

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.507	414.641	1) Gujrat	-3.286	-9.798
2) Hydro	14.116	21.661	2) Madhya Pradesh	13.484	43.621
3) Gas	4.030	17.250	3) Chattisgarh	7.090	20.470
Total MSPGCL	153.653	453.552	4) Maharashtra Net	142.593	413.379
B) 1) APML	65.650	200.497	5) Goa (Amona)	-0.374	-1.078
2) JSWEL	28.553	80.516	Total	159.507	466.594
3) VIPL	7.456	21.670	a) Mumbai Schedule	23.483	66.676
4) RPL(AMT)	6.516	19.432	b) Mumbai Drawl	25.236	81.161
5) WPCL	5.708	16.111	c) MSEDCL Bilateral *	56.691	169.834
6) PGPL	0.000	0.000	Include PX	18.211	59.925
7) Other IPP	13.100	35.457	d) Mumbai Bilateral *	22.917	65.736
C) 1) TPCL Thermal	16.546	48.574	Include PX	4.723	13.498
2) TPCL Hydro	6.124	15.786	Include Standby	0.566	0.940
3) TPCL Gas	4.345	12.966	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.857	34.489	1) MSEDCL	427.473	1260.024
D) STATE			2) Mumbai Discoms	64.108	192.976
1) Thermal	290.893	871.387	TOTAL STATE	491.581	1453.000
(A1+C1+C4+(B1-B6))					
2) Hydro	20.240	37.447			
(A2+C2)					
3) Gas	8.375	30.216			
(A3+B6+C3)					
4) Wind	7.830	31.485			
6) SOLAR	4.736	15.871			
TOTAL STATE	332.074	986.406			

* 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	5780	5871	5586	5761
MSPGCL Hydro	1006	924	1152	94
MSPGCL Gas	140	130	159	149
MSPGCL Total Generation	6926	6926	6898	6004
Central Sector Receipt	8124	7988	6232	5464
WIND	477	345	71	444
CPP / IPP Thermal	5364	5321	5358	5143
CPP / IPP Gas	0	0	0	0
SOLAR	629	633	0	0
Exchange with Mumbai	-1290	-1280	-1206	-953
MSEDCL DEMAND MET	20231	19933	17353	16103
Load Shedding	0	0	0	0
MSEDCL DEMAND	20231	19933	17353	16103
TPCL GENERATION	1317	1334	1335	859
R-INFRA GENERATION	503	503	500	464
MUMBAI DEMAND	3110	3117	3041	2276
STATE DEMAND MET	23341	23050	20394	18379
STATE DEMAND	23341	23050	20394	18379
Frequency (Hz)	49.89	49.95	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.02 Hrs	49.77 Hz at 10.10 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 03/Nov/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.20	24.92	350	279
Unit 9	8.92	30.11	435	300
Unit 10	8.84	27.93	430	300
Total	24.96	82.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.70	25.88	400	345
Unit 5	8.78	25.77	410	350
Total	17.49	51.65		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.10	12.73	238	0
Unit 7	0.00	0.00	0	0
Unit 8	5.72	16.94	248	224
Total	9.82	29.67		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.88	28.61	410	350
Unit 6	8.89	28.99	419	350
Unit 7	9.21	28.91	451	331
Unit 8	9.70	28.82	420	372
Unit 9	10.66	31.43	455	433
Total	47.34	146.77		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.90	12.53	250	236
Total	5.90	12.53		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.01	11.98	180	130
Unit 3	4.40	12.97	194	170
Unit 4	4.42	13.13	191	173
Unit 5	9.37	30.14	480	0
Total	22.20	68.22		
Nasik				
Unit 3	3.71	11.15	159	152
Unit 4	4.08	11.70	186	154
Unit 5	0.00	0.00	0	0
Total	7.80	22.84		
Uran				
All Units	4.03	17.25	276	130
Total	4.03	17.25		
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)	0.16	0.61	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.61		
Koyna				
Stage 1-2	4.04	6.40	420	35
Stage 4	4.46	4.46	617	0
Stage 3	2.21	2.63	160	0
Total	10.71	13.49		
Hydro				
KDPH	0.44	1.33	19	19
VTRNA	0.36	1.23	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	0.82	80	0
RNGR+BHTSA	0.38	1.18	17	10
BHANDARDRA	0.31	0.93	13	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	0.72	19	7
GHATGHAR	1.40	1.96	120	0
Total	3.40	8.17		
Wind				
Total	7.83	31.48	0	0
Total	7.83	31.48		
CPP				
APML(Mus)	65.65	200.50	0	0
JSWEL(Mus)	28.55	80.52	0	0
VIPL(Mus)	7.46	21.67	0	0
RPLAMT(Mus)	6.52	19.43	0	0
WPCL(Mus)	5.71	16.11	0	0
Other(Mus)	13.10	35.46	0	0
Total	126.98	373.68		
SOLAR				
Total	4.74	15.87	0	0
Total	4.74	15.87		
Tata				
Trombay 5	11.12	32.49	469	451
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	8.22	116	112
Trombay 7B	1.59	4.75	67	65
Trombay 8	5.43	16.09	231	219
TATA Hydro	6.12	15.79	459	0
Total	27.02	77.33		
R-INFRA				
DTPS U-1&2	11.86	34.49	503	376
Total	11.86	34.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.51	414.64	MSPGCL Total	153.65	453.55
			MSPGCL Thml+Gas	139.54	431.89	Koyna 1,2 & 4 Total	8.50	10.86
			MSPGCL Hydro	14.12	21.66	State Total	332.07	986.41

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Nov/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	5752	138	148	6038	472	5132	0	0	5535	5669	-1235	16077	0	16077	2463	18540	49.95
2	5761	94	149	6004	444	5143	0	0	5416	5464	-953	16103	0	16103	2276	18379	49.96
3	5721	94	150	5966	433	5256	0	0	5451	5724	-762	16617	0	16617	2127	18744	49.96
4	5725	104	151	5980	402	5236	0	0	5610	5623	-663	16579	0	16579	2030	18609	49.95
5	5687	182	150	6020	438	5283	0	0	5973	6270	-626	17385	0	17385	1992	19377	49.93
6	5606	288	150	6044	503	5284	0	0	6846	6885	-673	18044	0	18044	2041	20085	49.94
7	5530	342	151	6024	519	5294	0	15	7348	7265	-692	18425	0	18425	2094	20519	49.98
8	5535	376	151	6062	473	5245	0	144	7006	7162	-737	18349	0	18349	2175	20524	49.95
9	5541	502	148	6192	463	5308	0	397	6703	6847	-848	18359	0	18359	2407	20766	49.90
10	5585	692	145	6422	563	5299	0	600	6956	7133	-1056	18961	0	18961	2736	21697	49.90
11	5713	862	141	6716	559	5342	0	685	7664	7769	-1218	19854	0	19854	2997	22851	49.92
12	5780	1006	140	6926	477	5364	0	629	7989	8124	-1290	20231	0	20231	3110	23341	49.89
13	5871	924	130	6926	345	5321	0	633	7792	7988	-1280	19933	0	19933	3117	23050	49.95
14	5847	998	139	6984	324	5302	0	554	7406	7758	-1207	19715	0	19715	3018	22733	49.95
15	5895	1252	140	7286	298	5302	0	518	7469	7618	-1282	19741	0	19741	3090	22831	49.97
16	5930	692	140	6762	259	5280	0	381	7445	7390	-1288	18785	0	18785	3110	21895	49.95
17	5927	724	132	6782	172	5335	0	162	6754	6850	-1222	18080	0	18080	3054	21134	49.94
18	5672	936	142	6750	134	5334	0	18	6172	6041	-1160	17117	0	17117	2981	20098	49.92
19	5586	1152	159	6898	71	5358	0	0	6069	6232	-1206	17353	0	17353	3041	20394	49.96
20	5531	1216	199	6946	65	5292	0	0	5913	6185	-1190	17299	0	17299	3006	20305	50.03
21	5549	566	249	6364	97	5353	0	0	5650	5678	-1165	16327	0	16327	2905	19232	50.01
22	5382	292	276	5950	85	5307	0	0	5665	5927	-1154	16115	0	16115	2806	18921	49.99
23	5196	296	274	5766	106	5334	0	0	5671	6008	-1171	16043	0	16043	2774	18817	49.94
24	5185	386	276	5846	128	5272	0	0	5721	5897	-1158	15986	0	15986	2758	18744	49.90
MUs	135.51	14.12	4.03	153.65	7.83	126.98	0.00	4.74	156.22	159.51	-25.24	427.47	0.00	427.47	64.11	491.58	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 03/Nov/2018

Position as on 6.30 Hrs of 04/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	01/10/2018	08.48		Continued.	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	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Chandrapur Unit 4	210	31/10/2018	07.50		Continued.	Heavy Sparking	
MSPGCL	Uran Unit 5	108	02/11/2018	22.43	03/11/2018	18.13	Filter Replacement Work.	
MSPGCL	Parli Unit 6	250	03/11/2018	05.35	03/11/2018	08.46	Furnace Pressure High	
MSPGCL	Khaparkhedda Unit 5	500	03/11/2018	21.59		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	04/11/2018	02.41	04/11/2018	14.55	Filter Replacement Work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 04/Nov/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							
Koradi III - Akola II- ckt-II	IntraState	03/11/2018	09.07	03/11/2018	19.23	PO	Annual Maintenance Work
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	02/11/2018	18.13	03/11/2018	06.12	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/11/2018	18.00	04/11/2018	10.01	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/11/2018	17.20		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Jaigad-New Koyna Ckt-I	IntraState	02/11/2018	18.06	03/11/2018	09.55	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/11/2018	18.18	03/11/2018	06.14	HT	Over Voltage
Deepnagar Waluj 1	IntraState	03/11/2018	10.20	03/11/2018	16.47	T	Distance Protection,At Khadka-z-1,2.26km.If-12.44Ka.
Khadka-Aurangabad (Waluj)	IntraState	03/11/2018	17.55	04/11/2018	09.54	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/11/2018	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	04/11/2018	07.25	04/11/2018	10.59	EO	Hot Spot On R PH LV Bushing Clamp.
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.
Borivali - Tarapur	InterState	03/11/2018	07.30	03/11/2018	10.08	EO	Attending Hot Spot
Tillari Amona	InterState	04/11/2018	13.18	04/11/2018	14.13	T	Distance Protection,R-PH,15KM,1.87KA.
Mahalakshmi Amona	InterState	04/11/2018	13.40	04/11/2018	14.28	T	Distance Protection,Z1,B-PH,1.4KA,Y-PH-1.42KA,13.10KM.
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 for availing outage on PG ckt 3.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Bhira Dharavi 8	IntraState	03/11/2018	05.53	03/11/2018	07.34	PO	For Safety Purpose During Conductor Replacement Work Of 220KV Nerul Trombay Line.
Bhira Dharavi 7	IntraState	03/11/2018	05.53	03/11/2018	07.34	PO	For Safety Purpose During Conductor Replacement Work Of 220KV Nerul Trombay Line.
Kandalgaon - Sona Alloys	IntraState	03/11/2018	08.30	03/11/2018	18.20	PO	Damaged Conductor,Insulator Replacement Work.
Washala - Ghatghar	IntraState	03/11/2018	08.45	03/11/2018	16.50	PO	Earth Wire Replacement Work Between Loc No.64-68,3TO10.
Ghatghar - Jindal	IntraState	03/11/2018	09.36	03/11/2018	17.22	PO	Earth Wire Replacement Work Between Loc No.64-68,3TO10.
Mahape - TIFIL	IntraState	03/11/2018	09.38	03/11/2018	12.05	PO	Y PH LA Replacement.
Kalwa - Mulund 2	IntraState	03/11/2018	10.19	03/11/2018	19.07	PO	Bay Maint Work & Diagnostic Testing Work.
Karad - Vita Ckt- I	IntraState	03/11/2018	10.30	03/11/2018	16.26	PO	Replacement Of Rusty Between Loc No.64 To 68,3 To 10.
Umred-Kanhan 2	IntraState	03/11/2018	11.17	03/11/2018	15.17	PO	Tree Cutting Work Carrying Out Signature Test.

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 03/Nov/2018

Statement-VII

Position as on 6.30 Hrs of 04/Nov/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ambazari-Amravati	IntraState	03/11/2018	11.31	03/11/2018	14.13	PO	Broken Disc Replacement.
Badnera-Akola li	IntraState	03/11/2018	12.23	03/11/2018	17.46	PO	Attending Hot Spot & Disc Replacement.
Kanhan-Umred 1	IntraState	03/11/2018	15.22	03/11/2018	18.32	PO	Tree Cutting Work Carrying Out Signature Test.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	04/11/2018	04.50	04/11/2018	06.55	EO	R-PH oil leakage of ct.
Trombay - Kalwa	IntraState	04/11/2018	09.09	04/11/2018	12.05	EO	Hot Spot At B PH CB Dropper Top T Clamp.
Padghe - Jambhul 2	IntraState	04/11/2018	09.59	04/11/2018	15.06	EO	CB Compressor NRV Work.
Bhugaon-WardhaPG (Deoli)	IntraState	04/11/2018	12.21	04/11/2018	19.35	PO	Bus Bar Protection Operated Due To bursting Of Y PH Wave Trap Of 220KV Wardha PG Ckt, 102 MW Load Affected AT Bhugaon, 132KV Deoli(MVNL-9MW Generation)& Seloo S/S.
Kalwa Salsette III	IntraState	04/11/2018	14.55	04/11/2018	16.25	EO	Emergency Tree Trimming.
New Koyana - Loteparshuram	IntraState	04/11/2018	17.33		Continued.	T	lotte End -0.6KM,Z-1,Y PH,New koyana End-z-2,Y-PH 7.8KA, 17.49KM
220 KV ICT Outages/Trippings							
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	03/11/2018	08.55	03/11/2018	11.19	PO	Quarterly Maintenance Work Of ICT Measurement Of Tan Delta of ICT Bhushings.
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	03/11/2018	11.21	03/11/2018	13.52	PO	Quarterly Maintenance Work Of ICT Measurement Of Tan Delta of ICT Bhushings.
220/33 Kv 50 Mva Aditya Ptr 1 @Badnera	IntraState	04/11/2018	12.23	04/11/2018	13.45	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Harangul - Niwali	IntraState	04/11/2018	00.00	04/11/2018	17.30	T	CT Burst At vikas SSKL.
Mul-Sindewahi	IntraState	04/11/2018	05.10	04/11/2018	05.27	T	1.6KA,26.6KM,Z2,R PH
Niwali - Ujani	IntraState	04/11/2018	17.07	04/11/2018	17.31	T	Distance Protection,Y PH.46.6KM.CT Burst At vikas

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