

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Aug/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	87.681	2718.745	1) Gujrat	-0.603	-54.765
2) Hydro	8.431	189.846	2) Madhya Pradesh	10.462	220.255
3) Gas	3.653	167.061	3) Chattisgarh	4.890	127.540
Total MSPGCL	99.765	3075.652	4) Maharashtra Net	109.162	2747.207
B) 1) APML	67.352	1491.155	5) Goa (Amona)	-0.572	-17.424
2) JSWEL	17.162	419.342	Total	123.339	3022.813
3) VIPL	5.081	135.618	a) Mumbai Schedule	20.984	595.527
4) RPL(AMT)	11.294	547.691	b) Mumbai Drawl	24.528	707.859
5) WPCL	2.671	101.964	c) MSEDCL Bilateral *	22.227	536.524
6) PGPL	0.000	0.000	Include PX	1.082	16.427
7) Other IPP	7.208	123.080	d) Mumbai Bilateral *	20.984	595.527
C) 1) TPCL Thermal	13.587	361.037	Include PX	6.411	190.075
2) TPCL Hydro	6.301	123.657	Include Standby	0.000	0.000
3) TPCL Gas	3.789	98.255	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.880	255.378	1) MSEDCL	335.009	9637.658
D) STATE			2) Mumbai Discoms	58.086	1546.187
1) Thermal	221.916	6154.010	TOTAL STATE	393.095	11183.845
(A1+C1+C4+(B1-B6))					
2) Hydro	14.732	313.503			
(A2+C2)					
3) Gas	7.442	265.316			
(A3+B6+C3)					
4) Wind	22.418	1331.859			
6) SOLAR	3.247	96.343			
TOTAL STATE	269.755	8161.031			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3644	3762	3683	3383
MSPGCL Hydro	672	409	1075	124
MSPGCL Gas	122	120	121	220
MSPGCL Total Generation	4438	4291	4879	3727
Central Sector Receipt	6039	5519	5257	3755
WIND	726	865	1169	954
CPP / IPP Thermal	4733	4623	4680	4314
CPP / IPP Gas	0	0	0	0
SOLAR	311	502	7	0
Exchange with Mumbai	-1051	-1460	-933	-708
MSEDCL DEMAND MET	15196	14340	15059	12042
Load Shedding	0	0	0	0
MSEDCL DEMAND	15196	14340	15059	12042
TPCL GENERATION	1266	1148	1296	608
R-INFRA GENERATION	501	377	490	376
MUMBAI DEMAND	2818	2985	2719	1692
STATE DEMAND MET	18014	17325	17778	13734
STATE DEMAND	18014	17325	17778	13734
Frequency (Hz)	50.00	49.99	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.03 Hrs	49.72 Hz at 19.27 Hrs	49.98	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 27/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.18	0.84	41	0
Unit 7	0.00	3.92	0	0
Unit 8	0.00	177.30	0	0
Unit 9	7.38	216.57	354	228
Unit 10	0.00	0.00	0	0
Total	7.56	398.63		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	10.04	258.08	460	360
Total	10.04	343.34		
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	5.36	123.98	249	180
Unit 8	5.23	140.06	247	188
Total	10.58	264.05		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.34	90.12	168	100
Unit 5	8.27	212.76	400	310
Unit 6	8.60	148.04	395	325
Unit 7	0.00	202.42	0	0
Unit 8	0.00	168.88	0	0
Unit 9	8.82	132.48	405	300
Total	29.03	954.70		
Paras				
Unit 3	5.30	128.34	250	195
Unit 4	4.64	124.98	230	160
Total	9.94	253.31		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	3.50	51.54	152	131
Unit 4	3.76	94.37	169	145
Unit 5	9.30	153.99	445	336
Total	16.56	397.33		
Nasik				
Unit 3	3.96	80.48	186	153
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.96	107.39		
Uran				
All Units	3.65	167.06	424	119
Total	3.65	167.06		
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	1.66	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.66		
Koyna				
Stage 1-2	1.78	46.59	220	40
Stage 4	0.88	18.53	628	0
Stage 3	1.27	30.59	160	0
Total	3.93	95.71		
Hydro				
KDPH	0.84	18.97	36	34
VTRNA	1.00	13.79	60	0
TILLARI	0.61	19.58	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	11.42	80	0
RNGR+BHTSA	0.38	4.66	16	15
BHANDARDRA	0.34	9.21	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	13.29	28	16
GHATGHAR	0.47	3.21	125	0
Total	4.50	94.14		
Wind				
Total	22.42	1331.86	0	0
Total	22.42	1331.86		
CPP				
APML(Mus)	67.35	1491.16	0	0
JSWEL(Mus)	17.16	419.34	0	0
VIPL(Mus)	5.08	135.62	0	0
RPLAMT(Mus)	11.29	547.69	0	0
WPCL(Mus)	2.67	101.96	0	0
Other(Mus)	7.21	123.08	0	0
Total	110.77	2818.85		
SOLAR				
Total	3.25	96.34	0	0
Total	3.25	96.34		
Tata				
Trombay 5	8.42	220.87	475	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	60.79	117	61
Trombay 7B	1.47	37.47	67	50
Trombay 8	5.17	140.17	242	197
TATA Hydro	6.30	123.66	462	2
Total	23.68	582.95		
R-INFRA				
DTPS U-1&2	9.88	255.38	501	374
Total	9.88	255.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	87.68	2718.74	MSPGCL Total	99.76	3075.65
			MSPGCL Thml+Gas	91.33	2885.81	Koyna 1,2 & 4 Total	2.66	65.12
			MSPGCL Hydro	8.43	189.85	State Total	269.76	8161.03

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/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	3377	178	424	3979	1086	4297	0	0	4346	3898	-923	12337	0	12337	1932	14269	49.99
2	3371	149	408	3928	992	4317	0	0	4053	3911	-802	12346	0	12346	1786	14132	49.97
3	3383	124	220	3727	954	4314	0	0	3977	3755	-708	12042	0	12042	1692	13734	49.98
4	3382	124	157	3663	955	4276	0	0	3930	3906	-658	12142	0	12142	1642	13784	50.01
5	3457	124	122	3703	902	4461	0	0	4013	4231	-666	12631	0	12631	1648	14279	50.00
6	3522	140	121	3783	931	4575	0	0	4739	5021	-783	13527	0	13527	1767	15294	49.98
7	3741	185	122	4048	888	4618	0	11	5531	5906	-816	14655	0	14655	1958	16613	49.99
8	3770	180	121	4071	928	4667	0	70	5971	6160	-949	14947	0	14947	2164	17111	50.00
9	3715	453	132	4300	698	4657	0	155	5636	6019	-951	14878	0	14878	2489	17367	50.01
10	3644	672	122	4438	726	4733	0	311	5650	6039	-1051	15196	0	15196	2818	18014	50.00
11	3744	484	121	4349	888	4733	0	514	5820	5730	-1333	14881	0	14881	2998	17879	50.02
12	3725	449	120	4294	914	4640	0	462	5680	5743	-1486	14567	0	14567	3028	17595	49.98
13	3762	409	120	4291	865	4623	0	502	5459	5519	-1460	14340	0	14340	2985	17325	49.99
14	3604	439	130	4173	786	4568	0	472	5328	5433	-1443	13989	0	13989	2866	16855	50.01
15	3705	557	119	4381	755	4611	0	257	5499	5650	-1414	14240	0	14240	2891	17131	49.96
16	3760	333	120	4213	850	4730	0	295	5753	5763	-1466	14385	0	14385	2886	17271	49.96
17	3743	263	120	4126	955	4662	0	137	5809	5909	-1427	14362	0	14362	2837	17199	49.96
18	3739	365	130	4234	1371	4640	0	54	5845	5513	-1366	14446	0	14446	2776	17222	50.00
19	3683	1075	121	4879	1169	4680	0	7	5249	5257	-933	15059	0	15059	2719	17778	49.90
20	3722	697	120	4539	870	4809	0	0	4963	5203	-859	14562	0	14562	2711	17273	49.93
21	3807	386	121	4314	824	4874	0	0	4838	4999	-707	14304	0	14304	2564	16868	49.98
22	3824	283	121	4228	985	4861	0	0	4701	4737	-660	14151	0	14151	2449	16600	49.96
23	3817	181	120	4118	1036	4769	0	0	4804	4631	-667	13887	0	13887	2357	16244	49.98
24	3684	181	121	3986	1090	4647	0	0	4939	4406	-1000	13129	0	13129	2122	15251	50.01
MUs	87.68	8.43	3.65	99.76	22.42	110.77	0.00	3.25	122.53	123.34	-24.53	335.01	0.00	335.01	58.08	393.09	49.98

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 27/Aug/2018

Position as on 6.30 Hrs of 28/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	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
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.	Coal Shortage	
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.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2018	15:00		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 2	210	21/08/2018	00.00		Continued.	Wet coal.	
CPP	SWPGL U-4	135	22/08/2018	00.08	27/08/2018	20.59	Change over relay and electrical fault.	
MSPGCL	Chandrapur Unit-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	23/08/2018	14.49		Continued.	Master Fuel Trip	
IPP	Dhariwal	300	24/08/2018	14.01		Continued.	POOR COAL RECEIPT.	
IPP	RPL(AMT) U-5	270	24/08/2018	18.05		Continued.	MASTER FUEL TRIPPED.	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	25/08/2018	21:27	27/08/2018	18.03	Main Stream Temp.low.	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06		Continued.	Generator protection	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Aug/2018

Position as on 6.30 Hrs of 28/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit 5	108	27/08/2018	03.31		Continued.	Due to A0 Trip.	
MSPGCL	Koradi Unit 6	210	27/08/2018	23.57	28/08/2018	02.42	Generator protection	
MSPGCL	Koradi Unit 6	210	28/08/2018	06.14		Continued.	Main Steam Temp. Low.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 28/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	27/08/2018	23.30	27/08/2018	00.15	EO	physical inspection of sensor.trans ducer.
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 - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad-Jaigad - I	IntraState	18/08/2018	23.32		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/08/2018	18.18		Continued.	HT	Over Voltage
Bus Coupler @ Parly(Girwali)	IntraState	25/08/2018	12.25		Continued.	HT	Bus Bar Protection Out Of Service.
Lonikand I - Koyna stage-IV	IntraState	27/08/2018	02.35	27/08/2018	06.05	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	28/08/2018	02.16		Continued.	T	Tripped on NDR.
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.
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.
Karad -Mudshingi Ckt- IV	IntraState	25/08/2018	13.14		Continued.	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	25/08/2018	21.02		Continued.	T	Distance Protection
Talandage - Sawantwadi I	IntraState	25/08/2018	21.38		Continued.	T	Distance Protection
Virur - Virurlytss1	IntraState	27/08/2018	09.30	27/08/2018	11.00	PO	work at tss end.
Virur - Virur Rly Tss 2	IntraState	27/08/2018	11.20	27/08/2018	12.00	PO	CRM timing of cb.
Lonand-Baramati	IntraState	27/08/2018	12.10	27/08/2018	16.09	T	Distance Protection
Phulambri-Bhokardan	IntraState	27/08/2018	12.40	27/08/2018	14.18	PO	Alignment Of Earth Blade And Nut Bolt Tightening Work.
Halkarni-Olam(Agro)	IntraState	27/08/2018	14.38	27/08/2018	15.45	PO	Distance Relay Testing Work
Butibori - Purti	IntraState	27/08/2018	20.56	27/08/2018	21.18	T	Distance Protection
JATH SHEDYAL	IntraState	27/08/2018	21.13		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
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							
Viraj - Jindal	IntraState	27/08/2018	02.31	27/08/2018	05.46	T	Y-PH Fault.
Ambad-Ghansawangi	IntraState	27/08/2018	19.50	27/08/2018	20.10	T	Distance Protection

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