

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Aug/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.797	3438.337	1) Gujrat	-7.381	-228.779
2) Hydro	15.103	285.918	2) Madhya Pradesh	3.760	86.064
3) Gas	4.318	118.801	3) Chattisgarh	1.420	83.720
Total MSPGCL	178.218	3843.056	4) Maharashtra	151.701	3693.257
B) 1) APML	51.462	1488.259	5) Goa (Amona)	-0.974	-25.014
2) JSWEL	24.372	528.724	Total	148.526	3609.248
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.993	551.065
4) RPL(AMT)	25.717	608.883	b) Mumbai Drawl	25.037	628.175
5) SWPGPL	4.172	120.528	c) MSEDCL Bilateral *	23.148	883.689
6) Other IPP	0.920	118.556	Include PX	-4.383	166.474
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.993	551.065
C) 1) TPCL Thermal	14.098	323.960	Include PX	4.224	197.543
2) TPCL Hydro	6.592	137.225	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.544	246.676	1) MSEDCL	432.456	10542.146
D) STATE			2) Mumbai Discoms	57.271	1348.511
1) Thermal	291.082	6873.923	TOTAL STATE	489.727	11890.657
(A1+C1+C4+(B1-B6))					
2) Hydro	21.695	423.143			
(A2+C2)					
3) Gas	4.318	131.277			
(A3+B7+C3)					
4) Wind	16.823	715.614			
6) SOLAR	7.283	137.453			
TOTAL STATE	341.201	8281.410			

* 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 3 Hrs
MSPGCL Thermal	6695	6568	6659	6365
MSPGCL Hydro	374	354	1553	292
MSPGCL Gas	130	139	244	130
MSPGCL Total Generation	7199	7061	8456	6787
Central Sector Receipt	7758	7636	5616	5224
WIND	434	476	1142	684
CPP / IPP Thermal	4330	4338	4644	4335
CPP / IPP Gas	0	0	0	0
SOLAR	993	875	0	0
Exchange with Mumbai	-1669	-1541	-934	-894
MSEDCL DEMAND MET	19045	18845	18924	16136
Load Shedding	0	0	0	0
MSEDCL DEMAND	19045	18845	18924	16136
TPCL GENERATION	820	800	1164	542
AEML GENERATION	416	502	502	417
MUMBAI DEMAND	2905	2843	2600	1853
STATE DEMAND MET	21950	21688	21524	17989
STATE DEMAND	21950	21688	21524	17989
Frequency (Hz)	49.98	50.01	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.03 Hrs	49.73 Hz at 18.50 Hrs	49.97	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 25/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	61.34	180	130
Unit 7	0.00	0.00	0	0
Unit 8	11.66	269.34	550	385
Unit 9	11.01	233.13	510	400
Unit 10	12.11	258.68	540	444
Total	38.45	822.49		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	10.50	241.82	465	400
Unit 5	10.35	242.15	455	395
Total	20.85	509.72		
Parli				
Unit 6	4.48	76.52	223	88
Unit 7	5.24	92.74	248	155
Unit 8	4.56	99.56	199	180
Total	14.28	268.82		
Chandrapur				
Unit 3	3.06	68.52	139	77
Unit 4	3.18	85.37	145	118
Unit 5	7.45	196.99	340	240
Unit 6	7.71	191.93	365	260
Unit 7	7.83	174.61	345	300
Unit 8	9.29	250.60	420	317
Unit 9	10.39	69.89	478	382
Total	48.90	1037.91		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.74	113.86	217	151
Total	4.74	113.86		
Khaparkheda				
Unit 1	2.88	56.80	140	70
Unit 2	2.99	68.42	155	100
Unit 3	4.24	83.26	205	147
Unit 4	3.95	83.04	190	140
Unit 5	9.24	256.11	450	360
Total	23.30	547.62		
Nasik				
Unit 3	4.03	48.06	189	123
Unit 4	4.24	64.14	200	120
Unit 5	0.00	25.72	0	0
Total	8.27	137.92		
Uran				
All Units	4.32	118.80	275	130
Total	4.32	118.80		
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	11.13	26	20
Total	0.59	11.13		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.78	63.04	490	40
Stage 4	2.89	5.99	660	0
Stage 3	1.48	22.76	190	0
Total	8.15	91.78		
Hydro				
KDPH	0.00	15.64	0	0
VTRNA	0.31	0.60	59	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.50	11.30	40	0
SMLHY_PTN	5.58	148.30	251	204
GHATGHAR	0.56	12.12	250	0
Total	6.95	194.13		
Wind				
Total	16.82	715.61	0	0
Total	16.82	715.61		
CPP				
APML(Mus)	51.46	1488.26	0	0
JSWEL(Mus)	24.37	528.72	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.72	608.88	0	0
SWPGPL-Mus	4.17	120.53	0	0
Other(Mus)	0.92	118.56	0	0
Total	106.64	2864.95		
SOLAR				
Total	7.28	137.45	0	0
Total	7.28	137.45		
Tata				
Trombay 5	9.34	215.96	482	278
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	4.76	108.00	225	138
TATA Hydro	6.59	137.22	459	0
Total	20.69	473.66		
AEMIL				
DTPS U-1&2	11.54	246.68	502	400
Total	11.54	246.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.80	3438.34	MSPGCL Total	178.22	3843.06
			MSPGCL Thml+Gas	163.12	3557.14	Koyna 1,2 & 4 Total	6.67	69.03
			MSPGCL Hydro	15.10	285.92	State Total	341.20	8281.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	6243	306	130	6679	999	4509	0	0	4680	4936	-854	16269	0	16269	2084	18353	49.99
2	6315	290	140	6745	865	4440	0	0	4607	4816	-812	16054	0	16054	1969	18023	49.98
3	6365	292	130	6787	684	4335	0	0	4870	5224	-894	16136	0	16136	1853	17989	49.99
4	6377	332	140	6849	589	4350	0	0	4935	5425	-966	16247	0	16247	1785	18032	49.98
5	6617	486	140	7243	490	4349	0	0	5241	5566	-896	16752	0	16752	1779	18531	49.99
6	6663	539	140	7342	455	4423	0	0	5715	6238	-878	17580	0	17580	1840	19420	49.98
7	6704	1209	140	8053	407	4392	0	50	6264	6506	-825	18583	0	18583	1921	20504	49.90
8	6644	1152	140	7936	349	4441	0	290	6749	6978	-813	19181	0	19181	2124	21305	50.00
9	6688	1105	130	7923	385	4240	0	585	6968	7065	-1046	19152	0	19152	2424	21576	49.98
10	6787	681	130	7598	476	4289	0	825	6891	7162	-1150	19200	0	19200	2706	21906	49.97
11	6809	479	130	7418	444	4322	0	960	7090	7216	-1371	18989	0	18989	2871	21860	49.98
12	6695	374	130	7199	434	4330	0	993	7405	7758	-1669	19045	0	19045	2905	21950	49.98
13	6568	354	139	7061	476	4338	0	875	7350	7636	-1541	18845	0	18845	2843	21688	50.01
14	6666	335	207	7208	438	4363	0	867	6854	6948	-1472	18352	0	18352	2721	21073	50.06
15	6651	310	264	7225	612	4364	0	752	6979	7239	-1402	18790	0	18790	2724	21514	50.00
16	6567	511	254	7332	598	4479	0	568	6840	7069	-1230	18816	0	18816	2780	21596	50.04
17	6523	485	266	7274	750	4472	0	330	6654	6925	-1094	18657	0	18657	2724	21381	49.99
18	6669	436	265	7370	956	4556	0	171	6088	6407	-992	18468	0	18468	2641	21109	49.99
19	6745	737	275	7757	1172	4616	0	17	5618	5782	-925	18419	0	18419	2586	21005	49.93
20	6659	1553	244	8456	1142	4644	0	0	5575	5616	-934	18924	0	18924	2600	21524	49.89
21	6694	993	130	7817	1123	4667	0	0	5300	5300	-856	18051	0	18051	2496	20547	49.91
22	6759	824	175	7758	1151	4582	0	0	4954	5110	-815	17786	0	17786	2379	20165	49.96
23	6684	649	223	7556	973	4565	0	0	4602	4879	-793	17180	0	17180	2280	19460	49.94
24	6705	671	256	7632	855	4577	0	0	4525	4725	-809	16980	0	16980	2236	19216	49.94
MUs	158.80	15.10	4.32	178.22	16.82	106.64	0.00	7.28	142.75	148.53	-25.04	432.46	0.00	432.46	57.27	489.73	49.97

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 25/Aug/2021

Position as on 6.30 Hrs of 26/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)	
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		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 8	108	17/08/2021	20.06	26/08/2021	01.37	Gas shortage	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	
MSPGCL	Uran Unit 5	108	24/08/2021	10.55	25/08/2021	00.06	Generator Protection operated	
IPP	SWPGPL U-2	135	25/08/2021	13.00		Continued.	PA Fan Vibration Problem	
MSPGCL	Uran Unit 5	108	25/08/2021	19.54	25/08/2021	21.05	Trip on generator protection.	
MSPGCL	Uran Unit 5	108	26/08/2021	01.55		Continued.	Generator vibration abnormal.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 26/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
Chandrapur II - Dhariwal -I	InterState	25/08/2021	10.02	25/08/2021	20.09	PO	Hotspot attending work at Transmission line.
Dhule Sar'Sarovar I	InterState	25/08/2021	10.39	25/08/2021	15.33	T	Distance Protection
koaradi II - Wardha(PG)	IntraState	21/08/2021	15.35		Continued.	PO	Erection of 3 New Towers
Koradi 2-IEPL	IntraState	21/08/2021	15.46	25/08/2021	16.52	PO	Erection of 3 New Towers
Khadka-Aurangabad (Waluj)	IntraState	24/08/2021	23.41	25/08/2021	07.34	T	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 @Nagothane	IntraState	25/08/2021	09.25	25/08/2021	21.50	PO	Oil Top up and bay maintenance work.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	25/08/2021	10.14	25/08/2021	16.52	PO	Bushing & winding tan delta testing work.
400 KV BR Outages/Trippings							
80MVAR Bus reactor @Nagothane	IntraState	25/08/2021	13.00	25/08/2021	17.00	EO	For attending hot spot at B Ph C Bus Isolator.
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	24/08/2021	08.16	25/08/2021	19.53	PO	To stringing on newly erected CT Tower at proposed Waghivali GIS and charging of cable from CTT to proposed Ulwe GIS.
Flagship-Nandedcity	IntraState	25/08/2021	02.28	25/08/2021	12.20	T	Distance Protection
Khaparkhedra-Kanhan	IntraState	25/08/2021	08.44	25/08/2021	12.30	T	Flash over disc replacement work
Trombay - Kalwa	IntraState	25/08/2021	09.09	25/08/2021	17.09	PO	OPGW stringing work from loc no. 65 to 72.
Karad -Mudshingi Ckt- IV	IntraState	25/08/2021	10.08	25/08/2021	14.39	PO	Quarterly Maintainance Work
Pandarpur-Khanapur	IntraState	25/08/2021	10.30	25/08/2021	18.50	PO	Outage is required for Replacement work of 220 kv Khanapur - Pandharpur line bay R. Y & B phase CT.
Pusad - Hingoli	IntraState	25/08/2021	11.48	25/08/2021	17.20	T	Distance Protection
Kanhan-Bhandara I	IntraState	25/08/2021	12.43	25/08/2021	17.31	T	Flash over disc Replacement work.
Trombay - Mulund	IntraState	25/08/2021	17.45	25/08/2021	19.49	EO	Removal of broken PPE rope from top, middle & bottom phase in between Loc No. 65 to 66.
Uran - Kharghar 2	IntraState	25/08/2021	19.55		Continued.	T	Distance Protection
Bhugaon-WardhaPG (Deoli)	IntraState	25/08/2021	21.45	26/08/2021	00.08	T	220 kv bus section-1 y ph pt burst. bus-1 bus bar prot optd. 220kv puri, wardha pg, ict-2 and ptr-2 trip . 8 mw load affected.
Purti-Bhugaon	IntraState	25/08/2021	21.45	25/08/2021	23.19	T	220 kv bus section-1 y ph pt burst. bus-1 bus

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 25/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 26/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							bar prot optd. 220kv puri, wardha pg, ict-2 and ptr-2 trip . 8 mw load affected.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT I @ Balapur	IntraState	25/08/2021	01.55	25/08/2021	05.26	T	132kv main bus section 1 rph pt burst
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	25/08/2021	10.48	25/08/2021	17.48	PO	Tan delta test.
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	25/08/2021	10.53	25/08/2021	13.53	PO	ICT SFRA Testing.
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	25/08/2021	11.05	25/08/2021	17.01	PO	Fire extinguisher scheme(ctr make) overhauling work by agency.

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