

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Aug/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.731	2888.505	1) Gujrat	9.426	49.879
2) Hydro	6.226	247.393	2) Madhya Pradesh	3.054	195.232
3) Gas	6.531	154.021	3) Chattisgarh	4.860	148.660
Total MSPGCL	110.488	3289.919	4) Maharashtra	108.147	3317.807
B) 1) APLM	27.502	843.860	5) Goa (Amona)	-1.440	-49.279
2) JSWEL	16.801	478.112	Total	124.047	3662.299
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.789	724.003
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.818	716.220
5) WPCL	2.379	131.626	c) MSEDCL Bilateral *	28.362	937.880
6) Other IPP	8.133	241.455	Include PX	8.854	180.600
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.789	724.003
C) 1) TPCL Thermal	7.409	236.029	Include PX	10.158	423.079
2) TPCL Hydro	6.414	133.680	Standby	0.000	0.000
3) TPCL Gas	2.596	105.363	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.531	145.864	1) MSEDCL	318.241	9406.053
D) STATE			2) Mumbai Discoms	40.768	1337.154
1) Thermal	164.486	4965.451	TOTAL STATE	359.009	10743.207
(A1+C1+C4+(B1-B6))					
2) Hydro	12.640	381.073			
(A2+C2)					
3) Gas	9.127	259.384			
(A3+B7+C3)					
4) Wind	43.266	1342.431			
6) SOLAR	5.443	132.571			
TOTAL STATE	234.962	7080.910			

* 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 3 Hrs
MSPGCL Thermal	3878	3941	4288	4011
MSPGCL Hydro	262	820	508	110
MSPGCL Gas	276	276	278	278
MSPGCL Total Generation	4416	5037	5074	4399
Central Sector Receipt	6538	4638	5428	4347
WIND	2026	2137	1653	1314
CPP / IPP Thermal	2321	2227	2545	2135
CPP / IPP Gas	0	0	0	0
SOLAR	533	679	0	0
Exchange with Mumbai	-971	-943	-857	-726
MSEDCL DEMAND MET	14863	13775	13843	11469
Load Shedding	0	0	0	0
MSEDCL DEMAND	14863	13775	13843	11469
TPCL GENERATION	627	770	807	602
AEML GENERATION	189	188	190	188
MUMBAI DEMAND	1787	1901	1854	1516
STATE DEMAND MET	16650	15676	15697	12985
STATE DEMAND	16650	15676	15697	12985
Frequency (Hz)	50.09	49.95	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 14:00 Hrs	49.77 Hz at 17:46 Hrs	50.02	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 30/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	9.47	186.90	460	320
Unit 9	10.41	169.70	465	360
Unit 10	8.28	109.73	385	320
Total	28.16	466.33		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.83	137.82	430	355
Unit 5	8.82	235.74	450	350
Total	17.66	373.56		
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	3.61	33.21	163	110
Unit 4	0.00	92.66	0	0
Unit 5	8.75	259.76	400	305
Unit 6	0.00	194.84	0	0
Unit 7	0.00	44.52	0	0
Unit 8	9.54	214.68	490	360
Unit 9	0.00	277.95	0	0
Total	21.90	1117.62		
Paras				
Unit 3	4.45	120.43	200	161
Unit 4	3.79	120.62	206	90
Total	8.24	241.05		
Khaparkheda				
Unit 1	2.54	96.16	130	90
Unit 2	3.36	95.22	175	125
Unit 3	3.46	100.19	160	135
Unit 4	3.53	112.46	160	137
Unit 5	8.88	285.92	405	335
Total	21.78	689.94		
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	6.53	154.02	278	256
Total	6.53	154.02		
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)	1.15	30.81	50	46

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.15	30.81		
Koyna				
Stage 1-2	1.78	77.92	350	40
Stage 4	0.28	34.65	250	0
Stage 3	0.85	54.29	80	0
Total	2.92	166.86		
Hydro				
KDPH	0.54	9.33	37	0
VTRNA	0.00	0.61	0	0
TILLARI	0.61	19.49	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	11.85	40	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.34	8.06	15	14
ELDARY	0.51	8.07	22	21
SMLHY_PTN	0.85	22.69	36	35
GHATGHAR	0.03	0.03	27	0
Total	3.31	80.54		
Wind				
Total	43.27	1342.43	0	0
Total	43.27	1342.43		
CPP				
APML(Mus)	27.50	843.86	0	0
JSWEL(Mus)	16.80	478.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.38	131.63	0	0
Other(Mus)	8.13	241.46	0	0
Total	54.82	1695.05		
SOLAR				
Total	5.44	132.57	0	0
Total	5.44	132.57		
Tata				
Trombay 5	7.41	236.03	313	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	64.40	66	58
Trombay 7B	1.14	40.96	51	45
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.41	133.68	387	156
Total	16.42	475.07		
AEML				
DTPS U-1&2	4.53	145.86	190	188
Total	4.53	145.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.73	2888.50	MSPGCL Total	110.49	3289.92
			MSPGCL Thml+Gas	104.26	3042.53	Koyna 1,2 & 4 Total	2.06	112.57
			MSPGCL Hydro	6.23	247.39	State Total	234.96	7080.91

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	4095	132	268	4495	1308	2269	0	0	4696	4499	-765	11806	0	11806	1681	13487	50.02
2	4083	115	277	4475	1297	2257	0	0	4586	4508	-686	11851	0	11851	1584	13435	50.00
3	4011	110	278	4399	1314	2135	0	0	4755	4347	-726	11469	0	11469	1516	12985	50.00
4	4013	120	278	4411	1582	2081	0	0	4704	4477	-686	11865	0	11865	1470	13335	50.00
5	4044	116	277	4437	1628	2062	0	0	4918	4705	-694	12138	0	12138	1455	13593	50.01
6	4116	110	268	4494	1551	2066	0	0	5547	5559	-714	12956	0	12956	1493	14449	50.02
7	4155	130	277	4562	1539	2326	0	24	6249	6051	-722	13780	0	13780	1517	15297	50.01
8	4109	114	278	4501	1607	2492	0	162	6618	6529	-804	14487	0	14487	1563	16050	50.07
9	3996	238	267	4501	1694	2455	0	343	6876	6650	-902	14741	0	14741	1665	16406	50.05
10	3878	262	276	4416	2026	2321	0	533	6983	6538	-971	14863	0	14863	1787	16650	50.09
11	3969	217	256	4442	2191	2050	0	634	6584	6158	-993	14482	0	14482	1899	16381	50.04
12	3940	340	266	4546	2222	2040	0	628	5846	5667	-975	14128	0	14128	1927	16055	49.99
13	3941	820	276	5037	2137	2227	0	679	4720	4638	-943	13775	0	13775	1901	15676	49.95
14	3908	347	267	4522	2254	2371	0	704	4780	4671	-903	13619	0	13619	1861	15480	50.07
15	4042	346	267	4655	2306	2203	0	706	4757	4606	-866	13610	0	13610	1765	15375	50.07
16	4094	333	278	4705	2292	2150	0	551	4754	4618	-798	13518	0	13518	1670	15188	50.05
17	4037	332	256	4625	2205	2182	0	343	5083	4789	-764	13380	0	13380	1647	15027	50.01
18	4066	337	277	4680	2095	2121	0	115	5116	5058	-807	13262	0	13262	1673	14935	49.93
19	4167	320	266	4753	1787	2363	0	21	5501	5569	-836	13657	0	13657	1761	15418	49.94
20	4288	508	278	5074	1653	2545	0	0	5521	5428	-857	13843	0	13843	1854	15697	50.03
21	4312	238	278	4828	1732	2584	0	0	5043	4991	-842	13293	0	13293	1820	15113	50.04
22	4307	212	278	4797	1501	2576	0	0	4694	4874	-859	12889	0	12889	1794	14683	50.01
23	4183	217	277	4677	1445	2558	0	0	4724	4567	-860	12387	0	12387	1758	14145	50.00
24	3977	212	267	4456	1900	2381	0	0	4905	4550	-845	12442	0	12442	1707	14149	50.00
MUs	97.73	6.23	6.53	110.49	43.27	54.81	0.00	5.44	127.96	124.05	-19.82	318.24	0.00	318.24	40.77	359.01	50.02

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 30/Aug/2020

Position as on 6.30 Hrs of 31/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	30/08/2020	13.00	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 30/Aug/2020

Position as on 6.30 Hrs of 31/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.	
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	
MSPGCL	Chandrapur Unit 9	500	29/08/2020	15.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 31/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 Khandwa I	InterState	26/08/2020	23.44	30/08/2020	10.34	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/08/2020	19.12	30/08/2020	08.31	HT	Over Voltage
Dhule Khandwa II	InterState	29/08/2020	19.15		Continued.	T	Due To Fire At 48 Volt DC Charger.
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
Akola II - RPL(Rattaniindia) Ckt I	IntraState	27/08/2020	21.57		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	29/08/2020	20.58		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	29/08/2020	22.33	30/08/2020	09.11	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	29/08/2020	23.32	30/08/2020	09.12	HT	Over Voltage
Koradi-Khaperkhedda I	IntraState	30/08/2020	04.32		Continued.	T	Over Voltage
Babhaleshwar - Padghe-II	IntraState	30/08/2020	09.33	30/08/2020	18.28	PO	Quarterly Maintenance Work & Relay Testing Chemical Cleaning Of strings.
Lonikand I - Koyana stage-IV	IntraState	30/08/2020	19.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	30/08/2020	19.50		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	30/08/2020	23.48		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.
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	29/08/2020	19.15		Continued.	T	Fire at 48V DC Charger.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	30/08/2020	01.13	30/08/2020	03.02	T	Suspension String Insulator Decapping.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	31/08/2020	00.29	31/08/2020	06.27	HT	Over Voltage
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	31/08/2020	02.06	31/08/2020	06.28	HT	Over Voltage
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
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	29/08/2020	19.43	30/08/2020	14.59	EO	Attending Hot Spot
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	30/08/2020	01.13	30/08/2020	03.22	T	Suspension String Insulator Decapping.
Jejuri (400 Kv)- Baramati li	IntraState	30/08/2020	01.13	30/08/2020	03.01	T	Suspension String Insulator

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 30/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 31/Aug/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri-Phursungi ckt-2	IntraState	30/08/2020	01.13	30/08/2020	03.02	T	Decapping.
							Suspension String Insulator Decapping.