

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Aug/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.011	1958.875	1) Gujrat	-3.301	-36.105
2) Hydro	8.312	120.252	2) Madhya Pradesh	4.564	140.573
3) Gas	3.887	97.656	3) Chattisgarh	4.250	84.970
Total MSPGCL	98.210	2176.783	4) Maharashtra Net	102.905	1854.875
B) 1) APML	55.829	972.084	5) Goa (Amona)	-0.506	-12.188
2) JSWEL	10.301	272.539	Total	107.912	2032.125
3) VIPL	4.303	94.995	a) Mumbai Schedule	20.655	405.213
4) RPL(AMT)	13.168	454.067	b) Mumbai Drawl	24.788	486.904
5) WPCL	4.108	75.150	c) MSEDCL Bilateral *	17.094	347.464
6) PGPL	0.000	0.000	Include PX	-0.893	15.848
7) Other IPP	2.864	60.888	d) Mumbai Bilateral *	20.655	405.213
C) 1) TPCL Thermal	13.458	243.738	Include PX	6.473	130.765
2) TPCL Hydro	4.210	79.402	Include Standby	0.000	0.000
3) TPCL Gas	3.710	64.952	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.855	172.414	1) MSEDCL	331.673	6653.587
D) STATE			2) Mumbai Discoms	56.021	1047.411
1) Thermal	199.897	4304.750	TOTAL STATE	387.694	7700.998
(A1+C1+C4+(B1-B6))					
2) Hydro	12.522	199.654			
(A2+C2)					
3) Gas	7.597	162.608			
(A3+B6+C3)					
4) Wind	56.301	937.166			
6) SOLAR	3.465	64.694			
TOTAL STATE	279.782	5668.872			

* 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 2 Hrs
MSPGCL Thermal	3800	3249	3836	3545
MSPGCL Hydro	421	254	1047	130
MSPGCL Gas	130	129	246	119
MSPGCL Total Generation	4351	3632	5129	3794
Central Sector Receipt	5050	4988	4546	3557
WIND	2489	2757	2289	2188
CPP / IPP Thermal	3969	3657	3899	3465
CPP / IPP Gas	0	0	0	0
SOLAR	373	494	0	0
Exchange with Mumbai	-1387	-1529	-975	-826
MSEDCL DEMAND MET	14845	13999	14888	12178
Load Shedding	0	0	0	0
MSEDCL DEMAND	14845	13999	14888	12178
TPCL GENERATION	837	929	1167	643
R-INFRA GENERATION	375	374	502	373
MUMBAI DEMAND	2599	2832	2644	1842
STATE DEMAND MET	17444	16831	17532	14020
STATE DEMAND	17444	16831	17532	14020
Frequency (Hz)	50.01	49.99	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.01 Hrs	49.72 Hz at 18.40 Hrs	49.97	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 18/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	7.01	153.42	332	200
Unit 9	8.25	166.07	408	314
Unit 10	0.00	0.00	0	0
Total	15.26	323.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	10.15	169.65	470	355
Total	10.15	254.90		
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	79.31	0	0
Unit 8	5.39	94.71	245	190
Total	5.39	174.03		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	58.53	181	154
Unit 5	4.06	151.24	300	0
Unit 6	1.56	86.66	310	0
Unit 7	6.16	154.68	285	225
Unit 8	5.88	144.49	350	91
Unit 9	3.60	82.86	350	194
Total	25.45	678.46		
Paras				
Unit 3	4.95	90.16	237	175
Unit 4	4.81	87.32	221	181
Total	9.76	177.48		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	2.40	59.12	130	70
Unit 3	3.44	35.16	156	125
Unit 4	3.24	65.34	147	120
Unit 5	6.83	85.44	348	210
Total	15.91	278.44		
Nasik				
Unit 3	4.09	45.25	188	158
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	4.09	72.16		
Uran				
All Units	3.89	97.66	251	117
Total	3.89	97.66		
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)	0.21	1.28	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.21	1.28		
Koyna				
Stage 1-2	1.58	32.49	365	40
Stage 4	0.71	14.84	322	0
Stage 3	1.62	19.20	160	0
Total	3.92	66.53		
Hydro				
KDPH	0.82	11.51	34	33
VTRNA	0.96	4.75	61	0
TILLARI	0.78	12.92	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	7.44	80	0
RNGR+BHTSA	0.38	2.04	16	15
BHANDARDRA	0.34	6.11	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	8.83	30	19
GHATGHAR	0.13	0.13	122	0
Total	4.40	53.72		
Wind				
Total	56.30	937.17	0	0
Total	56.30	937.17		
CPP				
APML(Mus)	55.83	972.08	0	0
JSWEL(Mus)	10.30	272.54	0	0
VIPL(Mus)	4.30	95.00	0	0
RPLAMT(Mus)	13.17	454.07	0	0
WPCL(Mus)	4.11	75.15	0	0
Other(Mus)	2.86	60.89	0	0
Total	90.57	1929.72		
SOLAR				
Total	3.46	64.69	0	0
Total	3.46	64.69		
Tata				
Trombay 5	8.22	149.30	480	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	40.52	117	62
Trombay 7B	1.45	24.43	68	51
Trombay 8	5.24	94.44	241	197
TATA Hydro	4.21	79.40	390	0
Total	21.38	388.09		
R-INFRA				
DTPS U-1&2	9.86	172.41	502	373
Total	9.86	172.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.01	1958.88	MSPGCL Total	98.21	2176.78
			MSPGCL Thml+Gas	89.90	2056.53	Koyna 1,2 & 4 Total	2.29	47.33
			MSPGCL Hydro	8.31	120.25	State Total	279.78	5668.87

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	3541	130	119	3790	2208	3617	0	0	4108	3908	-982	12541	0	12541	2002	14543	49.96
2	3545	130	119	3794	2188	3465	0	0	3655	3557	-826	12178	0	12178	1842	14020	49.96
3	3527	130	129	3786	2252	3613	0	0	3426	3482	-764	12369	0	12369	1748	14117	49.98
4	3503	130	120	3753	2261	3591	0	0	3405	3450	-707	12348	0	12348	1692	14040	50.02
5	3463	130	130	3723	2379	3636	0	0	3737	3717	-704	12751	0	12751	1691	14442	50.00
6	3638	180	120	3938	2293	3754	0	0	4051	4064	-577	13472	0	13472	1799	15271	49.99
7	3721	330	120	4171	2293	4032	0	12	4672	4545	-463	14590	0	14590	1907	16497	50.00
8	3701	328	129	4158	2118	4044	0	104	4790	4949	-394	14979	0	14979	2070	17049	50.03
9	3772	441	120	4333	2347	4090	0	239	4951	4963	-1031	14941	0	14941	2295	17236	49.99
10	3800	421	130	4351	2489	3969	0	373	5050	5050	-1387	14845	0	14845	2599	17444	50.01
11	3336	425	118	3879	2601	3891	0	388	5059	5266	-1478	14547	0	14547	2811	17358	49.96
12	3251	406	117	3774	2571	3844	0	497	5296	5177	-1521	14342	0	14342	2872	17214	49.92
13	3249	254	129	3632	2757	3657	0	494	5181	4988	-1529	13999	0	13999	2832	16831	49.99
14	3313	264	122	3699	2838	3596	0	384	4862	4695	-1431	13781	0	13781	2708	16489	49.95
15	3288	320	160	3768	2582	3604	0	352	4764	4799	-1372	13733	0	13733	2691	16424	49.90
16	3419	328	174	3921	2440	3576	0	288	4667	4790	-1363	13652	0	13652	2652	16304	49.98
17	3544	349	194	4087	2455	3570	0	224	4923	5058	-1352	14042	0	14042	2631	16673	50.04
18	3608	364	202	4174	2486	3615	0	92	5036	4969	-1317	14019	0	14019	2600	16619	49.96
19	3668	459	204	4331	2284	3930	0	18	4616	4850	-1049	14364	0	14364	2611	16975	49.90
20	3836	1047	246	5129	2289	3899	0	0	4483	4546	-975	14888	0	14888	2644	17532	49.93
21	3878	749	241	4868	2056	3983	0	0	4276	4541	-873	14575	0	14575	2543	17118	49.94
22	3831	438	242	4511	1956	3913	0	0	4330	4396	-820	13956	0	13956	2400	16356	49.96
23	3807	347	251	4405	2027	3956	0	0	4256	4098	-864	13622	0	13622	2258	15880	49.93
24	3772	212	251	4235	2131	3727	0	0	4276	4054	-1009	13138	0	13138	2123	15261	50.03
MUs	86.01	8.31	3.89	98.21	56.30	90.57	0.00	3.46	107.87	107.91	-24.79	331.67	0.00	331.67	56.02	387.69	49.97

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 18/Aug/2018

Position as on 6.30 Hrs of 19/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.	Capital 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 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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	GT winding short.	
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.	R & M Work	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Boiler Validity Extention	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	
MSPGCL	Chandrapur Unit 6	500	10/08/2018	23.15	18/08/2018	17.45	Water Shortage	
MSPGCL	Khaparkhedda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Uran Unit B0	120	16/08/2018	02.05	19/08/2018	18.33	Sparking at B-0 R Phase Bushing.	
MSPGCL	Uran Unit 8	108	16/08/2018	02.05		Continued.	Sparking at B-0 R Phase Bushing.	
MSPGCL	Parli Unit 7	250	16/08/2018	23.45	19/08/2018	02.15	BOILER VALIDITY EXTENTION.	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
MSPGCL	Chandrapur Unit 5	500	17/08/2018	22.08	18/08/2018	08.33	AVR FAULTY.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Aug/2018

Position as on 6.30 Hrs of 19/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
IPP	VIPL U-1	300	18/08/2018	00.39	18/08/2018	01.30	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	18/08/2018	09.54	18/08/2018	13.19	electrical protection.	
MSPGCL	Chandrapur Unit 9	500	18/08/2018	10.42		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-3	270	18/08/2018	11.35		Continued.	to leakage in cooling water system.	
MSPGCL	Chandrapur Unit 4	210	19/08/2018	20.36		Continued.	Drum level Very low Protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 19/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	16/08/2018	03.38		Continued.	T	Distance Protection
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	14/08/2018	18.15	18/08/2018	10.10	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	16/08/2018	06.46		Continued.	PO	LOC NO-54, R-PHASE STRING DECAPPED.(RFC at:13:16 dt:18/06/2018)
Lonikand I - Koyna stage-IV	IntraState	18/08/2018	08.29	18/08/2018	17.42	PO	insulator string replacement work.
N.Koyna-Karad -Ckt I	IntraState	18/08/2018	10.39	18/08/2018	16.53	EO	To attend Hot Spot
koaradi II - Wardha(PG)	IntraState	18/08/2018	13.08	18/08/2018	15.09	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	18/08/2018	23.32		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	19/08/2018	11.59	19/08/2018	14.34	EO	Tree Cutting Work At Location No -9 & 10.
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	18/08/2018	10.08	18/08/2018	13.12	PO	ICT 1 painting.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	19/08/2018	16.53		Continued.	T	NDR Operated
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	18/08/2018	15.17	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.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
Pophali - Kdph	IntraState	17/08/2018	01.25	18/08/2018	23.45	T	Distance Protection
Loteaparshuram- Dasturi Line	IntraState	18/08/2018	06.00	18/08/2018	07.40	T	cb.tripped at lote end only BPH.
Kandalgaon - Koyna	IntraState	18/08/2018	06.05	18/08/2018	07.30	T	Distance Protection
Main Bus -II @Kolhapur(Talandage)	IntraState	18/08/2018	08.08		Continued.	PO	bus jump replacement & insulator string replacement.
Chinchwad-Hinjewadi I	IntraState	18/08/2018	10.29	18/08/2018	14.54	PO	Routine Maintenance Work
Eklahare (Gcr) - Ghatghar	IntraState	18/08/2018	10.40	18/08/2018	16.50	PO	diagnostic testing work of ct & cb;
Khaparkhedha-Kalmeshwar	IntraState	18/08/2018	12.01	18/08/2018	13.15	PO	DC supply cable replacement.
Padgha-Temghar-II	IntraState	18/08/2018	15.20		Continued.	PO	in lieu of bus a outage at padgha.
Padgha - Temghar I	IntraState	18/08/2018	15.20		Continued.	HT	in lieu of bus a outage at padgha.
220KV Chalisagaon-Kopergaon	IntraState	18/08/2018	17.37	18/08/2018	19.20	EO	To attend Hot Spot
Kharepatan -Pawas Line	IntraState	18/08/2018	20.58	18/08/2018	21.10	HT	for alignment of bus isolator.
Bus A at Padgha	IntraState	18/08/2018	20:42	19/08/2018	16:45	EO	Dismantling of Hybrid pass Bus sectionaliser for Rectification of SF6 Leakage normalcy restored at 19:21 hrs.

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 18/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 19/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge(400)- Mudshingi 2 Line	IntraState	19/08/2018	09.53	19/08/2018	1705	PO	Insulator Replacement Work
Dondaicha(220)-Amalner(220)	IntraState	19/08/2018	11.32	19/08/2018	12.43	EO	Attending Hot Spot
Dhule-Amalner(220kv)	IntraState	19/08/2018	13.05	19/08/2018	15.29	EO	Attending Hot Spot
Uran - Kharghar I	IntraState	19/08/2018	22.43		Continued.	EO	Attending Hot Spot On Jumper At Location 88 Near Sion-Panvel Highway
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	30/06/2018	15:03		Continued.	T	Buchholz.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	18/08/2018	10.49	18/08/2018	12.19	EO	To attend Hot Spot
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
132 KV LINE Outages/Trippings							
Padegaon - Canpack	IntraState	18/08/2018	15.10	18/08/2018	15.25	T	Backup Protection
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	18/08/2018	18.51	18/08/2018	19.10	T	Distance Protection

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