

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.249	1263.946	1) Gujrat	-1.708	-11.172
2) Hydro	4.518	63.934	2) Madhya Pradesh	7.939	104.098
3) Gas	5.868	64.100	3) Chattisgarh	4.550	56.060
Total MSPGCL	126.635	1391.980	4) Maharashtra Net	108.368	1144.645
B) 1) APML	54.779	607.326	5) Goa (Amona)	-0.572	-7.964
2) JSWEL	11.648	193.527	Total	118.577	1285.667
3) VIPL	5.061	59.216	a) Mumbai Schedule	20.339	255.971
4) RPL(AMT)	24.881	289.449	b) Mumbai Drawl	27.044	311.342
5) WPCL	4.701	44.721	c) MSEDCL Bilateral *	18.072	204.264
6) PGPL	0.000	0.000	Include PX	0.404	4.275
7) Other IPP	3.264	38.729	d) Mumbai Bilateral *	20.339	255.971
C) 1) TPCL Thermal	12.980	150.186	Include PX	6.686	89.500
2) TPCL Hydro	3.316	50.112	Include Standby	0.000	0.000
3) TPCL Gas	4.024	37.814	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.274	105.383	1) MSEDCL	384.692	4208.685
D) STATE			2) Mumbai Discoms	56.638	654.838
1) Thermal	242.837	2752.483	TOTAL STATE	441.330	4863.523
(A1+C1+C4+(B1-B6))					
2) Hydro	7.834	114.046			
(A2+C2)					
3) Gas	9.892	101.914			
(A3+B6+C3)					
4) Wind	58.545	565.763			
6) SOLAR	3.645	43.649			
TOTAL STATE	322.753	3577.855			

* 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	5036	4910	4841	4690
MSPGCL Hydro	253	255	304	106
MSPGCL Gas	240	249	258	241
MSPGCL Total Generation	5529	5414	5403	5037
Central Sector Receipt	5915	5996	4492	3683
WIND	2511	2611	2594	2443
CPP / IPP Thermal	4284	4255	4635	4230
CPP / IPP Gas	0	0	0	0
SOLAR	450	524	0	0
Exchange with Mumbai	-1474	-1448	-1034	-873
MSEDCL DEMAND MET	17215	17352	16090	14520
Load Shedding	0	0	0	0
MSEDCL DEMAND	17215	17352	16090	14520
TPCL GENERATION	975	951	1163	617
R-INFRA GENERATION	375	375	376	375
MUMBAI DEMAND	2824	2774	2573	1865
STATE DEMAND MET	20039	20126	18663	16385
STATE DEMAND	20039	20126	18663	16385
Frequency (Hz)	49.97	50.02	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13:02 Hrs	49.85 Hz at 00:05 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 11/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.92	0	0
Unit 8	9.55	99.06	448	345
Unit 9	10.55	103.03	515	348
Unit 10	0.00	0.00	0	0
Total	20.10	206.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.10	101.12	450	345
Total	9.10	186.37		
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	5.00	55.99	248	191
Unit 8	5.07	59.05	231	193
Total	10.07	115.04		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.23	31.43	184	161
Unit 5	9.63	106.71	420	380
Unit 6	0.00	85.09	0	0
Unit 7	9.63	110.38	426	379
Unit 8	10.37	87.12	459	410
Unit 9	10.00	32.00	445	328
Total	43.85	452.74		
Paras				
Unit 3	5.10	54.61	232	185
Unit 4	5.27	55.40	240	185
Total	10.38	110.00		
Khaparkheda				
Unit 1	2.62	33.37	130	80
Unit 2	3.12	38.56	160	100
Unit 3	0.25	11.65	85	0
Unit 4	3.62	41.32	170	130
Unit 5	9.18	24.62	430	316
Total	18.80	149.52		
Nasik				
Unit 3	3.95	17.35	188	158
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.95	44.26		
Uran				
All Units	5.87	64.10	262	236
Total	5.87	64.10		
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)	0.00	0.52	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.52		
Koyna				
Stage 1-2	1.26	19.18	180	35
Stage 4	0.00	7.17	0	0
Stage 3	0.49	9.73	80	0
Total	1.75	36.07		
Hydro				
KDPH	0.86	5.57	36	36
VTRNA	0.00	0.80	0	0
TILLARI	0.72	7.56	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	4.52	80	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	3.70	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	5.38	25	14
GHATGHAR	0.00	0.00	0	0
Total	2.77	27.86		
Wind				
Total	58.54	565.76	0	0
Total	58.54	565.76		
CPP				
APML(Mus)	54.78	607.33	0	0
JSWEL(Mus)	11.65	193.53	0	0
VIPL(Mus)	5.06	59.22	0	0
RPLAMT(Mus)	24.88	289.45	0	0
WPCL(Mus)	4.70	44.72	0	0
Other(Mus)	3.26	38.73	0	0
Total	104.33	1232.97		
SOLAR				
Total	3.64	43.65	0	0
Total	3.64	43.65		
Tata				
Trombay 5	7.80	92.32	475	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	23.82	118	64
Trombay 7B	1.53	14.00	68	51
Trombay 8	5.18	57.87	231	204
TATA Hydro	3.32	50.11	444	0
Total	20.32	238.11		
R-INFRA				
DTPS U-1&2	9.27	105.38	501	374
Total	9.27	105.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.25	1263.95	MSPGCL Total	126.64	1391.98
			MSPGCL Thml+Gas	122.12	1328.05	Koyna 1,2 & 4 Total	1.26	26.35
			MSPGCL Hydro	4.52	63.93	State Total	322.75	3577.86

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Aug/2018

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	4737	216	239	5192	2359	4287	0	0	4271	4281	-1084	15035	0	15035	2158	17193	49.94
2	4734	111	241	5086	2375	4270	0	0	4153	3926	-992	14665	0	14665	2035	16700	49.96
3	4738	106	250	5094	2325	4283	0	0	4051	3847	-911	14638	0	14638	1912	16550	50.00
4	4690	106	241	5037	2443	4230	0	0	3990	3683	-873	14520	0	14520	1865	16385	50.02
5	4699	106	260	5065	2594	4053	0	0	4211	4403	-871	15244	0	15244	1863	17107	49.99
6	4909	245	240	5394	2001	4235	0	0	4483	4936	-925	15641	0	15641	1920	17561	49.99
7	5062	206	242	5510	1847	4657	0	26	5858	5974	-816	17198	0	17198	2021	19219	49.96
8	5083	162	250	5495	1722	4675	0	132	6282	6152	-711	17465	0	17465	2063	19528	50.01
9	5063	195	240	5498	2225	4641	0	298	5953	5950	-901	17711	0	17711	2203	19914	50.00
10	5007	225	240	5472	2432	4566	0	383	5586	5594	-1137	17310	0	17310	2440	19750	50.02
11	5019	255	262	5536	2482	4431	0	362	5514	5696	-1420	17087	0	17087	2722	19809	49.98
12	5036	253	240	5529	2511	4284	0	450	5694	5915	-1474	17215	0	17215	2824	20039	49.97
13	4910	255	249	5414	2611	4255	0	524	5786	5996	-1448	17352	0	17352	2774	20126	50.02
14	4855	255	238	5348	2734	4263	0	422	5468	5566	-1426	16907	0	16907	2701	19608	50.06
15	4854	238	236	5328	2715	4256	0	374	5459	5576	-1415	16834	0	16834	2701	19535	49.98
16	4784	165	247	5196	2706	4225	0	298	5367	5403	-1376	16452	0	16452	2668	19120	50.00
17	4770	164	248	5182	3016	4219	0	226	5252	5296	-1349	16590	0	16590	2621	19211	50.01
18	4710	159	237	5106	2967	4195	0	124	5210	4863	-1304	15951	0	15951	2557	18508	50.00
19	4667	206	240	5113	2604	4098	0	26	4837	4864	-1278	15427	0	15427	2551	17978	49.97
20	4841	304	258	5403	2594	4635	0	0	4620	4492	-1034	16090	0	16090	2573	18663	50.00
21	4840	246	241	5327	2429	4474	0	0	4474	4316	-1176	15370	0	15370	2546	17916	50.01
22	4898	127	239	5264	2460	4443	0	0	4210	3924	-1092	14999	0	14999	2423	17422	49.96
23	4673	104	249	5026	2277	4379	0	0	3891	3729	-914	14497	0	14497	2297	16794	49.97
24	4670	109	241	5020	2116	4279	0	0	4135	4195	-1117	14493	0	14493	2200	16693	49.98
MUs	116.25	4.52	5.87	126.64	58.55	104.33	0.00	3.64	118.75	118.58	-27.04	384.69	0.00	384.69	56.64	441.33	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 11/Aug/2018

Position as on 6.30 Hrs of 12/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
IPP	Adani U-1	660	04/08/2018	00:00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	Bucchholz relay operated And Declare Fail.	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
IPP	IEPL Unit 1	270	11/07/2018	13.00		Continued.	poor coal receipt.	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
IPP	Dhariwal	300	13/07/2018	23.59		Continued.	Critical coal stock	
MSPGCL	Koradi Unit 6	210	16/07/2018	09.18		Continued.	due to low pressure.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	compressor search protection	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Khaparkheda Unit 3	210	03/08/2018	23.03	11/08/2018	20.10	Chemical parameter abnormal.	
MSPGCL	Koyna STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2018

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 I	InterState	09/08/2018	18.33		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad - Jaigad - II	IntraState	07/08/2018	20.36		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	10/08/2018	14.30	11/08/2018	20.05	T	Distance Protection
Bus Coupler @ Kharghar	IntraState	11/08/2018	09.21	11/08/2018	19.38	PO	Attending Hot Spot
Ektuni-Taptitanda II	IntraState	11/08/2018	09.32	11/08/2018	17.02	PO	Relay Testing Work
Khadka-Aurangabad (Waluj)	IntraState	11/08/2018	18.04	12/08/2018	06.43	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	12/08/2018	01.48	12/08/2018	14.50	T	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	12/08/2018	06.23		Continued.	T	Distance Protection
New Koyna - Dabhol - li	IntraState	12/08/2018	15.29	12/08/2018	16.35	T	From New Konya end.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	11/08/2018	09.03	12/08/2018	18.52	PO	Routine Maintenance Work
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	11/08/2018	09.07	11/08/2018	14.45	PO	Testing Work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	12/08/2018	08.34	12/08/2018	11.20	PO	Bus bar relay replacement work.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	12/08/2018	11.37	12/08/2018	14.00	PO	Connect tripping contacts of new bus bar protection.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Line Maintenance work
Theur-Jejuri	IntraState	10/08/2018	23.55	11/08/2018	09.05	T	Distance Protection
Nerul-Trombay	IntraState	11/08/2018	06.34	11/08/2018	13.27	PO	Bunching of to sonkher line
Kalwa-TIFIL	IntraState	11/08/2018	09.37	11/08/2018	13.20	PO	B-phase replacement work
Pophali - Kdph	IntraState	11/08/2018	11.45	11/08/2018	16.55	PO	Jumper Replacement work
Kharghar-Borivali ckt I	IntraState	11/08/2018	12.10	11/08/2018	20.40	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	11/08/2018	16.05	11/08/2018	18.59	PO	Attending Hot Spot
Karad-Nerle	IntraState	12/08/2018	04.40	12/08/2018	09.26	T	Distance Protection
Pophali - Nerale	IntraState	12/08/2018	04.40	12/08/2018	20.45	T	Distance Protection
New Koyna - Pedambe	IntraState	12/08/2018	04.45	12/08/2018	05.25	T	Distance Protection
Babhaleshwar - Degaon Rangari	IntraState	12/08/2018	06.57	12/08/2018	17.50	T	Distance Protection
Nagothane - MSL	IntraState	12/08/2018	11.38	12/08/2018	19.15	PO	Line Maintenance work

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 11/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - ONGC Panvel	IntraState	12/08/2018	13.40	12/08/2018	21.30	T	From Kandalgaon end.
Butibori - Wardha	IntraState	12/08/2018	19.14	12/08/2018	19.51	HT	LPG gas truck fall down under line 194 LOC.
Butibori - Purti	IntraState	12/08/2018	19.15	12/08/2018	19.53	HT	LPG gas truck fall down under line 194 LOC.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.

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