

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Aug/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.457	2442.421	1) Gujrat	-11.001	-147.926
2) Hydro	11.547	206.838	2) Madhya Pradesh	-2.502	76.050
3) Gas	6.653	77.355	3) Chattisgarh	3.180	66.630
Total MSPGCL	148.657	2726.614	4) Maharashtra	142.515	2725.819
B) 1) APML	60.137	1079.614	5) Goa (Amona)	-0.499	-19.603
2) JSWEL	20.054	370.886	Total	131.693	2700.970
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.152	409.495
4) RPL(AMT)	23.398	439.783	b) Mumbai Drawl	26.121	460.783
5) SWPGPL	4.631	95.055	c) MSEDCL Bilateral *	26.796	749.264
6) Other IPP	5.224	112.636	Include PX	-0.897	207.356
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.152	409.495
C) 1) TPCL Thermal	11.882	235.350	Include PX	3.379	171.695
2) TPCL Hydro	6.735	97.031	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.540	178.579	1) MSEDCL	396.246	7760.472
D) STATE			2) Mumbai Discoms	52.278	984.219
1) Thermal	263.323	4954.324	TOTAL STATE	448.524	8744.691
(A1+C1+C4+(B1-B6))					
2) Hydro	18.282	303.869			
(A2+C2)					
3) Gas	6.653	89.831			
(A3+B7+C3)					
4) Wind	25.670	595.961			
6) SOLAR	2.903	99.736			
TOTAL STATE	316.831	6043.721			

* 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	5811	5061	5750	5490
MSPGCL Hydro	371	410	1060	335
MSPGCL Gas	278	267	279	288
MSPGCL Total Generation	6460	5738	7089	6113
Central Sector Receipt	6516	6500	5300	4292
WIND	1168	622	1264	903
CPP / IPP Thermal	4849	5070	4969	4305
CPP / IPP Gas	0	0	0	0
SOLAR	374	342	0	0
Exchange with Mumbai	-1115	-1322	-837	-839
MSEDCL DEMAND MET	18252	16950	17785	14774
Load Shedding	0	0	0	0
MSEDCL DEMAND	18252	16950	17785	14774
TPCL GENERATION	962	1039	1084	524
AEML GENERATION	494	285	501	284
MUMBAI DEMAND	2571	2646	2422	1647
STATE DEMAND MET	20823	19596	20207	16421
STATE DEMAND	20823	19596	20207	16421
Frequency (Hz)	50.03	49.98	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.01 Hrs	49.81 Hz at 02.40 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 18/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.06	38.33	140	100
Unit 7	0.00	0.00	0	0
Unit 8	10.49	179.96	526	347
Unit 9	8.54	190.63	425	300
Unit 10	9.04	171.57	565	220
Total	31.15	580.49		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	8.41	179.00	465	280
Unit 5	8.38	177.44	470	280
Total	16.80	382.20		
Parli				
Unit 6	4.69	51.65	219	176
Unit 7	4.86	58.04	248	180
Unit 8	4.81	66.20	206	192
Total	14.36	175.88		
Chandrapur				
Unit 3	2.80	58.35	122	106
Unit 4	2.98	64.21	165	85
Unit 5	7.06	146.66	340	275
Unit 6	6.06	144.30	300	185
Unit 7	6.81	122.96	300	264
Unit 8	9.45	185.21	430	350
Unit 9	2.49	2.49	258	0
Total	37.66	724.19		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.02	84.44	227	152
Total	4.02	84.44		
Khaparkheda				
Unit 1	2.42	42.46	115	85
Unit 2	2.56	49.32	115	85
Unit 3	3.30	58.05	166	130
Unit 4	3.20	57.96	190	120
Unit 5	8.34	186.40	435	285
Total	19.83	394.17		
Nasik				
Unit 3	3.27	36.24	190	122
Unit 4	3.38	39.08	198	125
Unit 5	0.00	25.72	0	0
Total	6.65	101.04		
Uran				
All Units	6.65	77.36	289	267
Total	6.65	77.36		
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)	0.50	8.08	23	0
Total	0.50	8.08		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.00	44.10	265	45
Stage 4	1.07	1.56	476	0
Stage 3	0.92	15.92	80	0
Total	3.99	61.59		
Hydro				
KDPH	0.86	15.21	36	36
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.51	8.12	40	0
SMLHY_PTN	6.06	106.36	260	235
GHATGHAR	0.13	9.10	119	0
Total	7.56	145.25		
Wind				
Total	25.67	595.96	0	0
Total	25.67	595.96		
CPP				
APML(Mus)	60.14	1079.61	0	0
JSWEL(Mus)	20.05	370.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.40	439.78	0	0
SWPGPL-Mus	4.63	95.06	0	0
Other(Mus)	5.22	112.64	0	0
Total	113.44	2097.97		
SOLAR				
Total	2.90	99.74	0	0
Total	2.90	99.74		
Tata				
Trombay 5	7.86	156.94	459	276
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	4.02	78.41	226	137
TATA Hydro	6.74	97.03	421	86
Total	18.62	344.86		
AEML				
DTPS U-1&2	7.54	178.58	501	284
Total	7.54	178.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.46	2442.42	MSPGCL Total	148.66	2726.61
			MSPGCL Thml+Gas	137.11	2519.78	Koyna 1,2 & 4 Total	3.07	45.67
			MSPGCL Hydro	11.55	206.84	State Total	316.83	6043.72

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5611	339	278	6228	743	4799	0	0	4311	4193	-1036	14927	0	14927	1930	16857	50.01
2	5615	376	279	6270	847	4467	0	0	4211	4085	-939	14730	0	14730	1805	16535	49.97
3	5599	360	268	6227	903	4332	0	0	4262	4278	-876	14864	0	14864	1713	16577	49.91
4	5490	335	288	6113	903	4305	0	0	4418	4292	-839	14774	0	14774	1647	16421	49.95
5	5394	452	279	6125	938	4151	0	0	4521	4657	-841	15030	0	15030	1630	16660	49.97
6	5607	483	269	6359	1058	4571	0	0	4771	4663	-911	15740	0	15740	1714	17454	50.00
7	5714	401	278	6393	1165	4786	0	27	5730	5732	-950	17153	0	17153	1787	18940	50.00
8	5855	348	289	6492	1077	4604	0	141	6006	6686	-1083	17917	0	17917	1974	19891	49.99
9	5812	514	268	6594	1083	4712	0	229	6258	6594	-1243	17969	0	17969	2272	20241	50.03
10	5811	371	278	6460	1168	4849	0	374	6496	6516	-1115	18252	0	18252	2571	20823	50.03
11	5287	373	278	5938	984	4961	0	397	6787	6658	-1322	17616	0	17616	2727	20343	50.00
12	5103	424	267	5794	790	4993	0	370	6799	7081	-1366	17662	0	17662	2724	20386	49.94
13	5061	410	267	5738	622	5070	0	342	6621	6500	-1322	16950	0	16950	2646	19596	49.98
14	5099	367	289	5755	604	4914	0	367	6395	6451	-1197	16894	0	16894	2484	19378	50.01
15	5039	445	278	5762	837	4654	0	250	6344	6458	-1173	16788	0	16788	2445	19233	49.99
16	5029	463	268	5760	1091	4692	0	208	6374	6342	-1243	16850	0	16850	2396	19246	50.01
17	4998	917	279	6194	1233	4391	0	138	6150	6215	-1261	16910	0	16910	2362	19272	50.02
18	5266	546	269	6081	1282	4709	0	58	5653	6203	-1260	17073	0	17073	2358	19431	50.04
19	5643	821	289	6753	1225	4992	0	2	5100	5248	-1068	17152	0	17152	2368	19520	50.02
20	5750	1060	279	7089	1264	4969	0	0	5012	5300	-837	17785	0	17785	2422	20207	49.96
21	5605	457	269	6331	1507	4972	0	0	4989	4885	-986	16709	0	16709	2266	18975	50.02
22	5436	457	279	6172	1502	4916	0	0	4674	4459	-1117	15932	0	15932	2126	18058	50.02
23	5308	457	289	6054	1441	4862	0	0	4246	4349	-1080	15626	0	15626	2004	17630	50.03
24	5325	371	279	5975	1403	4772	0	0	4295	3848	-1056	14942	0	14942	1907	16849	50.02
MUs	130.46	11.55	6.65	148.66	25.67	113.44	0.00	2.90	130.42	131.69	-26.12	396.25	0.00	396.25	52.28	448.52	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 18/Aug/2021

Position as on 6.30 Hrs of 19/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	18/08/2021	09.39	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 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	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	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		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	18/08/2021	14.10		Continued.	PA Fan Bearing Vibration.	
IPP	Dhariwal	300	18/08/2021	23.52		Continued.	Annual Overhaul.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 19/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
Dabhol New koyna I	InterState	14/08/2021	13.03	18/08/2021	11.41	T	Distance Protection
Dhule Sar'Sarovar I	InterState	17/08/2021	15.17	18/08/2021	23.28	T	Distance Protection
Dabhol Nagothane I	InterState	18/08/2021	06.19	18/08/2021	07.08	T	Tripped at Dabhol end only
Khadka-Aurangabad (Waluj)	IntraState	17/08/2021	23.10	18/08/2021	09.20	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	18/08/2021	10.49	18/08/2021	19.12	PO	Measurement of Tan Delta.
N.Koyna-Karad -Ckt II	IntraState	18/08/2021	20.45	19/08/2021	06.47	HT	For Safety Purpose.
N.Koyna-Karad -Ckt I	IntraState	18/08/2021	20.45	19/08/2021	06.43	HT	For Safety Purpose.
Khadka-Aurangabad (Waluj)	IntraState	18/08/2021	20.58		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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	18/08/2021	01.54		Continued.	T	Buchholez tripped.
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)
PARLY (PG) - OLD GCR PARLI	InterState	18/08/2021	17.47	18/08/2021	19.07	PO	Attending Hot Spot
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	18/08/2021	19.58	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).
Chikhli-Jalna-I	IntraState	14/08/2021	15.21	18/08/2021	10.06	HT	Overloading of Akola ICT.
Chikhli-Jalna-II	IntraState	14/08/2021	15.21	18/08/2021	10.06	HT	Overloading of Akola ICT.
Badnera Tss-Ii	IntraState	16/08/2021	18.16		Continued.	T	R-Ph string decap from gantry at badnera end.
KORADI 2 - KAULEWADA CKT - II	IntraState	17/08/2021	16.31	18/08/2021	16.45	T	Distance Protection
Wardha - Wardha Rly Tss 2	IntraState	18/08/2021	10.00	18/08/2021	14.00	PO	CT Tan Delta.
Wathar - Mudshingi 3 Line	IntraState	18/08/2021	10.25	18/08/2021	13.42	PO	Quarterly Maintainance Work
khaparkheda-Khaparkheda(new)-I	IntraState	18/08/2021	12.13	18/08/2021	15.16	PO	For Smooth & Safe Erection of Conveyor Galleries Passing Below 220 KV Lines.
Padghe - Jambhul 1	IntraState	18/08/2021	14.01	18/08/2021	14.47	T	Distance Protection
Jambhul - Anandnagar	IntraState	18/08/2021	14.11	18/08/2021	14.23	T	Distance Protection
Koradi-Ambazari-I	IntraState	18/08/2021	15.38	18/08/2021	17.54	PO	Replacement Of Flashover String At Loc 23 Top Phase.
220KV Chalisagaon-Kopergaon	IntraState	18/08/2021	18.57	18/08/2021	19.58	EO	Replacement of faulty flashover Normal string loc 23 B PH. Work Will Be Carried Out In Off Line.
220 KV ICT Outages/Trippings							

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 18/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 19/Aug/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 150MVA ICT I @ Boisar	IntraState	15/08/2021	01.30		Continued.	PO	Oil Filtration.
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	17/08/2021	14.45	18/08/2021	21.30	PO	Replacement of MOG
110 KV LINE Outages/Trippings							
Kalwa Kalyan	IntraState	18/08/2021	08.04	18/08/2021	18.48	EO	Insulator Replacement Work

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