

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Sep/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.650	2369.799	1) Gujrat	-1.853	16.046
2) Hydro	7.181	278.235	2) Madhya Pradesh	14.471	333.322
3) Gas	7.174	96.018	3) Chattisgarh	4.830	111.210
Total MSPGCL	124.005	2744.052	4) Maharashtra Net	119.485	2748.057
B) 1) APML	59.106	1203.136	5) Goa (Amona)	-0.264	-6.798
2) JSWEL	26.261	458.940	Total	136.669	3201.837
3) VIPL	12.953	316.021	a) Mumbai Schedule	21.372	485.309
4) RPL(AMT)	12.046	621.150	b) Mumbai Drawl	29.532	510.940
5) WPCL	4.958	85.248	c) MSEDCL Bilateral *	60.374	1117.855
6) PGPL	0.000	0.000	Include PX	23.310	556.470
7) Other IPP	7.826	152.679	d) Mumbai Bilateral *	21.372	485.309
C) 1) TPCL Thermal	14.636	341.722	Include PX	2.210	31.446
2) TPCL Hydro	2.008	94.999	Include Standby	0.000	0.000
3) TPCL Gas	4.366	95.646	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.150	243.314	1) MSEDCL	386.313	8847.730
D) STATE			2) Mumbai Discoms	60.694	1286.617
1) Thermal	257.586	5792.009	TOTAL STATE	447.007	10134.347
(A1+C1+C4+(B1-B6))					
2) Hydro	9.189	373.234			
(A2+C2)					
3) Gas	11.540	191.664			
(A3+B6+C3)					
4) Wind	28.774	469.209			
6) SOLAR	3.247	106.398			
TOTAL STATE	310.336	6932.514			

* 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	4532	4391	4673	4578
MSPGCL Hydro	153	205	1237	97
MSPGCL Gas	301	300	304	293
MSPGCL Total Generation	4986	4896	6214	4968
Central Sector Receipt	7340	6885	4794	3759
WIND	1306	1078	937	1236
CPP / IPP Thermal	5213	5232	5404	4846
CPP / IPP Gas	0	0	0	0
SOLAR	375	488	0	0
Exchange with Mumbai	-1705	-1603	-1168	-892
MSEDCL DEMAND MET	17515	16976	16181	13917
Load Shedding	14	14	0	0
MSEDCL DEMAND	17529	16990	16181	13917
TPCL GENERATION	822	996	1197	689
R-INFRA GENERATION	377	378	498	376
MUMBAI DEMAND	2904	2977	2863	1957
STATE DEMAND MET	20419	19953	19044	15874
STATE DEMAND	20433	19967	19044	15874
Frequency (Hz)	50.01	50.02	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.04 Hz at 09.00 Hrs	49.86 Hz at 19.00 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 22/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.15	0	0
Unit 7	0.00	0.00	0	0
Unit 8	6.18	156.18	297	203
Unit 9	0.00	38.80	0	0
Unit 10	6.48	124.88	310	230
Total	12.66	320.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.06	66.74	390	300
Unit 5	7.94	210.46	390	295
Total	16.00	277.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	14.31	0	0
Unit 7	5.62	115.64	256	183
Unit 8	4.57	109.54	197	171
Total	10.19	239.50		
Chandrapur				
Unit 3	3.58	85.31	162	124
Unit 4	3.57	86.13	161	133
Unit 5	8.48	137.41	370	340
Unit 6	0.00	114.65	0	0
Unit 7	8.68	115.16	372	341
Unit 8	8.65	151.06	372	310
Unit 9	8.10	191.82	363	293
Total	41.05	881.53		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.22	105.02	220	212
Total	5.22	164.49		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	3.72	82.21	162	150
Unit 4	3.44	45.73	148	130
Unit 5	9.69	193.80	440	388
Total	16.85	349.11		
Nasik				
Unit 3	3.83	89.75	164	153
Unit 4	3.85	42.09	165	155
Unit 5	0.00	6.13	0	0
Total	7.68	137.97		
Uran				
All Units	7.17	96.02	307	290
Total	7.17	96.02		
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)	0.05	2.10	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.10		
Koyna				
Stage 1-2	2.40	75.47	460	40
Stage 4	2.00	110.57	846	0
Stage 3	1.05	42.83	240	0
Total	5.45	228.88		
Hydro				
KDPH	0.89	12.51	37	37
VTRNA	0.18	5.30	60	0
TILLARI	0.00	5.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	7.09	63	0
RNGR+BHTSA	0.25	5.71	15	0
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	7.66	16	4
GHATGHAR	0.00	2.53	0	0
Total	1.73	49.36		
Wind				
Total	28.77	469.21	0	0
Total	28.77	469.21		
CPP				
APML(Mus)	59.11	1203.14	0	0
JSWEL(Mus)	26.26	458.94	0	0
VIPL(Mus)	12.95	316.02	0	0
RPLAMT(Mus)	12.05	621.15	0	0
WPCL(Mus)	4.96	85.25	0	0
Other(Mus)	7.83	152.68	0	0
Total	123.15	2837.17		
SOLAR				
Total	3.25	106.40	0	0
Total	3.25	106.40		
Tata				
Trombay 5	9.48	225.01	478	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	60.41	117	112
Trombay 7B	1.61	35.23	68	66
Trombay 8	5.16	116.71	239	199
TATA Hydro	2.01	95.00	300	0
Total	21.01	532.37		
R-INFRA				
DTPS U-1&2	10.15	243.31	500	375
Total	10.15	243.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.65	2369.80	MSPGCL Total	124.00	2744.05
			MSPGCL Thml+Gas	116.82	2465.82	Koyna 1,2 & 4 Total	4.40	186.04
			MSPGCL Hydro	7.18	278.24	State Total	310.34	6932.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Sep/2018

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	4681	102	303	5086	1511	5021	0	0	4976	4301	-1265	14654	0	14654	2355	17009	50.00
2	4644	97	293	5034	1457	4941	0	0	4838	4015	-1083	14364	0	14364	2157	16521	49.99
3	4590	97	304	4991	1443	4840	0	0	4581	3930	-969	14235	0	14235	2036	16271	49.99
4	4578	97	293	4968	1236	4846	0	0	4468	3759	-892	13917	0	13917	1957	15874	50.00
5	4580	97	304	4981	1474	4822	0	0	4660	4121	-881	14517	0	14517	1947	16464	49.98
6	4638	107	302	5047	1397	4915	0	0	5482	5778	-943	16194	0	16194	2014	18208	49.99
7	4696	107	293	5096	1529	4960	0	4	6305	7125	-992	17722	0	17722	2072	19794	49.98
8	4643	102	304	5049	1568	4947	0	63	6468	7390	-1055	17962	0	17962	2154	20116	49.99
9	4565	97	302	4964	1478	4989	0	162	6350	7321	-1272	17642	0	17642	2377	20019	50.04
10	4591	128	294	5013	1536	5099	0	306	6183	7144	-1521	17577	0	17577	2667	20244	50.01
11	4532	153	301	4986	1306	5213	0	375	6454	7340	-1705	17515	14	17529	2904	20433	50.01
12	4516	173	291	4980	1168	5215	0	419	6621	7250	-1715	17317	14	17331	2997	20328	49.94
13	4391	205	300	4896	1078	5232	0	488	6641	6885	-1603	16976	14	16990	2977	19967	50.02
14	4402	168	300	4870	960	5211	0	426	6634	6925	-1492	16900	14	16914	2842	19756	50.03
15	4445	157	290	4892	1067	5205	0	402	6671	6785	-1431	16920	14	16934	2848	19782	49.96
16	4413	101	300	4814	1273	5169	0	348	6634	6618	-1338	16884	14	16898	2823	19721	49.97
17	4511	156	292	4959	1512	5181	0	194	6052	6207	-1334	16719	14	16733	2796	19529	49.98
18	4566	559	300	5425	1155	5275	0	57	5211	5272	-1254	15930	14	15944	2756	18700	49.91
19	4564	1219	292	6075	1078	5402	0	3	4782	4551	-1181	15928	14	15942	2821	18763	49.86
20	4673	1237	304	6214	937	5404	0	0	4933	4794	-1168	16181	0	16181	2863	19044	49.99
21	4685	602	303	5590	803	5360	0	0	4826	4599	-1165	15187	0	15187	2755	17942	49.98
22	4526	681	297	5504	695	5400	0	0	4838	4594	-1101	15092	0	15092	2613	17705	50.00
23	4617	356	305	5278	599	5379	0	0	5030	4809	-1113	14952	0	14952	2512	17464	50.01
24	4603	383	307	5293	514	5121	0	0	5229	5157	-1059	15026	0	15026	2449	17475	50.00
MUs	109.65	7.18	7.17	124.00	28.77	123.15	0.00	3.25	134.87	136.67	-29.53	386.31	0.13	386.44	60.69	447.13	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 22/Sep/2018

Position as on 6.30 Hrs of 23/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-3	660	03/09/2018	05.02		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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12	22/09/2018	08:10	Stator Earth Fault	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn dut to B0 & U-7	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Poor Coal Receipt	
MSPGCL	Khaparkheda Unit 2	210	10/09/2018	02.35		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
MSPGCL	Parli Unit 6	250	12/09/2018	06.57		Continued.	Poor Coal receipt	
MSPGCL	Chandrapur Unit 6	500	14/09/2018	23.58		Continued.	clinker removed.	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Generator protection	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	22/09/2018	22.54		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 23/Sep/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	21/09/2018	22.10	22/09/2018	00.29	T	high angle supervision tripped.
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	21/09/2018	17.45		Continued.	HT	Over Voltage
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)
Bhusawal-Aurangabad	IntraState	21/09/2018	18.33	23/09/2018	10.41	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/09/2018	18.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/09/2018	16.13		Continued.	PO	ICT Swapping
400/220KV 500MVA ICT 2@koradi 2	IntraState	18/09/2018	09.47		Continued.	HT	Emergency Hand Tripped due to R Phase Buchholz alarm Indication on ICT
400/220kv 315MVA ICT-I@Parly	IntraState	21/09/2018	18.47	22/09/2018	02.07	PO	Relay Software Update, Memory card replacement
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.
Badnera - Deoli (PG)	InterState	23/09/2018	15.14	23/09/2018	21.10	T	Bus Bar Prot.Operated Main Bus II
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Eklahare (Gcr) - Ghatghar	IntraState	22/09/2018	06.15	22/09/2018	07.17	T	Distance & Backup Protection,y-ph to neutral.
Mahindra Vehicle-Bridgestone	IntraState	22/09/2018	08.12	22/09/2018	16.58	PO	STRING WORK(CONTINUOUS).
Lonand-Baramati	IntraState	22/09/2018	10.35	22/09/2018	15.40	PO	Y-PHASE LA REPLACEMENT WORK.
Kalwa - Colourchem	IntraState	22/09/2018	15.35	22/09/2018	16.52	EO	TO WORK ON OWN C.B. POLE REPLACEMENT WORK AT KALWA END.
Bombay Dyeing - Sahara	IntraState	22/09/2018	22.46	23/09/2018	17.25	T	Distance protection Zone 1 R Phase
Badnera Tss-li	IntraState	23/09/2018	15.14		Continued.	T	Bus Bar Prot.Operated,R Phase Jack Bus Insulator String Burst
Badnera-Akola li	IntraState	23/09/2018	15.14	23/09/2018	17.08	T	Bus Bar Prot.Operated Main Bus II
Badnera - Amravati	IntraState	23/09/2018	15.14	23/09/2018	21.03	T	Bus Bar Prot.Operated Main Bus II
Mahad - Pedambe	IntraState	23/09/2018	18.43	23/09/2018	19.05	T	Distance protection at Pedambe end only.Zone 1 Y Phase
132 KV LINE Outages/Trippings							
Jalna (220)-Ambad	IntraState	23/09/2018	02.59	23/09/2018	03.11	T	Distance Protection Zone 1 R-E
Amalner(220kv)-Chopda	IntraState	23/09/2018	04.56	23/09/2018	05.23	T	Distance Protection Zone 2 R-E
Sawangi - Cosmofilms	IntraState	23/09/2018	21.14		Continued.	T	Distance Protection Zone 1 Y-E

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