3824	3611	-717	11889	0	11889	1743	13632	49.99
6	2955	88	385	3428	2134	3800	0	0	4178	4328	-828	12862	0	12862	1866	14728	50.00
7	3075	581	382	4038	2266	4074	0	8	4494	4621	-781	14226	0	14226	2052	16278	49.93
8	3052	499	382	3933	2311	3966	0	78	4818	4681	-883	14086	0	14086	2252	16338	49.96
9	3135	259	372	3766	2456	4093	0	160	4741	4452	-1063	13864	0	13864	2552	16416	49.94
10	2938	227	383	3548	2412	4093	0	230	4794	4712	-1422	13573	0	13573	2865	16438	50.00
11	2812	279	391	3482	2586	3840	0	253	4895	4652	-1618	13195	0	13195	3032	16227	50.03
12	2678	279	372	3329	2532	3443	0	307	4645	4548	-1590	12569	0	12569	2993	15562	50.03
13	2695	279	381	3355	2565	3336	0	274	4457	4383	-1658	12255	0	12255	2947	15202	50.04
14	2798	280	402	3480	2735	3283	0	267	4165	3726	-1544	11947	0	11947	2784	14731	50.01
15	2754	373	389	3516	2757	3279	0	254	3484	3597	-1527	11876	0	11876	2781	14657	49.97
16	2712	229	378	3319	2822	3245	0	204	3853	3652	-1505	11737	0	11737	2784	14521	49.93
17	2683	347	396	3426	2685	3330	0	113	3578	3944	-1486	12012	0	12012	2781	14793	49.96
18	2627	276	388	3291	2707	3473	0	43	4343	4231	-1465	12280	0	12280	2761	15041	49.96
19	2721	486	388	3595	2513	3775	0	4	4639	4568	-1410	13045	0	13045	2727	15772	49.93
20	2780	602	397	3779	2540	4157	0	0	4551	4550	-1024	14002	0	14002	2670	16672	49.94
21	2685	485	391	3561	2602	3904	0	0	4509	4525	-1024	13568	0	13568	2520	16088	50.01
22	2516	499	380	3395	2537	3716	0	0	4108	4334	-1032	12950	0	12950	2386	15336	50.00
23	2482	466	400	3348	2320	3706	0	0	3972	4085	-1201	12258	0	12258	2270	14528	49.96
24	2453	266	390	3109	2455	3761	0	0	3942	3661	-1095	11891	0	11891	2142	14033	50.01
MUs	67.02	7.36	9.27	83.65	60.06	87.39	0.00	2.20	99.85	98.88	-28.28	303.90	0.00	303.90	58.45	362.35	49.98

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 02/Aug/2019

Position as on 6.30 Hrs of 03/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	26/07/2019	00.15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	30/07/2019	08.05	02/08/2019	09.07	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Aug/2019

Position as on 6.30 Hrs of 03/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	30/07/2019	23.37		Continued.	ZERO SCHEDULE.	
MSPGCL	Chandrapur Unit 5	500	31/07/2019	02.59	02/08/2019	01.30	ZERO SCHEDULE.	
MSPGCL	Nasik Unit 4	210	01/08/2019	05.30		Continued.	Wet Coal(Converted into Zero Schedule from 16.00Hrs)	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality coal	
MSPGCL	Paras Unit 3	250	02/08/2019	03.28		Continued.	CHP coal feeding problem	
MSPGCL	Paras Unit 4	250	02/08/2019	09.17		Continued.	CHP belt problem.	
MSPGCL	Khaparkheda Unit 1	210	02/08/2019	11.12	02/08/2019	12.36	Flame Failure	
MSPGCL	Chandrapur Unit 9	500	03/08/2019	06.15		Continued.	furnace Draft Very High.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 03/Aug/2019

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	26/07/2019	19.03		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Dhule- Bableshwar - I	IntraState	25/07/2019	21.47		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	01/08/2019	02.48		Continued.	T	Over Voltage
Padghe - Nagothane - I	IntraState	02/08/2019	12.05	02/08/2019	12.47	T	Tripped At Nagothane End Only.
TBC @ Kolhapur	IntraState	02/08/2019	12.37	02/08/2019	15.05	EO	For Taking Tan Delta Testing of 220KV TBC.
Alkud-Kolhapur(Talandage)	IntraState	03/08/2019	02.02		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
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 BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Pophali - Nerale	IntraState	31/07/2019	15.57	02/08/2019	20.25	T	Distance Protection
Karad-Nerle	IntraState	31/07/2019	15.57	02/08/2019	20.28	T	Tripped at Nerle end only
REL Borivali Aarey Line	IntraState	01/08/2019	23.10	02/08/2019	08.12	HT	Safety purpose for Metro work
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	01/08/2019	23.13		Continued.	HT	Over Voltage
Boisar(M) - Ghodbunder	IntraState	02/08/2019	06.41		Continued.	T	Distance Protection
Pophali - New Koyana	IntraState	02/08/2019	11.33	02/08/2019	21.20	HT	HT To Avail Outage On Bus Section-2.
Pedambe-Pophali	IntraState	02/08/2019	12.04	02/08/2019	19.05	PO	Due To Outage On Bus Section-2.
Bus Section II @ Pophali	IntraState	02/08/2019	12.05	02/08/2019	19.00	PO	Replacement of Snapped Conductor of Y-Ph Near LA (Nerale-Pophli Line)
Shivajinagar - Malegaon	IntraState	03/08/2019	02.56		Continued.	T	Distance protection B phases LA burst.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	02/08/2019	09.50	02/08/2019	19.55	PO	Erection of CTR injection system.
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	02/08/2019	10.12	02/08/2019	13.13	EO	B-PH C.T stud sparking observed.
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	02/08/2019	10.27	02/08/2019	18.20	PO	Erection of gantry beam for end bay of 220KV Sawangi ckt2.
220/132kv 200MVA ICT-III @ Nanded	IntraState	02/08/2019	10.34	02/08/2019	18.12	PO	LV breaker 19 core unarmoured control cable replacement work.
220/33kv 125 MVA Transformer 5 @Aarey R/S	IntraState	02/08/2019	23.36	03/08/2019	03.19	T	Differential protection.
220/33kv 125 MVA Transformer 5 @Aarey R/S	IntraState	03/08/2019	04.11		Continued.	T	Differential protection

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