

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Aug/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.695	2579.116	1) Gujrat	-16.556	-164.482
2) Hydro	12.526	219.364	2) Madhya Pradesh	-1.899	74.151
3) Gas	6.618	83.973	3) Chattisgarh	2.500	69.130
Total MSPGCL	155.839	2882.453	4) Maharashtra	132.254	2858.073
B) 1) APLM	59.601	1139.215	5) Goa (Amona)	-0.639	-20.242
2) JSWEL	20.481	391.367	Total	115.660	2816.630
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.853	428.348
4) RPL(AMT)	22.987	462.770	b) Mumbai Drawl	22.090	482.873
5) SWPGPL	1.461	96.516	c) MSEDCL Bilateral *	7.170	756.434
6) Other IPP	0.758	113.394	Include PX	-16.179	191.177
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.853	428.348
C) 1) TPCL Thermal	13.810	249.160	Include PX	1.103	172.798
2) TPCL Hydro	5.228	102.259	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.455	188.034	1) MSEDCL	387.468	8147.940
D) STATE			2) Mumbai Discoms	50.583	1034.802
1) Thermal	265.248	5219.572	TOTAL STATE	438.051	9182.742
(A1+C1+C4+(B1-B6))					
2) Hydro	17.754	321.623			
(A2+C2)					
3) Gas	6.618	96.449			
(A3+B7+C3)					
4) Wind	30.349	626.310			
6) SOLAR	2.422	102.158			
TOTAL STATE	322.391	6366.112			

* 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 2 Hrs
MSPGCL Thermal	6353	5512	5761	5477
MSPGCL Hydro	461	343	1270	401
MSPGCL Gas	279	278	269	279
MSPGCL Total Generation	7093	6133	7300	6157
Central Sector Receipt	6021	5581	4974	3410
WIND	1574	1539	786	1265
CPP / IPP Thermal	4734	4143	4516	4452
CPP / IPP Gas	0	0	0	0
SOLAR	230	372	0	0
Exchange with Mumbai	-1329	-1190	-774	-868
MSEDCL DEMAND MET	18323	16578	16802	14416
Load Shedding	0	0	0	0
MSEDCL DEMAND	18323	16578	16802	14416
TPCL GENERATION	750	938	1069	556
AEML GENERATION	342	393	500	286
MUMBAI DEMAND	2421	2521	2343	1710
STATE DEMAND MET	20744	19099	19145	16126
STATE DEMAND	20744	19099	19145	16126
Frequency (Hz)	50.02	49.99	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.02 Hrs	49.84 Hz at 01.19 Hrs	50.01	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 19/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	41.42	140	115
Unit 7	0.00	0.00	0	0
Unit 8	12.35	192.31	567	386
Unit 9	10.22	200.85	469	360
Unit 10	11.72	183.29	540	380
Total	37.38	617.86		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	8.32	187.32	440	280
Unit 5	8.62	186.06	475	280
Total	16.94	399.13		
Parli				
Unit 6	2.47	54.11	200	0
Unit 7	4.74	62.78	248	180
Unit 8	4.91	71.12	216	192
Total	12.12	188.01		
Chandrapur				
Unit 3	1.15	59.50	113	0
Unit 4	2.63	66.84	127	50
Unit 5	7.01	153.67	330	270
Unit 6	6.12	150.42	310	195
Unit 7	6.90	129.86	330	260
Unit 8	8.88	194.09	420	288
Unit 9	8.71	11.20	423	277
Total	41.39	765.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.20	88.64	226	147
Total	4.20	88.64		
Khaparkheda				
Unit 1	1.01	43.46	100	0
Unit 2	2.32	51.64	120	70
Unit 3	3.02	61.07	140	110
Unit 4	2.96	60.92	150	110
Unit 5	9.61	196.01	420	300
Total	18.92	413.09		
Nasik				
Unit 3	2.44	38.68	180	0
Unit 4	3.32	42.40	185	117
Unit 5	0.00	25.72	0	0
Total	5.76	106.80		
Uran				
All Units	6.62	83.97	289	268
Total	6.62	83.97		
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)	0.54	8.62	26	13
Total	0.54	8.62		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.78	46.88	425	40
Stage 4	0.30	1.86	230	0
Stage 3	0.88	16.80	80	0
Total	3.95	65.54		
Hydro				
KDPH	0.43	15.64	36	0
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.48	8.60	40	0
SMLHY_PTN	6.26	112.63	270	257
GHATGHAR	1.40	10.50	250	0
Total	8.57	153.82		
Wind				
Total	30.35	626.31	0	0
Total	30.35	626.31		
CPP				
APML(Mus)	59.60	1139.22	0	0
JSWEL(Mus)	20.48	391.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.99	462.77	0	0
SWPGPL-Mus	1.46	96.52	0	0
Other(Mus)	0.76	113.39	0	0
Total	105.29	2203.26		
SOLAR				
Total	2.42	102.16	0	0
Total	2.42	102.16		
Tata				
Trombay 5	9.39	166.33	482	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	6.95	0	0
Trombay 7B	0.00	5.53	0	0
Trombay 8	4.42	82.83	220	137
TATA Hydro	5.23	102.26	369	0
Total	19.04	363.90		
AEML				
DTPS U-1&2	9.46	188.03	501	284
Total	9.46	188.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.70	2579.12	MSPGCL Total	155.84	2882.45
			MSPGCL Thml+Gas	143.31	2663.09	Koyna 1,2 & 4 Total	3.08	48.74
			MSPGCL Hydro	12.53	219.36	State Total	322.39	6366.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Aug/2021

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	5457	352	269	6078	1348	4451	0	0	3873	4019	-964	14932	0	14932	1822	16754	49.98
2	5477	401	279	6157	1265	4452	0	0	3351	3410	-868	14416	0	14416	1710	16126	49.95
3	5566	353	279	6198	1229	4529	0	0	3566	3593	-834	14715	0	14715	1621	16336	50.01
4	5538	344	279	6161	1253	4268	0	0	3754	3747	-852	14577	0	14577	1567	16144	50.02
5	5629	346	279	6254	1418	4324	0	0	3692	3924	-877	15043	0	15043	1578	16621	50.03
6	5920	346	280	6546	1334	4584	0	0	3877	4108	-894	15678	0	15678	1653	17331	50.01
7	6290	352	279	6921	1379	4715	0	13	4830	4853	-930	16951	0	16951	1725	18676	50.01
8	6252	380	289	6921	1325	4762	0	82	5427	5706	-1065	17731	0	17731	1884	19615	50.02
9	6161	427	269	6857	1399	4780	0	160	5768	6032	-1273	17955	0	17955	2148	20103	50.04
10	6353	461	279	7093	1574	4734	0	230	5866	6021	-1329	18323	0	18323	2421	20744	50.02
11	5909	388	278	6575	1581	4432	0	308	6391	5992	-1313	17575	0	17575	2591	20166	50.00
12	5629	385	269	6283	1599	4413	0	368	5932	5724	-1236	17151	0	17151	2616	19767	50.01
13	5512	343	278	6133	1539	4143	0	372	5659	5581	-1190	16578	0	16578	2521	19099	49.99
14	5230	322	279	5831	1596	3614	0	308	5809	5686	-1162	15873	0	15873	2373	18246	50.03
15	5054	778	268	6100	1545	3643	0	217	5213	5488	-953	16040	0	16040	2371	18411	49.98
16	5427	571	278	6276	1472	3918	0	188	5079	5186	-823	16217	0	16217	2322	18539	50.01
17	5477	627	268	6372	1152	4086	0	118	4871	5099	-827	16000	0	16000	2307	18307	50.02
18	5971	630	279	6880	1046	4389	0	55	4515	5075	-765	16680	0	16680	2303	18983	50.01
19	6047	799	268	7114	853	4445	0	3	4699	4889	-766	16538	0	16538	2321	18859	50.03
20	5761	1270	269	7300	786	4516	0	0	4797	4974	-774	16802	0	16802	2343	19145	50.02
21	5702	861	278	6841	819	4447	0	0	4528	4895	-721	16281	0	16281	2279	18560	50.02
22	5661	892	278	6831	920	4510	0	0	4093	4168	-616	15813	0	15813	2140	17953	50.02
23	5508	526	268	6302	1009	4585	0	0	3949	3758	-563	15091	0	15091	2027	17118	50.01
24	5164	372	279	5815	908	4548	0	0	3630	3732	-495	14508	0	14508	1940	16448	50.01
MUs	136.69	12.53	6.62	155.84	30.35	105.29	0.00	2.42	113.17	115.66	-22.09	387.47	0.00	387.47	50.58	438.05	50.01

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 19/Aug/2021

Position as on 6.30 Hrs of 20/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-3	270	15/07/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
TPC-G	Trombay 7B	60	05/08/2021	22.19		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs from Dt.09/08/2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U4	300	16/07/2021	17.44	19/08/2021	08.42	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	15/08/2021	09.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	17/08/2021	20.06		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	18/08/2021	14.10		Continued.	PA Fan Bearing Vibration.	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
IPP	SWPGPL U-2	135	19/08/2021	10.29		Continued.	ID Fan Vibration.	
MSPGCL	Chandrapur Unit 3	210	19/08/2021	11.01		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	19/08/2021	12.12		Continued.	Flame Failure	
MSPGCL	Nasik Unit 3	210	19/08/2021	18.35		Continued.	Zero schedule	
MSPGCL	Parli Unit 6	250	19/08/2021	18.53		Continued.	Withdrawn on zero scheduled	
MSPGCL	Koradi Unit 6	210	20/08/2021	02.22	20/08/2021	07.43	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 20/Aug/2021

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
N.Koyna-Karad -Ckt II	IntraState	18/08/2021	20.45	19/08/2021	06.47	HT	For Safety Purpose.
N.Koyna-Karad -Ckt I	IntraState	18/08/2021	20.45	19/08/2021	06.43	HT	For Safety Purpose.
Khadka-Aurangabad (Waluj)	IntraState	18/08/2021	20.58	19/08/2021	09.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/08/2021	18.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	18/08/2021	01.54	19/08/2021	05.42	T	Buchholez tripped.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	23/07/2021	08.43		Continued.	PO	To Carry out bunching work.
Kalwa-TIFIL	IntraState	23/07/2021	11.12		Continued.	PO	For Complete Tower erection work at loc no. 75A & 76 (behind M/s Siemens).
Kharghar-Borivali ckt I	IntraState	24/07/2021	08.46		Continued.	PO	Tower Erection & Bunching work
Kalwa - Siemens	IntraState	24/07/2021	18.16		Continued.	PO	Tower Erection & Bunching work
Wadkhali(GIS)-JSW(GIS) II	IntraState	04/08/2021	09.26		Continued.	PO	Outage required for replacement of existing 1200/1A GIS Metering CTs with New 1600/1A GIS CTs.(CB Opened At JSW End On 02/04/2021 At 10:18).
Badnera Tss-Ii	IntraState	16/08/2021	18.16		Continued.	T	R-Ph string decap from gantry at badnera end.
Chakan (400kv)-Volskwagon	IntraState	19/08/2021	09.05	19/08/2021	18.42	PO	For newly charged 220kv chakan ph 2 bay SCADA integration work.
Centuri Enka- Bhosari	IntraState	19/08/2021	10.02	19/08/2021	13.33	PO	Line isolator maintenance work.
Uran - Apta IV	IntraState	19/08/2021	10.02	19/08/2021	14.13	PO	Attending hotspot on bus-T clamp R-ph and Y-ph line isolator
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	19/08/2021	12.11	19/08/2021	17.04	PO	Annual CT testing & maintenance work.
512 Khadki- Century Enka	IntraState	19/08/2021	14.18	19/08/2021	16.46	PO	C.B. Compressor valve replacement work.
Apta - Taloja	IntraState	19/08/2021	17.13		Continued.	T	Distance Protection
Apta - Kalwa1	IntraState	19/08/2021	17.18		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	15/08/2021	01.30		Continued.	PO	Oil Filtration.
220/132 KV 200MVA ICT II @ Girwali	IntraState	19/08/2021	10.38		Continued.	PO	HV C.B Pole Overhauling work.

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