

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	163.607	1368.500	1) Gujrat	-6.352	-85.316
2) Hydro	16.718	127.113	2) Madhya Pradesh	6.147	61.568
3) Gas	2.634	50.194	3) Chattisgarh	3.800	46.170
Total MSPGCL	182.959	1545.807	4) Maharashtra	167.232	1624.802
B) 1) APML	55.516	650.167	5) Goa (Amona)	-1.073	-14.333
2) JSWEL	20.887	228.659	Total	169.754	1632.891
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.293	261.607
4) RPL(AMT)	25.546	265.444	b) Mumbai Drawl	24.449	281.869
5) SWPGPL	6.308	53.496	c) MSEDCL Bilateral *	54.967	464.075
6) Other IPP	6.890	69.842	Include PX	23.135	133.530
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.293	261.607
C) 1) TPCL Thermal	15.353	147.303	Include PX	7.932	120.516
2) TPCL Hydro	6.569	56.427	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.696	112.621	1) MSEDCL	469.075	4666.656
D) STATE			2) Mumbai Discoms	58.067	610.696
1) Thermal	305.803	2896.032	TOTAL STATE	527.142	5277.352
(A1+C1+C4+(B1-B6))					
2) Hydro	23.287	183.540			
(A2+C2)					
3) Gas	2.634	62.670			
(A3+B7+C3)					
4) Wind	18.846	437.902			
6) SOLAR	6.818	64.317			
TOTAL STATE	357.388	3644.461			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7046	6720	6792	7059
MSPGCL Hydro	502	528	1203	379
MSPGCL Gas	138	95	105	110
MSPGCL Total Generation	7686	7343	8100	7548
Central Sector Receipt	8251	8500	6848	5545
WIND	749	923	595	939
CPP / IPP Thermal	4735	4600	4751	4968
CPP / IPP Gas	0	0	0	0
SOLAR	756	733	0	0
Exchange with Mumbai	-1140	-1246	-964	-1072
MSEDCL DEMAND MET	21037	20853	19330	17928
Load Shedding	0	0	0	0
MSEDCL DEMAND	21037	20853	19330	17928
TPCL GENERATION	1020	1026	1104	419
AEML GENERATION	502	501	500	363
MUMBAI DEMAND	2662	2773	2568	1854
STATE DEMAND MET	23699	23626	21898	19782
STATE DEMAND	23699	23626	21898	19782
Frequency (Hz)	50.04	49.95	49.84	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 11.02 Hrs	49.73 Hz at 19.38 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 11/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.37	14.77	160	110
Unit 7	0.00	0.00	0	0
Unit 8	12.93	91.67	626	449
Unit 9	11.84	116.38	542	440
Unit 10	12.79	88.36	555	505
Total	40.92	311.18		
Bhusawal				
Unit 3	3.94	13.34	180	125
Unit 4	10.45	108.96	495	285
Unit 5	10.12	106.88	490	290
Total	24.51	229.18		
Parli				
Unit 6	5.14	19.63	237	175
Unit 7	5.50	21.73	245	194
Unit 8	4.82	32.21	213	188
Total	15.47	73.57		
Chandrapur				
Unit 3	3.49	36.12	148	144
Unit 4	3.97	39.60	169	145
Unit 5	8.98	89.86	391	330
Unit 6	8.93	87.14	390	337
Unit 7	8.87	66.73	390	328
Unit 8	10.49	111.69	460	407
Unit 9	0.00	0.00	0	0
Total	44.72	431.15		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	51.32	241	156
Total	5.43	51.32		
Khaparkheda				
Unit 1	3.02	21.42	160	95
Unit 2	3.38	26.44	175	90
Unit 3	3.84	30.39	200	104
Unit 4	3.74	30.68	205	103
Unit 5	11.15	113.18	483	450
Total	25.12	222.11		
Nasik				
Unit 3	3.65	11.20	170	122
Unit 4	3.78	13.07	175	129
Unit 5	0.00	25.72	0	0
Total	7.43	49.99		
Uran				
All Units	2.63	50.19	140	95
Total	2.63	50.19		
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	4.15	26	20
Total	0.59	4.15		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.85	26.52	500	40
Stage 4	0.00	0.00	0	0
Stage 3	1.50	10.09	160	0
Total	7.35	36.61		
Hydro				
KDPH	0.86	9.16	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.58	5.73	58	0
BHIRA T.R.	0.46	4.76	40	0
SMLHY_PTN	5.90	65.13	256	238
GHATGHAR	1.56	5.73	250	0
Total	9.37	90.51		
Wind				
Total	18.85	437.90	0	0
Total	18.85	437.90		
CPP				
APML(Mus)	55.52	650.17	0	0
JSWEL(Mus)	20.89	228.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.55	265.44	0	0
SWPGPL-Mus	6.31	53.50	0	0
Other(Mus)	6.89	69.84	0	0
Total	115.15	1267.61		
SOLAR				
Total	6.82	64.32	0	0
Total	6.82	64.32		
Tata				
Trombay 5	10.35	98.15	487	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	5.00	49.15	221	138
TATA Hydro	6.57	56.43	431	0
Total	21.92	216.21		
AEMIL				
DTPS U-1&2	11.70	112.62	504	363
Total	11.70	112.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	163.61	1368.50	MSPGCL Total	182.96	1545.81
			MSPGCL Thml+Gas	166.24	1418.69	Koyna 1,2 & 4 Total	5.85	26.52
			MSPGCL Hydro	16.72	127.11	State Total	357.39	3644.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	6791	324	110	7225	1175	5373	0	0	5204	5405	-938	18240	0	18240	2193	20433	50.02
2	6791	328	99	7218	1082	5307	0	0	4953	5211	-865	17953	0	17953	2045	19998	50.01
3	6891	554	110	7555	992	5183	0	0	4886	5719	-1037	18412	0	18412	1924	20336	50.00
4	7059	379	110	7548	939	4968	0	0	5286	5545	-1072	17928	0	17928	1854	19782	50.00
5	7077	514	100	7691	1044	4769	0	0	5772	5924	-1004	18424	0	18424	1835	20259	49.91
6	7111	583	111	7805	949	4741	0	0	6389	6408	-707	19196	0	19196	1926	21122	50.01
7	7045	400	140	7585	784	4702	0	60	7609	7708	-653	20186	0	20186	1994	22180	49.98
8	7048	437	140	7625	582	4731	0	264	7836	8220	-748	20674	0	20674	2135	22809	50.02
9	7012	447	140	7599	620	4761	0	507	7966	8428	-1007	20908	0	20908	2418	23326	50.03
10	7046	502	138	7686	749	4735	0	756	7946	8251	-1140	21037	0	21037	2662	23699	50.04
11	6863	437	123	7423	982	4748	0	902	8303	8061	-1311	20805	0	20805	2864	23669	50.06
12	6266	511	95	6872	1026	4708	0	806	8394	8649	-1358	20703	0	20703	2920	23623	50.00
13	6515	702	105	7322	867	4719	0	783	8122	8172	-1342	20521	0	20521	2875	23396	49.95
14	6728	728	105	7561	766	4631	0	777	7670	7912	-1242	20405	0	20405	2764	23169	50.01
15	6720	528	95	7343	923	4600	0	733	8167	8500	-1246	20853	0	20853	2773	23626	49.95
16	6691	689	104	7484	537	4626	0	620	8282	8575	-1260	20582	0	20582	2795	23377	49.95
17	6730	928	105	7763	334	4670	0	420	8038	8437	-1227	20397	0	20397	2761	23158	50.00
18	6797	945	95	7837	540	4651	0	173	7344	7511	-1097	19615	0	19615	2696	22311	50.00
19	6762	1000	105	7867	527	4688	0	17	6681	6925	-1021	19003	0	19003	2587	21590	49.95
20	6792	1203	105	8100	595	4751	0	0	6342	6848	-964	19330	0	19330	2568	21898	49.84
21	6730	1137	95	7962	681	4785	0	0	5959	6119	-845	18702	0	18702	2478	21180	49.95
22	6756	1184	104	8044	703	4770	0	0	5705	5755	-787	18485	0	18485	2379	20864	49.91
23	6725	1178	105	8008	706	4757	0	0	5532	5770	-771	18470	0	18470	2317	20787	49.90
24	6661	1080	95	7836	743	4773	0	0	5472	5701	-807	18246	0	18246	2304	20550	49.95
MUs	163.61	16.72	2.63	182.96	18.85	115.15	0.00	6.82	163.86	169.75	-24.45	469.07	0.00	469.07	58.07	527.14	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 11/Aug/2021

Position as on 6.30 Hrs of 12/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 On 09/08/2021)	
TPC-G	Trombay 7A	120	05/08/2021	22.39		Continued.	Gas Shortage(Converted to AOH 00.00Hrs On 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		Continued.	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 5	108	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	05/08/2021	20.02		Continued.	Gas shortage	
MSPGCL	Koyana Unit 6	80	05/08/2021	21.25		Continued.	Differential protection	
MSPGCL	Nasik Unit 5	210	07/08/2021	20.45		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	11/08/2021	03.46		Continued.	Main Steam Line Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	11/08/2021	16.59	11/08/2021	19.31	PO	Pole-2 Z-3 Non Base Filter is Available & Will Be In Service As Per Requirement. Both pole Will Be In Service With 1300 MW power Flow & there is no Restriction of Power.
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
Jaigad-Karad Ckt-II	IntraState	11/08/2021	08.30	11/08/2021	18.04	PO	Restraining of Earth wire.
Padghe - Nagothane - II	IntraState	11/08/2021	09.35	11/08/2021	20.05	PO	For Attending Hot spot On Y Ph CT Line Side 124 Deg. Replacement Of Y Ph CT To Gantry Jumper If Required. Replacement Of AI TO Copper Cable Of CVT. Replacement Of Isolator.
Ektuni-Bableshtar ckt II	IntraState	11/08/2021	09.52	11/08/2021	18.35	PO	CT,CB Relay Testing Work & 29D & 29C Isolator Repairing Work.
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.
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	11/08/2021	10.15	11/08/2021	15.23	PO	Bushing & Winding Tan Delta Testing Work.
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)
Aurangabad PG (Chitepimpalgaon)-Chitegaon Ckt-II	InterState	11/08/2021	12.22	11/08/2021	14.08	PO	Replacement of TNC switch.
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.
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).
Lonand-Baramati	IntraState	10/08/2021	05.40		Continued.	HT	Load management 220kv lonand jejuri
khaparkheda-Khaparkheda(new)-I	IntraState	11/08/2021	08.43		Continued.	PO	Reorientation work of 220KV New KHAPERKHEDA & Old KHAPERKHEDA CKT-I . Stringing Work For 220KV KHAPERKHEDA - KAWLEWADA -I Tower No. 2.
220kv Lonand- Phaltan line	IntraState	11/08/2021	09.32	11/08/2021	15.40	PO	Diagnostic Testing Work. Commissioning of ABB Distance.
Parli 2-(Girwali) -Murud	IntraState	11/08/2021	11.24	11/08/2021	15.14	EO	Attending Y PH Main BUS Jumper Hot Spot.
Adlabs - Pedambe	IntraState	11/08/2021	13.22	11/08/2021	16.05	T	Distance Protection

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 11/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe-Kamba II	IntraState	11/08/2021	15.44	11/08/2021	19.02	EO	Attending hotspot on R&Y CT.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	11/08/2021	10.20	11/08/2021	17.46	PO	OSR Replacement Work.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	11/08/2021	11.50	11/08/2021	15.50	PO	DFR test by TCC vashi.
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	11/08/2021	11.53	11/08/2021	17.25	PO	In View of Outage On 132KV BUS SECTION 2 At CHIKHALI.