

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Aug/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.554	2344.824	1) Gujrat	3.635	16.831
2) Hydro	16.331	211.069	2) Madhya Pradesh	11.016	171.914
3) Gas	6.641	120.852	3) Chattisgarh	5.850	119.970
Total MSPGCL	114.526	2676.745	4) Maharashtra	125.034	2711.979
B) 1) APLM	31.115	694.391	5) Goa (Amona)	-1.625	-41.470
2) JSWEL	17.248	396.665	Total	143.910	2979.224
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.981	609.343
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.802	596.850
5) WPCL	2.709	118.781	c) MSEDCL Bilateral *	36.227	767.971
6) Other IPP	9.308	197.980	Include PX	16.230	124.830
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.981	609.343
C) 1) TPCL Thermal	9.893	195.562	Include PX	13.182	353.260
2) TPCL Hydro	6.442	102.764	Standby	0.000	0.000
3) TPCL Gas	2.433	93.112	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.785	121.389	1) MSEDCL	334.059	7750.642
D) STATE			2) Mumbai Discoms	47.355	1109.678
1) Thermal	167.612	4069.592	TOTAL STATE	381.414	8860.320
(A1+C1+C4+(B1-B6))					
2) Hydro	22.773	313.833			
(A2+C2)					
3) Gas	9.074	213.964			
(A3+B7+C3)					
4) Wind	32.218	1175.275			
6) SOLAR	5.827	108.431			
TOTAL STATE	237.504	5881.095			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3379	4214	4276	3512
MSPGCL Hydro	872	278	1845	226
MSPGCL Gas	281	270	281	281
MSPGCL Total Generation	4532	4762	6402	4019
Central Sector Receipt	7817	6585	5632	4627
WIND	1343	1479	1383	1413
CPP / IPP Thermal	2431	2549	2635	2413
CPP / IPP Gas	0	0	0	0
SOLAR	604	495	0	0
Exchange with Mumbai	-1097	-1152	-901	-668
MSEDCL DEMAND MET	15630	14718	15151	11804
Load Shedding	0	0	0	0
MSEDCL DEMAND	15630	14718	15151	11804
TPCL GENERATION	833	866	959	635
AEML GENERATION	251	246	252	252
MUMBAI DEMAND	2181	2264	2112	1555
STATE DEMAND MET	17811	16982	17263	13359
STATE DEMAND	17811	16982	17263	13359
Frequency (Hz)	50.03	49.97	49.82	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.01 Hrs	49.73 Hz at 19.11 Hrs	49.99	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 25/Aug/2020

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	0.00	139.54	0	0
Unit 9	0.00	129.48	0	0
Unit 10	4.71	64.43	380	0
Total	4.71	333.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.46	90.82	465	350
Unit 5	10.47	189.14	475	345
Total	20.94	279.96		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	29.00	0	0
Unit 4	3.74	86.46	159	154
Unit 5	9.50	214.11	430	370
Unit 6	9.39	181.25	410	316
Unit 7	0.00	44.52	0	0
Unit 8	2.78	164.41	390	0
Unit 9	10.97	240.19	475	420
Total	36.38	959.94		
Paras				
Unit 3	3.45	98.06	180	0
Unit 4	4.01	101.19	173	149
Total	7.46	199.25		
Khaparkheda				
Unit 1	2.96	81.42	150	100
Unit 2	1.65	76.94	160	0
Unit 3	4.16	81.39	185	160
Unit 4	4.08	93.09	180	160
Unit 5	9.22	239.39	410	339
Total	22.07	572.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.64	120.85	291	270
Total	6.64	120.85		
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)	1.24	24.95	54	33

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.24	24.95		
Koyna				
Stage 1-2	5.16	66.22	580	40
Stage 4	5.03	29.49	1000	0
Stage 3	2.38	48.22	240	0
Total	12.57	143.93		
Hydro				
KDPH	0.70	8.79	37	0
VTRNA	0.14	0.14	54	0
TILLARI	0.70	17.31	59	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	9.71	40	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.34	6.34	15	14
ELDARY	0.50	5.48	21	20
SMLHY_PTN	0.97	18.96	41	40
GHATGHAR	0.00	0.00	0	0
Total	3.76	67.14		
Wind				
Total	32.22	1175.28	0	0
Total	32.22	1175.28		
CPP				
APML(Mus)	31.12	694.39	0	0
JSWEL(Mus)	17.25	396.66	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.71	118.78	0	0
Other(Mus)	9.31	197.98	0	0
Total	60.38	1407.82		
SOLAR				
Total	5.83	108.43	0	0
Total	5.83	108.43		
Tata				
Trombay 5	9.89	195.56	437	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	57.54	63	53
Trombay 7B	1.07	35.57	50	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.44	102.76	427	91
Total	18.77	391.44		
AEML				
DTPS U-1&2	5.78	121.39	253	189
Total	5.78	121.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.55	2344.82	MSPGCL Total	114.53	2676.74
			MSPGCL Thml+Gas	98.20	2465.68	Koyna 1,2 & 4 Total	10.19	95.72
			MSPGCL Hydro	16.33	211.07	State Total	237.50	5881.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Aug/2020

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	3472	389	271	4132	1526	2583	0	0	4643	4670	-759	12152	0	12152	1768	13920	49.99
2	3424	276	281	3981	1400	2471	0	0	4687	4743	-795	11800	0	11800	1675	13475	49.99
3	3453	221	271	3945	1486	2464	0	0	4692	4783	-725	11953	0	11953	1598	13551	50.01
4	3512	226	281	4019	1413	2413	0	0	4672	4627	-668	11804	0	11804	1555	13359	50.04
5	3486	401	271	4158	1457	2436	0	0	4666	4849	-622	12278	0	12278	1530	13808	50.02
6	3482	901	272	4655	1459	2494	0	0	5375	5362	-657	13313	0	13313	1557	14870	50.01
7	3462	940	281	4683	1190	2562	0	27	6491	6732	-648	14546	0	14546	1590	16136	50.00
8	3390	620	291	4301	1041	2559	0	207	7420	7517	-712	14913	0	14913	1734	16647	50.02
9	3374	689	271	4334	1101	2541	0	459	7577	7532	-954	15013	0	15013	1952	16965	50.00
10	3379	872	281	4532	1343	2431	0	604	7594	7817	-1097	15630	0	15630	2181	17811	50.03
11	3543	410	270	4223	1423	2429	0	693	7558	7551	-1274	15045	0	15045	2331	17376	50.02
12	3714	409	280	4403	1469	2434	0	742	7426	6945	-1393	14600	0	14600	2381	16981	50.02
13	3819	332	279	4430	1319	2426	0	733	6851	7003	-1380	14531	0	14531	2335	16866	49.95
14	3893	603	270	4766	1144	2438	0	648	6392	6473	-1289	14180	0	14180	2289	16469	50.03
15	4078	418	281	4777	1332	2428	0	683	6474	6449	-1203	14466	0	14466	2277	16743	50.00
16	4214	278	270	4762	1479	2549	0	495	6704	6585	-1152	14718	0	14718	2264	16982	49.97
17	4249	305	280	4834	1631	2567	0	329	6569	6217	-1156	14422	0	14422	2185	16607	49.98
18	4299	218	270	4787	1402	2453	0	176	6496	6744	-1138	14424	0	14424	2123	16547	49.97
19	4240	971	280	5491	1253	2549	0	31	6190	5964	-961	14327	0	14327	2082	16409	49.92
20	4276	1845	281	6402	1383	2635	0	0	5586	5632	-901	15151	0	15151	2112	17263	49.82
21	4300	1675	272	6247	1352	2658	0	0	4968	4978	-830	14405	0	14405	2034	16439	49.99
22	4234	1537	282	6053	1154	2644	0	0	4654	4804	-811	13844	0	13844	1986	15830	50.02
23	4179	1182	283	5644	1207	2610	0	0	4795	4901	-832	13530	0	13530	1942	15472	49.99
24	4082	613	272	4967	1254	2606	0	0	5028	5032	-845	13014	0	13014	1874	14888	49.98
MUs	91.55	16.33	6.64	114.53	32.22	60.38	0.00	5.83	143.51	143.91	-22.80	334.06	0.00	334.06	47.35	381.41	49.99

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 25/Aug/2020

Position as on 6.30 Hrs of 26/Aug/2020

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) U4	300	20/08/2020	15.57		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
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	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Aug/2020

Position as on 6.30 Hrs of 26/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
MSPGCL	Chandrapur Unit 3	210	11/08/2020	10.00		Continued.	PA Fan problem	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	13/08/2020	00.08	25/08/2020	03.08	Zero Schedule.	
MSPGCL	Koradi Unit 9	660	14/08/2020	12.28		Continued.	Zero schedule.	
MSPGCL	Koradi Unit-8	660	14/08/2020	13.07		Continued.	Zero schedule.	
MSPGCL	Chandrapur Unit-8	500	21/08/2020	23.08	25/08/2020	14.00	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	23/08/2020	10.07	25/08/2020	10.48	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	25/08/2020	04.15	25/08/2020	07.59	Flame Failure	
MSPGCL	Paras Unit 3	250	25/08/2020	07.25	25/08/2020	10.15	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 26/Aug/2020

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
Dhule Sar'Sarovar II	InterState	30/07/2020	12.45		Continued.	HT	Over Voltage
Kudus-Padgha (PG) Ckt II	InterState	25/08/2020	10.54	25/08/2020	14.35	T	Tripped
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/08/2020	16.19	25/08/2020	07.22	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59		Continued.	EO	To attend CB problem
Chandrapur-II - Nanded ckt II	IntraState	15/08/2020	00.40	25/08/2020	07.28	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	15/08/2020	11.39	25/08/2020	07.53	T	Over Voltage
Dhule- Bableshwar - I	IntraState	23/08/2020	19.46		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	23/08/2020	19.58		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	24/08/2020	20.15	25/08/2020	09.24	HT	Over Voltage
karad -kolhapur-I	IntraState	24/08/2020	20.31	25/08/2020	08.31	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/08/2020	23.21	25/08/2020	08.27	HT	Over Voltage
Girwali- Lonikand 2	IntraState	25/08/2020	10.01	26/08/2020	06.30	PO	Hardware tightening and fitting work(Line tripped while charging at 18.57Hrs on Over Voltage)
Koradi-Bhusawal	IntraState	25/08/2020	14.49	25/08/2020	17.14	PO	To attend DC leakage
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	25/08/2020	21.07		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/08/2020	22.56		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2020	00.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
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-IV @Kalwa	IntraState	22/08/2020	23.48	25/08/2020	14.07	HT	Over Voltage
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	25/08/2020	12.50	25/08/2020	19.30	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower due to Railway crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower due to Railway crossing
BHUGAON WARORA CKT-I	IntraState	22/08/2020	21.49		Continued.	T	'Y' Phase Flashover.
satara MIDC- Malharpeth	IntraState	25/08/2020	08.20	25/08/2020	23.15	T	Distance Protection
MAHAPE - RELIANCE GIS	IntraState	25/08/2020	12.24	25/08/2020	13.57	EO	To attend Hot Spot

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 25/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 26/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bombay Dyeing - Sahara	IntraState	25/08/2020	20.36		Continued.	T	Distance Protection