

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Aug/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.126	3877.593	1) Gujrat	-13.267	-256.405
2) Hydro	37.109	368.428	2) Madhya Pradesh	1.607	93.812
3) Gas	6.680	137.886	3) Chattisgarh	3.520	91.050
Total MSPGCL	187.915	4383.907	4) Maharashtra	167.701	4168.129
B) 1) APML	44.262	1638.516	5) Goa (Amona)	-0.710	-27.720
2) JSWEL	26.557	605.935	Total	158.851	4068.866
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.737	612.939
4) RPL(AMT)	25.688	685.638	b) Mumbai Drawl	20.237	692.230
5) SWPGPL	2.819	129.202	c) MSEDCL Bilateral *	26.136	956.570
6) Other IPP	1.201	122.129	Include PX	1.372	163.208
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.737	612.939
C) 1) TPCL Thermal	15.896	371.646	Include PX	0.236	204.810
2) TPCL Hydro	8.082	160.854	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.849	282.341	1) MSEDCL	442.779	11854.195
D) STATE			2) Mumbai Discoms	56.064	1519.545
1) Thermal	272.398	7713.000	TOTAL STATE	498.843	13373.740
(A1+C1+C4+(B1-B6))					
2) Hydro	45.191	529.282			
(A2+C2)					
3) Gas	6.680	150.362			
(A3+B7+C3)					
4) Wind	10.242	754.930			
6) SOLAR	5.481	157.302			
TOTAL STATE	339.992	9304.876			

* 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 3 Hrs
MSPGCL Thermal	6058	6052	5941	6013
MSPGCL Hydro	2153	1834	2363	315
MSPGCL Gas	284	270	291	286
MSPGCL Total Generation	8495	8156	8595	6614
Central Sector Receipt	7549	7404	6363	5771
WIND	162	154	692	306
CPP / IPP Thermal	4047	4053	4054	4710
CPP / IPP Gas	0	0	0	0
SOLAR	588	732	0	0
Exchange with Mumbai	-972	-1048	-945	-579
MSEDCL DEMAND MET	19869	19451	18759	16822
Load Shedding	0	0	0	0
MSEDCL DEMAND	19869	19451	18759	16822
TPCL GENERATION	1030	1145	1128	838
AEML GENERATION	500	501	501	501
MUMBAI DEMAND	2502	2694	2574	1918
STATE DEMAND MET	22371	22145	21333	18740
STATE DEMAND	22371	22145	21333	18740
Frequency (Hz)	49.98	50.02	49.86	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.01 Hrs	49.68 Hz at 19.22 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 28/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	72.87	180	150
Unit 7	0.00	0.00	0	0
Unit 8	12.75	303.70	565	476
Unit 9	11.04	263.99	500	395
Unit 10	11.45	289.83	530	420
Total	39.06	930.39		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	10.39	273.12	450	405
Unit 5	10.54	273.60	460	405
Total	20.92	572.48		
Parli				
Unit 6	0.00	80.77	0	0
Unit 7	5.75	109.35	249	221
Unit 8	4.51	113.42	197	174
Total	10.26	303.55		
Chandrapur				
Unit 3	2.98	77.81	138	103
Unit 4	3.21	95.45	150	110
Unit 5	8.61	221.40	380	350
Unit 6	8.26	215.57	375	285
Unit 7	8.26	199.10	360	325
Unit 8	9.46	278.81	445	354
Unit 9	0.00	82.92	0	0
Total	40.79	1171.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.81	128.46	220	131
Total	4.81	128.46		
Khaparkheda				
Unit 1	3.10	65.52	150	105
Unit 2	3.20	77.85	150	120
Unit 3	4.20	95.85	195	150
Unit 4	3.62	95.32	180	0
Unit 5	9.62	283.42	425	360
Total	23.75	617.95		
Nasik				
Unit 3	0.00	50.88	0	0
Unit 4	4.54	77.08	200	173
Unit 5	0.00	25.72	0	0
Total	4.54	153.68		
Uran				
All Units	6.68	137.89	296	269
Total	6.68	137.89		
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)	0.59	12.88	25	23
Total	0.59	12.88		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.50	78.76	505	45
Stage 4	17.67	40.64	1017	0
Stage 3	5.27	33.09	320	0
Total	29.45	152.50		
Hydro				
KDPH	0.00	15.64	0	0
VTRNA	0.00	0.60	0	0
TILLARI	0.00	6.22	0	0
BHIRA T.R.	0.44	12.62	40	0
SMLHY_PTN	6.01	165.67	260	243
GHATGHAR	1.20	15.18	250	0
Total	7.66	215.93		
Wind				
Total	10.24	754.93	0	0
Total	10.24	754.93		
CPP				
APML(Mus)	44.26	1638.52	0	0
JSWEL(Mus)	26.56	605.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.69	685.64	0	0
SWPGPL-Mus	2.82	129.20	0	0
Other(Mus)	1.20	122.13	0	0
Total	100.53	3181.42		
SOLAR				
Total	5.48	157.30	0	0
Total	5.48	157.30		
Tata				
Trombay 5	10.78	248.08	481	280
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	5.12	123.56	221	162
TATA Hydro	8.08	160.85	459	189
Total	23.98	544.98		
AEML				
DTPS U-1&2	11.85	282.34	501	428
Total	11.85	282.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.13	3877.59	MSPGCL Total	187.92	4383.91
			MSPGCL Thml+Gas	150.81	4015.48	Koyna 1,2 & 4 Total	24.18	119.41
			MSPGCL Hydro	37.11	368.43	State Total	339.99	9304.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Aug/2021

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	6001	506	286	6793	405	4788	0	0	5942	5953	-738	17201	0	17201	2183	19384	49.99
2	6016	401	286	6703	412	4746	0	0	5871	5899	-611	17149	0	17149	2037	19186	50.01
3	6013	315	286	6614	306	4710	0	0	5848	5771	-579	16822	0	16822	1918	18740	50.01
4	6058	301	296	6655	386	4649	0	0	5811	6237	-757	17170	0	17170	1828	18998	50.02
5	6052	633	276	6961	416	4377	0	0	5804	6015	-607	17162	0	17162	1836	18998	49.99
6	6041	1374	286	7701	507	4072	0	0	5956	6284	-522	18042	0	18042	1898	19940	50.01
7	6113	1859	276	8248	446	4024	0	21	6692	7059	-535	19263	0	19263	1931	21194	49.99
8	6111	2193	286	8590	265	4042	0	148	6967	7274	-662	19656	0	19656	2045	21702	50.01
9	6088	2110	285	8483	190	4027	0	399	7151	7251	-833	19517	0	19517	2250	21767	49.97
10	6058	2153	284	8495	162	4047	0	588	7114	7549	-972	19869	0	19869	2502	22371	49.98
11	6024	2083	272	8379	153	4030	0	683	7143	7488	-1061	19672	0	19672	2683	22355	50.00
12	6065	1880	271	8216	138	4046	0	674	7194	7621	-1077	19618	0	19618	2733	22351	49.99
13	6052	1834	270	8156	154	4053	0	732	7151	7404	-1048	19451	0	19451	2694	22145	50.02
14	6036	1580	271	7887	228	4028	0	733	7069	7295	-1002	19169	0	19169	2578	21747	50.02
15	5908	1738	269	7915	315	4016	0	618	7014	7282	-1045	19101	0	19101	2600	21701	50.00
16	5919	1968	271	8158	427	4051	0	473	6956	7219	-1042	19286	0	19286	2610	21896	50.04
17	5919	2085	271	8275	570	4048	0	284	6618	6848	-1032	18993	0	18993	2596	21589	50.00
18	5956	1621	271	7848	859	4042	0	112	6315	6530	-936	18455	0	18455	2546	21001	50.02
19	5925	1823	272	8020	773	4011	0	16	5908	6106	-894	18032	0	18032	2513	20545	49.92
20	5941	2363	291	8595	692	4054	0	0	6119	6363	-945	18759	0	18759	2574	21333	49.86
21	5944	1976	273	8193	606	4173	0	0	5861	5868	-879	17961	0	17961	2502	20463	49.90
22	6021	1786	273	8080	591	4182	0	0	5629	5798	-816	17835	0	17835	2401	20236	49.93
23	5882	1640	284	7806	619	4134	0	0	5557	5526	-799	17286	0	17286	2317	19603	49.96
24	5983	887	274	7144	622	4175	0	0	6015	6211	-845	17307	0	17307	2289	19596	49.99
MUs	144.13	37.11	6.68	187.91	10.24	100.53	0.00	5.48	153.71	158.85	-20.24	442.78	0.00	442.78	56.06	498.84	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 28/Aug/2021

Position as on 6.30 Hrs of 29/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	29/08/2021	05.52	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)	
IPP	Adani U-1	660	25/08/2021	00.06		Continued.	Annual Overhaul	
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	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	29/08/2021	00.05	Zero Schedule By MSEDCL	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
IPP	SWPGPL U-2	135	25/08/2021	13.00		Continued.	PA Fan Vibration Problem	
MSPGCL	Uran Unit 5	108	26/08/2021	01.55	29/08/2021	16.20	Generator vibration abnormal.	
MSPGCL	Nasik Unit 3	210	26/08/2021	19.44		Continued.	Loss of fuel	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	27/08/2021	07.28		Continued.	Generator Exciter Shaft vibration high	
IPP	Adani U-2	660	28/08/2021	05.22		Continued.	Guide Bearing Abnormal Sound	
MSPGCL	Koyna Unit 9	80	28/08/2021	12.05	28/08/2021	16.10	Distance Protection	
MSPGCL	Khaparkheda Unit 4	210	28/08/2021	21.59	29/08/2021	00.23	Furnace Pressure High	
MSPGCL	Bhusawal Unit 4	500	29/08/2021	06.34		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	29/08/2021	19.45	29/08/2021	23.15	DPU change over.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 29/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
Koradi 2-IEPL	IntraState	21/08/2021	15.46		Continued.	PO	Erection of 3 New Towers
Khadka-Aurangabad (Waluj)	IntraState	27/08/2021	22.43	28/08/2021	07.52	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	28/08/2021	08.23	28/08/2021	18.58	PO	Replacement of polymer insulator under LE scheme.
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	28/08/2021	10.22	28/08/2021	19.21	PO	Outage require for annual maintenance work.
N.Koyna-Karad -Ckt I	IntraState	29/08/2021	08.48	29/08/2021	19.06	PO	Replacement of Polymer insulators under LE scheme
400 KV ICT Outages/Trippings							
400/220 KV 300 MVA ICT- I @Koradi	IntraState	28/08/2021	09.40	28/08/2021	17.34	PO	Routine diagnostic testing work, Bushing tan delta, winding tan delta etc.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	28/08/2021	10.20	28/08/2021	15.28	T	Tripped On Monkey Fault.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	28/08/2021	10.40	28/08/2021	12.40	T	Tripped On Monkey Fault.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	28/08/2021	17.50	28/08/2021	20.15	T	A bus operated due to 25MVA T/F -1 R-phase CT burst.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	28/08/2021	17.50	28/08/2021	18.45	T	A Bus Operated Due To 25MVA T/F-I R-Phase CT Brust.
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)
PARLY (PG) - OLD GCR PARLI	InterState	28/08/2021	11.05	28/08/2021	17.53	PO	Line terminal AMP works at parli-PG end.
PARLY (PG) - OSMANABAD	InterState	28/08/2021	16.59	28/08/2021	20.19	EO	Hot spot on Y-phase wavetrap jumper.
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
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
Kalwa Salsette III	IntraState	28/08/2021	06.11	28/08/2021	09.29	PO	Emergency tree trimming
BHUGAON WARORA CKT-II	IntraState	28/08/2021	11.00	28/08/2021	14.18	EO	Attending Hot Spot
Talegaon (Ambi)-General Motors	IntraState	28/08/2021	14.08	28/08/2021	19.24	T	Distance Protection
Nagothane - Ipcl	IntraState	28/08/2021	17.50	28/08/2021	19.35	T	A bus operated due to 25MVA T/F -1 R-phase CT burst.
Nagothane - Posco	IntraState	28/08/2021	17.50	28/08/2021	19.24	T	A bus operated due to 25MVA T/F -1 R-phase CT burst.
Nagothane-Wadkhal-I	IntraState	28/08/2021	17.50	28/08/2021	18.51	T	A bus operated due to 25MVA T/F -1 R-phase CT burst.
Nagothane - MSL	IntraState	28/08/2021	17.50	28/08/2021	18.55	T	A bus operated due to 25MVA T/F -1 R-phase CT burst.
Padghe - Nalasopara	IntraState	29/08/2021	10.10	29/08/2021	12.20	EO	Attending Hot Spot
Trombay-Salsette II	IntraState	29/08/2021	21.47	29/08/2021	23.14	PO	Safety purpose.
220 KV ICT Outages/Trippings							
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	28/08/2021	10.02	28/08/2021	16.50	PO	Replacement of OSR & oil.
220/132KV 100MVA ICT-II@Belwandi	IntraState	28/08/2021	15.43	28/08/2021	18.43	PO	Attending oil leakage from ICT by gasket strengthening method.

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