

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Feb/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.756	2003.969	1) Gujrat	-0.224	32.398
2) Hydro	6.188	122.242	2) Madhya Pradesh	13.733	206.319
3) Gas	7.371	102.457	3) Chattisgarh	6.590	92.800
Total MSPGCL	154.315	2228.668	4) Maharashtra	109.239	1486.268
B) 1) APLM	53.952	886.008	5) Goa (Amona)	-0.528	-7.260
2) JSWEL	17.903	317.823	Total	128.810	1810.525
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.711	238.879
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.100	258.391
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.482	235.325
6) Other IPP	12.211	192.149	Include PX	4.677	12.699
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.635	238.803
C) 1) TPCL Thermal	13.026	204.704	Include PX	6.641	75.432
2) TPCL Hydro	4.640	47.639	Standby	0.076	0.076
3) TPCL Gas	4.240	60.626	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.080	145.716	1) MSEDCL	367.259	5416.801
D) STATE			2) Mumbai Discoms	51.086	717.075
1) Thermal	246.928	3750.369	TOTAL STATE	418.345	6133.876
(A1+C1+C4+(B1-B6))					
2) Hydro	10.828	169.881			
(A2+C2)					
3) Gas	11.611	163.083			
(A3+B7+C3)					
4) Wind	14.249	150.385			
6) SOLAR	5.919	89.634			
TOTAL STATE	289.535	4323.352			

* 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	6531	6518	5652	5178
MSPGCL Hydro	395	410	281	89
MSPGCL Gas	304	292	301	316
MSPGCL Total Generation	7230	7220	6234	5583
Central Sector Receipt	6310	5921	5061	4732
WIND	228	343	872	463
CPP / IPP Thermal	3949	3636	3430	3514
CPP / IPP Gas	0	0	0	0
SOLAR	818	861	0	0
Exchange with Mumbai	-1171	-1175	-995	-437
MSEDCL DEMAND MET	17364	16806	14602	13855
Load Shedding	0	0	0	0
MSEDCL DEMAND	17364	16806	14602	13855
TPCL GENERATION	1136	1079	1059	672
AEML GENERATION	375	373	375	374
MUMBAI DEMAND	2682	2627	2429	1483
STATE DEMAND MET	20046	19433	17031	15338
STATE DEMAND	20046	19433	17031	15338
Frequency (Hz)	50.02	50.00	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.69 Hz at 09.16 Hrs	49.98	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/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.77	15.16	178	117
Unit 7	0.00	0.00	0	0
Unit 8	10.53	159.26	540	381
Unit 9	10.71	165.39	550	360
Unit 10	9.84	161.27	510	301
Total	34.85	501.07		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.08	145.29	485	350
Unit 5	9.00	114.25	465	350
Total	18.08	259.54		
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	4.23	64.32	197	163
Unit 4	4.13	39.78	191	162
Unit 5	7.29	85.18	415	0
Unit 6	9.58	118.33	460	360
Unit 7	9.46	145.30	442	357
Unit 8	9.73	158.77	500	360
Unit 9	9.82	157.41	500	365
Total	54.24	769.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.23	48.64	246	190
Total	5.23	48.64		
Khaparkheda				
Unit 1	3.78	54.00	165	150
Unit 2	3.58	54.80	160	130
Unit 3	3.80	56.30	160	155
Unit 4	3.81	56.08	163	150
Unit 5	9.34	142.58	440	365
Total	24.33	363.77		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.02	31.84	197	157
Total	4.02	61.86		
Uran				
All Units	7.37	102.46	319	290
Total	7.37	102.46		
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	0.22	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.22		
Koyna				
Stage 1-2	1.66	35.24	240	40
Stage 4	0.44	19.96	204	0
Stage 3	0.55	12.14	160	0
Total	2.66	67.34		
Hydro				
KDPH	0.43	4.95	18	18
VTRNA	0.69	10.00	60	0
TILLARI	0.00	3.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.25	80	0
RNGR+BHTSA	0.30	4.65	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	8.34	30	19
GHATGHAR	1.30	21.66	250	0
Total	3.53	54.90		
Wind				
Total	14.25	150.38	0	0
Total	14.25	150.38		
CPP				
APML(Mus)	53.95	886.01	0	0
JSWEL(Mus)	17.90	317.82	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)	12.21	192.15	0	0
Total	84.07	1395.98		
SOLAR				
Total	5.92	89.63	0	0
Total	5.92	89.63		
Tata				
Trombay 5	7.81	126.44	445	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.67	37.89	117	82
Trombay 7B	1.57	22.74	68	56
Trombay 8	5.22	78.26	232	199
TATA Hydro	4.64	47.64	412	24
Total	21.91	312.97		
AEML				
DTPS U-1&2	9.08	145.72	497	306
Total	9.08	145.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.76	2003.97	MSPGCL Total	154.32	2228.67
			MSPGCL Thml+Gas	148.13	2106.43	Koyna 1,2 & 4 Total	2.11	55.20
			MSPGCL Hydro	6.19	122.24	State Total	289.54	4323.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5180	89	304	5573	666	3554	0	0	5029	4816	-612	13997	0	13997	1683	15680	49.99
2	5148	89	313	5550	524	3523	0	0	4914	4765	-482	13880	0	13880	1553	15433	49.94
3	5178	89	316	5583	463	3514	0	0	4819	4732	-437	13855	0	13855	1483	15338	50.00
4	5278	129	315	5722	434	3445	0	0	4689	4737	-417	13921	0	13921	1446	15367	49.93
5	5454	129	308	5891	422	3492	0	0	4893	4934	-420	14319	0	14319	1449	15768	49.99
6	5952	89	318	6359	476	3664	0	0	5240	5398	-554	15343	0	15343	1595	16938	49.95
7	6263	89	319	6671	472	3992	0	0	6041	5856	-661	16330	0	16330	1801	18131	49.97
8	6449	353	318	7120	381	4222	0	69	6345	6233	-608	17417	0	17417	2006	19423	49.95
9	6601	341	316	7258	190	4167	0	300	6302	6413	-896	17432	0	17432	2256	19688	49.96
10	6708	364	309	7381	180	4164	0	535	6271	6195	-1059	17396	0	17396	2501	19897	49.87
11	6599	305	296	7200	161	4149	0	740	6211	6177	-1247	17180	0	17180	2663	19843	49.98
12	6531	395	304	7230	228	3949	0	818	6392	6310	-1171	17364	0	17364	2682	20046	50.02
13	6518	410	292	7220	343	3636	0	861	5925	5921	-1175	16806	0	16806	2627	19433	50.00
14	6382	375	290	7047	464	3483	0	849	5512	5395	-1028	16210	0	16210	2490	18700	50.10
15	5983	281	290	6554	627	3320	0	725	5658	5643	-1032	15837	0	15837	2473	18310	50.03
16	5833	181	292	6306	832	3220	0	567	5585	5822	-1135	15612	0	15612	2483	18095	50.00
17	5795	111	304	6210	1085	3052	0	350	5288	5228	-987	14938	0	14938	2487	17425	50.00
18	5669	169	297	6135	1178	2951	0	103	4757	4919	-1002	14284	0	14284	2447	16731	49.96
19	5575	510	308	6393	932	3138	0	2	4606	4770	-952	14283	0	14283	2444	16727	49.92
20	5652	281	301	6234	872	3430	0	0	5193	5061	-995	14602	0	14602	2429	17031	49.99
21	5558	280	313	6151	884	3230	0	0	4425	4738	-911	14092	0	14092	2275	16367	49.96
22	5532	693	314	6539	963	2873	0	0	4499	4781	-840	14316	0	14316	2104	16420	50.02
23	5455	253	317	6025	761	2881	0	0	4849	4958	-763	13862	0	13862	1946	15808	50.02
24	5463	183	317	5963	711	3017	0	0	4938	5008	-716	13983	0	13983	1763	15746	50.03
MUs	140.76	6.19	7.37	154.32	14.25	84.07	0.00	5.92	128.38	128.81	-20.10	367.26	0.00	367.26	51.09	418.34	49.98

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/Feb/2019

Position as on 6.30 Hrs of 16/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.	
MSPGCL	Nasik Unit 4	210	08/02/2019	05.18		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 5	500	09/02/2019	12.33	15/02/2019	02.20	Air Heater Basket Replacement Work.	
IPP	Adani U-5	660	13/02/2019	14.52		Continued.	Due To APH-B Gearbox Problem.	
MSPGCL	Koyana Unit 7	80	15/02/2019	07.25	15/02/2019	13.00	Cooling water Bus Replacement work	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Feb/2019

Position as on 6.30 Hrs of 16/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	15/02/2019	14.34		Continued.	Condenser problem	
AEML	AEML Unit 2	250	15/02/2019	23.38	16/02/2019	03.51	Generator Elect. Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2019

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 - Tirora - I	IntraState	15/02/2019	11.52	15/02/2019	19.20	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	07/02/2019	08.55		Continued.	PO	Relay Testing Work(RFC 19.48Hrs)
New Koyna - Dabhol - li	IntraState	14/02/2019	14.30	15/02/2019	20.25	EO	String Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	14/02/2019	19.50	15/02/2019	07.13	HT	Over Voltage
Chandrapur - Parli	IntraState	14/02/2019	20.02	15/02/2019	06.17	T	Distance Protection
Deepnagar - Aurangabad	IntraState	15/02/2019	07.24	15/02/2019	15.46	PO	Replacement of Mid Span Joint
Chandrapur - Parli	IntraState	15/02/2019	18.53		Continued.	T	Distance Protection B Phase E/F Z1
Bhusawal-Aurangabad	IntraState	15/02/2019	19.02		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/02/2019	20.04		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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	15/02/2019	08.55	15/02/2019	18.44	PO	Painting 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.
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.
Gadchandur-Ultratech II	IntraState	13/02/2019	18.00		Continued.	PO	Metering C.T.Replacement Work.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/02/2019	10.10	15/02/2019	15.55	PO	Replacement of Y Phase Faulty Tension
karad - Dasgaon	IntraState	15/02/2019	11.10	15/02/2019	13.29	PO	Testing Work
Yeotmal- Pusad	IntraState	15/02/2019	13.37	15/02/2019	19.22	PO	Isolator Replacement
Chandrapur Main Bus II	IntraState	15/02/2019	14.15		Continued.	PO	Isolator alignment work and Bay Maintenance work
Abhijeet-Wardha-li	IntraState	15/02/2019	18.26		Continued.	T	Distance Protection,Zone 1 Sparking observed on CT
Bhugaon- Wardha	IntraState	15/02/2019	18.26	15/02/2019	18.54	T	Bus Section I Tripped at Wardha
Warora - Wardha	IntraState	15/02/2019	18.26	15/02/2019	19.25	T	Bus Section I Tripped at Wardha
Wardha - Wardharytss1	IntraState	15/02/2019	18.26	15/02/2019	19.00	T	Bus Section I Tripped at Wardha
Wardha - Wardha Rly Tss 2	IntraState	15/02/2019	18.26	15/02/2019	20.41	T	Bus Section I Tripped at Wardha
Abhijeet-Wardha-I	IntraState	15/02/2019	18.26	15/02/2019	19.30	T	Bus Section I Tripped at Wardha
220 KV ICT Outages/Trippings							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/02/2019	11.35		Continued.	PO	LV Bushing Replacement,Work For 10 Days
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	15/02/2019	01.15	15/02/2019	02.55	PO	Bus Bar configuration work
220/100 Kv 100 MVA ICT II @Vasai-li	IntraState	15/02/2019	09.57	15/02/2019	19.23	PO	MOG Inspection and OLTC Overhauling
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	15/02/2019	10.42	15/02/2019	18.11	PO	OLTC Overhauling

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/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 16/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	15/02/2019	12.55	15/02/2019	15.30	PO	Testing 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.