

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Sep/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.678	2260.149	1) Gujrat	-3.199	17.899
2) Hydro	5.272	271.054	2) Madhya Pradesh	13.250	318.851
3) Gas	7.160	88.844	3) Chattisgarh	5.810	106.380
Total MSPGCL	129.110	2620.047	4) Maharashtra Net	130.138	2628.572
B) 1) APML	59.164	1144.030	5) Goa (Amona)	-0.176	-6.534
2) JSWEL	27.465	432.679	Total	145.823	3065.168
3) VIPL	14.787	303.068	a) Mumbai Schedule	21.717	463.937
4) RPL(AMT)	19.376	609.104	b) Mumbai Drawl	25.676	481.408
5) WPCL	5.457	80.290	c) MSEDCL Bilateral *	67.521	1057.480
6) PGPL	0.000	0.000	Include PX	30.596	533.160
7) Other IPP	8.501	144.853	d) Mumbai Bilateral *	21.717	463.937
C) 1) TPCL Thermal	16.712	327.086	Include PX	0.602	29.236
2) TPCL Hydro	4.447	92.991	Include Standby	0.000	0.000
3) TPCL Gas	4.375	91.280	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.665	233.164	1) MSEDCL	406.190	8461.417
D) STATE			2) Mumbai Discoms	62.875	1225.923
1) Thermal	279.805	5534.423	TOTAL STATE	469.065	9687.340
(A1+C1+C4+(B1-B6))					
2) Hydro	9.719	364.045			
(A2+C2)					
3) Gas	11.535	180.124			
(A3+B6+C3)					
4) Wind	18.299	440.435			
6) SOLAR	3.884	103.151			
TOTAL STATE	323.242	6622.178			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4909	4918	4806	4653
MSPGCL Hydro	568	228	341	101
MSPGCL Gas	297	285	300	303
MSPGCL Total Generation	5774	5431	5447	5057
Central Sector Receipt	8193	7645	5288	4602
WIND	380	398	1202	1376
CPP / IPP Thermal	5661	5674	5572	5431
CPP / IPP Gas	0	0	0	0
SOLAR	579	553	1	0
Exchange with Mumbai	-1446	-1389	-1207	-1284
MSEDCL DEMAND MET	19141	18312	16303	15182
Load Shedding	0	0	0	0
MSEDCL DEMAND	19141	18312	16303	15182
TPCL GENERATION	1261	1280	1244	823
R-INFRA GENERATION	501	501	497	377
MUMBAI DEMAND	3208	3170	2948	2484
STATE DEMAND MET	22349	21482	19251	17666
STATE DEMAND	22349	21482	19251	17666
Frequency (Hz)	50.01	50.01	49.94	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.04 Hz at 14.00 Hrs	49.94 Hz at 19.00 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 21/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	6.08	150.00	282	220
Unit 9	0.00	38.80	0	0
Unit 10	7.01	118.40	345	260
Total	13.09	307.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.50	58.68	370	345
Unit 5	8.42	202.52	360	345
Total	16.92	261.20		
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	5.98	110.03	259	234
Unit 8	5.17	104.96	229	191
Total	11.15	229.31		
Chandrapur				
Unit 3	3.39	81.72	175	104
Unit 4	3.39	82.56	178	113
Unit 5	9.73	128.93	425	360
Unit 6	0.00	114.65	0	0
Unit 7	9.38	106.48	438	301
Unit 8	9.84	142.41	435	362
Unit 9	9.24	183.71	417	347
Total	44.96	840.48		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.22	99.80	226	205
Total	5.22	159.27		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	4.05	78.49	200	148
Unit 4	3.77	42.28	175	140
Unit 5	9.71	184.12	450	370
Total	17.54	332.26		
Nasik				
Unit 3	3.77	85.92	172	149
Unit 4	4.04	38.24	191	152
Unit 5	0.00	6.13	0	0
Total	7.81	130.29		
Uran				
All Units	7.16	88.84	309	285
Total	7.16	88.84		
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	2.05	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	2.05		
Koyna				
Stage 1-2	2.94	73.08	400	40
Stage 4	0.05	108.57	46	0
Stage 3	0.68	41.78	80	0
Total	3.67	223.42		
Hydro				
KDPH	0.86	11.63	36	36
VTRNA	0.00	5.12	0	0
TILLARI	0.00	5.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	6.85	80	0
RNGR+BHTSA	0.27	5.46	12	11
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	7.49	16	4
GHATGHAR	0.00	2.53	0	0
Total	1.60	47.63		
Wind				
Total	18.30	440.44	0	0
Total	18.30	440.44		
CPP				
APML(Mus)	59.16	1144.03	0	0
JSWEL(Mus)	27.46	432.68	0	0
VIPL(Mus)	14.79	303.07	0	0
RPLAMT(Mus)	19.38	609.10	0	0
WPCL(Mus)	5.46	80.29	0	0
Other(Mus)	8.50	144.85	0	0
Total	134.75	2714.02		
SOLAR				
Total	3.88	103.15	0	0
Total	3.88	103.15		
Tata				
Trombay 5	11.11	215.54	480	364
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	57.66	116	112
Trombay 7B	1.61	33.62	68	66
Trombay 8	5.60	111.55	240	221
TATA Hydro	4.45	92.99	394	0
Total	25.53	511.36		
R-INFRA				
DTPS U-1&2	11.66	233.16	501	374
Total	11.66	233.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.68	2260.15	MSPGCL Total	129.11	2620.05
			MSPGCL Thml+Gas	123.84	2348.99	Koyna 1,2 & 4 Total	2.99	181.65
			MSPGCL Hydro	5.27	271.05	State Total	323.24	6622.18

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/Sep/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	5010	453	309	5772	573	5648	0	0	5477	5475	-961	16507	0	16507	2237	18744	49.97
2	5029	103	299	5431	649	5619	0	0	5284	5462	-736	16425	0	16425	2065	18490	49.98
3	4986	98	307	5391	697	5623	0	0	5046	5156	-564	16303	0	16303	1953	18256	49.97
4	4986	118	308	5412	615	5619	0	0	5027	5156	-504	16298	0	16298	1884	18182	49.96
5	4962	224	299	5485	769	5591	0	0	5237	5450	-495	16800	0	16800	1880	18680	49.99
6	4969	93	308	5370	793	5611	0	0	5990	6434	-579	17629	0	17629	1974	19603	50.00
7	4984	238	307	5529	649	5635	0	10	7302	7211	-695	18339	0	18339	2093	20432	49.95
8	4921	333	307	5561	589	5611	0	112	7772	7975	-822	19026	0	19026	2268	21294	49.97
9	4868	407	296	5571	509	5643	0	275	7599	7617	-1029	18586	0	18586	2578	21164	49.98
10	4892	388	302	5582	485	5630	0	427	7531	7368	-1212	18280	0	18280	2910	21190	49.97
11	4915	268	290	5473	344	5637	0	497	7870	7639	-1400	18190	0	18190	3138	21328	50.00
12	4909	568	297	5774	380	5661	0	579	7930	8193	-1446	19141	0	19141	3208	22349	50.01
13	4918	228	285	5431	398	5674	0	553	7858	7645	-1389	18312	0	18312	3170	21482	50.01
14	4882	198	296	5376	437	5676	0	508	7594	7579	-1358	18218	0	18218	3038	21256	50.00
15	4837	172	287	5296	590	5643	0	443	7457	7555	-1420	18107	0	18107	3099	21206	50.03
16	4770	172	295	5237	595	5629	0	306	7279	7236	-1367	17636	0	17636	3080	20716	50.02
17	4815	177	287	5279	746	5683	0	132	6843	6710	-1308	17242	0	17242	3044	20286	49.99
18	4845	177	288	5310	949	5537	0	41	5854	5893	-1255	16475	0	16475	2955	19430	49.97
19	4806	341	300	5447	1202	5572	0	1	5239	5288	-1207	16303	0	16303	2948	19251	49.94
20	4810	140	302	5252	1240	5661	0	0	5097	5125	-1155	16123	0	16123	2928	19051	50.03
21	4674	92	292	5058	1226	5690	0	0	4887	4657	-1082	15549	0	15549	2769	18318	50.00
22	4607	92	303	5002	1204	5510	0	0	4877	4682	-1168	15230	0	15230	2630	17860	50.01
23	4630	91	293	5014	1284	5514	0	0	4820	4785	-1240	15357	0	15357	2542	17899	50.00
24	4653	101	303	5057	1376	5431	0	0	4797	4602	-1284	15182	0	15182	2484	17666	50.01
MUs	116.68	5.27	7.16	129.11	18.30	134.75	0.00	3.88	150.67	150.89	-25.68	411.26	0.00	411.26	62.87	474.13	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 21/Sep/2018

Position as on 6.30 Hrs of 22/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	22/09/2018	08:10	Stator Earth Fault	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 22/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	20/09/2018	18.28	21/09/2018	07.10	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	21/09/2018	10.37	21/09/2018	15.30	PO	DCRM, TIMING OF BAY CB,CT TESTING WORK.
Kudus-Padgha (PG) Ckt II	InterState	21/09/2018	15.50	21/09/2018	17.59	PO	Testing Work
Dhule Sar'Sarovar I	InterState	21/09/2018	17.45		Continued.	HT	Over Voltage
Kudus-Padgha(PG) Ckt I	InterState	21/09/2018	20.51	21/09/2018	22.36	T	Y-PHASE CURRENT ZERO
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)
Khadka-Aurangabad (Waluj)	IntraState	20/09/2018	21.33	21/09/2018	06.46	HT	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	21/09/2018	10.10	21/09/2018	18.35	PO	CT DROP JUMPER REPLACEMENT WORK.
Bhusawal-Aurangabad	IntraState	21/09/2018	18.33		Continued.	HT	Over Voltage
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
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.
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
Adlabs - Pedambe	IntraState	20/09/2018	17.19	21/09/2018	00.24	T	Distance Protection Z1 B Phase
Kalwa - Colourchem	IntraState	21/09/2018	09.25	21/09/2018	15.30	EO	Attending Hot Spot
Bapgaon - Kalwa	IntraState	21/09/2018	09.32	21/09/2018	18.22	PO	ISOLATOR MAINTENANCE WORK.
Dahanu Ghodbunder Line 2	IntraState	21/09/2018	10.56	21/09/2018	13.15	T	Distance Protection Z1 Y&B Phase
Ghatghar - Bapgaon	IntraState	21/09/2018	11.10	21/09/2018	11.45	T	TRIPPED AT BAPGAON END ONLY ON DP & SOTF/ 24 MW LOAD AFFECTED DURING 11:10 HRS TO 11:50 HRS.
Arey - TPC Borivali	IntraState	21/09/2018	11.20	21/09/2018	15.16	T	Distance Protection Z1 B Phase
Kandalgaon - ONGC Panvel	IntraState	21/09/2018	12.09	21/09/2018	14.15	T	Distance Protection Z1 Y Phase
Eklahare (Gcr) - Airoli Know Park	IntraState	21/09/2018	13.15	21/09/2018	15.03	EO	Attending Hot Spot
Eklahare (Gcr) - Ghatghar	IntraState	22/09/2018	06.15	22/09/2018	07.17	T	Distance & Backup Protection,y-ph to neutral.

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 21/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 22/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahindra Vehicle-Bridgestone	IntraState	22/09/2018	08.12	22/09/2018	16.58	PO	STRINGING 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		Continued.	T	Distance protection Zone 1 R Phase
132 KV LINE Outages/Trippings							
Rahatani-Ncl	IntraState	21/09/2018	16.32	21/09/2018	16.37	T	Distance Protection(R Phase)