

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Aug/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.025	4011.618	1) Gujrat	-12.376	-268.781
2) Hydro	20.726	389.154	2) Madhya Pradesh	1.123	94.935
3) Gas	7.551	145.437	3) Chattisgarh	4.150	95.200
Total MSPGCL	162.302	4546.209	4) Maharashtra	168.683	4336.812
B) 1) APML	41.638	1680.154	5) Goa (Amona)	-0.324	-28.044
2) JSWEL	24.548	630.483	Total	161.256	4230.122
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.291	632.231
4) RPL(AMT)	29.490	715.128	b) Mumbai Drawl	17.561	709.791
5) SWPGPL	2.822	132.024	c) MSEDCL Bilateral *	35.404	991.975
6) Other IPP	1.235	123.364	Include PX	10.777	173.984
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.291	632.231
C) 1) TPCL Thermal	16.078	387.724	Include PX	3.106	207.915
2) TPCL Hydro	5.872	166.726	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.780	294.121	1) MSEDCL	424.318	12278.513
D) STATE			2) Mumbai Discoms	51.291	1570.836
1) Thermal	261.616	7974.616	TOTAL STATE	475.609	13849.349
(A1+C1+C4+(B1-B6))					
2) Hydro	26.598	555.880			
(A2+C2)					
3) Gas	7.551	157.913			
(A3+B7+C3)					
4) Wind	12.412	767.342			
6) SOLAR	6.176	163.478			
TOTAL STATE	314.353	9619.229			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5319	5343	5643	5300
MSPGCL Hydro	668	695	1560	546
MSPGCL Gas	272	262	411	425
MSPGCL Total Generation	6259	6300	7614	6271
Central Sector Receipt	8307	8295	5778	5543
WIND	433	338	711	649
CPP / IPP Thermal	3948	3948	4275	4262
CPP / IPP Gas	0	0	0	0
SOLAR	805	791	0	0
Exchange with Mumbai	-865	-943	-655	-769
MSEDCL DEMAND MET	18887	18729	17723	15956
Load Shedding	0	0	0	0
MSEDCL DEMAND	18887	18729	17723	15956
TPCL GENERATION	967	870	1134	972
AEML GENERATION	484	480	499	498
MUMBAI DEMAND	2316	2293	2288	2239
STATE DEMAND MET	21203	21022	20011	18195
STATE DEMAND	21203	21022	20011	18195
Frequency (Hz)	50.00	50.02	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16.01 Hrs	49.8 Hz at 00.07 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 29/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.10	75.97	175	80
Unit 7	0.00	0.00	0	0
Unit 8	10.41	314.11	561	288
Unit 9	9.78	273.76	490	315
Unit 10	10.11	299.94	485	345
Total	33.39	963.78		
Bhusawal				
Unit 3	3.43	29.18	180	15
Unit 4	2.72	275.85	430	0
Unit 5	10.57	284.18	485	415
Total	16.72	589.20		
Parli				
Unit 6	0.00	80.77	0	0
Unit 7	5.85	115.20	248	241
Unit 8	4.71	118.14	207	185
Total	10.56	314.11		
Chandrapur				
Unit 3	3.19	81.00	136	110
Unit 4	3.17	98.63	142	124
Unit 5	8.50	229.90	365	320
Unit 6	8.33	223.90	350	332
Unit 7	8.24	207.34	365	304
Unit 8	8.44	287.25	460	0
Unit 9	0.00	82.92	0	0
Total	39.86	1210.94		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.90	133.36	217	176
Total	4.90	133.36		
Khaparkheda				
Unit 1	3.08	68.60	150	95
Unit 2	3.40	81.24	155	110
Unit 3	4.16	100.00	195	150
Unit 4	3.64	98.96	171	50
Unit 5	9.83	293.24	420	390
Total	24.10	642.05		
Nasik				
Unit 3	0.00	50.88	0	0
Unit 4	4.49	81.57	195	165
Unit 5	0.00	25.72	0	0
Total	4.49	158.17		
Uran				
All Units	7.55	145.44	433	262
Total	7.55	145.44		
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)	0.41	13.30	29	0
Total	0.41	13.30		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.06	84.82	470	40
Stage 4	5.10	45.74	903	0
Stage 3	2.69	35.79	240	0
Total	13.85	166.35		
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.	0.38	13.00	40	0
SMLHY_PTN	5.98	171.66	262	235
GHATGHAR	0.51	15.69	220	0
Total	6.88	222.80		
Wind				
Total	12.41	767.34	0	0
Total	12.41	767.34		
CPP				
APML(Mus)	41.64	1680.15	0	0
JSWEL(Mus)	24.55	630.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.49	715.13	0	0
SWPGPL-Mus	2.82	132.02	0	0
Other(Mus)	1.24	123.36	0	0
Total	99.73	3281.15		
SOLAR				
Total	6.18	163.48	0	0
Total	6.18	163.48		
Tata				
Trombay 5	11.10	259.18	480	424
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	4.98	128.55	216	179
TATA Hydro	5.87	166.73	441	152
Total	21.95	566.93		
AEMIL				
DTPS U-1&2	11.78	294.12	501	479
Total	11.78	294.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.02	4011.62	MSPGCL Total	162.30	4546.21
			MSPGCL Thml+Gas	141.58	4157.06	Koyna 1,2 & 4 Total	11.16	130.56
			MSPGCL Hydro	20.73	389.15	State Total	314.35	9619.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	6020	636	285	6941	617	4180	0	0	6090	5798	-806	16730	0	16730	2227	18957	49.97
2	6033	368	276	6677	531	4200	0	0	6003	6236	-711	16933	0	16933	2081	19014	50.01
3	5953	453	296	6702	407	4200	0	0	5923	6024	-623	16710	0	16710	1962	18672	49.99
4	5935	567	276	6778	433	4166	0	0	5825	5825	-572	16630	0	16630	1889	18519	50.00
5	5948	637	286	6871	521	4159	0	0	5817	5825	-509	16867	0	16867	1879	18746	50.01
6	5872	1087	286	7245	469	4181	0	0	6081	5979	-553	17321	0	17321	1924	19245	50.02
7	5704	1826	276	7806	415	4193	0	21	6714	6752	-560	18627	0	18627	1910	20537	49.99
8	5435	1917	286	7638	327	4210	0	179	7048	7030	-623	18761	0	18761	1956	20717	50.00
9	5283	1518	276	7077	407	4271	0	469	7329	7440	-741	18923	0	18923	2058	20981	50.03
10	5320	1438	305	7063	410	4067	0	742	7332	7437	-787	18932	0	18932	2192	21124	50.02
11	5307	735	273	6315	404	3991	0	914	8156	7841	-798	18667	0	18667	2287	20954	50.01
12	5319	668	272	6259	433	3948	0	805	8192	8307	-865	18887	0	18887	2316	21203	50.00
13	5343	695	262	6300	338	3948	0	791	8055	8295	-943	18729	0	18729	2293	21022	50.02
14	5384	764	271	6419	315	3924	0	735	8034	7740	-918	18215	0	18215	2222	20437	50.00
15	5513	704	270	6487	449	3960	0	634	7917	7933	-887	18576	0	18576	2194	20770	50.01
16	5689	345	280	6314	515	4013	0	474	8055	7799	-840	18275	0	18275	2163	20438	50.04
17	5672	278	286	6236	566	4231	0	272	7352	7385	-813	17877	0	17877	2122	19999	50.04
18	5696	295	332	6323	599	4282	0	132	6864	6821	-760	17397	0	17397	2106	19503	50.01
19	5759	936	342	7037	721	4274	0	8	6277	6047	-695	17392	0	17392	2170	19562	50.02
20	5643	1560	411	7614	711	4275	0	0	5909	5778	-655	17723	0	17723	2288	20011	50.00
21	5301	1168	421	6890	794	4278	0	0	5725	5855	-687	17130	0	17130	2292	19422	50.02
22	5294	999	425	6718	736	4271	0	0	5679	5638	-694	16669	0	16669	2279	18948	50.04
23	5302	586	433	6321	645	4247	0	0	5751	5928	-752	16389	0	16389	2242	18631	50.01
24	5300	546	425	6271	649	4262	0	0	5779	5543	-769	15956	0	15956	2239	18195	50.03
MUs	134.02	20.73	7.55	162.30	12.41	99.73	0.00	6.18	161.91	161.26	-17.56	424.32	0.00	424.32	51.29	475.61	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 29/Aug/2021

Position as on 6.30 Hrs of 30/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	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 29/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 30/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
N.Koyna-Karad -Ckt I	IntraState	29/08/2021	08.48	29/08/2021	19.06	PO	Replacement of Polymer insulators under LE scheme
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
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
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.

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