

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jul/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.674	2242.522	1) Gujrat	-5.223	-138.413
2) Hydro	9.445	280.448	2) Madhya Pradesh	3.534	122.720
3) Gas	4.633	106.072	3) Chattisgarh	3.930	84.090
Total MSPGCL	102.752	2629.042	4) Maharashtra	111.439	2996.119
B) 1) APLM	48.133	1347.861	5) Goa (Amona)	-1.293	-15.051
2) JSWEL	15.578	376.590	Total	112.387	3049.465
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.708	607.526
4) RPL(AMT)	14.530	497.934	b) Mumbai Drawl	27.923	623.060
5) SWPGPL	2.300	117.794	c) MSEDCL Bilateral *	23.563	729.684
6) Other IPP	5.000	147.708	Include PX	-0.288	128.398
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.708	604.770
C) 1) TPCL Thermal	10.047	238.974	Include PX	12.832	284.447
2) TPCL Hydro	3.456	94.406	Standby	0.000	2.756
3) TPCL Gas	2.494	51.316	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.150	137.561	1) MSEDCL	347.327	8312.438
D) STATE			2) Mumbai Discoms	51.070	1145.317
1) Thermal	191.412	5106.944	TOTAL STATE	398.397	9457.755
(A1+C1+C4+(B1-B6))					
2) Hydro	12.901	374.854			
(A2+C2)					
3) Gas	7.127	157.388			
(A3+B7+C3)					
4) Wind	71.839	647.929			
6) SOLAR	2.731	121.175			
TOTAL STATE	286.010	6408.290			

* 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	4210	3677	3739	3634
MSPGCL Hydro	323	342	506	325
MSPGCL Gas	113	126	246	237
MSPGCL Total Generation	4646	4145	4491	4196
Central Sector Receipt	5946	4861	4314	3983
WIND	2963	3041	3017	2868
CPP / IPP Thermal	3933	3284	4098	3210
CPP / IPP Gas	0	0	0	0
SOLAR	238	366	0	0
Exchange with Mumbai	-1419	-1391	-1042	-906
MSEDCL DEMAND MET	16307	14306	14878	13351
Load Shedding	0	0	0	0
MSEDCL DEMAND	16307	14306	14878	13351
TPCL GENERATION	660	747	804	544
AEML GENERATION	284	329	377	285
MUMBAI DEMAND	2363	2467	2223	1735
STATE DEMAND MET	18670	16773	17101	15086
STATE DEMAND	18670	16773	17101	15086
Frequency (Hz)	49.94	50.03	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.04 Hrs	49.8 Hz at 09.26 Hrs	50.01	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 21/Jul/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	10.02	202.80	514	371
Unit 9	9.72	150.29	490	362
Unit 10	9.88	159.09	511	365
Total	29.63	512.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	6.96	165.18	345	280
Unit 5	4.06	160.80	340	0
Total	11.02	325.98		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	22.08	0	0
Total	0.00	22.08		
Chandrapur				
Unit 3	2.99	68.29	130	120
Unit 4	2.90	52.65	127	117
Unit 5	6.83	158.09	290	268
Unit 6	6.82	152.78	298	266
Unit 7	6.83	54.11	318	280
Unit 8	7.12	203.30	430	267
Unit 9	0.00	138.21	0	0
Total	33.50	827.44		
Paras				
Unit 3	0.00	83.94	0	0
Unit 4	3.76	60.99	173	148
Total	3.76	144.93		
Khaparkheda				
Unit 1	0.00	7.76	0	0
Unit 2	0.00	35.70	0	0
Unit 3	0.00	41.57	0	0
Unit 4	0.00	42.26	0	0
Unit 5	7.68	212.43	420	300
Total	7.68	339.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.09	56.11	133	126
Total	3.09	70.21		
Uran				
All Units	4.63	106.07	250	102
Total	4.63	106.07		
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)	0.08	4.05	23	0
Total	0.08	4.05		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.14	58.70	140	35
Stage 4	0.00	64.31	0	0
Stage 3	2.01	41.84	160	0
Total	3.15	164.86		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.35	0.81	59	0
TILLARI	0.52	1.68	52	0
BHIRA T.R.	0.52	8.88	40	0
SMLHY_PTN	4.90	101.54	228	171
GHATGHAR	0.00	2.68	0	0
Total	6.29	115.59		
Wind				
Total	71.84	647.93	0	0
Total	71.84	647.93		
CPP				
APML(Mus)	48.13	1347.86	0	0
JSWEL(Mus)	15.58	376.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	14.53	497.93	0	0
SWPGPL-Mus	2.30	117.79	0	0
Other(Mus)	5.00	147.71	0	0
Total	85.54	2487.89		
SOLAR				
Total	2.73	121.18	0	0
Total	2.73	121.18		
Tata				
Trombay 5	6.70	186.74	281	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	28.38	60	49
Trombay 7B	1.11	22.93	48	40
Trombay 8	3.34	52.23	158	136
TATA Hydro	3.46	94.41	295	18
Total	16.00	384.70		
AEML				
DTPS U-1&2	7.15	137.56	389	284
Total	7.15	137.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	88.67	2242.52	MSPGCL Total	102.75	2629.04
			MSPGCL Thml+Gas	93.31	2348.59	Koyna 1,2 & 4 Total	1.14	123.01
			MSPGCL Hydro	9.44	280.45	State Total	286.01	6408.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Jul/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	3703	333	250	4286	2854	3279	0	0	4465	4339	-1138	13620	0	13620	2006	15626	50.05
2	3645	329	237	4211	2972	3207	0	0	4373	4203	-1039	13554	0	13554	1896	15450	50.02
3	3654	330	246	4230	2965	3209	0	0	4230	4178	-958	13624	0	13624	1801	15425	50.04
4	3634	325	237	4196	2868	3210	0	0	4277	3983	-906	13351	0	13351	1735	15086	50.03
5	3633	330	246	4209	2917	3214	0	0	4446	4656	-908	14088	0	14088	1737	15825	50.01
6	3852	332	183	4367	2819	3485	0	0	4865	5040	-982	14729	0	14729	1820	16549	49.99
7	4233	356	112	4701	2769	3938	0	13	5331	5295	-997	15719	0	15719	1860	17579	50.02
8	4243	363	102	4708	2794	4163	0	114	5489	5462	-1100	16141	0	16141	1982	18123	50.04
9	4294	338	113	4745	2858	4100	0	180	5731	5595	-1277	16201	0	16201	2169	18370	50.01
10	4210	323	113	4646	2963	3933	0	238	6111	5946	-1419	16307	0	16307	2363	18670	49.94
11	3922	315	104	4341	2960	3718	0	310	6356	5544	-1497	15376	0	15376	2498	17874	49.97
12	3645	333	119	4097	3028	3286	0	335	6398	5729	-1475	15000	0	15000	2514	17514	50.03
13	3677	342	126	4145	3041	3284	0	366	5461	4861	-1391	14306	0	14306	2467	16773	50.03
14	3700	333	160	4193	2943	3386	0	334	5517	4430	-1367	13919	0	13919	2357	16276	50.03
15	3404	432	177	4013	2908	3399	0	323	4655	4756	-1346	14053	0	14053	2336	16389	49.97
16	3407	473	201	4081	3008	3400	0	282	4529	4425	-1304	13892	0	13892	2300	16192	50.00
17	3389	421	236	4046	3312	3264	0	155	4871	4713	-1238	14252	0	14252	2251	16503	49.98
18	3361	393	245	3999	2996	3446	0	69	4546	4715	-1168	14057	0	14057	2222	16279	49.99
19	3545	571	226	4342	3046	3802	0	12	4514	4574	-1040	14736	0	14736	2219	16955	49.99
20	3739	506	246	4491	3017	4098	0	0	4866	4314	-1042	14878	0	14878	2223	17101	50.01
21	3438	519	235	4192	3183	3912	0	0	4767	4427	-1100	14614	0	14614	2165	16779	50.00
22	3491	497	236	4224	3207	3718	0	0	4303	4017	-1088	14078	0	14078	2107	16185	50.01
23	3495	476	247	4218	3191	3637	0	0	4001	3686	-1076	13656	0	13656	2048	15704	50.02
24	3360	475	236	4071	3220	3453	0	0	3920	3499	-1067	13176	0	13176	1994	15170	50.05
MUs	88.67	9.45	4.63	102.75	71.84	85.54	0.00	2.73	118.02	112.39	-27.92	347.33	0.00	347.33	51.07	398.40	50.01

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 21/Jul/2021

Position as on 6.30 Hrs of 22/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U3	300	09/07/2021	12.12	21/07/2021	11.38	Annual Overhaul	
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	Uran Unit A0	120	22/07/2021	00.06		Continued.	Maintenance work	
MSPGCL	Uran Unit 5	108	22/07/2021	00.06		Continued.	Maintenance work	
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		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 2	210	16/07/2021	00.12		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 3	210	16/07/2021	00.29		Continued.	Zero schedule	
MSPGCL	Khaparkheda Unit 4	210	16/07/2021	02.00		Continued.	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		Continued.	Zero schedule.	
IPP	SWPGPL U-2	135	19/07/2021	23.51		Continued.	Zero schedule.	
MSPGCL	Paras Unit 3	250	20/07/2021	00.35		Continued.	Annual Overhaul	
MSPGCL	Uran Unit B0	120	21/07/2021	05.34	21/07/2021	15.35	Due to LBB Protection Operated	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Jul/2021

Position as on 6.30 Hrs of 22/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	21/07/2021	05.34	21/07/2021	11.43	Due to LBB Protection Operated.	
MSPGCL	Bhusawal Unit 5	500	21/07/2021	14.08		Continued.	Zero schedule.	
MSPGCL	Parli Unit 4	210	22/07/2021	06.00		Continued.	auxiliary consumption	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 22/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kv 1500MVA ICT @ Akola-II	IntraState	22/07/2021	02.17		Continued.	T	PRD Operated.
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
Dhule Sar'Sarovar I	InterState	21/07/2021	02.06		Continued.	T	Tripped at SSP on over voltage DT received at dhule end.
Girwali - Lonikand 1	IntraState	14/07/2021	09.29		Continued.	PO	Dismantling / De-stringning, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Khadka-Aurangabad (Waluj)	IntraState	18/07/2021	18.02	21/07/2021	09.22	HT	Over Voltage
Chandrapur - Parli	IntraState	20/07/2021	02.12	21/07/2021	07.17	T	Over Voltage
Karad-Jaigad - I	IntraState	21/07/2021	00.15	21/07/2021	09.21	HT	Over Voltage
Chandrapur-Parali III	IntraState	21/07/2021	11.28		Continued.	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/07/2021	20.50		Continued.	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	22/07/2021	02.17		Continued.	T	Water clogging
Akola II - RPL(Rattanindia) Ckt-II	IntraState	22/07/2021	02.17		Continued.	T	Water clogging
Akola II - Akola I Ckt-I	IntraState	22/07/2021	02.17		Continued.	T	Water clogging
Akola II - RPL(Rattanindia) Ckt I	IntraState	22/07/2021	02.17		Continued.	T	Water clogging
Chandrapur-II - Nanded ckt II	IntraState	22/07/2021	03.00		Continued.	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.
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)
Borivali - Tarapur	InterState	21/07/2021	09.52	21/07/2021	18.13	EO	Removal of heavily rusted & strand cut earth-wire at locno. 10-28, 30-34, 36-37, 38-40, 43-49.
Wadkhal(GIS)-JSW(GIS) I	IntraState	16/07/2021	17.50		Continued.	PO	For replacement of existing 1200/1A GIS metering CTs with new 1600/1A GIS CTs.
Uran - Kharghar I	IntraState	21/07/2021	05.33	21/07/2021	07.33	T	Due to LBB Protection Operated.
Uran - Apta III	IntraState	21/07/2021	05.33	21/07/2021	07.08	T	Due to LBB Protection Operated.
Uran - Apta II	IntraState	21/07/2021	05.33	21/07/2021	07.05	T	Due to LBB Protection Operated.
Uran - Ongc Uran	IntraState	21/07/2021	05.33	21/07/2021	07.12	T	Due to LBB Protection Operated.
Boisar II - Tarapur	IntraState	21/07/2021	09.47	21/07/2021	18.43	EO	Removal of heavily rusted & strand cut earth-wire at loc no.10-28, 30-34, 36-37, 38-40, 43-49.
Parly-Parly Extn-I	IntraState	21/07/2021	12.27	21/07/2021	16.32	EO	Attending Hot Spot
Butibori-Sunvijay	IntraState	21/07/2021	14.19	21/07/2021	15.32	PO	PT selection relay wiring work.
Kandalgaon - ONGC Panvel	IntraState	22/07/2021	01.55		Continued.	T	Distance Protection
Kandalgaon - Koyna (Pophali)	IntraState	22/07/2021	05.07		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	18/07/2021	11.03		Continued.	PO	Attending oil leakage from main tank.
200/132KV 100MVA ICT-1@Butibori	IntraState	21/07/2021	12.35	21/07/2021	14.16	PO	PT selection relay wiring work.

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