

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Aug/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.590	1535.090	1) Gujrat	-7.304	-92.620
2) Hydro	14.572	141.685	2) Madhya Pradesh	5.309	66.877
3) Gas	2.426	52.620	3) Chattisgarh	3.710	49.880
Total MSPGCL	183.588	1729.395	4) Maharashtra	169.169	1793.971
B) 1) APML	53.461	703.628	5) Goa (Amona)	-1.197	-15.530
2) JSWEL	20.655	249.314	Total	169.687	1802.578
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.132	284.739
4) RPL(AMT)	25.591	291.035	b) Mumbai Drawl	22.408	304.277
5) SWPGPL	6.444	59.940	c) MSEDCL Bilateral *	52.135	516.209
6) Other IPP	6.886	76.728	Include PX	20.146	153.676
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.132	284.739
C) 1) TPCL Thermal	16.637	163.940	Include PX	6.576	127.092
2) TPCL Hydro	6.496	62.923	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.030	124.651	1) MSEDCL	471.538	5138.194
D) STATE			2) Mumbai Discoms	57.571	668.267
1) Thermal	308.294	3204.326	TOTAL STATE	529.109	5806.461
(A1+C1+C4+(B1-B6))					
2) Hydro	21.068	204.608			
(A2+C2)					
3) Gas	2.426	65.096			
(A3+B7+C3)					
4) Wind	20.855	458.757			
6) SOLAR	6.779	71.096			
TOTAL STATE	359.422	4003.883			

* 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 4 Hrs
MSPGCL Thermal	7079	7157	6966	6652
MSPGCL Hydro	608	461	1091	494
MSPGCL Gas	95	105	105	104
MSPGCL Total Generation	7782	7723	8162	7250
Central Sector Receipt	8462	8470	6027	6173
WIND	888	822	868	837
CPP / IPP Thermal	4722	4668	4751	4709
CPP / IPP Gas	0	0	0	0
SOLAR	895	917	0	0
Exchange with Mumbai	-1312	-1288	-900	-671
MSEDCL DEMAND MET	21437	21312	18908	18298
Load Shedding	0	0	0	0
MSEDCL DEMAND	21437	21312	18908	18298
TPCL GENERATION	1054	1038	1161	692
AEML GENERATION	500	501	502	502
MUMBAI DEMAND	2866	2827	2563	1865
STATE DEMAND MET	24303	24139	21471	20163
STATE DEMAND	24303	24139	21471	20163
Frequency (Hz)	50.04	50.02	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 15.02 Hrs	49.82 Hz at 22.10 Hrs	50	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 12/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.52	18.28	175	100
Unit 7	0.00	0.00	0	0
Unit 8	13.83	105.50	622	533
Unit 9	11.60	127.98	520	442
Unit 10	12.82	101.18	550	505
Total	41.77	352.95		
Bhusawal				
Unit 3	4.23	17.57	180	165
Unit 4	10.77	119.74	475	420
Unit 5	10.70	117.57	475	350
Total	25.70	254.88		
Parli				
Unit 6	5.13	24.77	248	170
Unit 7	5.83	27.56	248	234
Unit 8	4.80	37.01	213	187
Total	15.77	89.34		
Chandrapur				
Unit 3	3.42	39.54	148	133
Unit 4	3.92	43.52	175	143
Unit 5	8.77	98.63	385	340
Unit 6	8.90	96.04	393	335
Unit 7	8.50	75.23	400	300
Unit 8	9.94	121.62	447	380
Unit 9	0.00	0.00	0	0
Total	43.44	474.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.52	56.84	240	181
Total	5.52	56.84		
Khaparkheda				
Unit 1	3.16	24.58	160	100
Unit 2	3.47	29.90	170	100
Unit 3	4.05	34.44	202	110
Unit 4	4.08	34.76	210	120
Unit 5	11.49	124.67	500	440
Total	26.25	248.36		
Nasik				
Unit 3	3.91	15.11	183	147
Unit 4	4.24	17.31	195	141
Unit 5	0.00	25.72	0	0
Total	8.15	58.14		
Uran				
All Units	2.43	52.62	105	94
Total	2.43	52.62		
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)	0.58	4.73	25	24
Total	0.58	4.73		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.27	31.79	500	40
Stage 4	0.00	0.00	0	0
Stage 3	1.12	11.21	148	0
Total	6.39	43.00		
Hydro				
KDPH	0.86	10.02	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.44	6.17	58	0
BHIRA T.R.	0.54	5.30	40	0
SMLHY_PTN	6.01	71.14	262	240
GHATGHAR	0.33	6.06	225	0
Total	8.18	98.69		
Wind				
Total	20.86	458.76	0	0
Total	20.86	458.76		
CPP				
APML(Mus)	53.46	703.63	0	0
JSWEL(Mus)	20.66	249.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.59	291.04	0	0
SWPGPL-Mus	6.44	59.94	0	0
Other(Mus)	6.89	76.73	0	0
Total	113.04	1380.64		
SOLAR				
Total	6.78	71.10	0	0
Total	6.78	71.10		
Tata				
Trombay 5	11.36	109.51	483	430
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	5.28	54.43	223	217
TATA Hydro	6.50	62.92	458	0
Total	23.13	239.34		
AEMIL				
DTPS U-1&2	12.03	124.65	503	500
Total	12.03	124.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.59	1535.09	MSPGCL Total	183.59	1729.40
			MSPGCL Thml+Gas	169.02	1587.71	Koyna 1,2 & 4 Total	5.27	31.79
			MSPGCL Hydro	14.57	141.68	State Total	359.42	4003.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	6670	935	105	7710	806	4805	0	0	5378	5793	-786	18328	0	18328	2219	20547	49.98
2	6730	797	105	7632	853	4771	0	0	5289	5804	-705	18355	0	18355	2072	20427	50.00
3	6729	486	95	7310	928	4745	0	0	5828	6117	-731	18369	0	18369	1931	20300	49.99
4	6652	494	104	7250	837	4709	0	0	5855	6173	-671	18298	0	18298	1865	20163	50.00
5	6668	474	95	7237	984	4675	0	0	6158	6560	-635	18821	0	18821	1833	20654	49.99
6	6709	698	105	7512	1042	4631	0	0	6736	6953	-579	19559	0	19559	1895	21454	49.96
7	6765	775	95	7635	797	4597	0	38	7427	7693	-606	20154	0	20154	1948	22102	50.00
8	6849	688	105	7642	647	4648	0	236	7744	8061	-768	20466	0	20466	2113	22579	50.01
9	7024	513	105	7642	697	4620	0	526	7899	8228	-980	20733	0	20733	2381	23114	50.02
10	7096	510	95	7701	838	4635	0	747	8008	8307	-1120	21108	0	21108	2631	23739	49.99
11	7079	631	104	7814	856	4638	0	917	7978	8300	-1275	21250	0	21250	2798	24048	49.99
12	7079	608	95	7782	888	4722	0	895	8188	8462	-1312	21437	0	21437	2866	24303	50.04
13	7157	461	105	7723	822	4668	0	917	7993	8470	-1288	21312	0	21312	2827	24139	50.02
14	7169	438	105	7712	832	4722	0	836	7755	7856	-1167	20791	0	20791	2708	23499	50.03
15	7199	406	95	7700	825	4726	0	681	7839	8080	-1200	20812	0	20812	2738	23550	50.01
16	7149	413	104	7666	1059	4706	0	536	8089	8196	-1223	20940	0	20940	2747	23687	50.05
17	7059	343	105	7507	1207	4738	0	281	7872	7915	-1169	20479	0	20479	2723	23202	50.01
18	6964	338	95	7397	1036	4757	0	139	7077	7098	-1078	19349	0	19349	2667	22016	50.03
19	6963	536	105	7604	1022	4688	0	30	6130	6406	-951	18799	0	18799	2569	21368	50.02
20	6966	1091	105	8162	868	4751	0	0	6020	6027	-900	18908	0	18908	2563	21471	49.96
21	7034	828	94	7956	862	4779	0	0	5626	5774	-833	18538	0	18538	2481	21019	49.97
22	6967	692	105	7764	784	4754	0	0	5581	5916	-810	18408	0	18408	2385	20793	49.97
23	6994	773	95	7862	661	4769	0	0	5607	5784	-819	18257	0	18257	2331	20588	49.98
24	6919	644	105	7668	704	4783	0	0	5631	5714	-802	18067	0	18067	2280	20347	50.02
MUs	166.59	14.57	2.43	183.59	20.85	113.04	0.00	6.78	163.71	169.69	-22.41	471.54	0.00	471.54	57.57	529.11	50.00

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 12/Aug/2021

Position as on 6.30 Hrs of 13/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	Chandrapur Unit 9	500	15/07/2021	02.00		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 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)	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18	13/08/2021	17.25	Gas shortage	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	11/08/2021	03.46	13/08/2021	20.01	Main Steam Line Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 13/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
400 KV Main Bus II @ Aurangabad (Ektuni)	IntraState	13/08/2021	12.32	13/08/2021	18.00	EO	160 deg hotspot on 412 89B R ph (bus side) of 400kv main bus 2 also the iso stud along with jump is tilted so the female isolator arm required urgent replacement.
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
Ektuni-Bableshwar ckt I	IntraState	12/08/2021	10.50	12/08/2021	18.40	PO	Isolator Modification & Alignment work by OEM.
Akola-Nandgaonpeth (RPL)	IntraState	12/08/2021	11.01	12/08/2021	15.33	PO	Conductor damaged of 400 kv Akola-Nandgaonpeth line in span 32-33 of R phase. Spacers cum vibration damper broken. Immediate work to be done for Healthiness of line.
Koradi-RattanIndia	IntraState	13/08/2021	14.16	13/08/2021	19.40	T	Distance Protection
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.
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)
Butibori 3-Butibori 1	InterState	13/08/2021	12.51	13/08/2021	14.50	PO	Replacement of RPH bus I isolator to bus ii isolator t jumper.
Mahad - Pedambe	IntraState	22/07/2021	19.35		Continued.	T	Distance Protection
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37		Continued.	T	Distance Protection
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
Miraj - ICHALKARANJI - II (TILWANI)	IntraState	28/07/2021	08.19		Continued.	T	Tower collapsed at loc no.27.
Wadkhal(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).
khaparkheda-Khaparkheda(new)-I	IntraState	11/08/2021	08.43	12/08/2021	22.43	PO	Reorientation work.
Pusad-WardhaPG(Deoli)	IntraState	12/08/2021	07.21	12/08/2021	11.25	PO	Routine Maintenance Work
Kolhapur-Bidri	IntraState	12/08/2021	10.06	12/08/2021	13.02	PO	For CB Timing, CRM & Tan delta testing.
Kandalgaon - ONGC Panvel	IntraState	12/08/2021	12.23	12/08/2021	17.35	EO	Repairing of bottom phase damage conductor between Loc.517 and 518
Lamboti - Pandharpur li	IntraState	13/08/2021	03.00	13/08/2021	03.20	T	Distance Protection
Kalwa - Colourchem	IntraState	13/08/2021	09.03	13/08/2021	21.26	PO	Carry out complete monopole erection work at tower loc no. 04 (behind RBL premises).
Warora - Wardha	IntraState	13/08/2021	10.21	13/08/2021	14.24	PO	1. Tan delta & cap measurement of cts & ccs. 2. timing, crm & ir measurement of

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 12/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 13/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							cb 3. routine bay maintenance work.
Sawantwadi-Bidri	IntraState	13/08/2021	10.25	13/08/2021	14.05	PO	CB timing, CRM & tan delta.
PAL DOMBIVALI - PALAVA	IntraState	13/08/2021	10.45	13/08/2021	15.09	PO	Replacement of 02 Nos. of damaged conductors of 220kV Padghe line Bay.
Kolshet-Roma	IntraState	13/08/2021	11.21		Continued.	PO	Outage required for safety purpose for : Pilling work by Rig machine between pilling points no. P117 and P118 near Patlipada flyover under MMRDA project (Reliance Astaldi).
Koradi-Ambazari-li	IntraState	13/08/2021	12.29	13/08/2021	15.44	PO	Replacement of faulty distance relay.
Kharepatan -Pawas Line	IntraState	13/08/2021	14.00	13/08/2021	19.39	T	Distance Protection
Kharghar - Nerul	IntraState	13/08/2021	14.20	13/08/2021	17.20	PO	Attend hotspot on R&B-ph CT of 220kV Nerul line.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	12/08/2021	08.53	12/08/2021	17.45	PO	Replacement of HV R-Ph Bushing & Testing Work.
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	12/08/2021	10.11	12/08/2021	11.16	PO	Attending Hot Spot
220/132 Kv 200 Mva Ict - 1 @Harangul	IntraState	12/08/2021	10.34	12/08/2021	15.05	PO	Back Up Relay Retrofitting Work.
220/132KV 100MVA -1@Alephata	IntraState	12/08/2021	11.07	12/08/2021	22.12	PO	Rectification of problem in Tap Changer mechanism.
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	12/08/2021	11.22	12/08/2021	18.04	PO	OSR Replacement Work.
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	12/08/2021	15.10	12/08/2021	17.34	PO	Back Up Relay Retrofitting Work.
220/132kv 115mva Bhel Ptr 3 @Lonand	IntraState	13/08/2021	09.12	13/08/2021	14.49	PO	1. Quarterly maintenance work 2. Diagnostic testing work.
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	13/08/2021	10.29	13/08/2021	18.08	PO	Overhauling of HV CB.
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	13/08/2021	10.47	13/08/2021	14.42	PO	DFR test by TCC Vashi.

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