

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 19/Sep/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.463	2021.722	1) Gujrat	-0.785	24.704
2) Hydro	7.709	252.087	2) Madhya Pradesh	11.588	292.715
3) Gas	7.246	74.502	3) Chattisgarh	4.340	96.110
Total MSPGCL	135.418	2348.311	4) Maharashtra Net	136.440	2366.178
B) 1) APML	58.404	1027.294	5) Goa (Amona)	-0.066	-6.270
2) JSWEL	26.519	377.942	Total	151.517	2773.437
3) VIPL	14.460	273.439	a) Mumbai Schedule	21.804	421.718
4) RPL(AMT)	31.416	564.123	b) Mumbai Drawl	24.438	432.986
5) WPCL	5.441	69.237	c) MSEDCL Bilateral *	67.307	927.131
6) PGPL	0.000	0.000	Include PX	31.729	475.191
7) Other IPP	7.195	128.483	d) Mumbai Bilateral *	21.804	421.718
C) 1) TPCL Thermal	16.316	293.677	Include PX	1.319	27.584
2) TPCL Hydro	4.340	83.750	Include Standby	0.000	0.000
3) TPCL Gas	4.372	82.535	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.506	209.521	1) MSEDCL	423.483	7633.687
D) STATE			2) Mumbai Discoms	60.971	1102.463
1) Thermal	291.720	4965.438	TOTAL STATE	484.454	8736.150
(A1+C1+C4+(B1-B6))					
2) Hydro	12.049	335.837			
(A2+C2)					
3) Gas	11.618	157.037			
(A3+B6+C3)					
4) Wind	12.871	410.421			
6) SOLAR	4.680	93.986			
TOTAL STATE	332.938	5962.719			

* 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	5035	5043	4951	4942
MSPGCL Hydro	155	149	1787	109
MSPGCL Gas	306	303	294	299
MSPGCL Total Generation	5496	5495	7032	5350
Central Sector Receipt	7893	7455	4977	5155
WIND	432	375	355	687
CPP / IPP Thermal	6099	5924	6009	5937
CPP / IPP Gas	0	0	0	0
SOLAR	704	711	0	0
Exchange with Mumbai	-1430	-1344	-1068	-554
MSEDCL DEMAND MET	19194	18616	17305	16575
Load Shedding	0	0	0	0
MSEDCL DEMAND	19194	18616	17305	16575
TPCL GENERATION	1130	1163	1314	860
R-INFRA GENERATION	498	499	497	484
MUMBAI DEMAND	3058	3006	2879	1898
STATE DEMAND MET	22252	21622	20184	18473
STATE DEMAND	22252	21622	20184	18473
Frequency (Hz)	49.98	49.92	49.93	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.01 Hz at 04.00 Hrs	49.82 Hz at 19.00 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 19/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	7.82	137.46	356	289
Unit 9	0.00	38.80	0	0
Unit 10	7.54	103.54	333	280
Total	15.36	279.94		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.70	41.66	470	345
Unit 5	8.76	185.66	475	345
Total	17.46	227.32		
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	5.97	98.06	252	242
Unit 8	5.35	94.31	241	210
Total	11.32	206.68		
Chandrapur				
Unit 3	4.11	74.25	183	156
Unit 4	4.06	75.08	177	145
Unit 5	10.14	109.12	440	405
Unit 6	0.00	114.65	0	0
Unit 7	8.72	87.45	394	331
Unit 8	9.89	123.05	438	382
Unit 9	9.41	164.99	431	360
Total	46.32	748.59		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.44	89.47	238	220
Total	5.44	148.93		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	3.63	70.47	163	145
Unit 4	3.66	34.52	170	140
Unit 5	9.25	163.44	450	350
Total	16.54	295.80		
Nasik				
Unit 3	3.98	78.28	175	159
Unit 4	4.04	30.05	180	155
Unit 5	0.00	6.13	0	0
Total	8.02	114.46		
Uran				
All Units	7.25	74.50	310	290
Total	7.25	74.50		
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)	0.24	1.84	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	1.84		
Koyna				
Stage 1-2	2.25	65.28	520	40
Stage 4	2.68	103.74	940	0
Stage 3	1.08	38.93	240	0
Total	6.00	207.95		
Hydro				
KDPH	0.89	9.87	37	37
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.	0.33	6.24	80	0
RNGR+BHTSA	0.29	4.92	16	0
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.20	6.91	18	5
GHATGHAR	0.00	2.53	0	0
Total	1.70	44.14		
Wind				
Total	12.87	410.42	0	0
Total	12.87	410.42		
CPP				
APML(Mus)	58.40	1027.29	0	0
JSWEL(Mus)	26.52	377.94	0	0
VIPL(Mus)	14.46	273.44	0	0
RPLAMT(Mus)	31.42	564.12	0	0
WPCL(Mus)	5.44	69.24	0	0
Other(Mus)	7.20	128.48	0	0
Total	143.44	2440.52		
SOLAR				
Total	4.68	93.99	0	0
Total	4.68	93.99		
Tata				
Trombay 5	10.81	193.28	479	328
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	52.13	116	114
Trombay 7B	1.61	30.40	68	66
Trombay 8	5.51	100.40	242	202
TATA Hydro	4.34	83.75	421	3
Total	25.03	459.96		
R-INFRA				
DTPS U-1&2	11.51	209.52	500	377
Total	11.51	209.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.46	2021.72	MSPGCL Total	135.42	2348.31
			MSPGCL Thml+Gas	127.71	2096.22	Koyna 1,2 & 4 Total	4.93	169.02
			MSPGCL Hydro	7.71	252.09	State Total	332.94	5962.72

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 19/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	5001	562	295	5858	559	6125	0	0	5435	5370	-877	17035	0	17035	2263	19298	49.92
2	4970	200	307	5477	526	6102	0	0	5413	5304	-716	16693	0	16693	2089	18782	49.96
3	4931	162	307	5400	571	6104	0	0	5317	5281	-608	16748	0	16748	1980	18728	49.99
4	4942	109	299	5350	687	5937	0	0	5287	5155	-554	16575	0	16575	1898	18473	50.01
5	4977	87	309	5373	636	5782	0	0	5505	5813	-757	16847	0	16847	1859	18706	49.93
6	4927	102	310	5339	682	5918	0	0	6403	6578	-767	17750	0	17750	1946	19696	50.00
7	4908	103	309	5320	601	6042	0	20	7466	7836	-695	19124	0	19124	2071	21195	49.93
8	4969	98	298	5365	604	6015	0	127	7684	7692	-798	19005	0	19005	2227	21232	49.97
9	5019	133	309	5461	575	6031	0	335	7477	7606	-1009	18999	0	18999	2522	21521	50.00
10	5048	154	306	5508	596	6022	0	558	7388	7193	-1210	18667	0	18667	2797	21464	49.97
11	5063	150	297	5510	524	6071	0	662	7829	7365	-1409	18723	0	18723	2987	21710	50.01
12	5035	155	306	5496	432	6099	0	704	8084	7893	-1430	19194	0	19194	3058	22252	49.98
13	5043	149	303	5495	375	5924	0	711	7929	7455	-1344	18616	0	18616	3006	21622	49.92
14	5030	119	294	5443	370	5861	0	587	7775	7690	-1224	18727	0	18727	2887	21614	49.94
15	5009	103	303	5415	412	5851	0	458	7762	7569	-1172	18533	0	18533	2893	21426	49.86
16	5088	98	291	5477	534	5829	0	311	7761	7481	-1227	18405	0	18405	2894	21299	49.92
17	5043	108	302	5453	599	5878	0	159	7208	6811	-1462	17438	0	17438	2873	20311	49.96
18	5043	420	290	5753	506	5818	0	46	6273	5904	-1305	16722	0	16722	2826	19548	49.90
19	5042	1282	302	6626	358	6018	0	2	5038	4919	-1098	16825	0	16825	2843	19668	49.82
20	4951	1787	294	7032	355	6009	0	0	4959	4977	-1068	17305	0	17305	2879	20184	49.93
21	5097	890	304	6291	439	5994	0	0	4893	5094	-1009	16809	0	16809	2727	19536	49.95
22	5216	366	307	5889	597	6031	0	0	4844	4786	-990	16313	0	16313	2612	18925	49.98
23	5076	245	296	5617	606	6020	0	0	4858	4719	-841	16121	0	16121	2466	18587	49.89
24	5035	127	308	5470	727	5953	0	0	4867	5026	-868	16308	0	16308	2369	18677	49.96
MUs	120.46	7.71	7.25	135.42	12.87	143.44	0.00	4.68	153.45	151.52	-24.44	423.48	0.00	423.48	60.97	484.46	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 19/Sep/2018

Position as on 6.30 Hrs of 20/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 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	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	Chandrapur Unit 6	500	14/09/2018	23.58	20/09/2018	16:00	Clinker Removed	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 20/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Pune(PG)-Solapur(PG)	InterState	20/09/2018	13.59	20/09/2018	18.56	EO	Emergency 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	18/09/2018	16.35	19/09/2018	15.30	T	Distance Protection
Chandrapur II - Dhariwal -I	InterState	19/09/2018	10.09	19/09/2018	16.26	PO	Testing Work
Kudus-Padgha(PG) Ckt I	InterState	19/09/2018	11.41	19/09/2018	16.22	PO	for DCRM,TIMING OF BAY CB AND CT TESTING.
Kudus-Padgha(PG) Ckt I	InterState	19/09/2018	16.34	19/09/2018	18.16	PO	for DCRM,TIMING OF BAY CB AND CT TESTING.
Dhule Sar'Sarovar I	InterState	19/09/2018	17.12	20/09/2018	06.30	T	Over Voltage
Dhule Sar'Sarovar I	InterState	20/09/2018	18.28		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	18/09/2018	17.58	19/09/2018	06.14	HT	Over Voltage
Main Bus-2 @Nagothane S/st.	IntraState	19/09/2018	14.19	19/09/2018	17.48	PO	padghe 2 pg isolator overhauling.
Khadka-Aurangabad (Waluj)	IntraState	19/09/2018	18.34	20/09/2018	06.29	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/09/2018	20.02	20/09/2018	07.51	HT	Over Voltage
Main Bus-I @ Koradi III	IntraState	20/09/2018	08.36	20/09/2018	19.40	PO	Testing & maintenance of bus connected isolator & CVT.
Khadka-Aurangabad (Waluj)	IntraState	20/09/2018	21.33		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
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	20/09/2018	15.03	20/09/2018	15.24	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	20/09/2018	15.03	20/09/2018	15.23	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
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.
Boisar Tarapur	InterState	20/09/2018	18.07	20/09/2018	19.39	EO	Bus bar protection relay work at tarapur end.
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
220KV Chalisagaon-Kopergaon	IntraState	18/09/2018	10.40	19/09/2018	14.00	PO	Replacement Of R-PH Jumper (shifted to TBC)
Ghodbunder - Gorai	IntraState	19/09/2018	06.36	19/09/2018	18.21	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	19/09/2018	08.53	19/09/2018	17.29	PO	work of ct replacement.

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 19/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 20/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khadka-Bhadli-2	IntraState	19/09/2018	09.20	19/09/2018	12.10	PO	isolator alignment.
Karad -Mudshingi Ckt- IV	IntraState	19/09/2018	10.09	19/09/2018	14.45	PO	Quarterly Maintainance Work
PARANDA BARSHI	IntraState	19/09/2018	10.42	19/09/2018	14.20	PO	Quarterly Maintainance Work
BHUGAON WARORA CKT-II	IntraState	19/09/2018	12.07	19/09/2018	12.23	T	Distance Protection
Parli(U-VIII) GCR CKT	IntraState	19/09/2018	13.07	19/09/2018	14.35	PO	Attending Oil Leakage
Bableshwar- Bableshwar-I	IntraState	19/09/2018	16.56	19/09/2018	18.45	EO	Attending Hot Spot
Mahindra Vehicle-Bridgestone	IntraState	20/09/2018	08.02	20/09/2018	18.38	PO	Stringing work.
Baramati- Kalyani	IntraState	20/09/2018	10.20	20/09/2018	14.15	PO	Testing Work
Butibori - VIPL Ckt I	IntraState	20/09/2018	10.45	20/09/2018	17.21	PO	Tan Delta Measurment of CTs
Bhigwan-Baramati	IntraState	20/09/2018	14.56	20/09/2018	16.55	PO	Testing Work
Kalwa-Salsette-IV	IntraState	20/09/2018	15.03	20/09/2018	15.25	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
Kalwa - Mulund 2	IntraState	20/09/2018	15.03	20/09/2018	15.24	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
Kalwa-TIFIL	IntraState	20/09/2018	15.03	20/09/2018	15.47	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
Kalwa - Borivali	IntraState	20/09/2018	15.03	20/09/2018	15.27	T	LBB operated due to non-tripping of CB of 220 kv colorchem ckt, there was fault on colorchem ckt.
Kalwa - Colourchem	IntraState	20/09/2018	15.03	20/09/2018	19.59	T	Distance Protection
GIS Bhandup - Borivali	IntraState	20/09/2018	15.11	20/09/2018	15.18	HT	Load management due occurrence at kalwa S/S.
Adlabs - Pedambe	IntraState	20/09/2018	17.19		Continued.	T	Distance Protection Z1 B Phase
Nerle - Dasgaon	IntraState	20/09/2018	19.10	20/09/2018	19.26	EO	To attend sparking on bus isolator.
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	19/09/2018	10.00	19/09/2018	18.01	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Jalna220- Jalna Midc	IntraState	19/09/2018	19.50	19/09/2018	20.05	T	Distance Protection
Jalna (Old) - Jafrabad	IntraState	19/09/2018	19.50	19/09/2018	20.10	T	due to tripping of 132kv jalna-jalna midc ckt,132kv jalna-khaniyanagar lts operated.
Partur - Jalna (Old)	IntraState	19/09/2018	19.50	19/09/2018	20.08	T	due to tripping of 132kv jalna-jalna midc ckt,132kv jalna-khaniyanagar lts operated.
Bhandara-Kardha	IntraState	20/09/2018	02.27	20/09/2018	02.52	T	Distance Protection
Jalna (220)-Ambad	IntraState	20/09/2018	04.00	20/09/2018	04.13	T	Distance Protection
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	20/09/2018	13.42	20/09/2018	14.00	T	Distance Protection

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