

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Aug/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.275	2631.002	1) Gujrat	0.331	-54.162
2) Hydro	6.148	181.415	2) Madhya Pradesh	9.436	209.793
3) Gas	9.124	163.408	3) Chattisgarh	3.690	122.650
Total MSPGCL	96.547	2975.825	4) Maharashtra Net	92.779	2638.045
B) 1) APML	62.315	1423.803	5) Goa (Amona)	-0.572	-16.852
2) JSWEL	17.127	402.180	Total	105.664	2899.474
3) VIPL	5.072	130.537	a) Mumbai Schedule	17.233	574.543
4) RPL(AMT)	9.906	536.397	b) Mumbai Drawl	20.949	683.331
5) WPCL	2.519	99.293	c) MSEDCL Bilateral *	22.252	514.298
6) PGPL	0.000	0.000	Include PX	1.006	15.346
7) Other IPP	7.823	115.872	d) Mumbai Bilateral *	17.233	574.543
C) 1) TPCL Thermal	11.842	347.450	Include PX	3.679	183.664
2) TPCL Hydro	2.543	117.356	Include Standby	0.000	0.000
3) TPCL Gas	3.760	94.466	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.014	245.498	1) MSEDCL	329.461	9302.587
D) STATE			2) Mumbai Discoms	48.108	1488.101
1) Thermal	206.893	5932.032	TOTAL STATE	377.569	10790.688
(A1+C1+C4+(B1-B6))					
2) Hydro	8.691	298.771			
(A2+C2)					
3) Gas	12.884	257.874			
(A3+B6+C3)					
4) Wind	39.925	1309.441			
6) SOLAR	3.512	93.096			
TOTAL STATE	271.905	7891.214			

* 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 24 Hrs
MSPGCL Thermal	3465	3286	3443	3410
MSPGCL Hydro	412	253	460	206
MSPGCL Gas	264	403	412	416
MSPGCL Total Generation	4141	3942	4315	4032
Central Sector Receipt	5088	4681	4627	4060
WIND	2038	2133	1374	1035
CPP / IPP Thermal	4591	4214	4223	4262
CPP / IPP Gas	0	0	0	0
SOLAR	397	439	0	0
Exchange with Mumbai	-1049	-1068	-854	-948
MSEDCL DEMAND MET	15206	14341	13685	12441
Load Shedding	0	0	0	0
MSEDCL DEMAND	15206	14341	13685	12441
TPCL GENERATION	733	734	957	719
R-INFRA GENERATION	375	376	376	376
MUMBAI DEMAND	2157	2178	2187	2043
STATE DEMAND MET	17363	16519	15872	14484
STATE DEMAND	17363	16519	15872	14484
Frequency (Hz)	50.06	50.00	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:02 Hrs	49.83 Hz at 22:09 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

Daily and Progressive Generation,Maximum,Minimum for 26/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.60	0	0
Unit 7	0.00	3.92	0	0
Unit 8	0.00	177.30	0	0
Unit 9	5.99	209.19	312	222
Unit 10	0.00	0.00	0	0
Total	5.99	391.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	9.25	248.04	500	330
Total	9.25	333.30		
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	4.94	118.63	248	180
Unit 8	4.90	134.84	242	188
Total	9.85	253.46		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.80	86.78	175	125
Unit 5	7.36	204.48	385	240
Unit 6	7.28	139.44	355	225
Unit 7	0.00	202.42	0	0
Unit 8	0.00	168.88	0	0
Unit 9	8.05	123.66	391	305
Total	26.48	925.67		
Paras				
Unit 3	4.90	123.04	229	182
Unit 4	4.80	120.34	230	172
Total	9.70	243.38		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	3.62	48.04	158	134
Unit 4	3.61	90.61	160	135
Unit 5	8.89	144.70	405	313
Total	16.12	380.76		
Nasik				
Unit 3	3.89	76.52	188	153
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.89	103.43		
Uran				
All Units	9.12	163.41	416	240
Total	9.12	163.41		
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	1.24	44.80	160	40
Stage 4	0.00	17.65	0	0
Stage 3	0.89	29.32	140	0
Total	2.13	91.78		
Hydro				
KDPH	0.86	18.13	36	36
VTRNA	1.00	12.80	60	0
TILLARI	0.54	18.98	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	11.00	80	0
RNGR+BHTSA	0.37	4.28	16	15
BHANDARDRA	0.35	8.87	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	12.84	27	16
GHATGHAR	0.00	2.74	0	0
Total	4.02	89.64		
Wind				
Total	39.92	1309.44	0	0
Total	39.92	1309.44		
CPP				
APML(Mus)	62.32	1423.80	0	0
JSWEL(Mus)	17.13	402.18	0	0
VIPL(Mus)	5.07	130.54	0	0
RPLAMT(Mus)	9.91	536.40	0	0
WPCL(Mus)	2.52	99.29	0	0
Other(Mus)	7.82	115.87	0	0
Total	104.76	2708.08		
SOLAR				
Total	3.51	93.10	0	0
Total	3.51	93.10		
Tata				
Trombay 5	6.99	212.45	317	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	58.46	111	61
Trombay 7B	1.46	36.00	66	49
Trombay 8	4.85	135.00	224	195
TATA Hydro	2.54	117.36	390	0
Total	18.14	559.27		
R-INFRA				
DTPS U-1&2	9.01	245.50	377	374
Total	9.01	245.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.28	2631.00	MSPGCL Total	96.55	2975.82
			MSPGCL Thml+Gas	90.40	2794.41	Koyna 1,2 & 4 Total	1.24	62.46
			MSPGCL Hydro	6.15	181.42	State Total	271.90	7891.21

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 26/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	3465	189	401	4055	1371	4573	0	0	4438	4006	-1007	12998	0	12998	2013	15011	49.96
2	3405	184	411	4000	1569	4584	0	0	4203	3798	-896	13055	0	13055	1873	14928	49.99
3	3212	135	411	3758	1695	4592	0	0	4250	3855	-805	13095	0	13095	1772	14867	50.00
4	3182	124	412	3718	1632	4564	0	0	4233	3944	-740	13118	0	13118	1707	14825	49.97
5	3343	129	402	3874	1469	4576	0	0	4417	4105	-717	13307	0	13307	1684	14991	49.97
6	3493	129	415	4037	1519	4630	0	0	4639	4444	-634	13996	0	13996	1745	15741	49.99
7	3479	141	361	3981	1511	4733	0	25	5358	5334	-639	14945	0	14945	1791	16736	50.02
8	3511	257	240	4008	1535	4708	0	122	5588	5782	-702	15453	0	15453	1881	17334	50.02
9	3532	284	257	4073	1654	4726	0	251	5303	5388	-917	15175	0	15175	2023	17198	50.05
10	3465	412	264	4141	2038	4591	0	397	5116	5088	-1049	15206	0	15206	2157	17363	50.06
11	3255	385	294	3934	2016	4297	0	442	5158	5174	-1117	14746	0	14746	2227	16973	50.05
12	3282	294	356	3932	2210	4298	0	455	5166	4765	-1132	14528	0	14528	2242	16770	50.07
13	3286	253	403	3942	2133	4214	0	439	4610	4681	-1068	14341	0	14341	2178	16519	50.00
14	3308	256	407	3971	2105	4157	0	432	4397	4237	-977	13925	0	13925	2087	16012	50.01
15	3371	256	410	4037	2065	4064	0	399	4366	3846	-951	13460	0	13460	2062	15522	50.06
16	3393	241	409	4043	2107	3963	0	250	3987	3861	-891	13333	0	13333	2002	15335	50.01
17	3396	247	401	4044	2155	3964	0	199	4173	3716	-857	13221	0	13221	1965	15186	50.05
18	3381	242	411	4034	1854	3961	0	89	4001	3895	-851	12982	0	12982	1963	14945	50.01
19	3385	202	412	3999	1664	4095	0	12	4224	4444	-914	13300	0	13300	2041	15341	49.99
20	3443	460	412	4315	1374	4223	0	0	4379	4627	-854	13685	0	13685	2187	15872	49.97
21	3431	402	403	4236	1223	4426	0	0	4333	4075	-703	13257	0	13257	2184	15441	49.97
22	3414	327	413	4154	967	4272	0	0	4331	4283	-690	12986	0	12986	2166	15152	49.99
23	3433	393	403	4229	1024	4289	0	0	4193	4256	-890	12908	0	12908	2115	15023	49.98
24	3410	206	416	4032	1035	4262	0	0	4213	4060	-948	12441	0	12441	2043	14484	50.01
MUs	81.27	6.15	9.12	96.55	39.92	104.76	0.00	3.51	109.08	105.66	-20.95	329.46	0.00	329.46	48.11	377.57	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 26/Aug/2018

Position as on 6.30 Hrs of 27/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		Continued.	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		Continued.	Main Stream Temp.low.	
MSPGCL	Uran Unit 6	108	26/08/2018	06:41	26/08/2018	08:43	Generator T/F Fault.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Aug/2018

Position as on 6.30 Hrs of 27/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	26/08/2018	09:13	26/08/2018	09:38	Generator T/F Fault.	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06		Continued.	Generator protection	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 27/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 - 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 Operated
Padghe - Kalwa-II	IntraState	26/08/2018	09:49	26/08/2018	14:42	PO	Relay Replacement work.
Lonikand I - Koyna stage-IV	IntraState	27/08/2018	02.35		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	26/08/2018	06:46	26/08/2018	09:06	PO	Attending Hot Spot
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
Bhugaon-WardhaPG (Deoli)	IntraState	26/08/2018	08:57	26/08/2018	09:59	PO	R-Phase CT Hot Spot.
Ghatghar - Jindal	IntraState	26/08/2018	18:46	26/08/2018	19:28	T	Tripped on B-Ph E/F.
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							
Kardha-Asgaon	IntraState	26/08/2018	20.24	26/08/2018	20.36	T	Distance Protection
Boisar li - Viraj	IntraState	27/08/2018	02.31	27/08/2018	05.46	T	Due To Flashover On Y PH PT Isolator.

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