

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Nov/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.142	1695.598	1) Gujrat	-0.446	-24.010
2) Hydro	3.458	74.901	2) Madhya Pradesh	6.531	143.366
3) Gas	7.256	80.269	3) Chattisgarh	6.150	90.090
Total MSPGCL	142.856	1850.768	4) Maharashtra Net	135.878	1686.192
B) 1) APML	68.405	844.607	5) Goa (Amona)	-0.462	-6.006
2) JSWEL	24.641	331.975	Total	147.651	1889.632
3) VIPL	5.044	71.147	a) Mumbai Schedule	19.780	286.685
4) RPL(AMT)	5.070	72.920	b) Mumbai Drawl	30.140	372.649
5) WPCL	4.480	64.233	c) MSEDCL Bilateral *	47.026	659.506
6) PGPL	0.000	0.000	Include PX	13.971	196.536
7) Other IPP	14.407	162.980	d) Mumbai Bilateral *	19.780	276.132
C) 1) TPCL Thermal	12.368	177.238	Include PX	5.368	75.705
2) TPCL Hydro	3.591	41.099	Include Standby	0.000	10.553
3) TPCL Gas	4.402	56.430	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.413	126.031	1) MSEDCL	392.568	5072.725
D) STATE			2) Mumbai Discoms	59.914	773.451
1) Thermal	275.970	3546.729	TOTAL STATE	452.482	5846.176
(A1+C1+C4+(B1-B6))					
2) Hydro	7.049	116.000			
(A2+C2)					
3) Gas	11.658	136.699			
(A3+B6+C3)					
4) Wind	4.296	85.337			
6) SOLAR	5.858	71.775			
TOTAL STATE	304.831	3956.540			

* 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 2 Hrs
MSPGCL Thermal	5757	5780	5795	5129
MSPGCL Hydro	219	196	216	96
MSPGCL Gas	297	283	291	310
MSPGCL Total Generation	6273	6259	6302	5535
Central Sector Receipt	7990	7791	5568	4854
WIND	160	160	193	253
CPP / IPP Thermal	5471	5460	5566	4501
CPP / IPP Gas	0	0	0	0
SOLAR	851	838	1	0
Exchange with Mumbai	-1633	-1654	-1453	-1001
MSEDCL DEMAND MET	19112	18854	16177	14142
Load Shedding	0	0	0	0
MSEDCL DEMAND	19112	18854	16177	14142
TPCL GENERATION	966	965	1028	698
R-INFRA GENERATION	425	376	375	379
MUMBAI DEMAND	3024	2995	2856	2078
STATE DEMAND MET	22136	21849	19033	16220
STATE DEMAND	22136	21849	19033	16220
Frequency (Hz)	50.00	49.98	50.02	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.78 Hz at 17.12 Hrs	49.97	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 13/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	2.82	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.70	97.67	352	280
Unit 9	7.92	105.86	358	296
Unit 10	7.85	103.74	352	300
Total	23.47	310.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.04	112.19	360	325
Unit 5	8.08	111.01	360	325
Total	16.12	223.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.94	58.56	250	185
Unit 7	0.00	0.00	0	0
Unit 8	4.75	61.40	238	181
Total	9.69	119.96		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.52	121.37	435	355
Unit 6	9.52	125.74	440	348
Unit 7	8.94	122.10	410	352
Unit 8	9.85	125.32	450	360
Unit 9	9.80	128.91	450	360
Total	47.63	623.44		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.24	64.82	250	190
Total	5.24	64.82		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.08	51.49	185	160
Unit 3	4.19	53.84	200	160
Unit 4	4.18	53.95	206	160
Unit 5	10.02	95.80	475	375
Total	22.47	255.08		
Nasik				
Unit 3	3.71	48.42	159	153
Unit 4	3.82	50.59	165	154
Unit 5	0.00	0.00	0	0
Total	7.53	99.01		
Uran				
All Units	7.26	80.27	324	282
Total	7.26	80.27		
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)	0.07	1.38	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.38		
Koyna				
Stage 1-2	1.20	22.44	190	40
Stage 4	0.00	12.28	0	0
Stage 3	0.25	7.66	80	0
Total	1.46	42.37		
Hydro				
KDPH	0.43	8.42	18	18
VTRNA	0.42	5.70	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.07	43	0
RNGR+BHTSA	0.40	5.06	17	16
BHANDARDRA	0.28	3.89	12	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	3.15	10	9
GHATGHAR	0.16	4.25	110	0
Total	2.00	32.53		
Wind				
Total	4.30	85.34	0	0
Total	4.30	85.34		
CPP				
APML(Mus)	68.40	844.61	0	0
JSWEL(Mus)	24.64	331.98	0	0
VIPL(Mus)	5.04	71.15	0	0
RPLAMT(Mus)	5.07	72.92	0	0
WPCL(Mus)	4.48	64.23	0	0
Other(Mus)	14.41	162.98	0	0
Total	122.05	1547.86		
SOLAR				
Total	5.86	71.78	0	0
Total	5.86	71.78		
Tata				
Trombay 5	7.47	111.03	314	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	35.87	118	116
Trombay 7B	1.60	20.56	67	66
Trombay 8	4.90	66.21	224	201
TATA Hydro	3.59	41.10	408	31
Total	20.36	274.77		
R-INFRA				
DTPS U-1&2	9.41	126.03	502	328
Total	9.41	126.03		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.14	1695.60	MSPGCL Total	142.86	1850.77
			MSPGCL Thml+Gas	139.40	1775.87	Koyna 1,2 & 4 Total	1.20	34.71
			MSPGCL Hydro	3.46	74.90	State Total	304.83	3956.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Nov/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	5215	96	310	5621	275	4492	0	0	4955	4956	-1239	14105	0	14105	2260	16365	49.97
2	5129	96	310	5535	253	4501	0	0	4744	4854	-1001	14142	0	14142	2078	16220	49.95
3	5125	96	310	5531	284	4758	0	0	4750	5097	-877	14793	0	14793	1952	16745	49.95
4	5135	101	312	5548	232	4871	0	0	4962	5014	-794	14871	0	14871	1869	16740	50.02
5	5314	96	313	5723	224	4881	0	0	5289	5416	-758	15486	0	15486	1834	17320	49.98
6	5607	101	314	6022	202	5168	0	0	5694	5630	-818	16204	0	16204	1892	18096	49.98
7	5656	97	324	6077	214	5333	0	15	6160	6096	-900	16835	0	16835	1970	18805	49.97
8	5735	107	314	6156	190	5403	0	154	6090	6462	-977	17388	0	17388	2097	19485	49.97
9	5794	235	313	6342	164	5500	0	390	6338	6247	-1089	17554	0	17554	2382	19936	50.02
10	5792	237	307	6336	163	5511	0	608	6834	6930	-1340	18208	0	18208	2702	20910	49.96
11	5763	237	291	6291	155	5502	0	751	7764	7569	-1526	18742	0	18742	2949	21691	49.98
12	5757	219	297	6273	160	5471	0	851	8262	7990	-1633	19112	0	19112	3024	22136	50.00
13	5780	196	283	6259	160	5460	0	838	7821	7791	-1654	18854	0	18854	2995	21849	49.98
14	5615	161	282	6058	159	5255	0	789	7566	7531	-1560	18232	0	18232	2898	21130	49.96
15	5482	156	292	5930	136	4893	0	683	7909	8216	-1501	18357	0	18357	2933	21290	49.91
16	5446	106	284	5836	91	4823	0	481	7769	7396	-1552	17075	0	17075	2933	20008	49.97
17	5347	126	284	5757	128	4889	0	239	6882	7052	-1419	16646	0	16646	2902	19548	49.93
18	5607	293	295	6195	195	5090	0	58	5928	5942	-1326	16154	0	16154	2803	18957	49.91
19	5795	216	291	6302	193	5566	0	1	5821	5568	-1453	16177	0	16177	2856	19033	50.02
20	5732	101	304	6137	127	5382	0	0	6129	5514	-1437	15723	0	15723	2765	18488	50.02
21	5409	95	304	5808	110	5094	0	0	5588	5398	-1421	14989	0	14989	2619	17608	49.95
22	5310	100	305	5715	110	4865	0	0	5357	5088	-1333	14445	0	14445	2496	16941	49.99
23	5287	95	309	5691	155	4802	0	0	5122	4902	-1295	14255	0	14255	2397	16652	50.00
24	5310	95	308	5713	216	4539	0	0	5163	4992	-1237	14223	0	14223	2308	16531	49.97
MUs	132.14	3.46	7.26	142.86	4.30	122.05	0.00	5.86	148.90	147.65	-30.14	392.57	0.00	392.57	59.91	452.48	49.97

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 13/Nov/2018

Position as on 6.30 Hrs of 14/Nov/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual 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.	
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	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	Khaparkhedda 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	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 3	210	06/10/2018	0.45		Continued.	Poor Coal Receipt	
IPP	VIPL U-1	300	17/10/2018	12.30		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Chandrapur Unit 4	210	04/11/2018	18.45		Continued.	Poor Coal Receipt	
MSPGCL	Koradi Unit 6	210	11/11/2018	19.58		Continued.	Unit Auxiliary Transformer Bus Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 14/Nov/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	12/11/2018	08.39	13/11/2018	06.01	PO	Routine Maintenance Work
Dhule Khandwa I	InterState	13/11/2018	12.00		Continued.	T	DT Received from Khandwa end.Line tripped from Dhule end only.(RFC 21.25Hrs)
Dhule Sar'Sarovar II	InterState	13/11/2018	21.57		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42	13/11/2018	20.48	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Akola - Bhusawal	IntraState	10/11/2018	13.38	13/11/2018	00.27	T	Due To Fire On Reactor At Bhusawal.
Koradi-Bhusawal	IntraState	10/11/2018	13.38		Continued.	T	Due To Fire On Reactor At Bhusawal.
Babhaleshwar - Bhusawal II	IntraState	10/11/2018	13.38	13/11/2018	22.48	T	Due To Fire On Reactor At Bhusawal.
Khadka-Aurangabad (Waluj)	IntraState	10/11/2018	13:38		Continued.	T	Bus Reactor caught Fire and Control Cable Burnt.
Kala Kudus Ckt-I	IntraState	12/11/2018	10.44		Continued.	PO	Bus Bar integration of ICT-3
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	13/11/2018	13.36	13/11/2018	15.25	T	Distance Protection Zone 1, Y phase
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	12/11/2018	18.00		Continued.	PO	shifted on TBC
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	12/11/2018	18.48		Continued.	HT	Emergency Hand Tripped due to heavy oil leakage & high tan delta value
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	13/11/2018	09.39	13/11/2018	19.25	EO	H/T for attending Low Oil level Indication on R Phase Unit
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.
Nasik Navsari II	InterState	14/11/2018	05.40	14/11/2018	06.21	T	Distance 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.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Mahad-Kandalgaon	IntraState	13/11/2018	09.25	13/11/2018	21.25	PO	Cold washing of Disc Insulator
Uran - Kharghar 2	IntraState	13/11/2018	10.31		Continued.	PO	New Inline Tower Erection work
Uran - Jnpt	IntraState	13/11/2018	11.04	13/11/2018	15.54	PO	Jumper work
OSMANABAD PARANDA	IntraState	13/11/2018	11.30	13/11/2018	13.55	PO	CT Leakage of 220KV R Phase CT
Kharghar-Borivali ckt I	IntraState	13/11/2018	17.32		Continued.	T	Distance Protection,R&Y phase, Zone 1
Kalwa - Borivali	IntraState	13/11/2018	17.32		Continued.	T	Distance Protection,R&Y phase,Zone 1
Kandalgaon - ONGC Panvel	IntraState	13/11/2018	17.40		Continued.	T	Distance Protection R Phase CT Burst at Kandalgaon end
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	13/11/2018	18.23	13/11/2018	19.30	EO	To attend Hot Spot
Trombay - Kalwa	IntraState	13/11/2018	20.31	13/11/2018	20.47	T	Tripped on D/P (Trombay end only)B Phase Zone 1

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