

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.699	1537.321	1) Gujrat	-9.927	-81.514
2) Hydro	8.960	217.962	2) Madhya Pradesh	4.229	89.961
3) Gas	4.082	69.749	3) Chattisgarh	3.560	58.230
Total MSPGCL	124.741	1825.032	4) Maharashtra	129.749	2076.183
B) 1) APLM	59.258	936.145	5) Goa (Amona)	-0.918	-9.089
2) JSWEL	17.127	269.155	Total	126.693	2133.771
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.355	421.857
4) RPL(AMT)	19.098	378.292	b) Mumbai Drawl	31.293	418.350
5) SWPGPL	6.283	78.947	c) MSEDCL Bilateral *	27.369	558.052
6) Other IPP	6.498	104.685	Include PX	-1.672	139.765
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.355	419.431
C) 1) TPCL Thermal	11.322	165.188	Include PX	14.954	197.095
2) TPCL Hydro	2.454	76.996	Standby	0.000	2.426
3) TPCL Gas	2.668	33.068	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.435	92.291	1) MSEDCL	371.901	5745.295
D) STATE			2) Mumbai Discoms	52.172	785.893
1) Thermal	235.720	3562.024	TOTAL STATE	424.073	6531.188
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.414	294.958			
3) Gas (A3+B7+C3)	6.750	102.817			
4) Wind	39.376	352.361			
6) SOLAR	4.120	85.257			
TOTAL STATE	297.380	4397.417			

* 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	4942	4245	5352	4234
MSPGCL Hydro	508	385	348	265
MSPGCL Gas	133	134	210	139
MSPGCL Total Generation	5583	4764	5910	4638
Central Sector Receipt	6544	6381	4667	4726
WIND	1470	1535	1777	1623
CPP / IPP Thermal	4689	4109	5479	4015
CPP / IPP Gas	0	0	0	0
SOLAR	303	526	0	0
Exchange with Mumbai	-1571	-1513	-1335	-970
MSEDCL DEMAND MET	17018	15802	16498	14032
Load Shedding	0	0	0	0
MSEDCL DEMAND	17018	15802	16498	14032
TPCL GENERATION	694	941	769	525
AEML GENERATION	243	251	147	148
MUMBAI DEMAND	2508	2705	2251	1643
STATE DEMAND MET	19526	18507	18749	15675
STATE DEMAND	19526	18507	18749	15675
Frequency (Hz)	50.00	50.08	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:01 Hrs	49.89 Hz at 14:51 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/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	10.46	129.20	500	370
Unit 9	0.00	98.54	0	0
Unit 10	9.28	88.80	460	330
Total	19.74	316.55		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.54	111.57	445	285
Unit 5	7.49	113.26	445	285
Total	15.03	224.83		
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	3.19	46.03	148	122
Unit 4	3.26	29.77	170	120
Unit 5	7.68	106.02	415	275
Unit 6	7.36	99.80	360	280
Unit 7	6.09	7.31	281	231
Unit 8	8.67	141.99	460	270
Unit 9	8.54	137.70	450	282
Total	44.77	568.62		
Paras				
Unit 3	3.82	64.10	186	146
Unit 4	3.84	32.95	233	150
Total	7.66	97.05		
Khaparkheda				
Unit 1	2.52	4.94	115	90
Unit 2	2.81	32.50	120	115
Unit 3	3.24	37.74	145	130
Unit 4	3.20	38.25	150	130
Unit 5	9.57	147.75	485	300
Total	21.34	261.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	14.10	0	0
Unit 5	3.15	32.91	136	125
Total	3.15	47.02		
Uran				
All Units	4.08	69.75	270	122
Total	4.08	69.75		
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)	0.09	3.45	27	0
Total	0.09	3.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.87	47.28	405	35
Stage 4	0.04	62.64	40	0
Stage 3	1.41	30.68	150	0
Total	3.32	140.61		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.16	0	0
BHIRA T.R.	0.40	6.01	40	0
SMLHY_PTN	5.24	67.76	223	213
GHATGHAR	0.00	2.43	0	0
Total	5.64	77.35		
Wind				
Total	39.38	352.36	0	0
Total	39.38	352.36		
CPP				
APML(Mus)	59.26	936.14	0	0
JSWEL(Mus)	17.13	269.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.10	378.29	0	0
SWPGPL-Mus	6.28	78.95	0	0
Other(Mus)	6.50	104.68	0	0
Total	108.26	1767.22		
SOLAR				
Total	4.12	85.26	0	0
Total	4.12	85.26		
Tata				
Trombay 5	7.35	137.92	466	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	18.24	63	62
Trombay 7B	1.18	14.83	50	49
Trombay 8	3.97	27.26	218	134
TATA Hydro	2.45	77.00	261	2
Total	16.44	275.25		
AEMIL				
DTPS U-1&2	4.44	92.29	251	147
Total	4.44	92.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	111.70	1537.32	MSPGCL Total	124.74	1825.03
			MSPGCL Thml+Gas	115.78	1607.07	Koyna 1,2 & 4 Total	1.91	109.92
			MSPGCL Hydro	8.96	217.96	State Total	297.38	4397.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	4348	329	139	4816	1996	4305	0	0	4550	4633	-1234	14516	0	14516	1909	16425	50.00
2	4255	264	139	4658	1843	4274	0	0	4711	4489	-1117	14147	0	14147	1790	15937	50.01
3	4248	259	138	4645	1783	4128	0	0	4688	4491	-1033	14014	0	14014	1706	15720	50.04
4	4234	265	139	4638	1623	4015	0	0	4767	4726	-970	14032	0	14032	1643	15675	50.04
5	4379	266	138	4783	1413	4071	0	0	4759	5010	-978	14299	0	14299	1653	15952	50.02
6	4975	265	137	5377	1326	4478	0	0	4985	4970	-1021	15130	0	15130	1699	16829	50.02
7	5054	308	134	5496	1678	4933	0	33	5315	4941	-1055	16026	0	16026	1749	17775	50.00
8	4941	267	129	5337	1720	4977	0	136	5817	5615	-1224	16561	0	16561	1924	18485	50.02
9	4838	308	134	5280	1477	4714	0	240	6005	6154	-1485	16380	0	16380	2202	18582	50.01
10	4942	508	133	5583	1470	4689	0	303	6452	6544	-1571	17018	0	17018	2508	19526	50.00
11	4906	380	133	5419	1249	4578	0	406	6745	5985	-1549	16088	0	16088	2679	18767	50.02
12	4582	374	122	5078	1502	4308	0	550	6705	6477	-1498	16417	0	16417	2746	19163	50.05
13	4245	385	134	4764	1535	4109	0	526	6688	6381	-1513	15802	0	15802	2705	18507	50.08
14	4229	379	158	4766	1541	3766	0	606	6246	5982	-1524	15137	0	15137	2575	17712	50.13
15	4239	376	153	4768	1694	3656	0	579	5969	6235	-1516	15416	0	15416	2522	17938	49.99
16	4281	742	170	5193	1767	3942	0	342	5850	5894	-1524	15614	0	15614	2476	18090	49.97
17	4385	620	200	5205	1621	4277	0	242	5624	5862	-1460	15747	0	15747	2408	18155	49.99
18	4742	387	207	5336	1622	4555	0	137	5377	5307	-1331	15626	0	15626	2330	17956	49.98
19	4922	385	210	5517	1574	4922	0	20	5147	5461	-1337	16157	0	16157	2275	18432	49.97
20	5352	348	210	5910	1777	5479	0	0	5093	4667	-1335	16498	0	16498	2251	18749	50.02
21	5100	402	270	5772	1830	5465	0	0	4639	4296	-1283	16080	0	16080	2198	18278	50.05
22	4937	413	243	5593	1786	5047	0	0	4346	4544	-1290	15680	0	15680	2176	17856	50.02
23	4813	393	257	5463	1873	4939	0	0	4294	4001	-1242	15034	0	15034	2069	17103	50.00
24	4752	337	255	5344	1676	4637	0	0	4472	4028	-1203	14482	0	14482	1979	16461	50.02
MUs	111.70	8.96	4.08	124.74	39.38	108.26	0.00	4.12	129.24	126.69	-31.29	371.90	0.00	371.90	52.17	424.07	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/Jul/2021

Position as on 6.30 Hrs of 15/Jul/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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)	
IPP	JSW (J) U3	300	09/07/2021	12.12		Continued.	Annual Overhaul	
MSPGCL	Uran Unit A0	120	11/07/2021	01.40	14/07/2021	20.00	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Uran Unit 5	108	11/07/2021	01.40	14/07/2021	13.45	Tripped on jerk.(Due to tripping of 220 Nerul-Kharghar line)	
MSPGCL	Koradi Unit 9	660	11/07/2021	12.10		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	12/07/2021	18.00		Continued.	Zero Schedule.	
AEML	AEML Unit 1	250	13/07/2021	12.43		Continued.	Turbine balancing work.	
MSPGCL	Koyna Unit 8	80	14/07/2021	08.00		Continued.	Preventive Maintenance Work	
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 B0	120	15/07/2021	13.45		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	15/07/2021	13.45		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	15/07/2021	23.57		Continued.	Zero schedule	

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

Statement-VII

Position as on 6.30 Hrs of 15/Jul/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/Tripping							
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	15/07/2021	08.08	15/07/2021	11.18	EO	Attending Hot Spot
Khadka - Bableshtar	IntraState	06/07/2021	10.29		Continued.	PO	Samruddhi Expressway crossing 400kv Tower Erection ,stringing and dismantling work.
Deepnagar - Aurangabad	IntraState	14/07/2021	08.42	14/07/2021	18.21	PO	Replacement work
Girwali - Lonikand 1	IntraState	14/07/2021	09.29		Continued.	PO	Dismantling / De-stringing, tower erection and stringing work between span 258-259 for LILO arrangement to proposed 400kv karjat station.
Koradi-Khaparkheda I	IntraState	14/07/2021	10.39	14/07/2021	17.27	PO	Testing Work
Deepnagar - Aurangabad	IntraState	15/07/2021	08.40	15/07/2021	17.59	PO	Replacement of faulty disc insulator string.
400 KV ICT Outages/Tripping							
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 Kv 500 MVA ICT II @Lamboti	IntraState	14/07/2021	10.10	14/07/2021	13.52	PO	Dignostic Testing Work
220 KV LINE Outages/Tripping							
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)
EKLAHARE (OCR) Nasik Navsari II	InterState	15/07/2021	13.31	15/07/2021	17.56	PO	Replacement of SEMs Meters due to time drift issue.
Uran - Kharghar 2	IntraState	10/07/2021	10.18	14/07/2021	15.28	PO	Carrying out the new conductor stringing at Loc.No.46(New) and 47(New) for height raising work i.e. stringing of new conductor from Loc.No.45 to 48.
Chikhli-Jalna-II	IntraState	12/07/2021	08.59	15/07/2021	11.10	PO	To facilitate lct 1 outage at 400kv akola S/ST.
Chikhli-Jalna-I	IntraState	12/07/2021	08.59	15/07/2021	11.10	PO	To facilitate lct outage at 400kv akola S/ST.
Koradi-Ambazari-II	IntraState	14/07/2021	09.25	14/07/2021	15.51	PO	For Replacement of flashover string at various loc.
Chalisingaon - Deepnagar	IntraState	14/07/2021	10.01	14/07/2021	19.12	PO	Bay maintenance work.
Purti-Bhugaon	IntraState	14/07/2021	10.30	14/07/2021	13.50	HT	Attending Hot Spot
Karad(400kv) -Nigade	IntraState	14/07/2021	11.20	14/07/2021	13.33	EO	Attending Hot Spot
OSMANABAD BARSHI	IntraState	14/07/2021	11.41	14/07/2021	14.42	PO	Replacement work
Vita-Hiwarwadi	IntraState	14/07/2021	14.17	14/07/2021	16.11	PO	Maintenance Work
Chakan (400kv)-Bridgestone	IntraState	15/07/2021	09.29	15/07/2021	18.29	PO	LILO line for taking 220kv line-2 at 220kv Volkswagon SS in service & work of jumpering from bus section iso to existing bus & the stringing work loc 31-32 M/C line.
Chakan (400kv)-Volkswagon	IntraState	15/07/2021	09.32	15/07/2021	16.46	PO	LILO line for taking 220kv line-2 at 220kv Volkswagon SS in service & work of jumpering from bus section iso to existing bus & the stringing work loc 31-32 M/C line.
Trombay - Mulund	IntraState	15/07/2021	09.51	15/07/2021	18.46	PO	Stringing of OPGW cable from loc no.65 to 73.
Butibori - Khaperkheda	IntraState	15/07/2021	11.14	15/07/2021	14.06	PO	Diagnostic testing and commissioning of PT selection panel work.
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	15/07/2021	13.31	15/07/2021	15.28	PO	Replacement of SEMs Meters due to time drift issue.

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 14/Jul/2021

Statement-VII

Position as on 6.30 Hrs of 15/Jul/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Phulambri-Bhokardan	IntraState	15/07/2021	20.05	15/07/2021	20.50	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	14/07/2021	11.10	14/07/2021	13.57	PO	Protection Relay Testing Work.
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	14/07/2021	11.10	14/07/2021	13.56	PO	Quarterly Maintenance Work
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	14/07/2021	11.59	14/07/2021	13.25	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva Ict 2 @Tuljapur	IntraState	15/07/2021	10.52	15/07/2021	18.32	PO	Side work and Testing of HV CB.
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	15/07/2021	11.35	15/07/2021	14.32	T	Distance Protection

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