

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Sep/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.981	2478.780	1) Gujrat	-0.126	15.920
2) Hydro	19.864	298.099	2) Madhya Pradesh	19.856	353.178
3) Gas	7.218	103.236	3) Chattisgarh	4.900	116.110
Total MSPGCL	136.063	2880.115	4) Maharashtra Net	103.180	2851.237
B) 1) APML	58.831	1261.967	5) Goa (Amona)	-0.220	-7.018
2) JSWEL	28.365	487.305	Total	127.590	3329.427
3) VIPL	14.867	330.888	a) Mumbai Schedule	21.762	507.071
4) RPL(AMT)	6.533	627.683	b) Mumbai Drawl	19.592	530.532
5) WPCL	5.087	90.335	c) MSEDCL Bilateral *	48.490	1166.345
6) PGPL	0.000	0.000	Include PX	12.726	569.196
7) Other IPP	7.566	160.245	d) Mumbai Bilateral *	21.762	507.071
C) 1) TPCL Thermal	16.659	358.381	Include PX	1.162	32.608
2) TPCL Hydro	0.226	95.225	Include Standby	0.000	0.000
3) TPCL Gas	4.374	100.020	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.993	255.307	1) MSEDCL	383.221	9230.951
D) STATE			2) Mumbai Discoms	52.844	1339.461
1) Thermal	258.882	6050.891	TOTAL STATE	436.065	10570.412
(A1+C1+C4+(B1-B6))					
2) Hydro	20.090	393.324			
(A2+C2)					
3) Gas	11.592	203.256			
(A3+B6+C3)					
4) Wind	12.387	481.596			
6) SOLAR	5.524	111.922			
TOTAL STATE	308.475	7240.989			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4541	4489	4675	4576
MSPGCL Hydro	530	404	1589	163
MSPGCL Gas	290	300	303	308
MSPGCL Total Generation	5361	5193	6567	5047
Central Sector Receipt	7041	6920	4195	4668
WIND	309	488	408	736
CPP / IPP Thermal	5041	5051	5089	5065
CPP / IPP Gas	0	0	0	0
SOLAR	778	750	0	0
Exchange with Mumbai	-988	-964	-844	-601
MSEDCL DEMAND MET	17542	17438	15415	14915
Load Shedding	5	5	0	0
MSEDCL DEMAND	17547	17443	15415	14915
TPCL GENERATION	879	878	993	869
R-INFRA GENERATION	501	501	495	499
MUMBAI DEMAND	2368	2343	2332	1969
STATE DEMAND MET	19910	19781	17747	16884
STATE DEMAND	19915	19786	17747	16884
Frequency (Hz)	50.02	50.01	50.03	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.01 Hrs	49.8 Hz at 18.25 Hrs	49.99	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 23/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	6.81	162.99	301	255
Unit 9	0.00	38.80	0	0
Unit 10	6.79	131.68	313	225
Total	13.61	333.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.75	74.50	365	305
Unit 5	7.69	218.15	360	300
Total	15.44	292.64		
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	5.42	121.06	251	191
Unit 8	4.01	113.55	173	163
Total	9.43	248.92		
Chandrapur				
Unit 3	3.70	89.01	171	145
Unit 4	3.96	90.08	170	140
Unit 5	8.59	146.00	370	345
Unit 6	0.00	114.65	0	0
Unit 7	8.66	123.82	368	342
Unit 8	8.70	159.76	415	350
Unit 9	8.52	200.34	395	332
Total	42.12	923.65		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	4.54	109.56	217	176
Total	4.54	169.03		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	3.28	85.50	146	128
Unit 4	3.63	49.36	176	120
Unit 5	9.37	203.17	400	370
Total	16.29	365.40		
Nasik				
Unit 3	3.78	93.53	170	152
Unit 4	3.78	45.86	166	147
Unit 5	0.00	6.13	0	0
Total	7.55	145.52		
Uran				
All Units	7.22	103.24	309	289
Total	7.22	103.24		
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)	0.13	2.23	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.23		
Koyna				
Stage 1-2	6.18	81.66	530	40
Stage 4	8.59	119.16	750	0
Stage 3	3.15	45.99	240	0
Total	17.93	246.81		
Hydro				
KDPH	0.89	13.40	37	37
VTRNA	0.00	5.30	0	0
TILLARI	0.00	5.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	7.25	70	0
RNGR+BHTSA	0.25	5.97	14	0
BHANDARDRA	0.21	2.78	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.19	7.85	17	5
GHATGHAR	0.24	2.77	125	0
Total	1.93	51.29		
Wind				
Total	12.39	481.60	0	0
Total	12.39	481.60		
CPP				
APML(Mus)	58.83	1261.97	0	0
JSWEL(Mus)	28.36	487.30	0	0
VIPL(Mus)	14.87	330.89	0	0
RPLAMT(Mus)	6.53	627.68	0	0
WPCL(Mus)	5.09	90.34	0	0
Other(Mus)	7.57	160.24	0	0
Total	121.25	2958.42		
SOLAR				
Total	5.52	111.92	0	0
Total	5.52	111.92		
Tata				
Trombay 5	11.34	236.35	477	463
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	63.18	117	114
Trombay 7B	1.61	36.84	68	66
Trombay 8	5.32	122.03	235	214
TATA Hydro	0.23	95.22	109	0
Total	21.26	553.63		
R-INFRA				
DTPS U-1&2	11.99	255.31	502	495
Total	11.99	255.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.98	2478.78	MSPGCL Total	136.06	2880.12
			MSPGCL Thml+Gas	116.20	2582.02	Koyna 1,2 & 4 Total	14.78	200.82
			MSPGCL Hydro	19.86	298.10	State Total	308.48	7240.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4618	943	307	5868	744	5072	0	0	4502	4568	-965	15287	0	15287	2331	17618	49.96
2	4602	624	297	5523	893	5059	0	0	4530	4472	-802	15145	0	15145	2175	17320	49.97
3	4608	264	308	5180	881	5040	0	0	4492	4525	-686	14940	0	14940	2058	16998	49.96
4	4576	163	308	5047	736	5065	0	0	4449	4668	-601	14915	0	14915	1969	16884	49.94
5	4527	333	308	5168	690	5074	0	0	4629	4694	-567	15059	0	15059	1937	16996	49.92
6	4518	860	299	5677	473	5071	0	0	4847	5273	-607	15887	0	15887	1979	17866	50.01
7	4548	1288	309	6145	321	5054	0	8	5558	6098	-621	17005	0	17005	1988	18993	50.03
8	4575	1418	309	6302	324	5042	0	140	5874	6123	-639	17292	0	17292	2012	19304	50.00
9	4544	796	305	5645	227	5072	0	371	6138	6164	-732	16747	0	16747	2106	18853	49.99
10	4552	769	295	5616	154	5067	0	566	6323	6233	-852	16784	7	16791	2230	19021	50.02
11	4533	791	300	5624	292	5042	0	684	6366	6447	-954	17135	7	17142	2331	19473	50.03
12	4541	530	290	5361	309	5041	0	778	7094	7041	-988	17542	5	17547	2368	19915	50.02
13	4489	404	300	5193	488	5051	0	750	6991	6920	-964	17438	5	17443	2343	19786	50.01
14	4525	316	297	5138	573	5023	0	684	6545	6532	-901	17049	0	17049	2282	19331	49.98
15	4503	598	289	5390	661	5034	0	614	6170	6177	-890	16986	0	16986	2269	19255	49.98
16	4449	974	298	5721	644	4997	0	479	6066	5787	-843	16785	0	16785	2225	19010	50.01
17	4425	1403	290	6118	520	4998	0	304	5633	5094	-793	16241	0	16241	2171	18412	50.03
18	4415	1364	301	6080	544	5031	0	123	4888	4368	-768	15378	0	15378	2144	17522	49.98
19	4540	1405	293	6238	470	5060	0	23	4506	4034	-823	15002	0	15002	2220	17222	49.91
20	4675	1589	303	6567	408	5089	0	0	4376	4195	-844	15415	0	15415	2332	17747	50.03
21	4605	959	304	5868	448	5091	0	0	4446	4188	-830	14765	0	14765	2282	17047	50.02
22	4504	789	295	5588	570	5071	0	0	4603	4419	-930	14718	0	14718	2317	17035	49.99
23	4536	599	306	5441	557	5053	0	0	5032	4701	-989	14763	0	14763	2379	17142	49.97
24	4573	685	307	5565	460	5053	0	0	4814	4869	-1003	14944	0	14944	2396	17340	50.02
MUs	108.98	19.86	7.22	136.06	12.39	121.25	0.00	5.52	128.87	127.59	-19.59	383.22	0.02	383.25	52.84	436.09	49.99

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 23/Sep/2018

Position as on 6.30 Hrs of 24/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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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.	Poor Coal Receipt	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Inspection of Boiler Tubes by R & M Team.	
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	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 6	500	20/09/2018	16:00		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	
MSPGCL	Koyna Unit 11	80	24/09/2018	16.13	24/09/2018	23.30	TRANSFORMER STATION TO GENERATION STATION LINE TRIPPED.	
MSPGCL	Koyna Unit 12	80	24/09/2018	16.13		Continued.	Bursting of Coupling Capacitor.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 24/Sep/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	21/09/2018	17.45	24/09/2018	11.32	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	24/09/2018	11.30	24/09/2018	17.12	PO	Routine Maintenance Work
Parli(MS)-Parli (PG) I	InterState	24/09/2018	18.48		Continued.	HT	For Controlling Over Drawal
Dhule Sar'Sarovar II	InterState	24/09/2018	19.54		Continued.	HT	Over Voltage
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshtar - I	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	24/09/2018	08.56	HT	Over Voltage
Deepnagar Taptitanda	IntraState	24/09/2018	07.09	24/09/2018	19.01	PO	Routine Maintenance Work
N.Koyna-Karad -Ckt II	IntraState	24/09/2018	09.04	24/09/2018	19.21	PO	Routine Maintenance Work
400 KV ICT Outages/Trippings							
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
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
Badnera - Deoli (PG)	InterState	24/09/2018	16.30		Continued.	HT	Load Management By WRLDC.
Solapur (Pg) South Solapur I	InterState	24/09/2018	17.23		Continued.	HT	Load Management By WRLDC.
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	19/08/2018	18.25		Continued.	HT	Taken In Service To Control Load Of Temghar Ckt At Kalwa 1 S/5 In Lieu Of 220kv Bus Outage At Padgha.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Bombay Dyeing - Sahara	IntraState	22/09/2018	22.46	23/09/2018	17.25	T	Distance protection Zone 1 R Phase
Badnera-Akola li	IntraState	23/09/2018	15.14	23/09/2018	17.08	T	Bus Bar Prot.Operated Main Bus II
Badnera Tss-li	IntraState	23/09/2018	15.14	24/09/2018	10.01	T	Bus Bar Prot.Operated,R Phase Jack Bus Insulator String Burst
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
Mahindra Vehicle-Bridgestone	IntraState	24/09/2018	08.13	24/09/2018	17.45	PO	Stringing Work-Continuous.
Pandharpur - Malinagar	IntraState	24/09/2018	09.01	24/09/2018	10.18	EO	Replace Faulty String Insulator At LOC No-7.
Main Bus @ Lote	IntraState	24/09/2018	09.10	24/09/2018	17.32	PO	Routine Maintenance Work
Main Bus Section @ Ichalkaranji II	IntraState	24/09/2018	09.58	24/09/2018	15.45	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	24/09/2018	10.55		Continued.	PO	Replacement Of Tower at LOC No. 97 of D/C Tower.

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 23/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 24/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Balapur-Akola I	IntraState	24/09/2018	11.07	24/09/2018	16.33	PO	Routine Maintenance Work
Kandalgaon - Koyna	IntraState	24/09/2018	11.40		Continued.	T	Distance Protection, Zone 1, 14.12km From Pophli.
Theur-Phursungi	IntraState	24/09/2018	11.42	24/09/2018	12.42	EO	Attending Hot Spot
Mahad - Pedambe	IntraState	24/09/2018	12.08	24/09/2018	12.40	T	Distance Protection
Mahad-Kandalgaon	IntraState	24/09/2018	12.12		Continued.	T	Over Current Protection
Niwali - Pawas Line	IntraState	24/09/2018	14.55	24/09/2018	15.27	T	Distance Protection
Adlabs - Pedambe	IntraState	24/09/2018	16.13	24/09/2018	17.00	T	Bus Operated Due To Unit 11 Pole Discrepancy Problem.
Pedambe-Nerle	IntraState	24/09/2018	16.13	24/09/2018	17.08	T	Distance Protection
Pophali - Pedambe II	IntraState	24/09/2018	16.13	24/09/2018	16.55	T	Bus Operated Due To Unit 11 Pole Discrepancy Problem.
Main bus section-II @ Pedambe	IntraState	24/09/2018	16.13	24/09/2018	16.30	T	Bus Operated Due To Unit 11 Pole Discrepancy Problem.
Pophali - Nerale	IntraState	24/09/2018	16.15		Continued.	T	Distance Protection, Zone-1, 3.934KM From Pophali.
Nanded - Parli Ext. Ckt II	IntraState	24/09/2018	20.34	24/09/2018	23.03	PO	Attend Sparking on Isolator.
220 KV ICT Outages/Trippings							
220/33kv 125 Mva Transformer 4 @Ghodbunder R/S	IntraState	24/09/2018	09.26		Continued.	PO	Isolator Earth Switch Shifting Work Of TF.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	24/09/2018	11.25	24/09/2018	18.24	PO	Routine Maintenance Work
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	24/09/2018	03.02	T	Distance Protection Zone 1 Y-E
Jalna (220)-Ambad	IntraState	24/09/2018	03.11	24/09/2018	03.25	T	Distance Protection
Gadchiroli - Vayunandana	IntraState	24/09/2018	05.25	24/09/2018	05.40	T	Backup Protection Operated O/C & E/F.
Kalmeshwar-Saoner 1	IntraState	24/09/2018	06.02	24/09/2018	06.23	T	Distance Protection

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