

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Feb/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.101	3651.743	1) Gujrat	0.883	48.735
2) Hydro	8.179	218.344	2) Madhya Pradesh	15.707	388.739
3) Gas	7.085	187.414	3) Chattisgarh	5.040	160.560
Total MSPGCL	148.365	4057.501	4) Maharashtra	104.660	2745.618
B) 1) APML	69.192	1714.396	5) Goa (Amona)	-0.616	-13.948
2) JSWEL	21.843	568.806	Total	125.674	3329.704
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.434	442.958
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.842	484.762
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	8.318	392.245
6) Other IPP	12.221	342.396	Include PX	-5.513	-7.295
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.434	442.065
C) 1) TPCL Thermal	13.806	367.757	Include PX	6.108	136.078
2) TPCL Hydro	5.261	93.491	Standby	0.000	0.894
3) TPCL Gas	4.285	110.791	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.130	260.658	1) MSEDCL	379.578	9979.080
D) STATE			2) Mumbai Discoms	53.324	1317.451
1) Thermal	259.293	6905.756	TOTAL STATE	432.902	11296.531
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.440	311.835			
3) Gas (A3+B7+C3)	11.370	298.205			
4) Wind	15.999	277.934			
6) SOLAR	7.126	173.105			
TOTAL STATE	307.228	7966.835			

* 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 4 Hrs
MSPGCL Thermal	5954	5791	5805	4974
MSPGCL Hydro	536	326	470	100
MSPGCL Gas	288	284	288	299
MSPGCL Total Generation	6778	6400	6562	5374
Central Sector Receipt	5863	5579	5066	5029
WIND	620	808	684	499
CPP / IPP Thermal	4851	4656	4474	3910
CPP / IPP Gas	0	0	0	0
SOLAR	1050	926	0	0
Exchange with Mumbai	-1251	-1295	-1116	-475
MSEDCL DEMAND MET	17910	17074	15670	14336
Load Shedding	0	0	0	0
MSEDCL DEMAND	17910	17074	15670	14336
TPCL GENERATION	1286	1192	1055	662
AEML GENERATION	245	231	373	374
MUMBAI DEMAND	2782	2718	2544	1511
STATE DEMAND MET	20692	19792	18214	15848
STATE DEMAND	20692	19792	18214	15848
Frequency (Hz)	50.02	50.03	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 06.02 Hrs	49.84 Hz at 18.44 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 27/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	60.33	155	110
Unit 7	0.00	0.00	0	0
Unit 8	9.50	275.44	452	350
Unit 9	9.81	298.11	550	274
Unit 10	9.70	277.82	503	346
Total	32.21	911.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.52	265.77	505	350
Unit 5	9.54	233.62	510	350
Total	19.07	499.39		
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	4.29	117.42	195	163
Unit 4	4.21	91.43	190	160
Unit 5	9.44	200.04	425	365
Unit 6	0.00	167.41	0	0
Unit 7	9.04	255.72	398	362
Unit 8	10.32	247.53	485	360
Unit 9	10.19	282.96	490	360
Total	47.48	1362.52		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.52	114.25	254	195
Total	5.52	114.25		
Khaparkheda				
Unit 1	3.47	96.77	170	130
Unit 2	3.80	99.84	165	150
Unit 3	3.93	93.92	175	160
Unit 4	3.91	102.11	180	155
Unit 5	9.58	260.04	450	360
Total	24.68	652.68		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	47.74	205	155
Unit 5	0.00	63.45	0	0
Total	4.13	111.19		
Uran				
All Units	7.08	187.41	313	282
Total	7.08	187.41		
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)	0.02	0.72	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.72		
Koyna				
Stage 1-2	2.28	62.10	365	40
Stage 4	0.90	29.24	260	0
Stage 3	0.61	20.28	80	0
Total	3.79	111.62		
Hydro				
KDPH	0.44	11.17	19	19
VTRNA	0.87	18.15	61	0
TILLARI	0.42	6.80	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	4.67	80	0
RNGR+BHTSA	0.29	8.09	13	12
BHANDARDRA	0.48	5.30	42	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	13.56	10	9
GHATGHAR	1.38	38.99	250	0
Total	4.39	106.73		
Wind				
Total	16.00	277.93	0	0
Total	16.00	277.93		
CPP				
APML(Mus)	69.19	1714.40	0	0
JSWEL(Mus)	21.84	568.81	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)	12.22	342.40	0	0
Total	103.26	2625.60		
SOLAR				
Total	7.13	173.10	0	0
Total	7.13	173.10		
Tata				
Trombay 5	8.54	227.61	482	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	69.46	117	85
Trombay 7B	1.57	41.33	67	56
Trombay 8	5.26	140.15	234	202
TATA Hydro	5.26	93.49	434	0
Total	23.35	572.04		
AEML				
DTPS U-1&2	9.13	260.66	503	231
Total	9.13	260.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.10	3651.74	MSPGCL Total	148.36	4057.50
			MSPGCL Thml+Gas	140.19	3839.16	Koyna 1,2 & 4 Total	3.18	91.33
			MSPGCL Hydro	8.18	218.34	State Total	307.23	7966.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5185	156	308	5648	513	3751	0	0	5213	5457	-673	14696	0	14696	1773	16470	50.03
2	5115	516	297	5928	474	3648	0	0	4948	4879	-555	14374	0	14374	1640	16014	49.98
3	4979	650	309	5938	523	3850	0	0	4646	4744	-502	14554	0	14554	1563	16116	49.99
4	4974	100	299	5374	499	3910	0	0	4987	5029	-475	14336	0	14336	1511	15848	49.97
5	5218	96	310	5624	315	4021	0	0	5203	5370	-504	14826	0	14826	1528	16354	49.99
6	5632	126	301	6060	309	4236	0	0	5349	5505	-594	15516	0	15516	1645	17160	50.01
7	5808	428	313	6548	288	4885	0	5	5462	5736	-589	16874	0	16874	1851	18724	50.04
8	5875	892	313	7080	380	4823	0	129	5757	6057	-561	17908	0	17908	2039	19946	50.03
9	5868	566	309	6744	432	4869	0	438	5837	5704	-707	17480	0	17480	2313	19792	50.01
10	5873	560	293	6726	387	4752	0	716	5749	5956	-903	17634	0	17634	2584	20218	50.01
11	5878	578	289	6744	458	4785	0	911	5977	5981	-1082	17798	0	17798	2743	20540	50.06
12	5954	536	288	6778	620	4851	0	1050	5947	5863	-1251	17910	0	17910	2782	20692	50.02
13	5791	326	284	6400	808	4656	0	926	5630	5579	-1295	17074	0	17074	2718	19792	50.03
14	5567	210	286	6064	1004	4379	0	912	5448	5363	-1180	16542	0	16542	2552	19094	50.06
15	5308	162	285	5754	1212	4126	0	840	5449	5084	-1113	15904	0	15904	2575	18478	50.02
16	5324	124	285	5734	1180	3916	0	633	5262	5396	-1163	15696	0	15696	2595	18290	50.01
17	5319	176	282	5778	1239	3895	0	425	5027	5081	-1065	15352	0	15352	2595	17948	50.05
18	5357	226	285	5868	1002	3921	0	134	4723	4948	-1036	14836	0	14836	2558	17394	50.06
19	5622	314	285	6222	769	4140	0	7	4765	4652	-1016	14774	0	14774	2522	17296	49.97
20	5805	470	288	6562	684	4474	0	0	4971	5066	-1116	15670	0	15670	2544	18214	50.03
21	5825	274	290	6388	794	4629	0	0	4506	4546	-1003	15354	0	15354	2427	17782	50.05
22	5889	252	291	6432	771	4479	0	0	4290	4300	-886	15096	0	15096	2251	17346	50.05
23	5684	236	292	6212	668	4322	0	0	4503	4564	-832	14934	0	14934	2091	17026	50.00
24	5251	206	303	5760	670	3938	0	0	4729	4814	-741	14442	0	14442	1924	16366	49.98
MUs	133.10	8.18	7.08	148.37	16.00	103.26	0.00	7.13	124.38	125.67	-20.84	379.58	0.00	379.58	53.32	432.90	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 27/Feb/2019

Position as on 6.30 Hrs of 28/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 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	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.	
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. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Koyana STG-IV Unit-3	250	26/02/2019	10.00		Continued.	Replacement of New NGR	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Feb/2019

Position as on 6.30 Hrs of 28/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Unit.	
AEML	AEML Unit 2	250	27/02/2019	10.51	27/02/2019	12.39	Tripped due to Genretor panel card malfunction	
MSPGCL	Koradi Unit 6	210	28/02/2019	11.45	28/02/2019	16.10	Flame Failure	
MSPGCL	Koradi Unit 9	660	28/02/2019	20.11		Continued.	BTL Super heater zone at penthouse	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 28/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 ckt-II	IntraState	26/02/2019	09.44	27/02/2019	17.42	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 II	InterState	18/02/2019	18.16	27/02/2019	06.30	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	27/02/2019	17.02	28/02/2019	17.27	PO	Taken on Tie Bay & HT main Bay due to Frequent CB on/off problem
Dhule Sar'Sarovar I	InterState	27/02/2019	17.30		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	28/02/2019	10.04	28/02/2019	20.05	PO	Quarterly Maintainance Work
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59		Continued.	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46		Continued.	PO	Construction Work for height raising.
New Koyna - Dabhol - li	IntraState	26/02/2019	08.25		Continued.	PO	Insulator String Replacement & Cold Washing Insulators.
Khadka-Aurangabad (Waluj)	IntraState	26/02/2019	19.31	27/02/2019	07.01	HT	Over Voltage
Padghe - Nagothane - I	IntraState	26/02/2019	23.40	27/02/2019	09.22	HT	Over Voltage
Deepnagar Taptitanda	IntraState	27/02/2019	07.10	27/02/2019	19.55	PO	Replacement of MID Span Joint
Khadka-Aurangabad (Waluj)	IntraState	27/02/2019	17.15	28/02/2019	07.12	HT	Over Voltage
Padghe - Nagothane - II	IntraState	27/02/2019	23.38	28/02/2019	09.30	HT	Over Voltage
Deepnagar Taptitanda	IntraState	28/02/2019	07.23	28/02/2019	19.31	PO	Line Maintenance work
Main Bus-I@Khaparkhedha s/st	IntraState	28/02/2019	09.08	28/02/2019	18.36	PO	Tan delta cap of bus CVT and RM of bus isolators
Karad - Lonikand 1	IntraState	28/02/2019	11.38	28/02/2019	11.54	T	No Indication
Khadka-Aurangabad (Waluj)	IntraState	28/02/2019	19.44		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/02/2019	22.06		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	28/02/2019	23.22		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.
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.
Kandalgaon - ONGC Panvel	IntraState	27/02/2019	05.55	27/02/2019	16.57	T	Distance Protection
Mahad-Kandalgaon	IntraState	27/02/2019	09.05	27/02/2019	17.40	PO	Daignostic Testing work
Wada - Bhaveghar	IntraState	27/02/2019	09.18	27/02/2019	18.12	PO	Daignostic Testing work
BOISAR BORIVALI	IntraState	27/02/2019	09.27	27/02/2019	18.53	PO	Replacement work
Eklahara-(Ocr)-Navasari I	IntraState	27/02/2019	09.42	27/02/2019	18.39	PO	Routine Maintenance Work
Butibori-Indorama	IntraState	27/02/2019	10.14		Continued.	PO	CB Overhauling.
OSMANABAD BARSHI	IntraState	27/02/2019	10.21	27/02/2019	14.17	PO	Routine Maintenance Work

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 27/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 28/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Colourchem	IntraState	27/02/2019	13.20	27/02/2019	16.28	PO	Safety purpose
Khadka-Bhadli-1	IntraState	27/02/2019	17.53		Continued.	HT	Breaker Problem At Bhadli End.
Bhosari- Bhosari 2	IntraState	27/02/2019	22.04	28/02/2019	01.58	PO	Attending Y phase CT oil leakage
Jejuri (400 Kv)-Jejuri- li	IntraState	28/02/2019	01.50	28/02/2019	18.30	T	B phase LA Burst
Jejuri (400 Kv)-Jejuri- I	IntraState	28/02/2019	01.50	28/02/2019	02.34	T	B phase LA Burst
Apta - Bombay Dyeing	IntraState	28/02/2019	10.30		Continued.	PO	CB Replacement work
Bableshwar- Bableshwar-I	IntraState	28/02/2019	11.07	28/02/2019	13.00	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	27/02/2019	09.34	27/02/2019	20.59	PO	Routine Maintenance Work
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	28/02/2019	12.05	28/02/2019	17.11	PO	NR Bus Bar Work, Annual testing
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/10/2018	18.40		Continued.	HT	CB Closed At Pench & In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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