

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Aug/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.544	1862.717	1) Gujrat	-7.765	-108.576
2) Hydro	10.713	162.235	2) Madhya Pradesh	3.978	75.872
3) Gas	3.493	57.560	3) Chattisgarh	2.650	55.830
Total MSPGCL	174.750	2082.512	4) Maharashtra	161.844	2125.424
B) 1) APML	66.176	823.415	5) Goa (Amona)	-0.762	-17.344
2) JSWEL	19.780	290.088	Total	159.945	2131.206
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.010	330.801
4) RPL(AMT)	25.616	342.128	b) Mumbai Drawl	28.106	358.869
5) SWPGPL	6.154	72.467	c) MSEDCL Bilateral *	43.452	611.133
6) Other IPP	5.784	89.322	Include PX	13.339	186.459
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.010	330.801
C) 1) TPCL Thermal	10.568	187.988	Include PX	9.496	147.321
2) TPCL Hydro	4.971	74.543	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.712	144.979	1) MSEDCL	466.869	6073.597
D) STATE			2) Mumbai Discoms	53.357	778.855
1) Thermal	304.334	3813.104	TOTAL STATE	520.226	6852.452
(A1+C1+C4+(B1-B6))					
2) Hydro	15.684	236.778			
(A2+C2)					
3) Gas	3.493	70.036			
(A3+B7+C3)					
4) Wind	30.551	517.857			
6) SOLAR	6.219	83.471			
TOTAL STATE	360.281	4721.246			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6703	6635	6922	6733
MSPGCL Hydro	442	460	452	323
MSPGCL Gas	130	130	140	130
MSPGCL Total Generation	7275	7225	7514	7186
Central Sector Receipt	8010	7867	5893	5434
WIND	1396	1488	1376	1404
CPP / IPP Thermal	5128	5066	5162	5141
CPP / IPP Gas	0	0	0	0
SOLAR	716	708	7	0
Exchange with Mumbai	-1378	-1419	-1168	-1075
MSEDCL DEMAND MET	21148	20934	18784	18090
Load Shedding	0	0	0	0
MSEDCL DEMAND	21148	20934	18784	18090
TPCL GENERATION	715	661	786	453
AEML GENERATION	290	502	397	284
MUMBAI DEMAND	2383	2582	2351	1812
STATE DEMAND MET	23530	23516	21134	19902
STATE DEMAND	23530	23516	21134	19902
Frequency (Hz)	50.06	49.95	50.03	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 08.01 Hrs	49.82 Hz at 11.44 Hrs	50.02	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 14/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.35	25.18	175	125
Unit 7	0.00	0.00	0	0
Unit 8	13.88	132.90	646	511
Unit 9	11.23	150.94	515	435
Unit 10	12.72	126.66	565	506
Total	41.18	435.68		
Bhusawal				
Unit 3	3.22	24.54	180	120
Unit 4	10.71	140.94	485	400
Unit 5	10.75	138.89	490	390
Total	24.68	304.36		
Parli				
Unit 6	5.01	35.15	250	190
Unit 7	4.92	37.97	241	191
Unit 8	4.88	46.77	212	192
Total	14.80	119.90		
Chandrapur				
Unit 3	3.36	46.25	150	122
Unit 4	3.72	50.74	171	120
Unit 5	8.24	115.23	375	280
Unit 6	8.40	113.65	385	285
Unit 7	8.36	92.05	376	280
Unit 8	11.15	143.41	480	440
Unit 9	0.00	0.00	0	0
Total	43.23	561.32		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.38	66.58	246	154
Total	4.38	66.58		
Khaparkheda				
Unit 1	3.16	31.34	150	115
Unit 2	3.32	37.14	165	115
Unit 3	4.10	43.02	200	135
Unit 4	4.10	43.30	195	130
Unit 5	10.70	146.95	470	420
Total	25.36	301.76		
Nasik				
Unit 3	3.41	22.44	187	125
Unit 4	3.48	24.96	198	125
Unit 5	0.00	25.72	0	0
Total	6.90	73.12		
Uran				
All Units	3.49	57.56	217	90
Total	3.49	57.56		
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	5.86	27	20
Total	0.58	5.86		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.48	34.74	340	40
Stage 4	0.00	0.27	0	0
Stage 3	0.58	12.47	80	0
Total	2.07	47.48		
Hydro				
KDPH	0.86	11.75	36	36
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.36	6.16	40	0
SMLHY_PTN	5.81	82.72	252	231
GHATGHAR	1.61	7.67	250	0
Total	8.65	114.76		
Wind				
Total	30.55	517.86	0	0
Total	30.55	517.86		
CPP				
APML(Mus)	66.18	823.42	0	0
JSWEL(Mus)	19.78	290.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.62	342.13	0	0
SWPGPL-Mus	6.15	72.47	0	0
Other(Mus)	5.78	89.32	0	0
Total	123.51	1617.42		
SOLAR				
Total	6.22	83.47	0	0
Total	6.22	83.47		
Tata				
Trombay 5	7.03	125.63	423	277
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	3.54	62.36	218	138
TATA Hydro	4.97	74.54	386	0
Total	15.54	275.01		
AEML				
DTPS U-1&2	9.71	144.98	503	284
Total	9.71	144.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.54	1862.72	MSPGCL Total	174.75	2082.51
			MSPGCL Thml+Gas	164.04	1920.28	Koyna 1,2 & 4 Total	1.48	35.00
			MSPGCL Hydro	10.71	162.24	State Total	360.28	4721.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	6835	390	90	7315	1550	5218	0	0	5425	5512	-1237	18358	0	18358	2133	20491	50.01
2	6727	318	120	7165	1412	5183	0	0	5342	5687	-1149	18298	0	18298	1999	20297	50.04
3	6753	328	140	7221	1501	5226	0	0	5316	5313	-1104	18157	0	18157	1884	20041	50.05
4	6733	323	130	7186	1404	5141	0	0	5317	5434	-1075	18090	0	18090	1812	19902	50.04
5	6709	320	140	7169	1256	5117	0	0	5539	6075	-1087	18530	0	18530	1790	20320	50.02
6	6863	328	140	7331	901	5201	0	0	6166	6836	-1125	19144	0	19144	1843	20987	50.03
7	7108	665	150	7923	682	5222	0	51	6969	7265	-878	20265	0	20265	1895	22160	50.02
8	7073	443	140	7656	641	5214	0	255	7418	7533	-831	20468	0	20468	1996	22464	50.06
9	6826	422	140	7388	1026	5190	0	566	7711	7919	-1268	20821	0	20821	2158	22979	50.09
10	6703	442	130	7275	1396	5128	0	716	7617	8010	-1378	21148	0	21148	2383	23530	50.06
11	6783	437	140	7360	1402	5119	0	784	7871	7370	-1359	20676	0	20676	2578	23254	50.04
12	6692	357	140	7189	1296	5087	0	736	8131	7903	-1396	20815	0	20815	2647	23462	49.97
13	6635	460	130	7225	1488	5066	0	708	7875	7867	-1419	20934	0	20934	2582	23516	49.95
14	6593	379	140	7112	1501	5034	0	671	7298	7788	-1312	20794	0	20794	2417	23211	50.02
15	6569	426	130	7125	1538	5032	0	677	7480	7381	-1312	20440	0	20440	2429	22870	49.99
16	6355	494	140	6989	1721	5060	0	514	7665	7805	-1328	20762	0	20762	2449	23210	50.00
17	6185	490	130	6805	1611	5046	0	349	7349	7577	-1296	20092	0	20092	2419	22512	49.99
18	6284	476	150	6910	1479	5078	0	185	6551	6828	-1261	19219	0	19219	2359	21578	50.00
19	6922	452	140	7514	1376	5162	0	7	5845	5893	-1168	18784	0	18784	2351	21134	50.03
20	7040	500	131	7671	1197	5224	0	0	5740	5816	-1178	18730	0	18730	2380	21110	49.97
21	6615	642	168	7425	1031	5146	0	0	5531	5681	-1139	18144	0	18144	2337	20481	50.01
22	6587	645	203	7435	991	5124	0	0	5193	5741	-1091	18200	0	18200	2244	20444	50.03
23	6545	632	217	7394	1025	5294	0	0	5299	5353	-992	18074	0	18074	2163	20237	50.00
24	6409	344	214	6967	1126	5198	0	0	5449	5358	-723	17926	0	17926	2109	20036	49.95
MUs	160.54	10.71	3.49	174.75	30.55	123.51	0.00	6.22	156.10	159.94	-28.11	466.87	0.00	466.87	53.36	520.23	50.02

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 14/Aug/2021

Position as on 6.30 Hrs of 15/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 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	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	14/08/2021	00.43	Gas shortage	
MSPGCL	Uran Unit 5	108	05/08/2021	20.02	14/08/2021	19.56	Gas shortage	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 15/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	15/08/2021	00.03	15/08/2021	05.14	EO	Attending Hot Spot
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
Waluj Aurangabad(PG) II	InterState	14/08/2021	10.57	14/08/2021	15.39	PO	For ACPG-2 Line CT AMP Work @ MSETCL Waluj.
Dabhol New koyana I	InterState	14/08/2021	13.03		Continued.	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	15/08/2021	11.04	15/08/2021	20.15	PO	Chemical washing on Disc Insulators
Khadka-Aurangabad (Waluj)	IntraState	15/08/2021	17.55		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/08/2021	18.45		Continued.	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)
Mahad - Pedambe	IntraState	22/07/2021	19.35	15/08/2021	16.55	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).
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).
Pusad - Hingoli	IntraState	14/08/2021	10.27	14/08/2021	13.17	PO	REPLACEMENT OF FLASHOVER DISC INSULATOR LOC NO.126R
Vita-Hiwarwadi	IntraState	14/08/2021	10.52	14/08/2021	13.57	PO	R-Phase Flashover Insulator String Replacement At LOC No.56(LILO Portion).
KORADI 2 - KAULEWADA CKT - II	IntraState	14/08/2021	12.10	14/08/2021	15.47	EO	Attending Hot Spot
220KV Chalisagaon-Kopergaon	IntraState	15/08/2021	12.58	15/08/2021	03.58	T	Distance Protection
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bhel Ptr 1 @Padghe	IntraState	14/08/2021	12.04	14/08/2021	22.41	PO	Reroofing Of Master Trip Relay 86A,86B Connection Of Metering CT & PT Cores. BI & BO To BCU.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	14/08/2021	13.15	14/08/2021	14.23	PO	TO ATTEND HOT SPOT ON R-PH LV SIDE CT
220/132 KV 150MVA ICT I @ Boisar	IntraState	15/08/2021	01.30		Continued.	PO	Oil Filtration.

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