

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Aug/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.388	358.504	1) Gujrat	-8.494	-26.762
2) Hydro	10.104	43.351	2) Madhya Pradesh	4.001	23.858
3) Gas	6.301	25.316	3) Chattisgarh	4.250	19.540
Total MSPGCL	118.793	427.171	4) Maharashtra	132.804	499.665
B) 1) APLM	64.678	239.688	5) Goa (Amona)	-1.383	-5.812
2) JSWEL	20.997	83.943	Total	131.178	510.489
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.550	99.205
4) RPL(AMT)	25.307	86.374	b) Mumbai Drawl	26.414	102.755
5) SWPGPL	2.904	11.193	c) MSEDCL Bilateral *	37.887	137.780
6) Other IPP	6.007	22.573	Include PX	9.364	24.524
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.550	99.205
C) 1) TPCL Thermal	11.625	46.426	Include PX	12.246	46.294
2) TPCL Hydro	6.005	19.850	Standby	0.000	0.000
3) TPCL Gas	2.578	10.372	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.427	34.735	1) MSEDCL	406.666	1541.816
D) STATE			2) Mumbai Discoms	56.049	214.138
1) Thermal	243.333	883.436	TOTAL STATE	462.715	1755.954
(A1+C1+C4+(B1-B6))					
2) Hydro	16.109	63.201			
(A2+C2)					
3) Gas	8.879	35.688			
(A3+B7+C3)					
4) Wind	58.304	243.572			
6) SOLAR	4.912	19.568			
TOTAL STATE	331.537	1245.465			

* 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 4 Hrs
MSPGCL Thermal	4824	4112	4761	3898
MSPGCL Hydro	484	432	466	326
MSPGCL Gas	253	259	264	265
MSPGCL Total Generation	5562	4802	5492	4490
Central Sector Receipt	6168	5869	5366	4572
WIND	2643	2882	2268	1905
CPP / IPP Thermal	4969	5023	5186	4911
CPP / IPP Gas	0	0	0	0
SOLAR	439	727	0	0
Exchange with Mumbai	-1178	-1531	-976	-832
MSEDCL DEMAND MET	18602	17772	17336	15046
Load Shedding	0	0	0	0
MSEDCL DEMAND	18602	17772	17336	15046
TPCL GENERATION	1028	784	1035	630
AEML GENERATION	464	498	500	285
MUMBAI DEMAND	2670	2813	2511	1747
STATE DEMAND MET	21272	20586	19846	16792
STATE DEMAND	21272	20586	19846	16792
Frequency (Hz)	50.01	50.05	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13:02 Hrs	49.71 Hz at 20:40 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 04/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.98	5.98	524	0
Unit 9	9.68	39.71	440	355
Unit 10	4.74	37.53	480	0
Total	20.40	83.22		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.68	36.15	480	295
Unit 5	9.12	34.62	445	285
Total	18.80	70.76		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.21	12.51	147	120
Unit 4	3.37	13.11	169	113
Unit 5	7.61	30.40	365	280
Unit 6	7.30	29.80	376	270
Unit 7	6.33	6.33	330	0
Unit 8	9.86	39.14	438	355
Unit 9	0.00	0.00	0	0
Total	37.68	131.30		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	17.18	242	152
Total	4.05	17.18		
Khaparkheda				
Unit 1	0.14	0.14	50	0
Unit 2	1.84	1.84	160	0
Unit 3	2.28	2.28	176	0
Unit 4	2.43	2.43	200	0
Unit 5	11.37	34.73	490	450
Total	18.06	41.42		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.41	14.62	195	125
Total	3.41	14.62		
Uran				
All Units	6.30	25.32	267	248
Total	6.30	25.32		
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)	0.10	0.33	23	0
Total	0.10	0.33		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.66	8.23	285	40
Stage 4	0.00	0.00	0	0
Stage 3	1.15	3.79	160	0
Total	2.81	12.02		
Hydro				
KDPH	0.88	3.09	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.31	1.79	58	0
BHIRA T.R.	0.48	1.71	40	0
SMLHY_PTN	5.63	23.19	256	214
GHATGHAR	0.00	1.56	0	0
Total	7.30	31.33		
Wind				
Total	58.30	243.57	0	0
Total	58.30	243.57		
CPP				
APML(Mus)	64.68	239.69	0	0
JSWEL(Mus)	21.00	83.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.31	86.37	0	0
SWPGPL-Mus	2.90	11.19	0	0
Other(Mus)	6.01	22.57	0	0
Total	119.89	443.77		
SOLAR				
Total	4.91	19.57	0	0
Total	4.91	19.57		
Tata				
Trombay 5	7.72	31.06	472	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	5.78	61	57
Trombay 7B	1.15	4.59	49	46
Trombay 8	3.91	15.37	226	137
TATA Hydro	6.00	19.85	369	110
Total	20.21	76.65		
AEML				
DTPS U-1&2	9.43	34.74	502	285
Total	9.43	34.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.39	358.50	MSPGCL Total	118.79	427.17
			MSPGCL Thml+Gas	108.69	383.82	Koyna 1,2 & 4 Total	1.66	8.23
			MSPGCL Hydro	10.10	43.35	State Total	331.54	1245.46

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 04/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	4004	338	266	4608	2208	5020	0	0	4479	4538	-1000	15374	0	15374	2033	17406	49.99
2	3899	328	267	4494	2061	5039	0	0	4411	4388	-910	15072	0	15072	1907	16980	50.02
3	3820	328	256	4404	1959	4987	0	0	4319	4522	-854	15018	0	15018	1812	16830	50.01
4	3898	326	265	4490	1905	4911	0	0	4306	4572	-832	15046	0	15046	1747	16792	49.99
5	4025	328	266	4620	1952	4903	0	0	4392	4722	-750	15446	0	15446	1741	17188	49.97
6	4245	326	266	4836	2182	4922	0	0	5029	5228	-487	16682	0	16682	1836	18518	50.02
7	4296	326	265	4886	2052	4894	0	29	6272	6303	-464	17700	0	17700	1900	19600	50.00
8	4431	380	266	5078	2257	4949	0	164	6935	7005	-845	18608	0	18608	2073	20680	50.04
9	4545	458	265	5268	2436	4967	0	351	6644	6869	-1283	18608	0	18608	2373	20980	50.01
10	4824	484	253	5562	2643	4969	0	439	6482	6168	-1178	18602	0	18602	2670	21272	50.01
11	4388	426	264	5078	2795	4955	0	520	6328	6022	-1259	18110	0	18110	2856	20966	50.00
12	3814	422	262	4498	2948	4951	0	581	6112	6274	-1330	17922	0	17922	2877	20800	50.02
13	4112	432	259	4802	2882	5023	0	727	5874	5869	-1531	17772	0	17772	2813	20586	50.05
14	4001	424	248	4672	3078	4862	0	576	5603	5731	-1567	17352	0	17352	2697	20050	50.06
15	4063	464	260	4786	2822	4952	0	621	5447	5641	-1504	17318	0	17318	2701	20020	50.02
16	4406	396	262	5064	2864	5043	0	457	5535	5630	-1458	17600	0	17600	2694	20294	50.04
17	4343	360	263	4966	2738	5085	0	282	5700	5957	-1389	17638	0	17638	2652	20290	50.02
18	4260	356	264	4880	2649	5040	0	144	5613	5602	-1322	16992	0	16992	2579	19572	50.00
19	4541	374	264	5180	2442	5125	0	21	5296	5475	-1155	17088	0	17088	2519	19606	50.04
20	4761	466	264	5492	2268	5186	0	0	5687	5366	-976	17336	0	17336	2511	19846	50.01
21	4468	508	264	5240	2503	5167	0	0	5283	5376	-999	17286	0	17286	2397	19684	49.92
22	4303	524	263	5090	2375	5161	0	0	4993	4962	-1018	16570	0	16570	2274	18844	49.90
23	4247	754	264	5264	2166	4972	0	0	4449	4570	-1137	15836	0	15836	2212	18048	49.87
24	4694	578	265	5536	2119	4810	0	0	4197	4388	-1166	15688	0	15688	2175	17862	50.00
MUs	102.39	10.10	6.30	118.79	58.30	119.89	0.00	4.91	129.39	131.18	-26.41	406.67	0.00	406.67	56.05	462.71	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 04/Aug/2021

Position as on 6.30 Hrs of 05/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	
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	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/07/2021	11.03		Continued.	Boiler Tube Leakage(Converted into to Zero Schedule from 20.00Hrs DT.06-07-2021)	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00	05/08/2021	03.07	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57	04/08/2021	05.19	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12	04/08/2021	07.07	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29	04/08/2021	04.55	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00	04/08/2021	05.34	Zero schedule	
IPP	JSW (J) U4	300	16/07/2021	17.44		Continued.	Air Preheater problem.	
IPP	SWPGPL U-4	135	19/07/2021	23.45	05/08/2021	01.06	Zero schedule.	
IPP	SWPGPL U-3	135	29/07/2021	09.11	04/08/2021	21.17	PA fan bearing issue.(ready & under zero sch. from 12.30 hrs of 30.07.2021)	
MSPGCL	Chandrapur Unit 7	500	30/07/2021	00.00	04/08/2021	01.03	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	30/07/2021	16.31	04/08/2021	07.32	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	04/08/2021	07.36	04/08/2021	23.07	Flashover in Boiler.	
MSPGCL	Koradi Unit 10	660	04/08/2021	11.03		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Aug/2021

Position as on 6.30 Hrs of 05/Aug/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	04/08/2021	23.52		Continued.	APH-B Gear Box Abnormal Sound.	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 05/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	03/08/2021	23.22	04/08/2021	03.42	EO	At Chandrapur base filter Z1,Z2 hot spot attending.
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
New Koyana - Dabhol-I	IntraState	03/08/2021	05.04	04/08/2021	17.38	T	Over Voltage
Padghe - Kalwa- I	IntraState	04/08/2021	04.26	04/08/2021	06.58	EO	Attending Hot Spot
Koradi-RattanIndia	IntraState	04/08/2021	10.12	04/08/2021	13.41	PO	Bus-2 B PH Isolator Fixed Contact Rod (connected to Bus) Replacement Work by Hot Line Unit. Nagpur.
Khadka-Aurangabad (Waluj)	IntraState	04/08/2021	17.47		Continued.	HT	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.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	03/08/2021	23.02	04/08/2021	00.48	EO	Attending Hot Spot
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)
Khaparkheda-Butibori 3	InterState	04/08/2021	09.37	04/08/2021	15.00	PO	Replacement of Flashover String At various Locations.
BADNERA - WARDHA (PG) (Deoli)	InterState	04/08/2021	11.25	04/08/2021	18.23	PO	Work At Wardha PG End.
Balapur-Akola li	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
Balapur-Akola I	IntraState	22/07/2021	07.48		Continued.	T	Distance Protection(tower collapse At LOC. No.15.)
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.
Bhugaon- Wardha	IntraState	03/08/2021	19.17	04/08/2021	00.02	HT	HT For Overdrawal
Pophali - New Koyana	IntraState	03/08/2021	21.00	04/08/2021	15.00	HT	Due to Y-ph current zero also conductor stand is damaged at pophali end.
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-Ambazari-I	IntraState	04/08/2021	09.36	04/08/2021	18.32	PO	Replacement of Flashover String At various Locations.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	04/08/2021	09.40	04/08/2021	12.28	PO	Quarterly Maintainance Work
Peth- Mudshingi -I	IntraState	04/08/2021	10.53	04/08/2021	12.53	PO	Quarterly Maintainance Work
Bhigwan-Baramat lagro	IntraState	04/08/2021	11.10	04/08/2021	15.25	PO	For attending oil leakage through Y PH CT secondary & Testing work at 220kV Baramati Agro ss.
Uran - Apta III	IntraState	05/08/2021	00.43		Continued.	HT	Red Hot On Wave Trap At Uran S/S.

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 04/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 05/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	30/07/2021	21.12		Continued.	HT	Over Voltage
220/132KV 100MVA ICT- II@Shivajinagar	IntraState	04/08/2021	03.30	04/08/2021	03.55	T	E/F 86 Operated. B PH Insulator String Of 33/44 KV Station 1 Burst.
220/132 kv 100MVA ICT-I @ Shivajinagar	IntraState	04/08/2021	03.30	04/08/2021	04.07	T	E/F 86 Operated. B PH Insulator String Of 33/44 KV Station 1 Burst.
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	04/08/2021	11.01	04/08/2021	18.47	PO	For Diagnostic Testing Work & Routine Maintenance Work.
220/132 kv 200MVA ICT II @ Akola	IntraState	04/08/2021	11.09	04/08/2021	18.45	PO	Testing Of ICT,CT,CB. Routine Maintenance Work.
220/22 Kv 50 Mva Cgl Ptr 4 @Mulund	IntraState	04/08/2021	12.57	04/08/2021	20.05	EO	For Hot Spot Attending work on 50 MVA TF-4 LV B PH. Isolator Bus Side .
220/33kv 125 MVA Transformer 2 @Saki R/S	IntraState	04/08/2021	23.03	05/08/2021	04.13	T	Bucholz protection.

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