

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Nov/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.082	263.371	1) Gujrat	1.313	2.167
2) Hydro	5.767	9.213	2) Madhya Pradesh	7.438	13.676
3) Gas	6.654	13.311	3) Chattisgarh	6.840	13.240
Total MSPGCL	145.503	285.895	4) Maharashtra	123.707	245.436
B) 1) APLM	64.327	126.310	5) Goa (Amona)	-1.495	-2.450
2) JSWEL	17.518	34.983	Total	137.803	272.069
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.210	48.451
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.731	49.390
5) WPCL	7.357	13.918	c) MSEDCL Bilateral *	29.411	57.016
6) Other IPP	10.510	20.669	Include PX	0.940	1.749
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.210	48.451
C) 1) TPCL Thermal	14.997	30.256	Include PX	17.911	32.845
2) TPCL Hydro	3.181	4.399	Standby	0.000	0.000
3) TPCL Gas	4.394	8.785	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.658	9.318	1) MSEDCL	373.026	734.719
D) STATE			2) Mumbai Discoms	54.961	102.148
1) Thermal	252.449	498.825	TOTAL STATE	427.987	836.867
(A1+C1+C4+(B1-B6))					
2) Hydro	8.948	13.612			
(A2+C2)					
3) Gas	11.048	22.096			
(A3+B7+C3)					
4) Wind	11.353	17.486			
6) SOLAR	6.386	12.779			
TOTAL STATE	290.184	564.798			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5965	5960	6047	4447
MSPGCL Hydro	123	575	971	79
MSPGCL Gas	268	267	279	293
MSPGCL Total Generation	6356	6802	7297	4819
Central Sector Receipt	6547	6345	5478	5158
WIND	399	304	221	647
CPP / IPP Thermal	4052	4487	4872	3647
CPP / IPP Gas	0	0	0	0
SOLAR	951	497	0	0
Exchange with Mumbai	-1377	-1347	-1166	-954
MSEDCL DEMAND MET	16928	17088	16702	13317
Load Shedding	0	0	0	0
MSEDCL DEMAND	16928	17088	16702	13317
TPCL GENERATION	1095	1090	1210	596
AEML GENERATION	250	250	250	146
MUMBAI DEMAND	2722	2687	2626	1696
STATE DEMAND MET	19650	19775	19328	15013
STATE DEMAND	19650	19775	19328	15013
Frequency (Hz)	50.02	49.97	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.02 Hrs	49.77 Hz at 17.40 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 02/Nov/2020

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	12.49	21.07	583	370
Unit 9	0.00	0.00	0	0
Unit 10	9.00	18.02	385	360
Total	21.49	39.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.82	18.86	500	280
Unit 5	9.88	19.26	495	275
Total	19.70	38.11		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.41	8.84	226	36
Unit 7	0.00	0.00	0	0
Unit 8	1.35	1.35	216	0
Total	5.76	10.20		
Chandrapur				
Unit 3	3.86	7.68	178	119
Unit 4	3.67	7.37	162	125
Unit 5	8.77	18.28	420	275
Unit 6	9.34	18.88	425	280
Unit 7	0.00	0.00	0	0
Unit 8	10.84	22.14	480	275
Unit 9	10.74	22.24	482	280
Total	47.22	96.60		
Paras				
Unit 3	5.55	11.27	251	185
Unit 4	5.10	10.87	242	114
Total	10.64	22.14		
Khaparkheda				
Unit 1	3.62	7.25	160	135
Unit 2	3.96	7.86	180	140
Unit 3	3.77	7.68	185	100
Unit 4	3.96	8.01	185	140
Unit 5	9.77	20.06	440	330
Total	25.09	50.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.18	6.38	147	126
Unit 5	0.00	0.00	0	0
Total	3.18	6.38		
Uran				
All Units	6.65	13.31	293	257
Total	6.65	13.31		
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)	0.10	0.25	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.25		
Koyna				
Stage 1-2	2.98	4.78	540	40
Stage 4	0.52	0.52	241	0
Stage 3	0.65	1.22	80	0
Total	4.14	6.52		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.11	0.11	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.22	40	0
RNGR+BHTSA	0.35	0.71	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.46	0.93	20	18
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.60	0.73	250	0
Total	1.63	2.69		
Wind				
Total	11.35	17.49	0	0
Total	11.35	17.49		
CPP				
APML(Mus)	64.33	126.31	0	0
JSWEL(Mus)	17.52	34.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.36	13.92	0	0
Other(Mus)	10.51	20.67	0	0
Total	99.71	195.88		
SOLAR				
Total	6.39	12.78	0	0
Total	6.39	12.78		
Tata				
Trombay 5	9.94	19.82	466	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	5.62	118	116
Trombay 7B	1.59	3.17	67	65
Trombay 8	5.06	10.44	232	134
TATA Hydro	3.18	4.40	383	0
Total	22.57	43.44		
AEML				
DTPS U-1&2	4.66	9.32	250	144
Total	4.66	9.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.08	263.37	MSPGCL Total	145.50	285.90
			MSPGCL Thml+Gas	139.74	276.68	Koyna 1,2 & 4 Total	3.49	5.30
			MSPGCL Hydro	5.77	9.21	State Total	290.18	564.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Nov/2020

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	4628	79	291	4998	668	3621	0	0	5252	5223	-1025	13485	0	13485	2015	15500	50.02
2	4285	74	272	4631	657	3647	0	0	5213	5156	-903	13188	0	13188	1884	15072	50.02
3	4277	79	292	4648	638	3645	0	0	5138	5233	-911	13253	0	13253	1766	15019	50.01
4	4447	79	293	4819	647	3647	0	0	5092	5158	-954	13317	0	13317	1696	15013	50.01
5	4891	79	282	5252	668	3679	0	0	5103	5091	-930	13760	0	13760	1675	15435	49.99
6	5536	89	292	5917	676	3817	0	0	5152	5514	-969	14955	0	14955	1715	16670	50.00
7	5736	155	282	6173	593	4287	0	10	6010	5904	-1014	15953	0	15953	1763	17716	50.02
8	5761	159	282	6202	524	4740	0	161	6332	5955	-1012	16570	0	16570	1895	18465	50.01
9	5801	78	292	6171	327	4644	0	428	6409	6428	-1060	16938	0	16938	2149	19087	50.02
10	5852	78	280	6210	334	4552	0	678	6361	6261	-1225	16810	0	16810	2439	19249	50.01
11	5987	101	268	6356	478	4102	0	847	6807	6576	-1401	16958	0	16958	2647	19605	49.98
12	5965	123	268	6356	399	4052	0	951	6816	6547	-1377	16928	0	16928	2722	19650	50.02
13	5916	162	266	6344	339	3929	0	936	6624	6437	-1352	16633	0	16633	2701	19334	49.97
14	5922	166	257	6345	359	3789	0	873	6494	6816	-1356	16826	0	16826	2626	19452	49.98
15	5951	347	265	6563	312	4159	0	752	6293	6402	-1420	16768	0	16768	2664	19432	49.89
16	5960	575	267	6802	304	4487	0	497	6273	6345	-1347	17088	0	17088	2687	19775	49.97
17	5967	410	278	6655	206	4861	0	220	5907	5888	-1216	16614	0	16614	2649	19263	50.01
18	6036	717	258	7011	186	4848	0	33	5479	5393	-1129	16342	0	16342	2588	18930	49.94
19	6047	971	279	7297	221	4872	0	0	5483	5478	-1166	16702	0	16702	2626	19328	49.99
20	6143	541	279	6963	252	4765	0	0	5624	5409	-1213	16176	0	16176	2599	18775	50.01
21	5979	155	270	6404	409	4172	0	0	5714	5346	-1198	15133	0	15133	2479	17612	50.01
22	5494	235	280	6009	526	3843	0	0	5355	5293	-1179	14492	0	14492	2379	16871	50.00
23	5502	155	271	5928	719	3806	0	0	5144	5015	-1193	14275	0	14275	2323	16598	50.03
24	4999	160	290	5449	911	3748	0	0	5241	4935	-1181	13862	0	13862	2274	16136	50.02
MUs	133.08	5.77	6.65	145.50	11.35	99.71	0.00	6.39	139.32	137.80	-27.73	373.03	0.00	373.03	54.96	427.99	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 02/Nov/2020

Position as on 6.30 Hrs of 03/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
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)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
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	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	29/10/2020	02.15		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	30/10/2020	21.55	02/11/2020	15.39	Boiler Tube Leakage	
AEML	AEML Unit 2	250	31/10/2020	18.47		Continued.	Milling system problems	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	02/11/2020	23.28		Continued.	Excess DM water consumption.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 03/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
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	31/10/2020	18.09		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	01/11/2020	23.12	02/11/2020	00.52	EO	Safety purpose.
Kolhapur Solapur(PG) I	InterState	02/11/2020	17.01	02/11/2020	23.24	EO	Red hot spot.
Waluj Aurangabad(PG) II	InterState	02/11/2020	23.12	02/11/2020	00.52	HT	To Facilitate the outage on Pune Gis ckt 1
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	01/11/2020	19.21	02/11/2020	07.46	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/11/2020	20.12	02/11/2020	09.13	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	01/11/2020	22.47	02/11/2020	01.13	EO	Attending Hot Spot
Lonikand I - Koyna stage-IV	IntraState	01/11/2020	23.18	02/11/2020	08.23	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	02/11/2020	08.55	02/11/2020	18.21	PO	Diagnostic testing & Relay testing work.
Padghe - Nagothane - I	IntraState	02/11/2020	09.20	02/11/2020	17.25	PO	Jumper tightening and cold washing work.
Dhule - Ssnnl I	IntraState	02/11/2020	15.10		Continued.	PO	Replacement of Damaged earth wire.
Khadka-Aurangabad (Waluj)	IntraState	02/11/2020	19.40		Continued.	HT	To control 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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	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
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	01/11/2020	03.34		Continued.	T	Differential protection
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	02/11/2020	09.05	02/11/2020	17.57	PO	Replacement of 33kv b& r phase pt tertiary.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Tillari Amona	InterState	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS 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
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Pusad - Hingoli	IntraState	02/11/2020	08.54	02/11/2020	15.27	PO	1.c & tan delta Measurement Of line CTs & CCs, 2. CRM, CB

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 02/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 03/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Timing, IR values 3.Routine Maintenance Work.
Nagothane - MSL	IntraState	02/11/2020	08.59	02/11/2020	18.52	PO	For CT replacement work at MSL end s/s.
Ghatghar - Jindal	IntraState	02/11/2020	09.44	02/11/2020	18.51	PO	Urgent work to be carried out in JSW switchyard. 1.220kV CT (6 nos.) replacement work. The Company has planned shutdown on 02.11.2020 to 03.11.2020.
Vita-Khanapur(Mahuli Tap)	IntraState	02/11/2020	09.46	02/11/2020	17.20	PO	Restranging work at Loc No.111-122 of 220kV Vita-Khanapur line.
mudshingi Bus section no.1	IntraState	02/11/2020	09.55	02/11/2020	13.25	PO	220 kV bus section I and 220 kV PT-I with 50MVA CGL & BBL Power T/F.
Talandge-Mudshingi Ckt-I	IntraState	02/11/2020	10.03	02/11/2020	18.51	PO	Replacement of earthwire on D/C tower Loc No293 To 299 of 220 KV Mudshingi-Chikodi line & 220 KV Mudshingi-Talandge ckt-1.
Padghe - Jindal	IntraState	02/11/2020	10.13	02/11/2020	19.50	OO	Main Bus Isolator maintenance.
Adlabs - Pedambe	IntraState	02/11/2020	11.00	02/11/2020	16.40	PO	Line & Bus isolatar maintenance work at Adlabs end by agency .
Kanhan-Umred 1	IntraState	02/11/2020	11.17	02/11/2020	15.56	PO	For RPH CC Replacement Work.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	02/11/2020	11.35	02/11/2020	15.04	PO	Routine Maintenance Work & diagnostic Testing Work.
Tambati - Adlabs	IntraState	02/11/2020	11.36	02/11/2020	14.40	PO	Bus isolatar maintenance work at Adlabs end by agency and AMR interface meter charging work.
Loteparshuram- Dasturi Line	IntraState	02/11/2020	12.56	02/11/2020	17.40	HT	Dasturi end y phase wave trap jumper broken.
Taptitanda- Jalna ckt- I	IntraState	02/11/2020	15.38	02/11/2020	18.14	PO	CT Tan D & Routine Maintenance Work.
220 KV ICT Outages/Trippings							
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	01/11/2020	10.17	02/11/2020	00.11	PO	Attending bushing oil leakage.
220/132 KV 100MVA ICT @ Kawlewadi	IntraState	02/11/2020	08.19	02/11/2020	17.55	PO	Diagnostic Testing work & Relay testing Work.
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	02/11/2020	12.36	02/11/2020	19.54	PO	1)Tan Delta Measurement of CT,bushing, Winding 2)CRM, CB timing Measurement Diagnostic Testing Measurement.

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