

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Sep/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.494	1545.350	1) Gujrat	0.211	24.871
2) Hydro	25.843	222.501	2) Madhya Pradesh	17.320	239.673
3) Gas	6.566	45.678	3) Chattisgarh	5.540	76.260
Total MSPGCL	145.903	1813.529	4) Maharashtra Net	137.259	1803.838
B) 1) APML	57.346	795.237	5) Goa (Amona)	-0.176	-5.764
2) JSWEL	27.020	269.702	Total	160.154	2138.878
3) VIPL	14.836	217.067	a) Mumbai Schedule	21.348	339.217
4) RPL(AMT)	31.313	438.538	b) Mumbai Drawl	20.471	339.684
5) WPCL	4.649	49.383	c) MSEDCL Bilateral *	70.667	634.304
6) PGPL	0.000	0.000	Include PX	49.132	316.844
7) Other IPP	6.664	99.612	d) Mumbai Bilateral *	21.348	339.217
C) 1) TPCL Thermal	16.922	229.231	Include PX	-1.191	27.454
2) TPCL Hydro	4.932	69.784	Include Standby	0.000	0.000
3) TPCL Gas	4.370	65.064	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.003	164.526	1) MSEDCL	442.942	5920.552
D) STATE			2) Mumbai Discoms	58.698	868.284
1) Thermal	284.247	3808.646	TOTAL STATE	501.640	6788.836
(A1+C1+C4+(B1-B6))					
2) Hydro	30.775	292.285			
(A2+C2)					
3) Gas	10.936	110.742			
(A3+B6+C3)					
4) Wind	10.734	362.529			
6) SOLAR	4.794	75.761			
TOTAL STATE	341.486	4649.963			

* 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	4684	4679	5066	4471
MSPGCL Hydro	1701	1644	1264	966
MSPGCL Gas	292	303	305	193
MSPGCL Total Generation	6677	6626	6635	5630
Central Sector Receipt	8239	8152	4942	5740
WIND	115	107	1128	527
CPP / IPP Thermal	5864	5864	6000	5777
CPP / IPP Gas	0	0	0	0
SOLAR	628	632	0	0
Exchange with Mumbai	-1193	-1188	-904	-536
MSEDCL DEMAND MET	20330	20193	17801	17138
Load Shedding	0	0	0	0
MSEDCL DEMAND	20330	20193	17801	17138
TPCL GENERATION	1260	1211	1357	880
R-INFRA GENERATION	500	498	501	500
MUMBAI DEMAND	2953	2897	2762	1916
STATE DEMAND MET	23283	23090	20563	19054
STATE DEMAND	23283	23090	20563	19054
Frequency (Hz)	49.87	49.92	49.88	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 07.01 Hrs	49.6 Hz at 18.38 Hrs	49.9	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 15/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	8.20	105.72	417	260
Unit 9	0.00	38.80	0	0
Unit 10	7.24	74.01	355	231
Total	15.43	218.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	3.80	3.80	405	0
Unit 5	10.38	150.85	450	410
Total	14.18	154.64		
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	4.24	78.87	198	155
Unit 8	4.03	76.44	175	146
Total	8.27	169.63		
Chandrapur				
Unit 3	4.12	58.31	180	157
Unit 4	4.05	59.01	179	150
Unit 5	9.94	69.79	455	345
Unit 6	0.00	114.65	0	0
Unit 7	9.79	49.05	434	375
Unit 8	10.45	83.18	474	394
Unit 9	8.90	128.26	439	317
Total	47.24	562.24		
Paras				
Unit 3	0.21	59.46	213	0
Unit 4	5.69	67.38	250	200
Total	5.90	126.84		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	27.37	0	0
Unit 3	3.59	55.03	156	143
Unit 4	3.31	20.15	142	130
Unit 5	7.55	128.27	357	300
Total	14.45	230.83		
Nasik				
Unit 3	4.00	62.52	174	157
Unit 4	4.03	13.83	177	154
Unit 5	0.00	6.13	0	0
Total	8.03	82.48		
Uran				
All Units	6.57	45.68	310	162
Total	6.57	45.68		
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)	0.15	1.17	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	1.17		
Koyna				
Stage 1-2	5.34	54.46	500	40
Stage 4	14.76	94.61	1000	0
Stage 3	4.67	34.53	240	120
Total	24.77	183.59		
Hydro				
KDPH	0.22	7.46	18	0
VTRNA	0.13	5.12	60	0
TILLARI	0.00	5.98	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.16	77	0
RNGR+BHTSA	0.34	3.84	14	13
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	6.26	12	1
GHATGHAR	0.00	2.53	0	0
Total	1.08	38.91		
Wind				
Total	10.73	362.53	0	0
Total	10.73	362.53		
CPP				
APML(Mus)	57.35	795.24	0	0
JSWEL(Mus)	27.02	269.70	0	0
VIPL(Mus)	14.84	217.07	0	0
RPLAMT(Mus)	31.31	438.54	0	0
WPCL(Mus)	4.65	49.38	0	0
Other(Mus)	6.66	99.61	0	0
Total	141.83	1869.54		
SOLAR				
Total	4.79	75.76	0	0
Total	4.79	75.76		
Tata				
Trombay 5	11.30	150.93	480	464
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	41.09	116	114
Trombay 7B	1.61	23.97	68	66
Trombay 8	5.62	78.30	243	215
TATA Hydro	4.93	69.78	459	0
Total	26.22	364.08		
R-INFRA				
DTPS U-1&2	12.00	164.53	503	498
Total	12.00	164.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.49	1545.35	MSPGCL Total	145.90	1813.53
			MSPGCL Thml+Gas	120.06	1591.03	Koyna 1,2 & 4 Total	20.10	149.06
			MSPGCL Hydro	25.84	222.50	State Total	341.49	4649.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4748	765	162	5675	633	5952	0	0	6058	5834	-787	17307	0	17307	2194	19501	49.90
2	4547	996	173	5716	543	5870	0	0	5856	5856	-634	17351	0	17351	2024	19375	49.89
3	4471	966	193	5630	527	5777	0	0	5893	5740	-536	17138	0	17138	1916	19054	49.91
4	4468	846	197	5511	483	5776	0	0	5980	5910	-484	17196	0	17196	1858	19054	49.97
5	4452	871	178	5501	434	5769	0	0	6098	6261	-460	17505	0	17505	1838	19343	49.94
6	4464	961	241	5666	355	5917	0	0	6782	6975	-519	18394	0	18394	1908	20302	49.95
7	4437	1369	300	6106	295	5979	0	24	7645	7912	-573	19743	0	19743	1960	21703	49.95
8	4511	1645	310	6466	183	5964	0	196	7701	7566	-700	19675	0	19675	2087	21762	50.02
9	4552	1046	307	5905	84	5923	0	399	7835	7998	-913	19396	0	19396	2338	21734	49.98
10	4463	1248	297	6008	124	5913	0	621	7839	8104	-1082	19688	0	19688	2663	22351	49.93
11	4507	1558	302	6367	112	5776	0	635	8019	7791	-1196	19485	0	19485	2884	22369	49.87
12	4684	1701	292	6677	115	5864	0	628	8203	8239	-1193	20330	0	20330	2953	23283	49.87
13	4679	1644	303	6626	107	5864	0	632	8163	8152	-1188	20193	0	20193	2897	23090	49.92
14	4759	1344	291	6394	166	5908	0	611	8011	8210	-1121	20168	0	20168	2761	22929	49.95
15	4869	1225	301	6395	264	5929	0	393	8018	8195	-1137	20039	0	20039	2789	22828	49.87
16	4902	1218	291	6411	358	5857	0	341	7972	7877	-1116	19728	0	19728	2793	22521	49.89
17	4795	1217	303	6315	451	5889	0	231	7574	7605	-1083	19408	0	19408	2756	22164	49.92
18	4829	804	293	5926	690	5895	0	82	6731	6460	-1034	18019	0	18019	2697	20716	49.83
19	5001	914	305	6220	829	5987	0	1	5308	5071	-903	17205	0	17205	2707	19912	49.80
20	5066	1264	305	6635	1128	6000	0	0	4918	4942	-904	17801	0	17801	2762	20563	49.88
21	5106	395	308	5809	852	6010	0	0	4734	4734	-840	16565	0	16565	2668	19233	49.92
22	5157	383	298	5838	714	6001	0	0	4703	4939	-698	16794	0	16794	2516	19310	49.91
23	5052	660	308	6020	660	5991	0	0	4632	4764	-614	16821	0	16821	2405	19226	49.80
24	4975	803	308	6086	627	6015	0	0	4989	5019	-756	16991	0	16991	2324	19315	49.82
MUs	113.49	25.84	6.57	145.90	10.73	141.83	0.00	4.79	159.66	160.15	-20.47	442.94	0.00	442.94	58.70	501.64	49.90

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 15/Sep/2018

Position as on 6.30 Hrs of 16/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02	15/09/2018	10.29	Capital Overhaul	
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	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	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06	15/09/2018	02.12	Generator protection	
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		Continued.	Clinker Removed	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 16/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	14/09/2018	16.45	15/09/2018	10.32	HT	for charging.
Dhule Sar'Sarovar II	InterState	15/09/2018	18.04	16/09/2018	11.41	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	16/09/2018	01.19	16/09/2018	18.01	T	Distance Protection
Dhule Sar'Sarovar I	InterState	16/09/2018	17.10		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	14/09/2018	20.07	15/09/2018	05.59	HT	Over Voltage
karad -kolhapur-II	IntraState	15/09/2018	14.43	15/09/2018	18.34	T	Distance Protection
Bhusawal-Aurangabad	IntraState	15/09/2018	18.07	16/09/2018	06.04	HT	Over Voltage
karad -kolhapur-II	IntraState	16/09/2018	03.51	16/09/2018	14.47	T	Distance Protection
Padghe - Kalwa- I	IntraState	16/09/2018	16.40	16/09/2018	20.51	EO	Outer String Decapping at Loc.1040
Bhusawal-Aurangabad	IntraState	16/09/2018	18.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 105MVASpare ICT@Akola	IntraState	15/09/2018	10.40	15/09/2018	15.20	PO	DCRM Of Breaker.
400/220kv 315 Mva ICT I @Karad	IntraState	15/09/2018	14.21	15/09/2018	16.27	T	Buccholz Protection Optd
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	16/09/2018	18.00	16/09/2018	19.28	PO	C.B.Pressure Problem
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
Dhule-Chalisagaon	IntraState	15/09/2018	06.11	15/09/2018	08.07	HT	Over Voltage
Mahindra Vehicle-Bridgestone	IntraState	15/09/2018	08.48	15/09/2018	18.30	PO	Stringing -Construction work
Hingoli- Girawali	IntraState	15/09/2018	09.40	15/09/2018	15.37	PO	CB Testing Measurement Of Tan Delta Of CT.
Trombay MSETCL Tie 2	IntraState	15/09/2018	11.28	15/09/2018	16.57	EO	To attend Hot Spot
Padegaon-Sawangi	IntraState	15/09/2018	11.38	15/09/2018	15.33	EO	Hot Spot On 29 D B Ph CT Line Side.
Washala - Ghatghar	IntraState	15/09/2018	13.25	15/09/2018	17.42	PO	Testing Work
Karad(400kv) - Ogalewadi Ckt 1	IntraState	15/09/2018	14.21	15/09/2018	16.40	T	Distance Protection
Wpcl-Warora 1	IntraState	15/09/2018	14.23	15/09/2018	16.17	EO	Attending Hot Spot
karad - Dasgaon	IntraState	15/09/2018	14.38	15/09/2018	15.10	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/09/2018	18.38	15/09/2018	18.48	PO	LIS Reconnection Purpose
Kathapur-Ranjangaon	IntraState	15/09/2018	19.40	15/09/2018	21.17	PO	Decapping Loc.No.286 B Phase

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 15/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 16/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nandedcity-Parvati	IntraState	16/09/2018	07.56	16/09/2018	12.20	T	Distance Protection
Mahindra Vehicle-Bridgestone	IntraState	16/09/2018	08.47	16/09/2018	17.43	PO	Stringing-Construction work
Salsette - Sahara	IntraState	16/09/2018	10.40	16/09/2018	13.40	EO	To attend Hot Spot
GIS KONDHWA NANDED CITY	IntraState	16/09/2018	14.55	16/09/2018	18.28	EO	Insulator String replacement
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	15/09/2018	10.23	15/09/2018	23.59	PO	Routine Maintenance Work
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	15/09/2018	13.35	15/09/2018	19.52	PO	Line Isolator Alignment Work.
132 KV LINE Outages/Trippings							
Gondia-Amgaon 1	IntraState	14/09/2018	23.18	15/09/2018	00.10	T	Amgaon CKT Y PH CT Caught Fire.
Kaulewada-Gondia-I	IntraState	14/09/2018	23.18	15/09/2018	00.10	T	At Amgaon Y PH CT Burst And Caught Fire.
Kaulewada-Gondia-Ii	IntraState	14/09/2018	23.18	15/09/2018	00.11	T	At Amgaon Y PH CT Burst And Caught Fire.
Gondia-Amgaon Ii	IntraState	14/09/2018	23.18	15/09/2018	00.10	T	Amgaon CKT Y PH CT Burst And Caught Fire.
Elichpur - Hingoli	IntraState	15/09/2018	06.35	15/09/2018	10.40	T	Nanded Waghala O/L Problem.
Brahmapuri - Aa Energy	IntraState	15/09/2018	12.25	15/09/2018	12.35	T	Breaker Tripped At AA Energy End On Under Voltage Trip Indication.
Brahmapuri - Aa Energy	IntraState	15/09/2018	15.40	15/09/2018	15.55	T	Breaker Tripped At AA Energy End Only On Under Voltage Trip Indication.
Amravati-Achalpur	IntraState	16/09/2018	13.08	16/09/2018	16.20	T	Distance Protection

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