

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Sep/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.523	3161.988	1) Gujrat	1.542	31.221
2) Hydro	13.968	442.412	2) Madhya Pradesh	23.831	497.986
3) Gas	6.980	146.134	3) Chattisgarh	5.780	150.460
Total MSPGCL	142.471	3750.534	4) Maharashtra Net	141.732	3698.672
B) 1) APML	56.706	1594.147	5) Goa (Amona)	-0.462	-8.668
2) JSWEL	24.390	640.593	Total	172.423	4369.671
3) VIPL	9.992	400.684	a) Mumbai Schedule	25.935	652.924
4) RPL(AMT)	6.522	666.629	b) Mumbai Drawl	26.228	688.611
5) WPCL	5.561	124.053	c) MSEDCL Bilateral *	86.658	1673.485
6) PGPL	0.000	0.000	Include PX	57.422	867.882
7) Other IPP	8.095	208.337	d) Mumbai Bilateral *	25.935	652.924
C) 1) TPCL Thermal	16.669	458.879	Include PX	7.218	67.470
2) TPCL Hydro	4.084	126.472	Include Standby	0.000	0.000
3) TPCL Gas	4.374	125.958	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.007	327.245	1) MSEDCL	411.767	11731.962
D) STATE			2) Mumbai Discoms	63.362	1727.160
1) Thermal	261.465	7582.555	TOTAL STATE	475.129	13459.122
(A1+C1+C4+(B1-B6))					
2) Hydro	18.052	568.884			
(A2+C2)					
3) Gas	11.354	272.092			
(A3+B6+C3)					
4) Wind	6.347	519.055			
6) SOLAR	5.488	146.870			
TOTAL STATE	302.706	9089.456			

* 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 3 Hrs
MSPGCL Thermal	5284	5273	4940	5126
MSPGCL Hydro	320	193	1656	79
MSPGCL Gas	281	288	290	307
MSPGCL Total Generation	5885	5754	6886	5512
Central Sector Receipt	8348	8389	6653	6664
WIND	364	369	380	97
CPP / IPP Thermal	4567	4739	4934	4372
CPP / IPP Gas	0	0	0	0
SOLAR	762	744	0	0
Exchange with Mumbai	-1400	-1294	-1206	-719
MSEDCL DEMAND MET	18526	18701	17647	15926
Load Shedding	0	0	0	0
MSEDCL DEMAND	18526	18701	17647	15926
TPCL GENERATION	1161	1254	1303	871
R-INFRA GENERATION	498	499	500	502
MUMBAI DEMAND	3059	3047	3009	2092
STATE DEMAND MET	21585	21748	20656	18018
STATE DEMAND	21585	21748	20656	18018
Frequency (Hz)	49.97	49.99	49.92	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.61 Hz at 18.37 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 29/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	8.81	205.72	451	296
Unit 9	8.50	48.90	420	300
Unit 10	3.45	169.59	320	0
Total	20.76	424.37		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.67	121.24	360	300
Unit 5	7.53	264.54	350	300
Total	15.20	385.78		
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	4.46	149.90	198	180
Unit 8	4.35	138.13	204	162
Total	8.81	302.35		
Chandrapur				
Unit 3	4.24	109.80	186	167
Unit 4	3.39	113.15	164	115
Unit 5	9.42	203.30	410	370
Unit 6	9.41	142.42	410	382
Unit 7	9.83	181.64	433	376
Unit 8	0.00	188.46	0	0
Unit 9	10.57	257.33	468	404
Total	46.87	1196.09		
Paras				
Unit 3	0.00	59.46	0	0
Unit 4	5.22	139.43	235	202
Total	5.22	198.89		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.02	27.39	20	0
Unit 3	3.64	105.21	164	138
Unit 4	3.27	70.19	145	125
Unit 5	10.21	260.88	450	400
Total	17.13	463.67		
Nasik				
Unit 3	3.78	116.04	165	152
Unit 4	3.75	68.66	167	143
Unit 5	0.00	6.13	0	0
Total	7.52	190.83		
Uran				
All Units	6.98	146.13	308	276
Total	6.98	146.13		
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)	0.75	4.61	37	13

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.75	4.61		
Koyna				
Stage 1-2	3.72	117.90	505	40
Stage 4	7.20	194.04	1000	0
Stage 3	2.01	69.44	240	0
Total	12.93	381.38		
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.	0.29	9.04	80	0
RNGR+BHTSA	0.39	7.98	17	16
BHANDARDRA	0.00	2.87	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	9.71	19	7
GHATGHAR	0.11	4.14	90	0
Total	1.04	61.03		
Wind				
Total	6.35	519.06	0	0
Total	6.35	519.06		
CPP				
APML(Mus)	56.71	1594.15	0	0
JSWEL(Mus)	24.39	640.59	0	0
VIPL(Mus)	9.99	400.68	0	0
RPLAMT(Mus)	6.52	666.63	0	0
WPCL(Mus)	5.56	124.05	0	0
Other(Mus)	8.10	208.34	0	0
Total	111.27	3634.44		
SOLAR				
Total	5.49	146.87	0	0
Total	5.49	146.87		
Tata				
Trombay 5	11.11	303.79	477	438
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	79.55	118	114
Trombay 7B	1.60	46.41	69	66
Trombay 8	5.56	155.09	237	219
TATA Hydro	4.08	126.47	412	6
Total	25.13	711.31		
R-INFRA				
DTPS U-1&2	12.01	327.24	502	498
Total	12.01	327.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.52	3161.99	MSPGCL Total	142.47	3750.53
			MSPGCL Thml+Gas	128.50	3308.12	Koyna 1,2 & 4 Total	10.92	311.94
			MSPGCL Hydro	13.97	442.41	State Total	302.71	9089.46

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	5066	576	299	5941	119	4428	0	0	6720	7035	-1046	16477	0	16477	2408	18885	49.95
2	5103	233	308	5644	84	4384	0	0	6901	7002	-863	16251	0	16251	2230	18481	49.92
3	5126	79	307	5512	97	4372	0	0	6822	6664	-719	15926	0	15926	2092	18018	49.93
4	5141	68	305	5514	86	4361	0	0	6797	6773	-638	16096	0	16096	2003	18099	49.99
5	5099	64	292	5455	137	4341	0	0	6937	7064	-606	16391	0	16391	1974	18365	49.98
6	5009	94	302	5405	233	4369	0	0	7601	7596	-644	16959	0	16959	2025	18984	49.94
7	5069	762	300	6131	313	4402	0	22	7752	7690	-722	17836	0	17836	2105	19941	50.01
8	5174	543	291	6008	315	4358	0	193	7861	8025	-835	18064	0	18064	2217	20281	49.98
9	5193	229	299	5721	305	4392	0	391	7820	7994	-1027	17776	0	17776	2429	20205	49.98
10	5247	254	288	5789	272	4379	0	573	7839	7771	-1194	17590	0	17590	2735	20325	49.98
11	5296	212	294	5802	299	4413	0	657	8123	8273	-1344	18100	0	18100	2959	21059	49.95
12	5284	320	281	5885	364	4567	0	762	8356	8348	-1400	18526	0	18526	3059	21585	49.97
13	5273	193	288	5754	369	4739	0	744	8407	8389	-1294	18701	0	18701	3047	21748	49.99
14	5076	94	280	5450	363	4835	0	688	8335	8513	-1313	18536	0	18536	2931	21467	50.00
15	5050	239	278	5567	345	4799	0	602	8308	8264	-1373	18204	0	18204	2982	21186	49.90
16	4982	772	286	6040	327	4817	0	468	8127	8194	-1381	18465	0	18465	3039	21504	49.91
17	4954	314	278	5546	274	4832	0	285	7998	8097	-1350	17684	0	17684	3018	20702	49.97
18	4876	409	277	5562	195	4863	0	98	7456	7558	-1259	17017	0	17017	2959	19976	49.91
19	4980	1284	276	6540	218	4902	0	5	6545	6644	-1171	17138	0	17138	2976	20114	49.79
20	4940	1656	290	6886	380	4934	0	0	6426	6653	-1206	17647	0	17647	3009	20656	49.92
21	4936	1210	282	6428	383	4943	0	0	5995	6195	-1200	16749	0	16749	2907	19656	49.97
22	4977	1330	296	6603	295	4938	0	0	5792	5961	-1218	16579	0	16579	2800	19379	49.98
23	4836	1454	286	6576	320	4944	0	0	5855	6077	-1223	16694	0	16694	2748	19442	49.93
24	4836	1579	297	6712	254	4954	0	0	5876	6100	-1202	16818	0	16818	2710	19528	49.94
MUs	121.52	13.97	6.98	142.47	6.35	111.27	0.00	5.49	174.65	176.88	-26.23	416.22	0.00	416.22	63.36	479.59	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 29/Sep/2018

Position as on 6.30 Hrs of 30/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	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	Khaparkheda Unit 2	210	10/09/2018	02.35	29/09/2018	23.43	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	
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	
IPP	JSW (J) U2	300	27/09/2018	05.05	29/09/2018	09.29	C.W.Duct 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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	29/09/2018	10.38	29/09/2018	16.17	PO	Replacement of 400 KV CVT
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
Koradi Bhilai	InterState	28/09/2018	10.20	29/09/2018	02.16	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	28/09/2018	18.15	29/09/2018	05.16	HT	Over Voltage
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		Continued.	HT	Over Voltage
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	28/09/2018	18.42	29/09/2018	06.03	HT	Over Voltage
Deepnagar Taptitanda	IntraState	29/09/2018	06.58	29/09/2018	13.00	PO	Replacement of Dead end and Mid Span Joint
Koradi-Khaperkheda li	IntraState	29/09/2018	10.24	29/09/2018	16.58	PO	To attend Discrepancies observed newly erected Towers
Padghe - Nagothane - II	IntraState	29/09/2018	12.08	29/09/2018	19.32	T	DISTANCE PROTECTION B-PHASE EARTH FAULT DIS. 6.1 KM.
Bhusawal-Aurangabad	IntraState	29/09/2018	19.09	30/09/2018	09.00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/09/2018	19.10		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
400/220 kV 500MVA ICT-I @ Alkud	IntraState	29/09/2018	15.10	29/09/2018	17.21	PO	Testing Work
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
Loteparshuram- Dasturi Line	IntraState	28/09/2018	14.25	29/09/2018	12.40	T	Distance Protection, Z-1, B PH, 2.17km. 7.5ka.
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		Continued.	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
Pophali - Nerale	IntraState	29/09/2018	00.45	29/09/2018	09.45	T	Distance Protection
Pophali - Kdph	IntraState	29/09/2018	01.00	29/09/2018	09.15	T	Distance Protection
Pandarpur-Khanapur	IntraState	29/09/2018	09.15	29/09/2018	17.30	PO	Cold washing of Insulator
ALEPHATA UTECH SUGAR	IntraState	29/09/2018	10.04	29/09/2018	18.09	PO	Replacement of Flashover Insulator
Shirsuphal-Bhigwan	IntraState	29/09/2018	10.07	29/09/2018	18.40	PO	jumper Tightening for Cut point

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 29/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							locations
Chinchwad-Hinjewadi I	IntraState	29/09/2018	10.17	29/09/2018	14.40	PO	Retrofitting of Distance Relay
Bableshwar -Ahamadnagar-I	IntraState	29/09/2018	10.42	29/09/2018	21.18	PO	Replacement of High Tan Delta CT
Kandalgaon - Sona Alloys	IntraState	29/09/2018	15.40	29/09/2018	20.30	PO	Line Maintenance work
Talandge-Mudshingi Ckt-I	IntraState	29/09/2018	15.45	29/09/2018	16.40	T	Distance Protection
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 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.
220 KV ICT Outages/Trippings							
220/132 Kv Ict 1 200 Mva @Parbhani	IntraState	25/09/2018	11.52	29/09/2018	22.44	PO	Repairing / Servicing Of Intank OLTC.
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/09/2018	09.29		Continued.	PO	Control & Relay Panel Replacement Work.
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	28/09/2018	19.41	29/09/2018	12.34	T	Differential protection, B PH,LV-CT Faulty.
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-li (Mudshingi)	IntraState	29/09/2018	10.20	29/09/2018	17.40	PO	Testing 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