

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Aug/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.957	2575.537	1) Gujrat	7.819	30.000
2) Hydro	5.343	227.887	2) Madhya Pradesh	3.565	185.959
3) Gas	6.669	134.223	3) Chattisgarh	6.110	132.020
Total MSPGCL	129.969	2937.647	4) Maharashtra	129.273	2967.556
B) 1) APLM	30.945	756.469	5) Goa (Amona)	-1.389	-44.246
2) JSWEL	15.478	428.770	Total	145.378	3271.289
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.127	658.428
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.863	647.827
5) WPCL	2.655	124.143	c) MSEDCL Bilateral *	33.822	836.300
6) Other IPP	8.427	215.837	Include PX	15.619	156.295
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.127	658.428
C) 1) TPCL Thermal	7.648	212.821	Include PX	16.275	384.546
2) TPCL Hydro	6.209	114.661	Standby	0.000	0.000
3) TPCL Gas	2.409	97.961	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.681	131.821	1) MSEDCL	337.237	8429.804
D) STATE			2) Mumbai Discoms	47.807	1205.089
1) Thermal	187.791	4445.398	TOTAL STATE	385.044	9634.893
(A1+C1+C4+(B1-B6))					
2) Hydro	11.552	342.548			
(A2+C2)					
3) Gas	9.078	232.184			
(A3+B7+C3)					
4) Wind	26.624	1223.824			
6) SOLAR	4.624	119.652			
TOTAL STATE	239.669	6363.606			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5253	5037	4788	4742
MSPGCL Hydro	234	234	469	176
MSPGCL Gas	281	270	291	282
MSPGCL Total Generation	5768	5541	5548	5200
Central Sector Receipt	7435	6734	6244	4823
WIND	992	861	1226	1045
CPP / IPP Thermal	2521	2352	2460	2309
CPP / IPP Gas	0	0	0	0
SOLAR	462	660	15	0
Exchange with Mumbai	-1265	-1454	-1115	-945
MSEDCL DEMAND MET	15913	14694	14378	12432
Load Shedding	0	0	0	0
MSEDCL DEMAND	15913	14694	14378	12432
TPCL GENERATION	744	728	780	445
AEML GENERATION	189	190	210	189
MUMBAI DEMAND	2198	2372	2105	1579
STATE DEMAND MET	18111	17066	16483	14011
STATE DEMAND	18111	17066	16483	14011
Frequency (Hz)	50.00	49.99	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.03 Hrs	49.85 Hz at 18.56 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 27/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	11.20	156.51	502	456
Unit 9	9.43	139.26	470	225
Unit 10	9.76	83.28	440	380
Total	30.38	379.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.92	110.28	430	360
Unit 5	8.88	208.23	450	350
Total	17.80	318.52		
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	2.50	92.66	145	0
Unit 5	9.36	232.64	430	365
Unit 6	4.05	194.84	405	0
Unit 7	0.00	44.52	0	0
Unit 8	9.98	184.67	465	360
Unit 9	10.46	261.54	480	360
Total	36.35	1039.86		
Paras				
Unit 3	4.58	106.71	250	142
Unit 4	4.05	108.78	202	130
Total	8.63	215.49		
Khaparkheda				
Unit 1	3.14	87.74	155	100
Unit 2	3.98	84.78	175	155
Unit 3	4.04	89.68	180	158
Unit 4	3.96	101.19	177	160
Unit 5	9.69	259.24	450	375
Total	24.80	622.63		
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	6.67	134.22	293	270
Total	6.67	134.22		
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)	1.17	27.24	51	32

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.17	27.24		
Koyna				
Stage 1-2	1.31	71.28	215	40
Stage 4	0.88	32.99	488	0
Stage 3	0.82	51.16	80	0
Total	3.00	155.43		
Hydro				
KDPH	0.00	8.79	0	0
VTRNA	0.00	0.61	0	0
TILLARI	0.38	18.08	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	10.53	40	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.34	7.03	15	14
ELDARY	0.52	6.51	22	21
SMLHY_PTN	0.68	20.50	29	28
GHATGHAR	0.00	0.00	0	0
Total	2.34	72.46		
Wind				
Total	26.62	1223.82	0	0
Total	26.62	1223.82		
CPP				
APML(Mus)	30.94	756.47	0	0
JSWEL(Mus)	15.48	428.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.66	124.14	0	0
Other(Mus)	8.43	215.84	0	0
Total	57.50	1525.22		
SOLAR				
Total	4.62	119.65	0	0
Total	4.62	119.65		
Tata				
Trombay 5	7.65	212.82	439	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.35	60.26	58	55
Trombay 7B	1.06	37.71	45	43
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.21	114.66	401	39
Total	16.27	425.44		
AEML				
DTPS U-1&2	4.68	131.82	252	188
Total	4.68	131.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.96	2575.54	MSPGCL Total	129.97	2937.65
			MSPGCL Thml+Gas	124.63	2709.76	Koyna 1,2 & 4 Total	2.19	104.27
			MSPGCL Hydro	5.34	227.89	State Total	239.67	6363.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4870	161	283	5314	1216	2303	0	0	4998	4821	-1069	12585	0	12585	1822	14407	50.03
2	4687	166	272	5125	1148	2307	0	0	4955	4914	-990	12504	0	12504	1716	14220	50.01
3	4722	171	283	5176	1163	2296	0	0	4847	4877	-1002	12510	0	12510	1635	14145	49.97
4	4742	176	282	5200	1045	2309	0	0	4894	4823	-945	12432	0	12432	1579	14011	50.00
5	4980	161	273	5414	944	2297	0	0	5002	5032	-924	12763	0	12763	1558	14321	49.99
6	5170	166	272	5608	785	2297	0	0	5680	5760	-956	13494	0	13494	1599	15093	50.02
7	5375	132	293	5800	651	2486	0	15	6735	6512	-835	14629	0	14629	1624	16253	50.03
8	5465	128	272	5865	598	2548	0	111	7306	7343	-882	15583	0	15583	1747	17330	50.00
9	5308	234	281	5823	795	2556	0	308	7375	7290	-1056	15716	0	15716	1971	17687	50.01
10	5253	234	281	5768	992	2521	0	462	7402	7435	-1265	15913	0	15913	2198	18111	50.00
11	5073	229	270	5572	915	2317	0	571	7718	7463	-1415	15423	0	15423	2349	17772	49.99
12	4862	229	280	5371	842	2301	0	557	7388	7323	-1454	14940	0	14940	2395	17335	49.94
13	5037	234	270	5541	861	2352	0	660	6987	6734	-1454	14694	0	14694	2372	17066	49.99
14	4981	224	280	5485	947	2376	0	587	6697	6334	-1354	14375	0	14375	2293	16668	50.05
15	4715	161	280	5156	1244	2321	0	514	6584	6731	-1303	14663	0	14663	2265	16928	50.03
16	4854	149	270	5273	1426	2316	0	471	6698	6411	-1268	14629	0	14629	2231	16860	49.99
17	4607	150	280	5037	1582	2260	0	267	6883	6613	-1339	14420	0	14420	2176	16596	49.94
18	4571	151	271	4993	1340	2200	0	86	6638	6716	-1221	14114	0	14114	2122	16236	49.98
19	4788	469	291	5548	1226	2460	0	15	6398	6244	-1115	14378	0	14378	2105	16483	49.99
20	4898	699	270	5867	1156	2640	0	0	5899	5546	-958	14251	0	14251	2130	16381	49.95
21	4954	406	281	5641	1356	2657	0	0	5388	5182	-871	13965	0	13965	2059	16024	50.00
22	4814	201	272	5287	1506	2546	0	0	5227	5125	-964	13500	0	13500	2002	15502	49.96
23	4765	196	281	5242	1318	2517	0	0	5237	5054	-1052	13079	0	13079	1958	15037	50.01
24	4466	116	281	4863	1568	2322	0	0	5568	5095	-1171	12677	0	12677	1904	14581	50.05
MUs	117.96	5.34	6.67	129.97	26.62	57.51	0.00	4.62	148.50	145.38	-26.86	337.24	0.00	337.24	47.81	385.05	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 27/Aug/2020

Position as on 6.30 Hrs of 28/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	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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Aug/2020

Position as on 6.30 Hrs of 28/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Ghatghar Unit-1	125	27/08/2020	05.25		Continued.	Runner band Drainage valve Leakage	
MSPGCL	Chandrapur Unit 6	500	27/08/2020	10.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	27/08/2020	18.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 28/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT @ Akola-II	IntraState	27/08/2020	10.01	27/08/2020	11.22	PO	Testing Work
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- Bableshtar - I	IntraState	23/08/2020	19.46		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	26/08/2020	20.22	27/08/2020	08.30	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2020	22.58	27/08/2020	07.44	HT	Over Voltage
karad -kolhapur-II	IntraState	26/08/2020	23.02	27/08/2020	08.55	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	27/08/2020	08.17	27/08/2020	18.41	PO	Line Maintenance work
Koradi-RattanIndia	IntraState	27/08/2020	10.01	27/08/2020	11.55	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/08/2020	10.01	27/08/2020	11.52	T	Over Voltage
Akola II - Akola I Ckt-II	IntraState	27/08/2020	10.01	27/08/2020	11.08	T	Over Voltage
Akola II - Akola I Ckt-I	IntraState	27/08/2020	10.01	27/08/2020	11.06	T	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	27/08/2020	10.01	27/08/2020	11.52	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	27/08/2020	10.50	27/08/2020	12.07	T	Over Voltage
Padghe - Kalwa- I	IntraState	27/08/2020	20.16		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/08/2020	21.57		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/08/2020	21.57		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	27/08/2020	22.01		Continued.	HT	Over Voltage
Warora -IEPL	IntraState	28/08/2020	02.06		Continued.	T	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 III @ Jejuri	IntraState	27/08/2020	16.22	27/08/2020	17.02	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

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 27/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 28/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	27/08/2020	19.00	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	26/08/2020	18.05	27/08/2020	01.55	T	B-ph LA Burst at kandalgaon
Wardha-Yeotmal	IntraState	27/08/2020	06.02	27/08/2020	18.43	PO	Stringing work
Beed-Manjarsumba	IntraState	27/08/2020	09.52	27/08/2020	18.00	EO	Attending Oil Leakage
Shirsuphal-Bhigwan	IntraState	27/08/2020	10.10	27/08/2020	18.30	PO	Quarterly Maintenance Work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	27/08/2020	10.13	27/08/2020	11.47	PO	Quarterly Maintenance Work
New Koyna - Niwali	IntraState	27/08/2020	11.38	27/08/2020	12.58	EO	C.T.Leakage at New Koyna
Ranjangaon-Lonikand	IntraState	27/08/2020	14.20	27/08/2020	18.38	EO	To attend Hot Spot
220kv Lonand- Phaltan line	IntraState	27/08/2020	15.10	27/08/2020	16.30	PO	Quarterly Maintenance Work
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	28/08/2020	01.56	28/08/2020	02.36	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	27/08/2020	10.30	27/08/2020	18.28	PO	DT and Aux.Relay replacement