

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Aug/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.689	193.432	1) Gujrat	-0.286	0.922
2) Hydro	7.893	13.987	2) Madhya Pradesh	11.493	22.443
3) Gas	5.781	11.552	3) Chattisgarh	5.320	9.960
Total MSPGCL	112.363	218.971	4) Maharashtra Net	105.328	216.861
B) 1) APML	57.995	116.770	5) Goa (Amona)	-0.880	-1.716
2) JSWEL	19.070	38.307	Total	120.975	248.470
3) VIPL	5.054	10.113	a) Mumbai Schedule	25.951	52.939
4) RPL(AMT)	29.516	52.575	b) Mumbai Drawl	28.316	61.467
5) WPCL	4.980	9.987	c) MSEDCL Bilateral *	21.685	49.579
6) PGPL	0.000	0.000	Include PX	0.617	4.104
7) Other IPP	3.789	7.726	d) Mumbai Bilateral *	25.951	52.939
C) 1) TPCL Thermal	15.328	29.055	Include PX	10.398	22.018
2) TPCL Hydro	4.985	10.648	Include Standby	0.000	0.000
3) TPCL Gas	2.981	2.981	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.632	20.248	1) MSEDCL	378.402	751.935
D) STATE			2) Mumbai Discoms	62.242	124.399
1) Thermal	245.053	478.213	TOTAL STATE	440.644	876.334
(A1+C1+C4+(B1-B6))					
2) Hydro	12.878	24.635			
(A2+C2)					
3) Gas	8.762	14.533			
(A3+B6+C3)					
4) Wind	48.545	101.577			
6) SOLAR	4.431	8.906			
TOTAL STATE	319.669	627.864			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4104	4085	4433	3856
MSPGCL Hydro	220	444	789	70
MSPGCL Gas	238	238	239	249
MSPGCL Total Generation	4562	4767	5461	4175
Central Sector Receipt	5480	5502	5101	4454
WIND	2688	2239	1492	1810
CPP / IPP Thermal	4969	5087	5201	4724
CPP / IPP Gas	0	0	0	0
SOLAR	588	291	0	0
Exchange with Mumbai	-1757	-1316	-1112	-932
MSEDCL DEMAND MET	16530	16570	16143	14231
Load Shedding	0	0	0	0
MSEDCL DEMAND	16530	16570	16143	14231
TPCL GENERATION	1098	1193	1235	530
R-INFRA GENERATION	372	500	501	375
MUMBAI DEMAND	3227	3009	2848	1837
STATE DEMAND MET	19757	19579	18991	16068
STATE DEMAND	19757	19579	18991	16068
Frequency (Hz)	49.98	49.90	49.85	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 13.04 Hrs	49.64 Hz at 06.20 Hrs	49.95	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	1.57	2.31	110	40
Unit 8	8.50	16.59	434	300
Unit 9	9.44	17.64	502	299
Unit 10	0.00	0.00	0	0
Total	19.52	36.53		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.24	18.80	485	335
Unit 5	9.22	18.76	445	350
Total	18.46	37.56		
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	5.43	10.34	250	151
Unit 8	4.88	10.43	225	187
Total	10.31	20.78		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.54	19.46	430	370
Unit 6	1.73	1.73	386	33
Unit 7	10.23	20.64	446	411
Unit 8	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Total	21.50	41.83		
Paras				
Unit 3	5.51	10.36	240	217
Unit 4	5.45	10.31	240	210
Total	10.96	20.67		
Khaparkheda				
Unit 1	2.98	5.90	145	105
Unit 2	3.06	6.62	155	95
Unit 3	3.86	7.67	170	151
Unit 4	3.91	7.68	170	150
Unit 5	0.00	0.00	0	0
Total	13.81	27.86		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	8.20	189	160
Unit 5	0.00	0.00	0	0
Total	4.13	8.20		
Uran				
All Units	5.78	11.55	250	228
Total	5.78	11.55		
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)	0.15	0.22	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	0.22		
Koyna				
Stage 1-2	2.80	4.41	460	40
Stage 4	1.65	2.12	491	0
Stage 3	1.59	2.34	160	0
Total	6.03	8.87		
Hydro				
KDPH	0.00	0.32	0	0
VTRNA	0.00	0.23	0	0
TILLARI	0.67	1.08	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	0.87	80	0
RNGR+BHTSA	0.00	0.18	0	0
BHANDARDRA	0.33	0.66	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	1.77	26	15
GHATGHAR	0.00	0.00	0	0
Total	1.86	5.12		
Wind				
Total	48.54	101.58	0	0
Total	48.54	101.58		
CPP				
APML(Mus)	58.00	116.77	0	0
JSWEL(Mus)	19.07	38.31	0	0
VIPL(Mus)	5.05	10.11	0	0
RPLAMT(Mus)	29.52	52.58	0	0
WPCL(Mus)	4.98	9.99	0	0
Other(Mus)	3.79	7.73	0	0
Total	120.40	235.48		
SOLAR				
Total	4.43	8.91	0	0
Total	4.43	8.91		
Tata				
Trombay 5	9.91	18.36	482	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.09	2.09	118	0
Trombay 7B	0.89	0.89	67	0
Trombay 8	5.42	10.70	242	213
TATA Hydro	4.98	10.65	345	0
Total	23.29	42.68		
R-INFRA				
DTPS U-1&2	10.63	20.25	502	372
Total	10.63	20.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	98.69	193.43	MSPGCL Total	112.36	218.97
			MSPGCL Thml+Gas	104.47	204.98	Koyna 1,2 & 4 Total	4.45	6.53
			MSPGCL Hydro	7.89	13.99	State Total	319.67	627.86

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	3916	145	248	4309	1910	4732	0	0	4493	4635	-1161	14425	0	14425	2240	16665	49.94
2	3892	130	238	4260	1709	4734	0	0	4318	4470	-973	14200	0	14200	2029	16229	49.94
3	3827	75	238	4140	1809	4737	0	0	4507	4524	-973	14237	0	14237	1910	16147	49.97
4	3856	70	249	4175	1810	4724	0	0	4610	4454	-932	14231	0	14231	1837	16068	49.99
5	3881	70	237	4188	1885	4817	0	0	4582	4544	-914	14520	0	14520	1829	16349	49.95
6	3973	191	238	4402	2045	5046	0	0	4670	4499	-790	15202	0	15202	1938	17140	49.92
7	3960	1063	247	5270	2050	5095	0	20	5144	5242	-729	16948	0	16948	2048	18996	49.87
8	3912	956	238	5106	2327	5091	0	115	5266	5600	-883	17356	0	17356	2283	19639	49.98
9	3910	507	239	4656	2495	5084	0	256	5244	5337	-1109	16719	0	16719	2625	19344	50.00
10	4057	305	238	4600	2698	5058	0	365	5048	5316	-1426	16611	0	16611	3006	19617	50.01
11	4092	180	237	4509	2664	5007	0	477	5204	5309	-1645	16321	0	16321	3170	19491	49.98
12	4104	220	238	4562	2688	4969	0	588	5250	5480	-1757	16530	0	16530	3227	19757	49.98
13	4102	290	228	4620	2411	5062	0	629	5342	5438	-1704	16456	0	16456	3112	19568	50.01
14	4051	220	236	4507	2369	5074	0	574	5244	5453	-1604	16373	0	16373	2999	19372	49.98
15	4109	292	249	4650	2282	5077	0	570	5231	5471	-1617	16433	0	16433	3017	19450	49.94
16	4114	404	239	4757	2173	5082	0	404	5168	5525	-1423	16518	0	16518	3036	19554	49.96
17	4085	444	238	4767	2239	5087	0	291	5133	5502	-1316	16570	0	16570	3009	19579	49.90
18	4152	484	249	4885	1872	5085	0	123	4857	5007	-1280	15693	0	15693	2969	18662	49.96
19	4307	386	239	4932	1719	5140	0	19	4798	5007	-1173	15644	0	15644	2887	18531	49.95
20	4433	789	239	5461	1492	5201	0	0	4730	5101	-1112	16143	0	16143	2848	18991	49.85
21	4539	417	250	5206	1491	5208	0	0	4736	4923	-999	15829	0	15829	2738	18567	49.91
22	4462	119	239	4820	1409	5204	0	0	4594	4786	-856	15363	0	15363	2592	17955	49.94
23	4481	68	250	4799	1473	5056	0	0	4812	4745	-906	15167	0	15167	2502	17669	49.85
24	4474	68	240	4782	1525	5037	0	0	4816	4607	-1034	14917	0	14917	2391	17308	49.92
MUs	98.69	7.89	5.78	112.36	48.55	120.41	0.00	4.43	117.80	120.97	-28.32	378.41	0.00	378.41	62.24	440.65	49.95

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/2018

Position as on 6.30 Hrs of 03/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	Khaparkheda Unit 5	500	20/06/2018	05.14		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 6	250	24/06/2018	18.02		Continued.	Zero Schedule(Converted for Capital overhaul from 18.00Hrs Dt. 24/07/2018)	
MSPGCL	Chandrapur Unit 9	500	01/07/2018	11.35		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual 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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		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.	
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	
TPC-G	Trombay 7B	60	22/07/2018	01.00	02/08/2018	10.09	Gas Path Inspection.	
TPC-G	Trombay 7A	120	22/07/2018	01.08	02/08/2018	04.27	Gas Path Inspection.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Nasik Unit 3	210	27/07/2018	09.06		Continued.	Boiler Tube Leakage	
IPP	Adani U-1	660	29/07/2018	00.47		Continued.	Due To APH-A Hot PA Expansion Bellow Leakage.	
MSPGCL	Chandrapur Unit-8	500	31/07/2018	02.01		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	31/07/2018	11.42	02/08/2018	17.40	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 03/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 II	InterState	07/07/2018	17.14		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	01/08/2018	21.25	02/08/2018	19.40	T	Distance Protection
Parli(MS)-Parli (PG) II	InterState	02/08/2018	13.06	02/08/2018	15.36	T	Distance Protection
Parli(MS)-Parli (PG) I	InterState	02/08/2018	13.06	02/08/2018	15.31	T	Distance Protection
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bus Coupler @ Padgha	IntraState	01/08/2018	10.47	02/08/2018	04.30	EO	Attending Hot Spot
Karad - Jaigad - II	IntraState	01/08/2018	17.56		Continued.	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	01/08/2018	19.54	02/08/2018	04.08	T	Distance Protection
Chandrapur II - Chandrapur SW Ckt I	IntraState	02/08/2018	08.36	02/08/2018	16.39	PO	Routine Maintenance Work
Spare line III Bay @ Chakan	IntraState	02/08/2018	13.06	02/08/2018	15.54	PO	removal of rotory isolator & will be fitted on bus-coupler.
Padghe - Kalwa-II	IntraState	02/08/2018	19.18	03/08/2018	06.27	T	to insulator string decapped at loc no.1129.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	01/08/2018	23.17	02/08/2018	01.23	T	LV Bhushing Sprking Y PH
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	02/08/2018	10.26	02/08/2018	20.01	PO	Annual Maintenance Work
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.
Akola-Paras Ckt No-li	IntraState	05/07/2018	09.56		Continued.	PO	FOR REMOVING OF JUMPER AT LOC 314 FOR BUNCHING OF CONDUCTOR AT LOC 86.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Chinchwad-Hinjewadi I	IntraState	01/08/2018	21.32	02/08/2018	06.47	HT	Control Overloading Of 220KV Urse chinchwad.
Urse - Talegaon (Ambi) Ckt 2	IntraState	01/08/2018	21.37	02/08/2018	06.33	T	Distance Protection
Lonikand-VSNL	IntraState	01/08/2018	21.55	02/08/2018	05.42	T	Distance Protection
Urse - Talegaon (Ambi) Ckt 1	IntraState	02/08/2018	04.25	02/08/2018	04.55	T	Bus Bar Operated at 220 kv Urse substation.
Urse-Mahindra vehicle	IntraState	02/08/2018	04.25	02/08/2018	05.09	T	Bus Bar Operated at 220 kv Urse substation.
Urse-Chinchwad	IntraState	02/08/2018	04.25	02/08/2018	05.00	T	Bus Bar Operated at 220 kv Urse substation.
Sahara-Urse	IntraState	02/08/2018	04.25	02/08/2018	06.34	T	Bus Bar Operated at 220 kv Urse substation.
Mahape - TIFIL	IntraState	02/08/2018	09.05	02/08/2018	17.30	EO	Attending Hot Spot
Walchandnagar-Bhigwan	IntraState	02/08/2018	10.07	02/08/2018	19.14	PO	replacement of cb pressure switch.
Oni Kharepatan Line	IntraState	02/08/2018	10.18	02/08/2018	15.38	PO	Quarterly Maintainance 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 02/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 03/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay-Salsette II	IntraState	02/08/2018	10.30	02/08/2018	17.48	PO	installation of fail safe arrangement.
Karad - Kadegaon	IntraState	02/08/2018	10.31	02/08/2018	13.26	PO	replacement of flash over.
220kv Halkarni- Tillary	IntraState	02/08/2018	14.38	02/08/2018	17.22	EO	to attend red hot & conductor strands of B PH near line isolator.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
132 KV LINE Outages/Trippings							
Kanhan-Bhandara	IntraState	02/08/2018	21.02		Continued.	T	Distance Protection

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