

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Sep/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.169	3270.157	1) Gujrat	3.246	34.467
2) Hydro	21.812	464.224	2) Madhya Pradesh	22.849	520.835
3) Gas	6.819	152.953	3) Chattisgarh	5.070	155.530
Total MSPGCL	136.800	3887.334	4) Maharashtra Net	145.344	3844.016
B) 1) APML	58.711	1652.858	5) Goa (Amona)	-0.462	-9.130
2) JSWEL	28.952	669.545	Total	176.047	4545.718
3) VIPL	9.996	410.680	a) Mumbai Schedule	23.075	675.999
4) RPL(AMT)	6.520	673.149	b) Mumbai Drawl	23.610	712.221
5) WPCL	5.326	129.379	c) MSEDCL Bilateral *	89.802	1763.287
6) PGPL	0.000	0.000	Include PX	57.422	925.304
7) Other IPP	8.138	216.475	d) Mumbai Bilateral *	23.075	675.999
C) 1) TPCL Thermal	16.407	475.286	Include PX	7.218	74.688
2) TPCL Hydro	0.918	127.390	Include Standby	0.000	0.000
3) TPCL Gas	4.371	130.329	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.006	339.251	1) MSEDCL	418.264	12150.226
D) STATE			2) Mumbai Discoms	57.312	1784.472
1) Thermal	254.225	7836.780	TOTAL STATE	475.576	13934.698
(A1+C1+C4+(B1-B6))					
2) Hydro	22.730	591.614			
(A2+C2)					
3) Gas	11.190	283.282			
(A3+B6+C3)					
4) Wind	5.331	524.386			
6) SOLAR	6.053	152.923			
TOTAL STATE	299.529	9388.985			

* 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	4363	4335	4411	4727
MSPGCL Hydro	853	866	1768	341
MSPGCL Gas	271	272	282	297
MSPGCL Total Generation	5487	5473	6461	5365
Central Sector Receipt	8700	8643	6606	6660
WIND	310	285	110	259
CPP / IPP Thermal	4915	4922	4878	4892
CPP / IPP Gas	0	0	0	0
SOLAR	832	824	0	0
Exchange with Mumbai	-1130	-1127	-1000	-723
MSEDCL DEMAND MET	19114	19020	17055	16453
Load Shedding	0	0	0	0
MSEDCL DEMAND	19114	19020	17055	16453
TPCL GENERATION	886	862	1067	860
R-INFRA GENERATION	499	499	501	501
MUMBAI DEMAND	2515	2488	2568	2084
STATE DEMAND MET	21629	21508	19623	18537
STATE DEMAND	21629	21508	19623	18537
Frequency (Hz)	49.94	49.98	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 06:01 Hrs	49.75 Hz at 16:42 Hrs	49.95	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 30/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	6.47	212.20	320	193
Unit 9	7.34	56.24	339	279
Unit 10	0.00	169.59	0	0
Total	13.81	438.18		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.74	128.98	360	300
Unit 5	1.18	265.72	340	0
Total	8.93	394.71		
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	3.75	153.66	187	123
Unit 8	2.35	140.48	165	0
Total	6.10	308.45		
Chandrapur				
Unit 3	4.18	113.98	185	162
Unit 4	3.96	117.11	170	154
Unit 5	9.39	212.69	400	385
Unit 6	9.40	151.82	400	375
Unit 7	9.41	191.06	400	375
Unit 8	0.95	189.41	248	0
Unit 9	9.83	267.16	455	390
Total	47.13	1243.23		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.04	144.47	227	197
Total	5.04	203.93		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	1.88	29.27	110	34
Unit 3	3.74	108.95	175	146
Unit 4	3.62	73.81	165	130
Unit 5	10.38	271.26	450	400
Total	19.62	483.29		
Nasik				
Unit 3	3.73	119.77	164	148
Unit 4	3.80	72.47	164	153
Unit 5	0.00	6.13	0	0
Total	7.53	198.36		
Uran				
All Units	6.82	152.95	300	259
Total	6.82	152.95		
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)	0.82	5.43	37	26

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.82	5.43		
Koyna				
Stage 1-2	4.95	122.85	475	40
Stage 4	12.26	206.30	1000	0
Stage 3	3.71	73.15	240	80
Total	20.92	402.30		
Hydro				
KDPH	0.00	16.02	0	0
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.	0.24	9.28	77	0
RNGR+BHTSA	0.39	8.36	17	16
BHANDARDRA	0.00	2.87	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	9.97	20	8
GHATGHAR	0.00	4.14	0	0
Total	0.89	61.93		
Wind				
Total	5.33	524.39	0	0
Total	5.33	524.39		
CPP				
APML(Mus)	58.71	1652.86	0	0
JSWEL(Mus)	28.95	669.54	0	0
VIPL(Mus)	10.00	410.68	0	0
RPLAMT(Mus)	6.52	673.15	0	0
WPCL(Mus)	5.33	129.38	0	0
Other(Mus)	8.14	216.48	0	0
Total	117.64	3752.09		
SOLAR				
Total	6.05	152.92	0	0
Total	6.05	152.92		
Tata				
Trombay 5	11.03	314.82	480	434
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	82.31	116	114
Trombay 7B	1.61	48.02	68	66
Trombay 8	5.38	160.46	236	218
TATA Hydro	0.92	127.39	211	0
Total	21.70	733.00		
R-INFRA				
DTPS U-1&2	12.01	339.25	502	499
Total	12.01	339.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.17	3270.16	MSPGCL Total	136.80	3887.33
			MSPGCL Thml+Gas	114.99	3423.11	Koyna 1,2 & 4 Total	17.21	329.15
			MSPGCL Hydro	21.81	464.22	State Total	299.53	9388.98

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 30/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	4931	1078	285	6294	220	4914	0	0	6554	6665	-1134	16959	0	16959	2534	19493	49.89
2	4903	736	297	5936	240	4907	0	0	6665	6758	-941	16900	0	16900	2338	19238	49.90
3	4875	257	287	5419	269	4877	0	0	6578	6799	-799	16565	0	16565	2182	18747	49.95
4	4727	341	297	5365	259	4892	0	0	6525	6660	-723	16453	0	16453	2084	18537	49.97
5	4535	740	298	5573	269	4907	0	0	6718	7067	-692	17124	0	17124	2068	19192	49.94
6	4514	760	289	5563	228	4874	0	0	7506	7612	-703	17574	0	17574	2078	19652	49.95
7	4514	795	300	5609	265	4868	0	20	7955	8281	-675	18368	0	18368	2056	20424	49.98
8	4418	865	287	5570	269	4837	0	198	8006	8055	-712	18217	0	18217	2086	20303	49.95
9	4400	548	294	5242	219	4904	0	457	7847	7908	-807	17923	0	17923	2183	20106	49.97
10	4437	446	281	5164	310	4918	0	652	7828	7827	-935	17936	0	17936	2311	20247	49.97
11	4407	691	286	5384	346	4910	0	775	7904	8033	-1043	18405	0	18405	2430	20835	49.95
12	4363	853	271	5487	310	4915	0	832	8553	8700	-1130	19114	0	19114	2515	21629	49.94
13	4335	866	272	5473	285	4922	0	824	8678	8643	-1127	19020	0	19020	2488	21508	49.98
14	4403	777	269	5449	237	4920	0	758	8671	8676	-1117	18923	0	18923	2472	21395	49.98
15	4368	760	259	5387	246	4908	0	658	8682	8758	-1158	18799	0	18799	2509	21308	49.97
16	4344	880	270	5494	168	4937	0	510	8410	8487	-1129	18467	0	18467	2521	20988	49.93
17	4318	949	281	5548	190	4947	0	273	7890	7900	-1049	17809	0	17809	2473	20282	49.87
18	4297	790	275	5362	170	4941	0	95	7347	7400	-1006	16962	0	16962	2397	19359	49.94
19	4422	1386	277	6085	127	4913	0	1	6558	6633	-977	16782	0	16782	2452	19234	49.94
20	4411	1768	282	6461	110	4878	0	0	6446	6606	-1000	17055	0	17055	2568	19623	49.95
21	4419	1514	294	6227	135	4869	0	0	6191	6461	-1055	16637	0	16637	2590	19227	49.92
22	4556	1544	285	6385	162	4882	0	0	6118	6374	-1160	16643	0	16643	2620	19263	49.98
23	4647	1409	296	6352	139	4880	0	0	6280	6351	-1226	16496	0	16496	2660	19156	49.92
24	4625	1059	287	5971	158	4923	0	0	6613	6756	-1312	16496	0	16496	2697	19193	49.96
MUs	108.17	21.81	6.82	136.80	5.33	117.64	0.00	6.05	176.52	179.41	-23.61	421.63	0.00	421.63	57.31	478.94	49.95

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 30/Sep/2018

Position as on 6.30 Hrs of 01/Oct/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 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		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	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	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
MSPGCL	Parli Unit 6	250	12/09/2018	06.57	01/10/2018	11.40	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	
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	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit-8	500	27/09/2018	00.58	30/09/2018	18.07	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/09/2018	12.42		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 5	500	30/09/2018	03.50		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	30/09/2018	22.24		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
IPP	Dhariwal	300	01/10/2018	4.33	01/10/2018	6.35	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 01/Oct/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	29/09/2018	19.10	30/09/2018	08.48	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/09/2018	18.11	01/10/2018	08.57	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/10/2018	18.11		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	29/09/2018	19.09	30/09/2018	09.00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/09/2018	19.10	01/10/2018	06.54	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	01/10/2018	16.29	01/10/2018	19.39	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	01/10/2018	17.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT 2@koradi 2	IntraState	18/09/2018	09.47	30/09/2018	11.07	HT	Emergency Hand Tripped due to R Phase Buchholz alarm Indication on ICT
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	01/10/2018	15.06	01/10/2018	19.30	PO	Hot Spot on CT LV Side
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	17.00	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	16.34	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	01/10/2018	15.55	01/10/2018	16.21	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
400/220KV 500MVA ICT-I @Nanded	IntraState	01/10/2018	18.29	01/10/2018	20.00	PO	Replacement of 33kv Bushing of R PH
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.
Tillari Amona	InterState	30/09/2018	13.15	30/09/2018	15.17	T	Tripped on Backup Protection
Mahalakshmi Amona	InterState	30/09/2018	13.15	30/09/2018	14.16	T	Tripped on Backup Protection
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.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
Bus A at Padgha	IntraState	28/09/2018	18.37	30/09/2018	19.40	PO	Erection Of Hybrid Bus.
Padgha-Temghar-II	IntraState	28/09/2018	19.48	01/10/2018	04.37	HT	220KV A Bus outage at Padgha
Padgha - Temghar I	IntraState	28/09/2018	19.48	30/09/2018	23.03	HT	220KV A Bus outage at Padgha
Sonkhar - Trombay	IntraState	29/09/2018	16.09	30/09/2018	18.11	PO	Replacement of Conductor at Loc.No.736&738
Dhule-Chalisagaon	IntraState	30/09/2018	05.32	30/09/2018	09.24	HT	H/T for Controlling Dhule ICT O/L
Jambhul - Pal	IntraState	30/09/2018	11.00	30/09/2018	13.37	PO	To Attend compressor Air Leakage at Jambhul End
Kandalgaon - ONGC Panvel	IntraState	30/09/2018	11.05	30/09/2018	13.15	T	Distance Protection 39.1KM, IR-0.35KA, IY-4.91KA, IB-4.69KA.
Babhaleshwar - Degaon Rangari	IntraState	30/09/2018	11.13	30/09/2018	14.41	PO	Replacement of String Insulator
Nalasopara-Boisar	IntraState	30/09/2018	12.30	30/09/2018	13.10	T	Distance Protection Nalasopara end:- R PH E/F IA-2.38KA, boiser PG end:- R PH E/F IR-6.68KA

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 30/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 01/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							17.5KM.
Topworth - Kharghar	IntraState	30/09/2018	14.11	30/09/2018	14.54	T	Tripped on Backup Protection
Jejuri- Ismt- Lonand	IntraState	30/09/2018	15.20	30/09/2018	15.50	T	Distance Protection R pH zone 1 6.17 KA. 11.61 KM.
Mahad - Pedambe	IntraState	01/10/2018	09.05	01/10/2018	17.18	PO	Maintenance Work
Baramati - Kurkumbh	IntraState	01/10/2018	10.10	01/10/2018	19.50	PO	jumper Tightning for 18 circuits
Talandge-Mudshingi Ckt-I	IntraState	01/10/2018	12.17	01/10/2018	19.21	PO	Relay Testing Work
Sawantwadi-Bidri	IntraState	01/10/2018	12.25	01/10/2018	13.10	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	01/10/2018	15.55	01/10/2018	16.45	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Talandge(400kv)- Ichalkaranji 2	IntraState	01/10/2018	15.55	01/10/2018	16.50	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Kolhapur-Bidri	IntraState	01/10/2018	15.55	01/10/2018	16.30	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Talandge(400kv)- Ichalkaranji 1	IntraState	01/10/2018	15.55	01/10/2018	16.40	T	Bus Bar 1 and 2 operated due to R Ph Bus coupler pole
Topworth - Kharghar	IntraState	01/10/2018	18.04	01/10/2018	22.11	T	Over Voltage
Eklahare (Gcr) - Ghatghar	IntraState	01/10/2018	18.30	01/10/2018	18.55	T	Distance Protection
Ghatghar - Jindal	IntraState	01/10/2018	18.30	01/10/2018	19.19	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/09/2018	09.29		Continued.	PO	Control & Relay Panel Replacement Work.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	01/10/2018	10.00	01/10/2018	19.00	PO	Fire Fighting system overhauling work
220/33kv 50mva T/F 2 Bbl Ptr 2 @Talandage 5 Star Midc,Kagal)	IntraState	01/10/2018	10.10	01/10/2018	17.00	PO	Replacement of faulty Insulator maintance work
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	30/09/2018	10.05	30/09/2018	18.06	PO	Routine Maintenance Work

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