

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Aug/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.788	372.478	1) Gujrat	1.213	3.721
2) Hydro	3.359	11.772	2) Madhya Pradesh	6.650	22.579
3) Gas	2.750	8.200	3) Chattisgarh	4.300	12.970
Total MSPGCL	125.897	392.450	4) Maharashtra	111.822	368.857
B) 1) APLM	22.988	83.364	5) Goa (Amona)	-1.581	-3.479
2) JSWEL	15.629	50.845	Total	122.404	404.648
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.812	78.617
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.553	80.546
5) WPCL	6.766	23.050	c) MSEDCL Bilateral *	26.389	92.380
6) Other IPP	7.816	21.454	Include PX	2.524	16.356
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.812	78.617
C) 1) TPCL Thermal	6.935	22.780	Include PX	21.345	57.722
2) TPCL Hydro	0.628	2.950	Standby	0.000	0.000
3) TPCL Gas	3.846	12.606	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.531	14.271	1) MSEDCL	324.373	990.271
D) STATE			2) Mumbai Discoms	45.493	133.150
1) Thermal	184.453	588.242	TOTAL STATE	369.866	1123.421
(A1+C1+C4+(B1-B6))					
2) Hydro	3.987	14.722			
(A2+C2)					
3) Gas	6.596	20.806			
(A3+B7+C3)					
4) Wind	46.838	77.497			
6) SOLAR	5.588	17.509			
TOTAL STATE	247.462	718.776			

* 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 4 Hrs
MSPGCL Thermal	4942	4911	5285	4814
MSPGCL Hydro	103	735	80	70
MSPGCL Gas	110	110	120	120
MSPGCL Total Generation	5155	5756	5485	5004
Central Sector Receipt	6211	5079	5049	4154
WIND	1954	1956	1801	2028
CPP / IPP Thermal	2172	2138	2266	2178
CPP / IPP Gas	0	0	0	0
SOLAR	548	687	0	0
Exchange with Mumbai	-1448	-1586	-1190	-927
MSEDCL DEMAND MET	14592	14030	13411	12437
Load Shedding	0	0	0	0
MSEDCL DEMAND	14592	14030	13411	12437
TPCL GENERATION	435	407	546	488
AEML GENERATION	189	190	188	188
MUMBAI DEMAND	2072	2183	1924	1603
STATE DEMAND MET	16664	16213	15335	14040
STATE DEMAND	16664	16213	15335	14040
Frequency (Hz)	50.05	50.01	50.00	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.49 Hrs	49.8 Hz at 19.10 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 03/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	10.84	34.07	465	420
Unit 9	10.78	33.03	465	341
Unit 10	0.00	0.00	0	0
Total	21.62	67.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.60	27.82	360	350
Unit 5	8.52	27.46	370	345
Total	17.12	55.28		
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	1.18	1.18	169	0
Unit 4	3.58	10.89	159	126
Unit 5	8.67	27.03	375	335
Unit 6	8.66	27.74	370	345
Unit 7	8.58	26.26	370	342
Unit 8	8.72	27.66	410	360
Unit 9	8.73	29.31	408	360
Total	48.11	150.07		
Paras				
Unit 3	4.65	13.94	200	176
Unit 4	4.05	12.12	200	100
Total	8.70	26.06		
Khaparkheda				
Unit 1	3.45	10.89	160	120
Unit 2	3.86	7.30	170	160
Unit 3	3.86	12.37	175	160
Unit 4	3.91	12.64	173	160
Unit 5	9.16	30.76	460	360
Total	24.23	73.97		
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	2.75	8.20	120	110
Total	2.75	8.20		
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)	0.60	2.00	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.60	2.00		
Koyna				
Stage 1-2	1.28	5.71	265	35
Stage 4	0.29	1.74	243	0
Stage 3	0.94	2.86	160	0
Total	2.51	10.31		
Hydro				
KDPH	0.43	0.55	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.17	0.34	56	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.37	40	0
RNGR+BHTSA	0.15	0.20	12	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	0.00	0	0
Total	0.85	1.46		
Wind				
Total	46.84	77.50	0	0
Total	46.84	77.50		
CPP				
APML(Mus)	22.99	83.36	0	0
JSWEL(Mus)	15.63	50.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.77	23.05	0	0
Other(Mus)	7.82	21.45	0	0
Total	53.20	178.71		
SOLAR				
Total	5.59	17.51	0	0
Total	5.59	17.51		
Tata				
Trombay 5	6.94	22.78	311	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	8.02	118	71
Trombay 7B	1.44	4.59	66	52
Trombay 8	0.00	0.00	0	0
TATA Hydro	0.63	2.95	156	0
Total	11.41	38.34		
AEML				
DTPS U-1&2	4.53	14.27	190	188
Total	4.53	14.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.79	372.48	MSPGCL Total	125.90	392.45
			MSPGCL Thml+Gas	122.54	380.68	Koyna 1,2 & 4 Total	1.56	7.45
			MSPGCL Hydro	3.36	11.77	State Total	247.46	718.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4891	65	110	5066	1658	2190	0	0	5067	4856	-1184	12586	0	12586	1860	14446	49.99
2	4851	65	110	5026	1783	2158	0	0	4756	4701	-1081	12587	0	12587	1760	14347	50.00
3	4839	75	120	5034	2042	2137	0	0	4591	4305	-1003	12515	0	12515	1679	14194	50.01
4	4814	70	120	5004	2028	2178	0	0	4538	4154	-927	12437	0	12437	1603	14040	50.03
5	4823	75	120	5018	2052	2155	0	0	4613	4507	-895	12837	0	12837	1572	14409	49.94
6	4933	85	110	5128	1876	2202	0	0	5234	5370	-928	13648	0	13648	1601	15249	49.96
7	5007	75	120	5202	1836	2423	0	34	6057	5896	-950	14441	0	14441	1616	16057	49.97
8	5028	70	110	5208	1836	2572	0	170	6289	6034	-1097	14723	0	14723	1698	16421	49.99
9	4927	70	120	5117	1892	2317	0	448	6426	6166	-1237	14703	0	14703	1874	16577	50.03
10	4942	103	110	5155	1954	2172	0	548	6516	6211	-1448	14592	0	14592	2072	16664	50.05
11	4953	153	120	5226	2063	2195	0	645	6416	5924	-1596	14457	0	14457	2186	16643	50.05
12	4970	279	110	5359	2079	2166	0	645	5712	5526	-1618	14157	0	14157	2210	16367	50.00
13	4911	735	110	5756	1956	2138	0	687	5014	5079	-1586	14030	0	14030	2183	16213	50.01
14	4893	248	120	5261	1993	2136	0	684	5606	5160	-1529	13705	0	13705	2127	15832	50.00
15	4986	201	110	5297	2055	2129	0	680	5726	5312	-1508	13965	0	13965	2107	16072	50.01
16	4994	215	110	5319	2115	2171	0	549	5318	5281	-1479	13956	0	13956	2084	16040	49.97
17	5030	213	110	5353	2138	2162	0	325	5247	5110	-1404	13684	0	13684	2017	15701	50.02
18	5050	158	120	5328	1969	2188	0	140	4855	4786	-1305	13106	0	13106	1926	15032	50.04
19	5093	87	110	5290	1988	2188	0	33	4709	4756	-1273	12982	0	12982	1895	14877	49.99
20	5285	80	120	5485	1801	2266	0	0	5358	5049	-1190	13411	0	13411	1924	15335	50.00
21	5339	58	110	5507	1814	2374	0	0	5242	4742	-1060	13377	0	13377	1888	15265	49.99
22	5153	58	120	5331	2008	2273	0	0	4825	4721	-1044	13289	0	13289	1882	15171	49.95
23	5052	63	110	5225	1802	2168	0	0	4767	4646	-1059	12782	0	12782	1872	14654	49.97
24	5024	58	120	5202	2100	2141	0	0	4869	4112	-1152	12403	0	12403	1857	14260	50.06
MUs	119.79	3.36	2.75	125.90	46.84	53.20	0.00	5.59	127.75	122.40	-29.55	324.37	0.00	324.37	45.49	369.87	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 03/Aug/2020

Position as on 6.30 Hrs of 04/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 3	70	16/07/2020	08.55		Continued.	Service Seal Leakage	
MSPGCL	Koyna STG-IV Unit-3	250	03/08/2020	09.27		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	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)	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Aug/2020

Position as on 6.30 Hrs of 04/Aug/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	28/07/2020	14.23		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	30/07/2020	03.27	03/08/2020	13.20	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 04/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
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	13/07/2020	22.23		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/07/2020	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/07/2020	17.10		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	02/08/2020	20.36	03/08/2020	09.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/08/2020	20.38	03/08/2020	08.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/08/2020	18.17		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/08/2020	20.18		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	03/08/2020	22.07		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.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	03/08/2020	11.53	03/08/2020	17.51	PO	Emergency Hot Spot Attending Work.
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)
Bombay Dyeing - Sahara	IntraState	03/08/2020	04.00		Continued.	T	Distance Protection
Aarey Saki Line 1	IntraState	03/08/2020	09.45	03/08/2020	21.05	PO	Replacement Of R-Y Phase CB Operating Mechanism.
132 KV LINE Outages/Trippings							
Kanhan-Mansar	IntraState	03/08/2020	17.14	03/08/2020	18.10	T	Distance Protection

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