

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Aug/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.499	1023.240	1) Gujrat	-2.962	-6.300
2) Hydro	4.255	53.723	2) Madhya Pradesh	10.029	88.132
3) Gas	5.860	52.361	3) Chattisgarh	6.020	46.600
Total MSPGCL	132.614	1129.324	4) Maharashtra Net	100.780	931.044
B) 1) APML	53.040	497.246	5) Goa (Amona)	-0.704	-6.732
2) JSWEL	17.345	169.719	Total	113.163	1052.744
3) VIPL	5.059	49.101	a) Mumbai Schedule	21.421	213.696
4) RPL(AMT)	24.287	239.226	b) Mumbai Drawl	28.359	255.891
5) WPCL	2.081	37.898	c) MSEDCL Bilateral *	18.857	172.044
6) PGPL	0.000	0.000	Include PX	1.893	3.828
7) Other IPP	3.318	32.225	d) Mumbai Bilateral *	21.421	213.696
C) 1) TPCL Thermal	12.692	123.857	Include PX	7.688	74.611
2) TPCL Hydro	5.212	41.677	Include Standby	0.000	0.000
3) TPCL Gas	4.206	29.592	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.140	86.548	1) MSEDCL	374.569	3441.143
D) STATE			2) Mumbai Discoms	59.609	537.566
1) Thermal	249.461	2259.060	TOTAL STATE	434.178	3978.709
(A1+C1+C4+(B1-B6))					
2) Hydro	9.467	95.400			
(A2+C2)					
3) Gas	10.066	81.953			
(A3+B6+C3)					
4) Wind	48.486	453.526			
6) SOLAR	3.535	36.025			
TOTAL STATE	321.015	2925.964			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5299	5220	4827	5004
MSPGCL Hydro	316	216	399	105
MSPGCL Gas	249	249	249	240
MSPGCL Total Generation	5864	5685	5475	5349
Central Sector Receipt	5436	5370	4344	4456
WIND	2165	2407	2212	1408
CPP / IPP Thermal	4426	4382	4218	4412
CPP / IPP Gas	0	0	0	0
SOLAR	414	428	0	0
Exchange with Mumbai	-1594	-1567	-1273	-802
MSEDCL DEMAND MET	16711	16705	14976	14823
Load Shedding	0	0	0	0
MSEDCL DEMAND	16711	16705	14976	14823
TPCL GENERATION	1043	1051	1095	629
R-INFRA GENERATION	378	379	375	376
MUMBAI DEMAND	3015	2997	2743	1807
STATE DEMAND MET	19726	19702	17719	16630
STATE DEMAND	19726	19702	17719	16630
Frequency (Hz)	49.96	49.93	49.85	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 17.57 Hrs	49.82 Hz at 20.47 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 09/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	8.92	80.15	451	310
Unit 9	9.30	82.60	452	349
Unit 10	0.00	0.00	0	0
Total	18.22	166.67		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.96	84.86	410	335
Unit 5	8.92	82.90	460	340
Total	17.87	167.76		
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	4.86	45.80	248	187
Unit 8	5.27	48.41	241	187
Total	10.13	94.21		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.23	22.90	193	165
Unit 5	9.51	87.40	415	365
Unit 6	10.52	74.98	465	360
Unit 7	9.84	91.06	438	360
Unit 8	10.07	66.37	450	360
Unit 9	9.01	12.12	410	328
Total	53.18	354.83		
Paras				
Unit 3	4.59	45.01	216	170
Unit 4	4.76	44.74	215	185
Total	9.35	89.76		
Khaparkheda				
Unit 1	3.14	27.72	155	80
Unit 2	3.22	31.80	160	80
Unit 3	0.00	11.40	0	0
Unit 4	3.50	34.07	170	125
Unit 5	0.00	8.75	0	0
Total	9.86	113.74		
Nasik				
Unit 3	3.89	9.36	178	150
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.89	36.27		
Uran				
All Units	5.86	52.36	250	238
Total	5.86	52.36		
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	1.25	16.50	235	40
Stage 4	0.00	7.04	0	0
Stage 3	0.29	8.14	126	0
Total	1.54	31.67		
Hydro				
KDPH	0.86	3.84	36	36
VTRNA	0.00	0.56	0	0
TILLARI	0.72	6.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	3.62	40	0
RNGR+BHTSA	0.00	0.32	0	0
BHANDARDRA	0.34	3.02	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	4.57	26	14
GHATGHAR	0.00	0.00	0	0
Total	2.71	22.05		
Wind				
Total	48.49	453.53	0	0
Total	48.49	453.53		
CPP				
APML(Mus)	53.04	497.25	0	0
JSWEL(Mus)	17.34	169.72	0	0
VIPL(Mus)	5.06	49.10	0	0
RPLAMT(Mus)	24.29	239.23	0	0
WPCL(Mus)	2.08	37.90	0	0
Other(Mus)	3.32	32.22	0	0
Total	105.13	1025.42		
SOLAR				
Total	3.54	36.02	0	0
Total	3.54	36.02		
Tata				
Trombay 5	7.48	76.42	415	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	18.69	120	62
Trombay 7B	1.57	10.90	69	51
Trombay 8	5.22	47.43	226	213
TATA Hydro	5.21	41.68	399	0
Total	22.11	195.13		
R-INFRA				
DTPS U-1&2	9.14	86.55	430	374
Total	9.14	86.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.50	1023.24	MSPGCL Total	132.61	1129.32
			MSPGCL Thml+Gas	128.36	1075.60	Koyna 1,2 & 4 Total	1.25	23.53
			MSPGCL Hydro	4.26	53.72	State Total	321.02	2925.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 09/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	4939	111	238	5288	1675	4438	0	0	4668	4595	-1080	14916	0	14916	2167	17083	49.92
2	4920	111	249	5280	1833	4427	0	0	4466	4276	-923	14893	0	14893	1993	16886	49.99
3	4897	115	239	5251	1542	4446	0	0	4269	4500	-853	14886	0	14886	1877	16763	49.92
4	5004	105	240	5349	1408	4412	0	0	4219	4456	-802	14823	0	14823	1807	16630	49.95
5	5136	115	250	5501	1534	4688	0	0	4580	4434	-792	15365	0	15365	1797	17162	50.01
6	5185	110	238	5533	1347	4796	0	0	5042	5145	-882	15939	0	15939	1891	17830	49.99
7	5328	105	250	5683	1529	4830	0	18	5973	5716	-851	16925	0	16925	2020	18945	50.00
8	5381	110	249	5740	1696	4746	0	95	6175	6008	-927	17358	0	17358	2210	19568	50.01
9	5417	115	240	5772	1914	4444	0	204	6026	5694	-1316	16712	0	16712	2533	19245	49.99
10	5321	301	239	5861	2038	4449	0	310	5487	5245	-1478	16425	0	16425	2837	19262	49.98
11	5299	316	249	5864	2165	4426	0	414	5223	5436	-1594	16711	0	16711	3015	19726	49.96
12	5271	224	240	5735	2109	4373	0	459	5492	5201	-1577	16300	0	16300	3025	19325	49.93
13	5220	216	249	5685	2407	4382	0	428	5215	5370	-1567	16705	0	16705	2997	19702	49.93
14	5205	221	249	5675	2406	4374	0	449	4997	4840	-1455	16289	0	16289	2865	19154	49.98
15	5203	208	238	5649	2494	4347	0	404	4832	4725	-1469	16150	0	16150	2873	19023	49.96
16	5164	210	239	5613	2455	4358	0	353	4806	4772	-1460	16091	0	16091	2862	18953	49.99
17	5026	204	247	5477	2493	4182	0	266	4784	4530	-1434	15514	0	15514	2839	18353	49.98
18	4836	204	250	5290	2643	4167	0	113	4763	4508	-1393	15328	0	15328	2807	18135	50.01
19	4761	204	239	5204	2341	4182	0	22	4470	4090	-1397	14442	0	14442	2759	17201	50.07
20	4827	399	249	5475	2212	4218	0	0	4196	4344	-1273	14976	0	14976	2743	17719	49.85
21	4970	234	238	5442	2253	4287	0	0	3927	3805	-1129	14658	0	14658	2621	17279	49.91
22	5029	104	250	5383	2075	4159	0	0	3843	3716	-988	14345	0	14345	2471	16816	49.92
23	5103	104	241	5448	2012	4037	0	0	3577	3797	-902	14392	0	14392	2354	16746	49.99
24	5057	109	250	5416	1905	3961	0	0	3595	3960	-817	14425	0	14425	2246	16671	49.99
MUs	122.50	4.25	5.86	132.61	48.49	105.13	0.00	3.54	114.62	113.16	-28.36	374.57	0.00	374.57	59.61	434.18	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 09/Aug/2018

Position as on 6.30 Hrs of 10/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.	
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	04/08/2018	23.03		Continued.	Chemical parameter abnormal.	
MSPGCL	Koyana STG-IV Unit-2	250	07/08/2018	09.00		Continued.	replacement of Valve.	
MSPGCL	Khaparkheda Unit 5	500	07/08/2018	09.33	10/08/2018	04.06	Due To Speed Sensor Supply Failed.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35	09/08/2018	12:00	DIL Interchange (Against Case 4 Bid)	
CPP	SWPGL U-3	135	08/08/2018	15.25		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 3	210	09/08/2018	07:00		Continued.	Poor Coal Receipt	
IPP	JSW (J) U1	300	09/08/2018	21.16		Continued.	CW DUCT LEAKAGE.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 10/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	06/08/2018	08.50	09/08/2018	09.41	PO	Line Maintenance work
Dabhol Nagothane I	InterState	09/08/2018	11.55	09/08/2018	13.05	EO	Attending Hot Spot
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
Akola - Bhusawal	IntraState	09/08/2018	08.54	09/08/2018	16.03	PO	line signature test.
New Koyna - Koyna Stage IV-II	IntraState	09/08/2018	09.46	09/08/2018	20.44	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt II	IntraState	09/08/2018	14.37	10/08/2018	06.31	PO	reactor bushing B PHASE failure work ahead.(RFC.21.04).
Khadka-Aurangabad (Waluj)	IntraState	09/08/2018	18.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	08/08/2018	13.25	09/08/2018	14.48	PO	taken out till 10.08.2018 due to diff relay unhealthy.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	09/08/2018	09.41	09/08/2018	17.32	PO	ISOLATOR OVERHAULING WORK.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	09/08/2018	10.19	09/08/2018	13.11	PO	Attending Oil Leakage
400/220KV 500MVA ICT1@koradi 2	IntraState	09/08/2018	10.54	09/08/2018	19.30	PO	Tan Delta Measurment of CTs
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	09/08/2018	15.03	09/08/2018	18.59	PO	diff.relay 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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	T	To control line loading for availing outage on PG ckt 3.
Pophli Pedhmbe Line- 1	IntraState	05/08/2018	05.17	09/08/2018	18.30	T	Distance Protection
Hingoli- Girawali	IntraState	09/08/2018	01.48	09/08/2018	02.09	T	Distance Protection
Kalwa - Taloja	IntraState	09/08/2018	08.08	09/08/2018	14.52	EO	To attend Hot Spot
Phursungi-Parvati	IntraState	09/08/2018	09.21	09/08/2018	12.00	EO	insulator string replacement work at location 78.
Wardha - Wardha Rly Tss 2	IntraState	09/08/2018	10.27	09/08/2018	16.45	PO	Tan Delta Measurment of CTs
Kharepatan -Pawas Line	IntraState	09/08/2018	10.50	09/08/2018	14.37	PO	bus section 1&2 isolator work.
Niwali - Pawas Line	IntraState	09/08/2018	10.50	09/08/2018	14.37	PO	bus section 1&2 isolator work.
Bableshwar- Alephata ckt I	IntraState	09/08/2018	12.18	09/08/2018	14.20	EO	Y- PH CT RED HOT.
Padghe - Jambhul 1	IntraState	09/08/2018	14.36	09/08/2018	16.13	PO	tree cutting loc- 65.66.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Bhel Ict 1	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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 10/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Padegaon							
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	09/08/2018	09.10	09/08/2018	15.38	PO	replacement of Y -PH HV side ct due to oil leakage.
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Tamsa	IntraState	09/08/2018	18.18	09/08/2018	20.40	T	Distance Protection
Kalmeshwar-Katol	IntraState	09/08/2018	21.09	09/08/2018	21.53	T	Distance Protection