State Load Despatch Center,Airoli (MSETCL) Statement I

Daily system Report for 04/Aug/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	**Daily**	**Monthly**	**E) InterState Exchanges**	**Daily**	**Monthly**
1) Thermal	114.359	486.837	1) Gujrat	-1.149	2.572
2) Hydro	6.424	18.196	2) Madhya Pradesh	4.534	27.113
3) Gas	2.740	10.940	3) Chattisgarh	4.370	17.340
Total MSPGCL	**123.523**	**515.973**	4) Maharashtra	103.809	472.666
B) 1) APML	24.113	107.477	5) Goa (Amona)	-1.588	-5.067
2) JSWEL	15.505	66.350	**Total**	**109.976**	**514.624**
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.207	101.825
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.565	107.111
5) WPCL	7.198	30.248	c) MSEDCL Bilateral *	30.920	123.300
6) Other IPP	8.380	29.834	Include PX	-2.353	14.003
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.207	101.825
C) 1) TPCL Thermal	7.039	29.819	Include PX	15.874	73.595
2) TPCL Hydro	1.077	4.027	Standby	0.000	0.000
3) TPCL Gas	4.352	16.958	**H) ENERGY CATERED (MUs)**		
4) AEML Thermal	4.523	18.794	1) MSEDCL	319.705	1309.976
D) STATE			2) Mumbai Discoms	43.556	176.706
1) Thermal (A1+C1+C4+(B1-B6))	181.117	769.359	**TOTAL STATE**	**363.261**	**1486.682**
2) Hydro (A2+C2)	7.501	22.223			
3) Gas (A3+B7+C3)	7.092	27.898			
4) Wind	52.422	129.919			
6) SOLAR	5.153	22.662			
TOTAL STATE	**253.285**	**972.061**			

* 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	4857	4816	4740	4926
MSPGCL Hydro	340	188	290	58
MSPGCL Gas	120	110	120	120
MSPGCL Total Generation	5317	5114	5150	5104
Central Sector Receipt	5271	4900	4869	3500
WIND	2574	2309	2078	1979
CPP / IPP Thermal	2146	2149	2772	2153
CPP / IPP Gas	0	0	0	0
SOLAR	608	605	0	0
Exchange with Mumbai	-1275	-1379	-1096	-961
MSEDCL DEMAND MET	**14641**	**13698**	**13773**	**11775**
Load Shedding	0	0	0	0
MSEDCL DEMAND	14641	13698	13773	11775
TPCL GENERATION	482	484	632	470
AEML GENERATION	189	189	188	188
MUMBAI DEMAND	**1946**	**2052**	**1916**	**1619**
STATE DEMAND MET	16587	15750	15689	13394
STATE DEMAND	**16587**	**15750**	**15689**	**13394**
Frequency (Hz)	49.97	50.00	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06:02 Hrs	49.83 Hz at 12:12 Hrs	50.01	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer **Shift Incharge**

State Load Despatch Center,Airoli (MSETCL) Annexure-1

Daily and Progressive Generation,Maximum,Minimum for 04/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	9.71	43.78	460	330
Unit 9	7.32	40.35	371	270
Unit 10	0.00	0.00	0	0
Total	**17.02**	**84.12**		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	4.72	32.53	360	0
Unit 5	9.00	36.46	440	350
Total	**13.72**	**69.00**		
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	3.48	4.66	163	71
Unit 4	3.16	14.04	160	92
Unit 5	8.64	35.66	370	335
Unit 6	8.70	36.44	385	330
Unit 7	8.48	34.74	366	338
Unit 8	8.93	36.60	415	360
Unit 9	8.82	38.13	400	355
Total	**50.20**	**200.28**		
Paras				
Unit 3	4.41	18.35	204	144
Unit 4	4.23	16.36	192	150
Total	**8.65**	**34.71**		
Khaparkheda				
Unit 1	3.68	14.56	165	135
Unit 2	3.94	11.24	180	160
Unit 3	3.98	16.35	180	160
Unit 4	4.03	16.68	190	160
Unit 5	9.13	39.89	440	360
Total	**24.77**	**98.73**		
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	2.74	10.94	120	110
Total	**2.74**	**10.94**		
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)	0.81	2.81	54	0
Total	**0.81**	**2.81**		
Koyna				
Stage 1-2	2.47	8.18	405	35
Stage 4	0.00	1.74	0	0
Stage 3	2.49	5.35	240	0
Total	**4.96**	**15.27**		
Hydro				
KDPH	0.14	0.70	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.88	1.22	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	0.76	40	0
RNGR+BHTSA	0.00	0.20	0	0
BHANDARDRA	0.05	0.05	19	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	0.00	0	0
Total	**1.46**	**2.93**		
Wind				
Total	52.42	129.92	0	0
Total	**52.42**	**129.92**		
CPP				
APML(Mus)	24.11	107.48	0	0
JSWEL(Mus)	15.50	66.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus	0.00	0.00	0	0
WPCL(Mus)	7.20	30.25	0	0
Other(Mus)	8.38	29.83	0	0
Total	**55.20**	**233.91**		
SOLAR				
Total	5.15	22.66	0	0
Total	**5.15**	**22.66**		
Tata				
Trombay 5	7.04	29.82	305	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	10.80	117	97
Trombay 7B	1.57	6.16	67	59
Trombay 8	0.00	0.00	0	0
TATA Hydro	1.08	4.03	232	3
Total	**12.47**	**50.80**		
AEML				
DTPS U-1&2	4.52	18.79	189	188
Total	**4.52**	**18.79**		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.36	486.84
MSPGCL Thml+Gas	117.10	497.78
MSPGCL Hydro	6.42	18.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	123.52	515.97
Koyna 1,2 & 4 Total	2.47	9.92
State Total	253.28	972.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/Aug/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4968	63	120	5151	2334	2142	0	0	4499	4110	-1114	12623	0	12623	1775	14398	50.03
2	4947	53	110	5110	2282	2153	0	0	3893	3667	-1025	12187	0	12187	1677	13864	49.99
3	4926	58	120	5104	1979	2153	0	0	3448	3500	-961	11775	0	11775	1619	13394	50.00
4	4927	58	110	5095	2253	2181	0	0	3609	3537	-892	12174	0	12174	1577	13751	50.01
5	4964	63	120	5147	2330	2148	0	0	4045	3661	-853	12433	0	12433	1542	13975	50.00
6	4961	53	110	5124	2453	2144	0	0	4554	4216	-849	13088	0	13088	1535	14623	50.03
7	4929	141	110	5180	2441	2146	0	24	5156	5109	-854	14046	0	14046	1536	15582	50.04
8	4902	268	120	5290	2497	2133	0	204	5096	5208	-954	14378	0	14378	1630	16008	50.12
9	4846	370	110	5326	2482	2137	0	414	5207	5174	-1113	14420	0	14420	1788	16208	49.98
10	4857	340	120	5317	2574	2146	0	608	5542	5271	-1275	14641	0	14641	1946	16587	49.97
11	4824	255	110	5189	2518	2129	0	618	5886	5298	-1423	14329	0	14329	2058	16387	50.05
12	4828	195	120	5143	2426	2139	0	608	5496	5247	-1411	14152	0	14152	2092	16244	50.01
13	4816	188	110	5114	2309	2149	0	605	5217	4900	-1379	13698	0	13698	2052	15750	50.00
14	4456	451	110	5017	2178	2146	0	588	4625	4708	-1312	13325	0	13325	1986	15311	49.99
15	4415	647	120	5182	2239	2153	0	544	4765	4865	-1261	13722	0	13722	1937	15659	49.96
16	4501	390	110	5001	2294	2147	0	446	5151	5097	-1234	13751	0	13751	1906	15657	49.96
17	4405	331	110	4846	2374	2160	0	309	5121	5118	-1190	13617	0	13617	1872	15489	50.01
18	4423	410	120	4953	2250	2157	0	144	4765	4861	-1178	13187	0	13187	1859	15046	50.01
19	4606	480	110	5196	2063	2426	0	41	4748	4636	-1192	13170	0	13170	1877	15047	50.04
20	4740	290	120	5150	2078	2772	0	0	4916	4869	-1096	13773	0	13773	1916	15689	50.03
21	4762	232	110	5104	1748	2899	0	0	4625	4462	-1002	13211	0	13211	1878	15089	50.03
22	4789	203	120	5112	1552	2882	0	0	4455	4311	-1018	12839	0	12839	1853	14692	49.98
23	4779	350	110	5239	1365	2800	0	0	4075	4070	-927	12547	0	12547	1830	14377	49.95
24	4788	535	110	5433	1403	2754	0	0	3886	4081	-1052	12619	0	12619	1815	14434	49.98
MUs	**114.36**	**6.42**	**2.74**	**123.52**	**52.42**	**55.20**	**0.00**	**5.15**	**112.78**	**109.98**	**-26.56**	**319.70**	**0.00**	**319.70**	**43.56**	**363.26**	**50.01**

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 04/Aug/2020

Position as on 6.30 Hrs of 05/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 04/Aug/2020

Position as on 6.30 Hrs of 05/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	Bhusawal Unit 4	500	04/08/2020	13.10		Continued.	Zero schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL)

Statement-VII

Details of Line outages/Trippings for 04/Aug/2020

Position as on 6.30 Hrs of 05/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	05/08/2020	06.31	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	31/07/2020	19.27		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/08/2020	18.17	04/08/2020	09.44	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/08/2020	20.18	04/08/2020	10.18	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	03/08/2020	22.07		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	04/08/2020	21.40		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/08/2020	21.46		Continued.	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	05/08/2020	06.35		Continued.	PO	String Replacement
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.
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	04/08/2020	12.32	04/08/2020	13.25	T	Snake fault on R Phase Tertiary Bushing
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	04/08/2020	12.10	T	Distance Protection
Vankuswade - Kdph	IntraState	04/08/2020	02.50	04/08/2020	21.00	T	Distance Protection
Harangul-Parly	IntraState	04/08/2020	08.18	04/08/2020	15.25	T	Distance Protection
Karad-Nerle	IntraState	04/08/2020	09.00	04/08/2020	23.42	HT	Load Management
Dondaicha(220)-Amalner(220)	IntraState	04/08/2020	11.06	04/08/2020	14.20	PO	Breaker cable replacement work
Dahanu-Viraj	IntraState	04/08/2020	11.38		Continued.	EO	R Phase PT Dropper Conductor Snapped
Osmanabad - Solapur (Bale)	IntraState	04/08/2020	14.15	04/08/2020	16.24	PO	Line Signature work
Urse - Talegaon (Ambi) Ckt 1	IntraState	05/08/2020	01.39		Continued.	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 2	IntraState	05/08/2020	01.40	05/08/2020	02.13	T	Tripped at Urse end only
220 KV ICT Outages/Trippings							
220/132kv 100 Mva Ict 2 @Peth	IntraState	04/08/2020	12.01	04/08/2020	14.58	PO	Testing Work

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