

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Feb/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.683	1466.327	1) Gujrat	3.234	28.006
2) Hydro	6.249	84.445	2) Madhya Pradesh	13.502	153.034
3) Gas	7.311	75.005	3) Chattisgarh	5.930	67.250
Total MSPGCL	144.243	1625.777	4) Maharashtra	96.770	1046.630
B) 1) APML	62.465	643.697	5) Goa (Amona)	-0.418	-5.368
2) JSWEL	20.673	235.178	Total	119.018	1289.552
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.150	170.438
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.647	183.022
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.626	166.943
6) Other IPP	13.831	141.839	Include PX	-1.629	2.815
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.150	170.438
C) 1) TPCL Thermal	13.407	147.447	Include PX	4.363	49.875
2) TPCL Hydro	3.802	31.937	Standby	0.000	0.000
3) TPCL Gas	3.978	43.597	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.269	105.623	1) MSEDCL	356.572	3926.252
D) STATE			2) Mumbai Discoms	47.103	511.625
1) Thermal	250.328	2740.111	TOTAL STATE	403.675	4437.877
(A1+C1+C4+(B1-B6))					
2) Hydro	10.051	116.382			
(A2+C2)					
3) Gas	11.289	118.602			
(A3+B7+C3)					
4) Wind	7.041	106.326			
6) SOLAR	5.948	66.905			
TOTAL STATE	284.657	3148.326			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5711	5899	5629	4916
MSPGCL Hydro	376	335	204	82
MSPGCL Gas	295	286	297	319
MSPGCL Total Generation	6382	6520	6130	5317
Central Sector Receipt	6313	5787	5316	3543
WIND	264	244	90	474
CPP / IPP Thermal	4566	4397	4444	3191
CPP / IPP Gas	0	0	0	0
SOLAR	781	874	0	0
Exchange with Mumbai	-997	-1021	-963	-204
MSEDCL DEMAND MET	17309	16801	15017	12321
Load Shedding	0	0	0	0
MSEDCL DEMAND	17309	16801	15017	12321
TPCL GENERATION	1079	1054	1030	626
AEML GENERATION	380	373	374	373
MUMBAI DEMAND	2456	2448	2367	1203
STATE DEMAND MET	19765	19249	17384	13524
STATE DEMAND	19765	19249	17384	13524
Frequency (Hz)	50.00	50.01	50.02	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 03.27 Hrs	49.84 Hz at 14.25 Hrs	50.02	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 11/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	9.42	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.33	116.34	500	445
Unit 9	11.82	124.64	534	421
Unit 10	11.64	117.92	546	445
Total	34.78	368.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.53	105.29	500	350
Unit 5	9.48	75.31	490	350
Total	19.00	180.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.42	46.81	196	163
Unit 4	3.72	22.72	185	43
Unit 5	0.00	77.89	0	0
Unit 6	10.17	83.25	455	375
Unit 7	9.14	106.02	439	338
Unit 8	10.62	116.43	480	360
Unit 9	10.71	115.45	495	360
Total	48.78	568.58		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	39.42	0	0
Total	0.00	39.42		
Khaparkheda				
Unit 1	3.07	38.87	155	105
Unit 2	3.79	40.08	160	140
Unit 3	3.84	41.02	163	156
Unit 4	3.84	41.08	163	155
Unit 5	9.57	103.13	440	360
Total	24.11	264.19		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.01	15.20	192	150
Total	4.01	45.21		
Uran				
All Units	7.31	75.00	322	272
Total	7.31	75.00		
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)	0.00	0.18	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.18		
Koyna				
Stage 1-2	2.02	24.62	270	40
Stage 4	0.00	11.55	0	0
Stage 3	0.29	7.88	80	0
Total	2.30	44.05		
Hydro				
KDPH	0.52	3.77	37	0
VTRNA	0.67	7.31	61	0
TILLARI	0.00	3.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	1.51	77	0
RNGR+BHTSA	0.30	3.41	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.58	6.37	25	24
GHATGHAR	1.79	14.96	250	0
Total	3.95	40.39		
Wind				
Total	7.04	106.33	0	0
Total	7.04	106.33		
CPP				
APML(Mus)	62.46	643.70	0	0
JSWEL(Mus)	20.67	235.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.83	141.84	0	0
Total	96.97	1020.71		
SOLAR				
Total	5.95	66.90	0	0
Total	5.95	66.90		
Tata				
Trombay 5	8.18	90.29	483	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	27.16	117	64
Trombay 7B	1.50	16.44	67	50
Trombay 8	5.22	57.16	232	200
TATA Hydro	3.80	31.94	372	12
Total	21.19	222.98		
AEML				
DTPS U-1&2	9.27	105.62	493	372
Total	9.27	105.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.68	1466.33	MSPGCL Total	144.24	1625.78
			MSPGCL Thml+Gas	137.99	1541.33	Koyna 1,2 & 4 Total	2.02	36.17
			MSPGCL Hydro	6.25	84.44	State Total	284.66	3148.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Feb/2019

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	4880	82	319	5281	206	3363	0	0	3971	3864	-345	12369	0	12369	1374	13743	50.04
2	4891	77	318	5286	297	3197	0	0	3707	3808	-254	12334	0	12334	1258	13592	50.04
3	4916	82	319	5317	474	3191	0	0	3449	3543	-204	12321	0	12321	1203	13524	50.02
4	4903	152	319	5374	499	3185	0	0	3412	3491	-171	12378	0	12378	1172	13550	50.10
5	4950	77	320	5347	517	3211	0	0	3789	3812	-194	12693	0	12693	1195	13888	50.00
6	5068	217	320	5605	453	3356	0	0	4179	4565	-334	13645	0	13645	1343	14988	49.99
7	5460	367	322	6149	504	3862	0	3	5109	5204	-519	15203	0	15203	1580	16783	50.01
8	5605	256	322	6183	479	4314	0	73	5919	5968	-483	16534	0	16534	1795	18329	50.01
9	5588	312	318	6218	403	4693	0	330	5972	6242	-662	17224	0	17224	2089	19313	50.06
10	5712	330	312	6354	340	4719	0	564	5998	6205	-847	17335	0	17335	2305	19640	50.00
11	5711	376	295	6382	264	4566	0	781	6076	6313	-997	17309	0	17309	2456	19765	50.00
12	5800	332	292	6424	268	4517	0	859	6280	6160	-1035	17193	0	17193	2493	19686	50.04
13	5899	335	286	6520	244	4397	0	874	5883	5787	-1021	16801	0	16801	2448	19249	50.01
14	5778	384	283	6445	215	4362	0	768	5478	5498	-931	16357	0	16357	2338	18695	50.04
15	5600	464	272	6336	188	4343	0	698	5330	5625	-942	16248	0	16248	2357	18605	49.99
16	5822	238	285	6345	147	4324	0	558	5440	5125	-1007	15492	0	15492	2362	17854	50.02
17	5648	350	289	6287	195	4238	0	330	5001	5187	-906	15331	0	15331	2364	17695	49.96
18	5651	393	289	6333	177	4231	0	109	4877	5011	-887	14974	0	14974	2345	17319	49.99
19	5651	298	302	6251	124	4363	0	1	5040	5053	-928	14864	0	14864	2350	17214	49.97
20	5629	204	297	6130	90	4444	0	0	5036	5316	-963	15017	0	15017	2367	17384	50.02
21	5532	209	308	6049	171	4278	0	0	4763	4745	-919	14324	0	14324	2239	16563	50.03
22	5446	269	300	6015	155	3983	0	0	4557	4551	-822	13882	0	13882	2074	15956	49.99
23	5437	265	312	6014	273	3956	0	0	4264	4033	-713	13563	0	13563	1904	15467	50.03
24	5106	180	312	5598	358	3876	0	0	4185	3912	-563	13181	0	13181	1692	14873	50.02
MUs	130.68	6.25	7.31	144.24	7.04	96.97	0.00	5.95	117.72	119.02	-16.65	356.57	0.00	356.57	47.10	403.67	50.02

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 11/Feb/2019

Position as on 6.30 Hrs of 12/Feb/2019

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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
IPP	Adani U-5	660	03/02/2019	10.08	11/02/2019	04.37	Bottom ASH Hopper leakage	
MSPGCL	Koradi Unit 6	210	03/02/2019	22.09		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	08/02/2019	05.18		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 5	500	09/02/2019	12.33		Continued.	Air Heater Basket Replacement Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Feb/2019

Position as on 6.30 Hrs of 12/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	10/02/2019	04.55		Continued.	Air heater problem	
MSPGCL	Uran Unit 5	108	12/02/2019	13.36	12/02/2019	15.17	Electronic card failure.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 12/Feb/2019

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	07/02/2019	08.55		Continued.	PO	Relay Testing Work(RFC 19.48Hrs)
Dabhol Nagothane I	InterState	11/02/2019	10.20		Continued.	PO	Cold Welding & String Replacement Work.During Opening R-Phase Pole Burst
Bhusawal-Aurangabad	IntraState	10/02/2019	17.38	11/02/2019	09.05	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/02/2019	18.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/02/2019	21.07	11/02/2019	09.00	HT	Over Voltage
Padghe - Kalwa- I	IntraState	11/02/2019	03.27	11/02/2019	10.19	T	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	11/02/2019	09.34	11/02/2019	16.23	PO	Routine Maintenance Work
Kala Kudus Ckt-II	IntraState	11/02/2019	09.59	11/02/2019	20.53	PO	Insulator Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	11/02/2019	16.24	12/02/2019	07.38	HT	Over Voltage
Kala Kudus Ckt-II	IntraState	12/02/2019	07.55	12/02/2019	19.29	PO	Line Maintenance work at kala end.
Deepnagar Waluj 1	IntraState	12/02/2019	10.34	12/02/2019	17.58	PO	Replacement of dead end and mid span joint.
Khadka-Aurangabad (Waluj)	IntraState	12/02/2019	18.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220 KV 300 MVA ICT- I @Koradi	IntraState	11/02/2019	09.05	11/02/2019	21.01	PO	Cold Welding & Painting.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	11/02/2019	09.59	11/02/2019	14.22	EO	Replacement Of Buchholz Relay.
400/220 KV 300 MVA ICT- I @Koradi	IntraState	12/02/2019	08.59	12/02/2019	19.34	PO	Painting work.
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	12/02/2019	10:14	12/02/2019	21:50	PO	For erection of support structure of RRS scheme
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.
Gadchandur-Ultratech I	IntraState	03/04/2018	22.12		Continued.	HT	Replacement Of Metering CT AT UTCL End (Form 100/1 To 50/1) Request By Discom.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Half Bus section-I @ Yavatmal	IntraState	11/02/2019	09.04	11/02/2019	18.20	PO	Isolator Replacement Work.
Padegaon-Sawangi	IntraState	11/02/2019	09.11	11/02/2019	19.47	PO	String Replacement Work At Various Location.
Karad(400kv) - Wathar	IntraState	11/02/2019	10.23	11/02/2019	17.35	PO	Cold Washing.
Mumewadi -Halkarni II	IntraState	11/02/2019	10.30	11/02/2019	13.51	PO	Location No 187 String Flashover.
Vita-Khanapur(Mahuli Tap)	IntraState	11/02/2019	10:30	11/02/2019	20:45	PO	Breaker Overhauling work
ACCIL - Apta	IntraState	11/02/2019	11.05	11/02/2019	18.28	PO	Diagnostic & Routine Maintenance Work.
Miraj - Ichalkaranji II	IntraState	11/02/2019	12.52	11/02/2019	15.36	HT	For Availing Main Bus-2 Outage.
Main Bus Section @ Ichalkaranji II	IntraState	11/02/2019	13.02	11/02/2019	14.50	PO	Relay Replacement Work.
Talandge-Hamidwada	IntraState	11/02/2019	15.04	11/02/2019	16.36	T	Distance Protection

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 11/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 12/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mudshingi-Belewadi	IntraState	11/02/2019	15.04	11/02/2019	17.05	T	Distance Protection
220KV Sawangi- Bhokardan	IntraState	12/02/2019	08.43	12/02/2019	17.55	PO	In view of outage on sawangi padegaon CKT.
Padegaon-Sawangi	IntraState	12/02/2019	08.56	12/02/2019	17.52	PO	Insulator string replacement work.
satara MIDC- Malharpeth	IntraState	12/02/2019	10.15	12/02/2019	13.22	PO	Quarterly Maintainance Work
Alkud Miraj	IntraState	12/02/2019	10.58	12/02/2019	15.30	EO	Y PH CT oil leakage.
Yeotmal- Pusad	IntraState	12/02/2019	12.06	12/02/2019	15.00	PO	Jumper removal work.
Nagothane - ACCIL	IntraState	12/02/2019	12.22	12/02/2019	17.55	PO	Diagnostic testing.
Paranda-Barshi	IntraState	12/02/2019	14.15	12/02/2019	17.00	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	11/02/2019	11.50	11/02/2019	17.20	PO	Relay Testing Work.
220/33kv 125 MVA Transformer 1 @Gorai R/S	IntraState	11/02/2019	14.49	11/02/2019	16.02	EO	Attending Low Oil Level ON HV Cable Box.
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	12/02/2019	10.40	12/02/2019	16.17	PO	C.B timing CRM testing work.
220/132kv 100MVA ICT II @Satara Midc	IntraState	12/02/2019	14.20	12/02/2019	16.55	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Hingoli 2- Akhada Balapur	IntraState	11/02/2019	16.35	11/02/2019	16.55	T	Distance Protection

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