

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.046	252.690	1) Gujrat	1.162	2.508
2) Hydro	2.929	8.413	2) Madhya Pradesh	7.318	15.929
3) Gas	2.720	5.450	3) Chattisgarh	4.040	8.670
Total MSPGCL	129.695	266.553	4) Maharashtra	128.321	257.035
B) 1) APML	29.270	60.376	5) Goa (Amona)	-0.974	-1.898
2) JSWEL	17.183	35.216	Total	139.867	282.244
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.035	50.805
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.225	50.993
5) WPCL	7.663	16.284	c) MSEDCL Bilateral *	33.114	65.991
6) Other IPP	6.356	13.638	Include PX	8.242	13.832
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.035	50.805
C) 1) TPCL Thermal	7.504	15.845	Include PX	18.498	36.376
2) TPCL Hydro	0.821	2.322	Standby	0.000	0.000
3) TPCL Gas	4.380	8.760	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.679	9.740	1) MSEDCL	332.070	665.898
D) STATE			2) Mumbai Discoms	42.606	87.657
1) Thermal	196.701	403.789	TOTAL STATE	374.676	753.555
(A1+C1+C4+(B1-B6))					
2) Hydro	3.750	10.735			
(A2+C2)					
3) Gas	7.100	14.210			
(A3+B7+C3)					
4) Wind	21.219	30.659			
6) SOLAR	6.042	11.921			
TOTAL STATE	234.812	471.314			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4882	5102	5078	5033
MSPGCL Hydro	383	565	204	35
MSPGCL Gas	120	110	110	110
MSPGCL Total Generation	5385	5777	5392	5178
Central Sector Receipt	7078	6261	5739	5094
WIND	328	339	1586	779
CPP / IPP Thermal	2410	2563	2654	2412
CPP / IPP Gas	0	0	0	0
SOLAR	836	834	0	0
Exchange with Mumbai	-1183	-1168	-1083	-954
MSEDCL DEMAND MET	14854	14606	14288	12509
Load Shedding	0	0	0	0
MSEDCL DEMAND	14854	14606	14288	12509
TPCL GENERATION	484	502	583	488
AEML GENERATION	189	189	189	189
MUMBAI DEMAND	1856	1859	1855	1631
STATE DEMAND MET	16710	16465	16142	14140
STATE DEMAND	16710	16465	16142	14140
Frequency (Hz)	49.92	49.95	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 07:03 Hrs	49.78 Hz at 21:00 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 02/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	11.76	23.23	590	460
Unit 9	11.20	22.25	535	410
Unit 10	0.00	0.00	0	0
Total	22.96	45.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.26	19.22	465	360
Unit 5	9.06	18.94	435	355
Total	18.32	38.16		
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	0.00	0	0
Unit 4	3.68	7.31	157	140
Unit 5	9.06	18.36	400	365
Unit 6	9.37	19.08	430	360
Unit 7	8.88	17.68	395	337
Unit 8	8.40	18.94	475	200
Unit 9	9.94	20.59	480	356
Total	49.33	101.96		
Paras				
Unit 3	4.00	9.29	250	107
Unit 4	3.34	8.07	207	76
Total	7.34	17.36		
Khaparkheda				
Unit 1	3.66	7.44	170	125
Unit 2	3.44	3.44	185	10
Unit 3	4.16	8.51	185	160
Unit 4	4.31	8.74	190	160
Unit 5	10.52	21.60	460	365
Total	26.10	49.73		
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	2.72	5.45	120	110
Total	2.72	5.45		
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)	0.67	1.39	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.67	1.39		
Koyna				
Stage 1-2	1.64	4.44	225	35
Stage 4	0.29	1.45	225	0
Stage 3	0.71	1.91	140	0
Total	2.63	7.80		
Hydro				
KDPH	0.12	0.12	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.17	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.27	40	0
RNGR+BHTSA	0.05	0.05	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	0.30	0.61		
Wind				
Total	21.22	30.66	0	0
Total	21.22	30.66		
CPP				
APML(Mus)	29.27	60.38	0	0
JSWEL(Mus)	17.18	35.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.66	16.28	0	0
Other(Mus)	6.36	13.64	0	0
Total	60.47	125.51		
SOLAR				
Total	6.04	11.92	0	0
Total	6.04	11.92		
Tata				
Trombay 5	7.50	15.84	419	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	5.62	118	116
Trombay 7B	1.57	3.14	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	0.82	2.32	230	2
Total	12.70	26.93		
AEML				
DTPS U-1&2	4.68	9.74	253	188
Total	4.68	9.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.05	252.69	MSPGCL Total	129.70	266.55
			MSPGCL Thml+Gas	126.77	258.14	Koyna 1,2 & 4 Total	1.92	5.89
			MSPGCL Hydro	2.93	8.41	State Total	234.81	471.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5200	40	110	5350	1006	2622	0	0	5540	5220	-1238	12960	0	12960	1907	14867	49.98
2	5125	45	120	5290	929	2538	0	0	5358	5072	-1107	12722	0	12722	1782	14504	49.99
3	5026	40	110	5176	838	2477	0	0	5273	5170	-1021	12640	0	12640	1692	14332	50.01
4	5033	35	110	5178	779	2412	0	0	5253	5094	-954	12509	0	12509	1631	14140	49.98
5	5284	40	110	5434	605	2479	0	0	5244	5333	-923	12928	0	12928	1586	14514	49.99
6	5667	45	120	5832	462	2657	0	0	5885	5518	-928	13541	0	13541	1594	15135	50.01
7	5824	61	120	6005	407	2709	0	35	6520	6584	-904	14836	0	14836	1581	16417	50.03
8	5554	130	110	5794	460	2652	0	212	6777	6477	-922	14673	0	14673	1601	16274	50.05
9	5122	115	120	5357	395	2546	0	450	6850	6733	-986	14495	0	14495	1671	16166	50.01
10	5147	135	110	5392	441	2508	0	655	6786	6376	-1083	14289	0	14289	1765	16054	50.06
11	5016	155	110	5281	344	2465	0	767	6930	6773	-1153	14477	0	14477	1836	16313	50.04
12	4882	383	120	5385	328	2410	0	836	6818	7078	-1183	14854	0	14854	1856	16710	49.92
13	5102	565	110	5777	339	2563	0	834	6468	6261	-1168	14606	0	14606	1859	16465	49.95
14	5231	115	110	5456	339	2674	0	696	6469	6352	-1130	14387	0	14387	1819	16206	49.95
15	5299	70	110	5479	441	2653	0	620	6393	6275	-1076	14392	0	14392	1814	16206	49.94
16	5264	165	110	5539	479	2689	0	467	6275	6324	-939	14559	0	14559	1800	16359	49.97
17	5365	50	110	5525	935	2686	0	279	6083	5785	-949	14261	0	14261	1769	16030	49.98
18	5055	62	120	5238	1319	2523	0	155	5852	5674	-1059	13850	0	13850	1746	15596	50.05
19	4883	102	110	5096	1308	2346	0	36	5798	5614	-1057	13342	0	13342	1735	15078	50.02
20	5078	204	110	5392	1586	2654	0	0	5672	5739	-1083	14288	0	14288	1855	16142	49.98
21	5055	114	120	5288	1837	2602	0	0	5467	5189	-1013	13904	0	13904	1923	15826	49.96
22	4960	70	110	5140	1922	2316	0	0	5270	5156	-1056	13478	0	13478	1922	15400	49.96
23	4944	114	120	5178	1941	2162	0	0	5002	5088	-1121	13248	0	13248	1934	15182	49.99
24	4930	74	110	5114	1779	2129	0	0	5011	4982	-1172	12832	0	12832	1931	14763	49.98
MUs	124.05	2.93	2.72	129.69	21.22	60.47	0.00	6.04	142.99	139.87	-25.22	332.07	0.00	332.07	42.61	374.68	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 02/Aug/2020

Position as on 6.30 Hrs of 03/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 Unit 4	70	16/07/2020	11.05		Continued.	Service Seal Leakage	
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 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Aug/2020

Position as on 6.30 Hrs of 03/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	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34	02/08/2020	00.55	Generator Earth Fault	
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		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2020

Statement-VII

Position as on 6.30 Hrs of 03/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
Bus Coupler @ Kalwa	IntraState	26/07/2020	10.04	02/08/2020	09.45	T	400 KV Bus Coupler Y Phase CT Blast.
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- Bableshtar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	01/08/2020	20.51	02/08/2020	08.54	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/08/2020	20.54	02/08/2020	08.50	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	02/08/2020	08.54	02/08/2020	17.09	PO	Annual Maintenance Work
Padghe - Kalwa- I	IntraState	02/08/2020	20.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/08/2020	20.38		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 500MVA ICT-IV @ Babhaleshwar	IntraState	24/07/2020	07.15	02/08/2020	18.40	T	Differential protection
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)
Boiser(M)-Boiser(PG) -III	InterState	02/08/2020	06.06	02/08/2020	09.39	EO	Hotspot attending work at Boiser end.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay Dharavi 6	IntraState	02/08/2020	07.05	02/08/2020	19.45	PO	Replacing breaker hydraulic cylinder.
Butibori - Khaperkheda	IntraState	02/08/2020	13.44	02/08/2020	20.53	T	Distance Protection
Bombay Dyeing - Sahara	IntraState	03/08/2020	04.00		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	01/08/2020	21.36	02/08/2020	03.37	T	PRV Trip.

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