

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Aug/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.223	2163.187	1) Gujrat	-9.912	-127.506
2) Hydro	12.272	185.380	2) Madhya Pradesh	1.608	79.326
3) Gas	4.231	66.916	3) Chattisgarh	3.010	61.290
Total MSPGCL	173.726	2415.483	4) Maharashtra	158.869	2432.650
B) 1) APML	64.004	953.471	5) Goa (Amona)	-0.749	-18.608
2) JSWEL	20.285	330.386	Total	152.826	2427.152
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.512	373.084
4) RPL(AMT)	25.097	391.038	b) Mumbai Drawl	24.015	408.898
5) SWPGPL	6.237	84.434	c) MSEDCL Bilateral *	39.799	684.650
6) Other IPP	6.713	101.189	Include PX	8.860	200.133
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.512	373.084
C) 1) TPCL Thermal	12.840	211.504	Include PX	4.673	163.028
2) TPCL Hydro	6.716	83.118	Standby	0.000	0.000
3) TPCL Gas	0.000	12.476	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.273	162.311	1) MSEDCL	440.422	6943.108
D) STATE			2) Mumbai Discoms	52.844	878.307
1) Thermal	301.672	4397.520	TOTAL STATE	493.266	7821.415
(A1+C1+C4+(B1-B6))					
2) Hydro	18.988	268.498			
(A2+C2)					
3) Gas	4.231	79.392			
(A3+B7+C3)					
4) Wind	10.420	554.618			
6) SOLAR	5.129	94.235			
TOTAL STATE	340.440	5394.263			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6938	6948	6642	5892
MSPGCL Hydro	470	430	975	324
MSPGCL Gas	236	177	121	222
MSPGCL Total Generation	7644	7555	7738	6438
Central Sector Receipt	8287	8017	5746	4920
WIND	235	226	667	621
CPP / IPP Thermal	5169	5155	5098	5049
CPP / IPP Gas	0	0	0	0
SOLAR	679	616	0	0
Exchange with Mumbai	-1318	-1313	-776	-1002
MSEDCL DEMAND MET	20696	20256	18473	16026
Load Shedding	0	0	0	0
MSEDCL DEMAND	20696	20256	18473	16026
TPCL GENERATION	1093	1057	1168	416
AEML GENERATION	285	285	500	286
MUMBAI DEMAND	2696	2655	2444	1704
STATE DEMAND MET	23392	22911	20917	17730
STATE DEMAND	23392	22911	20917	17730
Frequency (Hz)	50.00	49.98	49.89	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 00.01 Hrs	49.6 Hz at 18.59 Hrs	49.93	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 16/Aug/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.59	31.93	175	125
Unit 7	0.00	0.00	0	0
Unit 8	12.50	157.06	540	445
Unit 9	10.34	171.32	463	366
Unit 10	11.86	150.23	560	385
Total	38.29	510.54		
Bhusawal				
Unit 3	0.00	25.75	0	0
Unit 4	10.90	160.59	495	285
Unit 5	11.18	158.97	500	285
Total	22.07	345.31		
Parli				
Unit 6	3.51	42.17	248	119
Unit 7	5.44	48.18	248	194
Unit 8	4.87	56.44	208	200
Total	13.82	146.79		
Chandrapur				
Unit 3	3.18	52.62	147	122
Unit 4	3.73	57.77	175	120
Unit 5	8.51	131.44	395	280
Unit 6	8.89	130.42	415	280
Unit 7	8.69	108.43	400	290
Unit 8	10.81	165.23	465	427
Unit 9	0.00	0.00	0	0
Total	43.82	645.90		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.29	75.83	250	152
Total	5.29	75.83		
Khaparkheda				
Unit 1	3.22	37.46	155	115
Unit 2	3.46	43.72	170	115
Unit 3	4.36	51.04	212	135
Unit 4	4.25	51.16	210	130
Unit 5	10.65	167.87	500	395
Total	25.94	351.25		
Nasik				
Unit 3	3.92	29.56	190	122
Unit 4	4.08	32.29	199	125
Unit 5	0.00	25.72	0	0
Total	8.00	87.57		
Uran				
All Units	4.23	66.92	276	30
Total	4.23	66.92		
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)	0.55	7.00	23	22
Total	0.55	7.00		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.20	40.47	480	40
Stage 4	0.22	0.49	189	0
Stage 3	1.10	14.47	154	0
Total	4.53	55.43		
Hydro				
KDPH	0.86	13.48	36	36
VTRNA	0.00	0.29	0	0
TILLARI	0.00	6.17	0	0
BHIRA T.R.	0.55	7.10	40	0
SMLHY_PTN	5.50	94.20	265	205
GHATGHAR	0.83	8.71	250	0
Total	7.74	129.95		
Wind				
Total	10.42	554.62	0	0
Total	10.42	554.62		
CPP				
APML(Mus)	64.00	953.47	0	0
JSWEL(Mus)	20.28	330.39	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.10	391.04	0	0
SWPGPL-Mus	6.24	84.43	0	0
Other(Mus)	6.71	101.19	0	0
Total	122.34	1860.52		
SOLAR				
Total	5.13	94.24	0	0
Total	5.13	94.24		
Tata				
Trombay 5	8.58	141.29	483	278
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	4.26	70.21	226	136
TATA Hydro	6.72	83.12	459	55
Total	19.56	307.10		
AEML				
DTPS U-1&2	9.27	162.31	502	285
Total	9.27	162.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.22	2163.19	MSPGCL Total	173.73	2415.48
			MSPGCL Thml+Gas	161.45	2230.10	Koyna 1,2 & 4 Total	3.43	40.96
			MSPGCL Hydro	12.27	185.38	State Total	340.44	5394.26

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 16/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	5667	419	231	6317	662	4563	0	0	5001	5148	-741	15949	0	15949	1928	17877	49.93
2	5665	600	211	6476	625	4676	0	0	5042	5384	-1019	16142	0	16142	1793	17935	49.93
3	5892	324	222	6438	621	5049	0	0	5011	4920	-1002	16026	0	16026	1704	17730	50.02
4	5934	307	211	6452	547	5047	0	0	5032	5000	-947	16099	0	16099	1651	17750	50.04
5	6002	292	212	6506	479	5090	0	0	4998	5364	-939	16500	0	16500	1642	18142	49.99
6	6504	294	221	7019	423	5109	0	0	5249	5803	-933	17421	0	17421	1704	19125	49.97
7	6631	341	214	7186	343	5251	0	35	6291	6408	-878	18345	0	18345	1764	20109	49.93
8	6670	406	255	7331	259	5272	0	195	6955	7390	-1011	19436	0	19436	1924	21360	49.94
9	6859	513	276	7648	209	5277	0	402	6962	7127	-1144	19519	0	19519	2194	21713	49.95
10	6887	476	266	7629	199	5301	0	596	7498	7759	-1285	20199	0	20199	2460	22659	49.99
11	6842	419	266	7527	222	5225	0	629	7747	8120	-1469	20254	0	20254	2645	22899	49.97
12	6938	470	236	7644	235	5169	0	679	7873	8287	-1318	20696	0	20696	2696	23392	50.00
13	6948	430	177	7555	226	5155	0	616	7903	8017	-1313	20256	0	20256	2655	22911	49.98
14	6952	375	186	7513	249	5093	0	589	7582	7794	-1231	20007	0	20007	2520	22527	49.96
15	6908	384	168	7460	309	5073	0	509	7591	7636	-956	20031	0	20031	2517	22548	49.93
16	6816	421	134	7371	494	5110	0	431	7549	7836	-955	20287	0	20287	2504	22791	49.89
17	6696	690	135	7521	404	5091	0	296	7067	7263	-989	19586	0	19586	2474	22060	49.81
18	6601	1112	135	7848	474	5073	0	134	6108	6269	-836	18962	0	18962	2468	21430	49.90
19	6591	1142	134	7867	503	5098	0	18	5844	5724	-821	18389	0	18389	2456	20845	49.83
20	6642	975	121	7738	667	5098	0	0	5628	5746	-776	18473	0	18473	2444	20917	49.89
21	6681	557	30	7268	632	5097	0	0	5170	5178	-784	17391	0	17391	2336	19727	49.87
22	6696	553	40	7289	580	5156	0	0	4974	5051	-852	17224	0	17224	2217	19441	49.88
23	6636	394	70	7100	497	5143	0	0	4963	4869	-864	16745	0	16745	2108	18853	49.85
24	6565	378	80	7023	561	5120	0	0	4967	4733	-952	16485	0	16485	2040	18525	49.97
MUs	157.2 2	12.27	4.23	173.73	10.42	122.34	0.00	5.13	149.01	152.83	-24.01	440.42	0.00	440.42	52.84	493.27	49.93

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 16/Aug/2021

Position as on 6.30 Hrs of 17/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	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 A0	120	16/08/2021	11.47		Continued.	Attending control valve oil leakage work.	
MSPGCL	Uran Unit 5	108	16/08/2021	19.49		Continued.	Tripped on REF Protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 17/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		Continued.	T	Distance Protection
Dhule Sar'Sarovar I	InterState	16/08/2021	09.45	16/08/2021	18.53	PO	Replacement of damaged earthwire
Lamboti - Solapur (PG)	InterState	17/08/2021	01.19		Continued.	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	15/08/2021	17.55	16/08/2021	06.47	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	15/08/2021	18.45	16/08/2021	04.12	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	16/08/2021	20.03	17/08/2021	06.14	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	17/08/2021	02.07		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.(FTC DT 16/08/2021 At 14.42)
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	14/08/2021	17.58	16/08/2021	14.42	T	Out for isolator spring broken , augmentation work in progress. Now charged from LV side
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	16/08/2021	09.09	16/08/2021	19.55	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	16/08/2021	14.07	16/08/2021	17.08	EO	Hot spot on R Phase LV Bushing, B Phase HV Bushing and replacement of damaged 220kV Y Phase 'A' to 'B' Isolator jumper of ICT 1.
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)
Kandalgaon - Pirangut	IntraState	22/07/2021	19.37	16/08/2021	20.55	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).
Vankuswadi- Ajinkyatara	IntraState	16/08/2021	09.45	16/08/2021	17.30	PO	Conductor restringing between Loc No.21-22-23
Satara (MIDC)-Ajinkyatara	IntraState	16/08/2021	10.28	16/08/2021	17.19	PO	Conductor restringing between Loc No.21-22-23
Badnera Tss-Ii	IntraState	16/08/2021	18.16		Continued.	T	R-Ph string decap from gantry at badnera end.
Kandalgaon - Pirangut	IntraState	17/08/2021	00.10		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Aug/2021

Statement-VII

Position as on 6.30 Hrs of 17/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 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	16/08/2021	02.38	16/08/2021	19.47	EO	To test Buchholz relay and ICT
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	16/08/2021	13.31	16/08/2021	14.43	EO	Attending damaged net.