

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Aug/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.756	2457.580	1) Gujrat	5.350	22.181
2) Hydro	11.475	222.544	2) Madhya Pradesh	10.480	182.394
3) Gas	6.702	127.554	3) Chattisgarh	5.940	125.910
Total MSPGCL	130.933	2807.678	4) Maharashtra	126.304	2838.283
B) 1) APLM	31.133	725.524	5) Goa (Amona)	-1.387	-42.857
2) JSWEL	16.627	413.292	Total	146.687	3125.911
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.959	633.301
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.114	620.964
5) WPCL	2.707	121.488	c) MSEDCL Bilateral *	34.506	802.477
6) Other IPP	9.430	207.410	Include PX	15.847	140.677
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.959	633.301
C) 1) TPCL Thermal	9.611	205.173	Include PX	15.012	368.272
2) TPCL Hydro	5.688	108.452	Standby	0.000	0.000
3) TPCL Gas	2.440	95.552	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.751	127.140	1) MSEDCL	341.925	8092.567
D) STATE			2) Mumbai Discoms	47.604	1157.282
1) Thermal	188.015	4257.607	TOTAL STATE	389.529	9249.849
(A1+C1+C4+(B1-B6))					
2) Hydro	17.163	330.996			
(A2+C2)					
3) Gas	9.142	223.106			
(A3+B7+C3)					
4) Wind	21.925	1197.200			
6) SOLAR	6.597	115.028			
TOTAL STATE	242.842	6123.937			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4629	4680	5120	4217
MSPGCL Hydro	511	606	1471	181
MSPGCL Gas	280	270	272	273
MSPGCL Total Generation	5420	5556	6863	4671
Central Sector Receipt	7830	7316	5047	4843
WIND	481	547	1028	1029
CPP / IPP Thermal	2436	2433	2614	2462
CPP / IPP Gas	0	0	0	0
SOLAR	832	769	0	0
Exchange with Mumbai	-1223	-1227	-996	-865
MSEDCL DEMAND MET	15776	15394	14556	12140
Load Shedding	0	0	0	0
MSEDCL DEMAND	15776	15394	14556	12140
TPCL GENERATION	859	867	902	499
AEML GENERATION	252	251	252	252
MUMBAI DEMAND	2334	2345	2150	1616
STATE DEMAND MET	18110	17739	16706	13756
STATE DEMAND	18110	17739	16706	13756
Frequency (Hz)	50.01	50.02	49.88	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 04.00 Hrs	49.68 Hz at 09.10 Hrs	49.98	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 26/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	5.78	145.32	507	0
Unit 9	0.34	129.82	180	0
Unit 10	9.09	73.52	420	325
Total	15.21	348.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.56	101.37	500	370
Unit 5	10.20	199.34	475	350
Total	20.76	300.72		
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	3.70	90.16	156	150
Unit 5	9.17	223.28	435	340
Unit 6	9.54	190.79	440	300
Unit 7	0.00	44.52	0	0
Unit 8	10.28	174.69	480	390
Unit 9	10.89	251.08	470	440
Total	43.57	1003.51		
Paras				
Unit 3	4.07	102.13	200	130
Unit 4	3.55	104.74	184	120
Total	7.62	206.87		
Khaparkheda				
Unit 1	3.18	84.60	160	120
Unit 2	3.87	80.81	180	135
Unit 3	4.26	85.65	185	170
Unit 4	4.14	97.23	190	155
Unit 5	10.15	249.54	485	360
Total	25.60	597.83		
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	6.70	127.55	293	270
Total	6.70	127.55		
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)	1.12	26.06	47	46

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.12	26.06		
Koyna				
Stage 1-2	3.75	69.98	445	40
Stage 4	2.62	32.11	816	0
Stage 3	2.12	50.34	188	0
Total	8.49	152.43		
Hydro				
KDPH	0.00	8.79	0	0
VTRNA	0.47	0.61	60	0
TILLARI	0.40	17.71	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	10.11	40	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.34	6.68	15	14
ELDARY	0.51	5.99	22	21
SMLHY_PTN	0.86	19.82	36	35
GHATGHAR	0.00	0.00	0	0
Total	2.98	70.12		
Wind				
Total	21.92	1197.20	0	0
Total	21.92	1197.20		
CPP				
APML(Mus)	31.13	725.52	0	0
JSWEL(Mus)	16.63	413.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.71	121.49	0	0
Other(Mus)	9.43	207.41	0	0
Total	59.90	1467.71		
SOLAR				
Total	6.60	115.03	0	0
Total	6.60	115.03		
Tata				
Trombay 5	9.61	205.17	441	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.37	58.91	62	55
Trombay 7B	1.07	36.64	49	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.69	108.45	387	2
Total	17.74	409.18		
AEML				
DTPS U-1&2	5.75	127.14	253	190
Total	5.75	127.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.76	2457.58	MSPGCL Total	130.93	2807.68
			MSPGCL Thml+Gas	119.46	2585.13	Koyna 1,2 & 4 Total	6.37	102.09
			MSPGCL Hydro	11.48	222.54	State Total	242.84	6123.94

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Aug/2020

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	4198	368	282	4848	1264	2466	0	0	4959	5040	-951	12667	0	12667	1778	14445	49.98
2	4236	170	292	4698	1148	2452	0	0	4904	4852	-891	12259	0	12259	1693	13952	49.98
3	4217	181	273	4671	1029	2462	0	0	4901	4843	-865	12140	0	12140	1616	13756	50.01
4	4234	175	282	4691	893	2453	0	0	5037	4982	-812	12207	0	12207	1560	13767	50.00
5	4244	535	272	5051	863	2472	0	0	5045	5065	-784	12667	0	12667	1543	14210	49.99
6	4281	775	283	5339	825	2514	0	0	5617	5980	-780	13878	0	13878	1583	15461	50.00
7	4400	1081	282	5763	780	2597	0	37	6607	6899	-714	15362	0	15362	1609	16971	50.02
8	4509	353	282	5144	693	2590	0	258	7617	7321	-720	15286	0	15286	1746	17032	49.99
9	4533	316	271	5120	675	2529	0	483	7693	7600	-866	15541	0	15541	1970	17511	49.95
10	4567	477	281	5325	668	2440	0	760	7604	7595	-1082	15706	0	15706	2194	17900	49.91
11	4629	511	280	5420	481	2436	0	832	7565	7830	-1223	15776	0	15776	2334	18110	50.01
12	4617	416	290	5323	517	2433	0	915	7654	7610	-1280	15518	0	15518	2386	17904	50.00
13	4680	606	270	5556	547	2433	0	769	7307	7316	-1227	15394	0	15394	2345	17739	50.02
14	4813	258	281	5352	559	2421	0	759	7282	7072	-1172	14991	0	14991	2261	17252	49.99
15	4969	297	279	5545	710	2426	0	706	6981	7097	-1171	15313	0	15313	2254	17567	49.95
16	5070	443	270	5783	1043	2446	0	559	6810	6446	-1154	15123	0	15123	2233	17356	49.98
17	5054	213	280	5547	1272	2460	0	349	6934	6599	-1177	15050	0	15050	2187	17237	49.94
18	4946	176	271	5393	1183	2409	0	140	6746	6763	-1239	14649	0	14649	2135	16784	50.02
19	4945	611	280	5836	937	2528	0	30	6064	5782	-1134	13979	0	13979	2083	16062	49.95
20	5120	1471	272	6863	1028	2614	0	0	5345	5047	-996	14556	0	14556	2150	16706	49.88
21	5148	922	293	6363	1058	2619	0	0	4899	4776	-944	13872	0	13872	2076	15948	49.98
22	5190	600	282	6072	1195	2622	0	0	4907	4718	-862	13745	0	13745	2017	15762	50.00
23	5190	291	272	5753	1285	2610	0	0	5064	4794	-943	13499	0	13499	1953	15452	50.03
24	4966	229	282	5477	1272	2465	0	0	5002	4660	-1127	12747	0	12747	1898	14645	50.00
MUs	112.76	11.48	6.70	130.93	21.93	59.90	0.00	6.60	148.54	146.69	-24.11	341.92	0.00	341.92	47.60	389.53	49.98

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 26/Aug/2020

Position as on 6.30 Hrs of 27/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	26/08/2020	20.55	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 26/Aug/2020

Position as on 6.30 Hrs of 27/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 9	660	14/08/2020	12.28	26/08/2020	20.55	Zero schedule.	
MSPGCL	Koradi Unit-8	660	14/08/2020	13.07	26/08/2020	08.47	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 27/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	27/08/2020	06.27	HT	Over Voltage
Dhule Khandwa I	InterState	26/08/2020	23.44		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	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
Dhule- Bableshwar - I	IntraState	23/08/2020	19.46		Continued.	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)
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	25/08/2020	21.07	26/08/2020	08.26	HT	Over Voltage
Padghe - Kalwa- I	IntraState	25/08/2020	22.53	26/08/2020	08.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2020	00.08	26/08/2020	08.40	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	26/08/2020	10.55	26/08/2020	19.14	EO	Replacement work
Padghe - Kalwa- I	IntraState	26/08/2020	20.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2020	22.58		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/08/2020	23.02		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.
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.
Bombay Dyeing - Sahara	IntraState	25/08/2020	20.36		Continued.	T	Distance Protection
Mudshingi-Belewadi	IntraState	26/08/2020	10.15	26/08/2020	13.25	PO	Replacement of Flashover insulator
Kolhapur-Bidri	IntraState	26/08/2020	10.50	26/08/2020	15.12	PO	Quarterly Maintanance Work
Karad -Mudshingi Ckt- IV	IntraState	26/08/2020	15.10	26/08/2020	17.41	PO	Quarterly Maintanance Work
Kandalgaon - ONGC Panvel	IntraState	26/08/2020	18.05	27/08/2020	01.55	T	B-ph LA Burst at kandalgaon
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	26/08/2020	14.55	26/08/2020	16.25	EO	Attending Hot Spot

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