

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Feb/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.646	960.299	1) Gujrat	1.328	-3.627
2) Hydro	10.194	58.986	2) Madhya Pradesh	5.572	33.530
3) Gas	5.935	39.845	3) Chattisgarh	5.810	35.670
Total MSPGCL	173.775	1059.130	4) Maharashtra	126.814	771.337
B) 1) APMIL	55.646	334.394	5) Goa (Amona)	-0.953	-6.045
2) JSWEL	11.561	75.400	Total	138.571	830.865
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.786	124.908
4) RPL(AMT)	28.030	162.296	b) Mumbai Drawl	20.053	127.890
5) WPCL	7.857	46.441	c) MSEDCL Bilateral *	27.987	155.248
6) Other IPP	18.280	111.400	Include PX	-0.610	-21.927
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.786	120.861
C) 1) TPCL Thermal	13.778	80.377	Include PX	8.790	25.897
2) TPCL Hydro	3.405	18.614	Standby	0.000	4.047
3) TPCL Gas	0.388	19.496	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.870	48.851	1) MSEDCL	433.846	2601.043
D) STATE			2) Mumbai Discoms	47.497	295.230
1) Thermal	302.668	1819.458	TOTAL STATE	481.343	2896.273
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.599	77.600			
3) Gas (A3+B7+C3)	6.323	59.341			
4) Wind	12.147	62.919			
6) SOLAR	8.032	46.088			
TOTAL STATE	342.769	2065.406			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6960	6907	6738	5965
MSPGCL Hydro	1016	898	236	98
MSPGCL Gas	288	267	150	293
MSPGCL Total Generation	8264	8072	7124	6356
Central Sector Receipt	6466	6648	4870	5120
WIND	338	212	543	568
CPP / IPP Thermal	5537	5584	5597	4168
CPP / IPP Gas	0	0	0	0
SOLAR	1120	1175	0	0
Exchange with Mumbai	-899	-975	-765	-612
MSEDCL DEMAND MET	20826	20716	17370	15600
Load Shedding	0	0	0	0
MSEDCL DEMAND	20826	20716	17370	15600
TPCL GENERATION	1000	878	1068	565
AEML GENERATION	500	496	500	285
MUMBAI DEMAND	2399	2349	2333	1462
STATE DEMAND MET	23224	23066	19702	17062
STATE DEMAND	23224	23066	19702	17062
Frequency (Hz)	49.98	50.03	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:02 Hrs	49.82 Hz at 22:16 Hrs	50	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 06/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	10.60	69.85	466	421
Unit 9	12.77	72.06	597	458
Unit 10	11.00	67.26	480	420
Total	34.38	220.98		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.05	62.92	500	295
Unit 5	10.48	62.00	465	290
Total	21.54	124.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.52	32.42	250	205
Unit 7	5.39	31.97	249	194
Unit 8	5.34	32.77	244	198
Total	16.25	97.17		
Chandrapur				
Unit 3	3.43	21.49	159	120
Unit 4	3.26	20.32	145	130
Unit 5	7.82	56.32	450	0
Unit 6	9.82	57.61	440	290
Unit 7	8.48	50.20	375	285
Unit 8	11.51	68.10	498	445
Unit 9	11.05	65.66	479	425
Total	55.38	339.70		
Paras				
Unit 3	5.57	32.22	248	200
Unit 4	5.44	32.31	244	210
Total	11.01	64.52		
Khaparkheda				
Unit 1	3.30	19.42	155	120
Unit 2	3.61	21.62	165	115
Unit 3	4.43	26.40	205	135
Unit 4	3.92	24.32	185	130
Unit 5	0.16	0.16	95	0
Total	15.42	91.94		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.68	21.08	197	123
Unit 5	0.00	0.00	0	0
Total	3.68	21.08		
Uran				
All Units	5.94	39.84	315	130
Total	5.94	39.84		
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)	0.49	2.98	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.49	2.98		
Koyna				
Stage 1-2	3.28	17.59	525	40
Stage 4	2.33	13.43	497	0
Stage 3	1.19	6.78	80	0
Total	6.79	37.81		
Hydro				
KDPH	0.44	3.31	19	19
VTRNA	0.44	2.55	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.96	40	0
RNGR+BHTSA	0.36	2.15	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	2.84	20	19
GHATGHAR	1.51	8.30	250	0
Total	3.41	21.18		
Wind				
Total	12.15	62.92	0	0
Total	12.15	62.92		
CPP				
APML(Mus)	55.65	334.39	0	0
JSWEL(Mus)	11.56	75.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.03	162.30	0	0
WPCL(Mus)	7.86	46.44	0	0
Other(Mus)	18.28	111.40	0	0
Total	121.37	729.93		
SOLAR				
Total	8.03	46.09	0	0
Total	8.03	46.09		
Tata				
Trombay 5	9.16	53.92	448	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.25	12.08	83	0
Trombay 7B	0.14	7.41	56	0
Trombay 8	4.62	26.46	239	137
TATA Hydro	3.40	18.61	398	0
Total	17.57	118.49		
AEML				
DTPS U-1&2	9.87	48.85	501	163
Total	9.87	48.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.65	960.30	MSPGCL Total	173.78	1059.13
			MSPGCL Thml+Gas	163.58	1000.14	Koyna 1,2 & 4 Total	5.60	31.02
			MSPGCL Hydro	10.19	58.99	State Total	342.77	2065.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Feb/2021

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	6535	94	284	6914	373	4184	0	0	5478	5268	-859	15880	0	15880	1636	17516	49.98
2	6150	94	294	6538	477	4177	0	0	5395	5092	-687	15598	0	15598	1538	17136	49.97
3	5965	98	293	6356	568	4168	0	0	5310	5120	-612	15600	0	15600	1462	17062	49.97
4	5715	214	294	6222	649	4178	0	0	5237	5350	-681	15718	0	15718	1425	17144	49.96
5	6088	98	293	6480	863	4184	0	0	5338	5286	-686	16126	0	16126	1428	17554	50.00
6	6553	94	294	6940	990	4488	0	0	5682	5770	-777	17412	0	17412	1513	18924	49.99
7	6585	218	315	7118	945	4806	0	4	6057	6093	-815	18150	0	18150	1607	19758	50.02
8	6785	1110	294	8190	758	5243	0	91	5778	5765	-619	19428	0	19428	1746	21174	49.97
9	6795	996	294	8084	514	5549	0	374	6085	6257	-599	20180	0	20180	1972	22152	50.04
10	6893	918	291	8102	486	5605	0	734	6376	6475	-725	20678	0	20678	2200	22878	50.03
11	6963	692	270	7924	440	5556	0	972	6740	6692	-810	20774	0	20774	2356	23130	50.02
12	6960	1016	288	8264	338	5537	0	1120	6644	6466	-899	20826	0	20826	2399	23224	49.98
13	6907	898	267	8072	212	5584	0	1175	6661	6648	-975	20716	0	20716	2349	23066	50.03
14	6858	456	266	7580	129	5497	0	1135	6673	6790	-944	20188	0	20188	2254	22442	50.01
15	6808	504	265	7576	138	5505	0	995	6808	7025	-1022	20218	0	20218	2258	22476	49.97
16	6799	398	265	7462	122	5548	0	793	6777	6844	-990	19778	0	19778	2256	22034	49.99
17	6727	678	266	7672	142	5531	0	482	6068	6011	-838	19000	0	19000	2255	21254	49.96
18	6732	398	262	7392	210	5554	0	151	5708	5727	-836	18198	0	18198	2239	20438	50.02
19	6746	238	130	7114	368	5576	0	6	5002	5059	-748	17376	0	17376	2295	19670	49.99
20	6738	236	150	7124	543	5597	0	0	4975	4870	-765	17370	0	17370	2333	19702	50.00
21	6425	246	130	6802	617	5288	0	0	4722	4736	-1007	16436	0	16436	2212	18648	50.01
22	6320	236	150	6706	663	4883	0	0	5243	5018	-1065	16206	0	16206	2072	18278	50.02
23	6302	164	140	6606	788	4591	0	0	5199	5407	-1097	16294	0	16294	1907	18202	49.97
24	6297	98	140	6534	814	4545	0	0	5119	4802	-997	15698	0	15698	1782	17480	50.00
MUs	157.65	10.19	5.93	173.78	12.15	121.37	0.00	8.03	139.07	138.57	-20.05	433.85	0.00	433.85	47.49	481.34	50.00

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 06/Feb/2021

Position as on 6.30 Hrs of 07/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00	06/02/2021	11.51	Capital Overhaul	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13	06/02/2021	21.44	Annual Overhaul	
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
AEML	AEML Unit 2	250	04/02/2021	06.14	06/02/2021	00.46	condenser problem.	
TPC-G	Trombay 7B	60	06/02/2021	02.47	07/02/2021	14.14	Withdrawal for gas control value inspection & repair work.	
TPC-G	Trombay 7A	120	06/02/2021	03.04	07/02/2021	09.33	Withdrawal for gas control value inspection & repair work.	
MSPGCL	Uran Unit 5	108	06/02/2021	17.55	07/02/2021	21.54	System Jerk.	
MSPGCL	Chandrapur Unit 5	500	06/02/2021	20.16		Continued.	Clinker Formation In Boiler.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 07/Feb/2021

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 II	InterState	05/02/2021	17.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/02/2021	20.18	06/02/2021	07.56	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	06/02/2021	14.47	06/02/2021	18.26	PO	Faulty Disc Insulator Replacement Work & Cold Line Washing Work.
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	06/02/2021	22.48	07/02/2021	00.23	PO	Relay Maloperated.
Jaigad-Karad Ckt-I	IntraState	07/02/2021	03.06	07/02/2021	09.37	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/02/2021	11.57	07/02/2021	18.08	EO	Due to Sparking at PG Isolator At Padgha End.
Khadka- Deepnagar Ckt 1	IntraState	07/02/2021	15.24		Continued.	EO	Low SF6 Alarm Of Main CB.
Dhule - Bableshwar - II	IntraState	07/02/2021	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/02/2021	21.35		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	06/02/2021	13.12	06/02/2021	20.07	PO	For Diagnostic Testing & Routine Bay Maintenance Work.
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	06/02/2021	19.53	06/02/2021	21.11	T	ICT 3 Is Tripped From LV Side ON PDR AT 06.05AM & HV Side CB Remain Closed.
400/220/33 Kv 500 MVA ICT-III @Parali (Girwali)	IntraState	07/02/2021	12.22		Continued.	EO	For Investigation the tripping of breaker on PDRO on DT.06.02.2021
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	07/02/2021	18.08		Continued.	T	NDR.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
EKLAHARE (OCR) Nasik Navsari II	InterState	06/02/2021	09.40	06/02/2021	20.12	PO	Line Maintenance work
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Mulund	IntraState	01/02/2021	06.25	06/02/2021	19.11	PO	Replacement of conductor by HTLS Conductor.
Padghe - Kambha	IntraState	05/02/2021	09.16	06/02/2021	13.48	PO	CT Tan Delta and Compressor Overhauling work.
Phursungi-Serum	IntraState	05/02/2021	12.05	06/02/2021	19.27	T	Distance Protection
Chitegaon-Shendra Ckt-I	IntraState	05/02/2021	12.07	06/02/2021	19.38	PO	220kv Shendra PGCIL Ckt No. I, 245kv Circuit Breaker Servicing & Overhauling work by Agency & Quarterly Maint. & 89C Isolator Maintenance work.
Chandrapur(MIDC)-Ballarshah II	IntraState	06/02/2021	08.26	06/02/2021	19.44	PO	A)Fixing of jumper missing N & B. B)Tightening of jumper N&B. C) Tightening of Tower N & B. D) Suspension clamp of pilot string. E) Other miscellaneous work.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	06/02/2021	08.30	06/02/2021	20.05	PO	A) Fixing of jumper missing N & B. B)Tightening of jumper N&B. C) Tightening of Tower N & B. D) Suspension clamp of pilot string. E) Other miscellaneous 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 06/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 07/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandage - Sawantwadi I	IntraState	06/02/2021	09.08	06/02/2021	17.47	PO	Replacement Of Faulty Insulator.
Koyna (Pophali) - Kdph	IntraState	06/02/2021	10.00	06/02/2021	17.00	PO	For Cold Washing Of Polymer Insulator strings
Karad(400kv) - Ogalewadi Ckt 1	IntraState	06/02/2021	10.01	06/02/2021	19.08	PO	Main Bus Isolator Maintenance Work.
Karad - Vita Ckt- I	IntraState	06/02/2021	10.30	06/02/2021	18.47	PO	Conversion of SSN To DSN AT loc NO.24.64.94.108.
Bhugaon - Lloyed Steel	IntraState	06/02/2021	10.50	06/02/2021	17.30	PO	1) Tan delta Measurement of CT , CC 2) CRM & CB Timing Measurement 3) IR Measurement of CT, PT , LA 4)Commissioning of New AMR meter By testing unit Wardha 5) Routine bay Maintenance Work.
Padgha-Temghar-II	IntraState	06/02/2021	10.57	06/02/2021	14.09	PO	For Replacement Of Faulty LMU OF CC.
Pusad-Ghatodi	IntraState	06/02/2021	11.06	06/02/2021	18.15	PO	Replacement of B-PH (STN) CT side Insulator string Of aux. High bus Gantry half Yearly routine Maintenance Work of Bay.
Lonikand-VSNL	IntraState	06/02/2021	12.17	06/02/2021	14.47	PO	For Line Signature Analysis Of the line.
Sawantwadi-Bidri	IntraState	06/02/2021	18.45	06/02/2021	21.03	T	Distance Protection R PH, Z-1.
Trombay - Mulund	IntraState	07/02/2021	17.50	07/02/2021	20.43	EO	Earth wire Snapped Between loc.51 & 52.
Trombay - Kalwa	IntraState	07/02/2021	17.51	07/02/2021	20.56	EO	Earth wire Snapped Between loc.51 & 52.
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	03/02/2021	08.18		Continued.	PO	33KV AIS to GIS work
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	03/02/2021	11.34		Continued.	PO	Commissioning of New T/F Protector(Fire Protection scheme)
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	06/02/2021	06.28	06/02/2021	08.32	PO	Project Work In Vicinity.
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	06/02/2021	08.54	06/02/2021	19.03	PO	Restoration Of CTR System & Diagnostic Work.
220/33kV 125 MVA T/F-I @ Goregaon	IntraState	06/02/2021	08.54	06/02/2021	20.37	PO	Replacement of E/S Cum Disconnector Operating Spindle Along with O' Ring Of 33Kv SW.No.04 & 25 (I/C of 125 MVA
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	06/02/2021	11.00	06/02/2021	13.30	PO	Diagnostic Testing For SFRA, & TAN Delta.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	06/02/2021	13.14	06/02/2021	15.39	PO	Routine Maintenance Work
220/132kV 150MVA ICT-II @ Bhenda	IntraState	06/02/2021	13.45	06/02/2021	17.21	PO	Diagnostic Testing For SFRA, & TAN Delta.
220/33kV 125 MVA Transformer 2 @Saki R/S	IntraState	07/02/2021	09.58	07/02/2021	21.07	PO	Replacement Of E/S Cum Disconnector Operating Spindle Alongwith O'ring. Of 33KV Sw. No.25 And 40.

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