

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Nov/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.816	1831.414	1) Gujrat	0.074	-23.936
2) Hydro	3.598	78.499	2) Madhya Pradesh	7.186	150.552
3) Gas	7.229	87.498	3) Chattisgarh	6.160	96.250
Total MSPGCL	146.643	1997.411	4) Maharashtra Net	126.439	1812.631
B) 1) APML	71.062	915.669	5) Goa (Amona)	-0.396	-6.402
2) JSWEL	25.122	357.097	Total	139.463	2029.095
3) VIPL	5.574	76.721	a) Mumbai Schedule	18.997	305.681
4) RPL(AMT)	5.776	78.696	b) Mumbai Drawl	28.144	400.793
5) WPCL	4.532	68.765	c) MSEDCL Bilateral *	38.342	697.848
6) PGPL	0.000	0.000	Include PX	8.353	204.889
7) Other IPP	14.556	177.536	d) Mumbai Bilateral *	18.997	295.129
C) 1) TPCL Thermal	13.154	190.392	Include PX	3.615	79.320
2) TPCL Hydro	4.443	45.542	Include Standby	0.000	10.553
3) TPCL Gas	4.404	60.834	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.748	135.779	1) MSEDCL	394.711	5467.436
D) STATE			2) Mumbai Discoms	59.891	833.342
1) Thermal	285.340	3832.069	TOTAL STATE	454.602	6300.778
(A1+C1+C4+(B1-B6))					
2) Hydro	8.041	124.041			
(A2+C2)					
3) Gas	11.633	148.332			
(A3+B6+C3)					
4) Wind	4.473	89.810			
6) SOLAR	5.654	77.429			
TOTAL STATE	315.141	4271.681			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5865	5878	5663	5372
MSPGCL Hydro	250	172	251	103
MSPGCL Gas	300	293	299	308
MSPGCL Total Generation	6415	6343	6213	5783
Central Sector Receipt	7251	7176	5841	4695
WIND	190	218	167	239
CPP / IPP Thermal	5675	5507	5447	4502
CPP / IPP Gas	0	0	0	0
SOLAR	767	868	0	0
Exchange with Mumbai	-1298	-1545	-1380	-1091
MSEDCL DEMAND MET	19000	18567	16288	14128
Load Shedding	0	0	0	0
MSEDCL DEMAND	19000	18567	16288	14128
TPCL GENERATION	1165	1054	1176	696
R-INFRA GENERATION	503	420	373	372
MUMBAI DEMAND	2966	3019	2929	2159
STATE DEMAND MET	21966	21586	19217	16287
STATE DEMAND	21966	21586	19217	16287
Frequency (Hz)	49.95	49.95	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.02 Hrs	49.72 Hz at 17.54 Hrs	49.96	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 14/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	7.98	105.65	395	279
Unit 9	8.06	113.91	401	300
Unit 10	7.74	111.49	351	299
Total	23.78	333.87		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.27	120.46	355	325
Unit 5	8.30	119.31	360	325
Total	16.57	239.77		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.25	63.81	245	174
Unit 7	0.00	0.00	0	0
Unit 8	5.34	66.74	248	187
Total	10.60	130.55		
Chandrapur				
Unit 3	0.24	0.24	125	0
Unit 4	0.00	0.00	0	0
Unit 5	9.62	130.99	435	355
Unit 6	9.24	134.98	400	350
Unit 7	9.50	131.60	436	362
Unit 8	9.90	135.22	440	360
Unit 9	9.97	138.88	450	360
Total	48.48	671.91		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.53	70.35	255	190
Total	5.53	70.35		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.15	55.64	185	160
Unit 3	4.26	58.10	196	160
Unit 4	4.45	58.40	207	160
Unit 5	10.46	106.27	490	370
Total	23.32	278.40		
Nasik				
Unit 3	3.71	52.13	159	152
Unit 4	3.83	54.42	166	156
Unit 5	0.00	0.00	0	0
Total	7.54	106.55		
Uran				
All Units	7.23	87.50	313	282
Total	7.23	87.50		
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)	0.03	1.41	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	1.41		
Koyna				
Stage 1-2	1.09	23.52	95	40
Stage 4	0.00	12.28	0	0
Stage 3	0.25	7.90	80	0
Total	1.34	43.71		
Hydro				
KDPH	0.44	8.87	19	18
VTRNA	0.50	6.20	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.27	63	0
RNGR+BHTSA	0.40	5.46	17	16
BHANDARDRA	0.28	4.17	12	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	3.39	19	8
GHATGHAR	0.19	4.44	125	0
Total	2.26	34.79		
Wind				
Total	4.47	89.81	0	0
Total	4.47	89.81		
CPP				
APML(Mus)	71.06	915.67	0	0
JSWEL(Mus)	25.12	357.10	0	0
VIPL(Mus)	5.57	76.72	0	0
RPLAMT(Mus)	5.78	78.70	0	0
WPCL(Mus)	4.53	68.76	0	0
Other(Mus)	14.56	177.54	0	0
Total	126.62	1674.48		
SOLAR				
Total	5.65	77.43	0	0
Total	5.65	77.43		
Tata				
Trombay 5	8.26	119.30	473	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	38.68	117	116
Trombay 7B	1.60	22.15	67	66
Trombay 8	4.89	71.10	218	201
TATA Hydro	4.44	45.54	459	0
Total	22.00	296.77		
R-INFRA				
DTPS U-1&2	9.75	135.78	504	371
Total	9.75	135.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.82	1831.41	MSPGCL Total	146.64	1997.41
			MSPGCL Thml+Gas	143.04	1918.91	Koyna 1,2 & 4 Total	1.09	35.80
			MSPGCL Hydro	3.60	78.50	State Total	315.14	4271.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5372	103	308	5783	239	4502	0	0	4975	4695	-1091	14128	0	14128	2159	16287	49.94
2	5370	93	310	5773	265	4502	0	0	4863	4781	-928	14393	0	14393	1991	16384	49.94
3	5323	93	310	5726	257	4665	0	0	4938	4923	-807	14764	0	14764	1875	16639	49.94
4	5289	93	311	5693	235	4861	0	0	5022	5003	-744	15048	0	15048	1810	16858	49.99
5	5549	93	313	5955	204	5025	0	0	5111	4984	-715	15453	0	15453	1782	17235	50.00
6	5889	99	313	6301	226	5427	0	0	5193	5031	-764	16221	0	16221	1830	18051	49.98
7	5919	94	312	6325	182	5494	0	15	5748	5609	-761	16864	0	16864	1925	18789	49.96
8	5774	175	313	6262	146	5642	0	147	6013	5983	-759	17421	0	17421	2101	19522	49.97
9	5883	213	312	6408	159	5697	0	427	6310	6456	-901	18246	0	18246	2391	20637	49.99
10	5877	185	305	6367	292	5686	0	612	6676	6833	-1137	18653	0	18653	2728	21381	49.92
11	5865	250	300	6415	190	5675	0	767	7507	7251	-1298	19000	0	19000	2966	21966	49.95
12	5838	205	287	6330	205	5659	0	845	7824	7186	-1374	18851	0	18851	3050	21901	49.96
13	5878	172	293	6343	218	5507	0	868	7373	7176	-1545	18567	0	18567	3019	21586	49.95
14	5861	165	284	6310	110	5485	0	707	6988	6958	-1522	18048	0	18048	2926	20974	50.01
15	5910	161	282	6353	54	5511	0	614	7161	7020	-1536	18016	0	18016	2954	20970	49.91
16	5895	156	294	6345	96	5502	0	429	6528	6438	-1474	17336	0	17336	2971	20307	49.93
17	5855	151	285	6291	113	5486	0	198	5800	5954	-1405	16637	0	16637	2940	19577	49.89
18	5695	116	297	6108	173	5484	0	25	5666	5563	-1360	15993	0	15993	2899	18892	49.89
19	5663	251	299	6213	167	5447	0	0	5604	5841	-1380	16288	0	16288	2929	19217	49.95
20	5680	336	291	6307	134	5481	0	0	5640	5703	-1356	16269	0	16269	2828	19097	50.00
21	5549	96	303	5948	152	5393	0	0	5438	5228	-1381	15340	0	15340	2630	17970	49.98
22	5340	96	305	5741	155	4953	0	0	5313	4986	-1377	14458	0	14458	2495	16953	50.02
23	5243	106	296	5645	199	4820	0	0	5190	4980	-1301	14343	0	14343	2394	16737	49.99
24	5299	96	306	5701	302	4718	0	0	5036	4880	-1228	14373	0	14373	2300	16673	49.94
MUs	135.82	3.60	7.23	146.64	4.47	126.62	0.00	5.65	141.92	139.46	-28.14	394.71	0.00	394.71	59.89	454.60	49.96

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 14/Nov/2018

Position as on 6.30 Hrs of 15/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 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 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	15/11/2018	00.01	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48	14/11/2018	16.00	Condenser Tube Leakage.	
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.	
MSPGCL	Chandrapur Unit 3	210	14/11/2018	16.13	14/11/2018	20.09	HP Turbine Differential Trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 15/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 Khandwa I	InterState	13/11/2018	12.00	14/11/2018	07.27	T	DT Received from Khandwa end.Line tripped from Dhule end only.(RFC 21.25Hrs)
Dhule Sar'Sarovar I	InterState	14/11/2018	08.35	14/11/2018	15.38	PO	Signature Testing.
Dhule Khandwa II	InterState	14/11/2018	17.44	15/11/2018	05.59	PO	Taking PLCC Panel Trail.
Dhule Sar'Sarovar II	InterState	14/11/2018	21.34		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42	14/11/2018	13.28	T	Distance Protection Y-PH (Tower Collapsed)
Koradi-Bhusawal	IntraState	10/11/2018	13.38	14/11/2018	16.12	T	Bus Reactor Caught Fire And Control Cable Burnt.
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	14/11/2018	18.55	PO	Bus Bar integration of ICT-3
Alkud-Kolhapur(Talandage)	IntraState	14/11/2018	10.36	14/11/2018	18.02	PO	Routine Maintenance Work
Bableswhar- Aurangabad (Waluj)	IntraState	14/11/2018	11.57	14/11/2018	18.18	EO	Attending Hot Spot
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 Kv 500 Mva Ict 1 @Lamboti	IntraState	14/11/2018	09.40	14/11/2018	17.40	PO	Diagnostic 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.
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.
Uran - Kharghar 2	IntraState	13/11/2018	10.31		Continued.	PO	New Inline Tower Erection work
Kharghar-Borivali ckt I	IntraState	13/11/2018	17.32	14/11/2018	11.57	T	Distance Protection,R&Y phase, Zone 1
Kalwa - Borivali	IntraState	13/11/2018	17.32	14/11/2018	11.04	T	Distance Protection,R&Y phase,Zone 1
Kandalgaon - ONGC Panvel	IntraState	13/11/2018	17.40	14/11/2018	21.00	T	Distance Protection R Phase CT Burst at Kandalgaon end
Maisal-Jath I	IntraState	14/11/2018	09.05	14/11/2018	10.40	PO	Tan Delta Measurment of CTs
Amalner - Bambhori	IntraState	14/11/2018	09.53	14/11/2018	17.14	PO	Insulator Replacement Work
Butibori - Khaperkheda	IntraState	14/11/2018	10.20	14/11/2018	15.25	PO	Tan Delta Measurment of CTs
Kolshet-Roma	IntraState	14/11/2018	11.22	14/11/2018	14.15	PO	Attending Oil Leakages of ICT
Bus Coupler @ Kalwa	IntraState	14/11/2018	12.07	14/11/2018	17.44	PO	Testing Work
Vita - Mhaishal	IntraState	14/11/2018	17.00	14/11/2018	18.10	PO	Diagnostic Testing Work.
Karad - Vita Ckt- II	IntraState	14/11/2018	17.26	14/11/2018	18.27	T	Distance Protection, B PH, 4.1KM,18.9KA,Zone1/Vita-1.8KA,59.2KM Monkey Fault.
220 KV ICT Outages/Trippings							

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 14/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 15/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	14/11/2018	10.00	14/11/2018	16.04	PO	Quarterly Maintenance Work
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	14/11/2018	12.18	14/11/2018	15.03	PO	Diagnostic Testing Work.
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	14/11/2018	12.40	14/11/2018	14.15	PO	Quarterly Maintenance Work