



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

19/Mar/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/Mar/2013 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.580	2184.819	1) Gujrat	24.189	320.280
2) Hydro	17.275	387.948	2) Madhya Pradesh	18.941	393.007
3) Gas	7.598	166.092	3) Chattisgarh	9.340	172.670
Total MSGENCO	146.453	2738.859	4) Maharashtra	83.954	1558.608
B) 1) JSW JAIGAD	20.165	371.971	5) Goa	-6.396	-118.223
2) WPCL	8.789	152.400	6) TAPS 1&2 Injection	0.000	12.630
3) ADANI	0.000	7.110	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	9.207	180.406	8) Pench (Excess)	-0.042	-4.525
5) Wind Generation	7.244	103.113	# Total Cent. Sector	129.986	2334.447
6) PENCH (MS)	0.042	4.525	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.402	-212.265
1) TPCL Thermal	27.257	479.338	G) Bilateral Power *		
2) TPCL Hydro	3.919	87.860	1) MSEDCL Bilateral	45.037	690.033
TOTAL TPCL	31.176	567.198	Include PX	19.690	217.042
3) REL Thermal	11.998	233.230	2) MUMBAI Bilateral	16.269	249.669
D) STATE			Include PX	4.535	43.970
1) Thermal (A1+C1+C3)	160.835	2897.387	3) MUMBAI Schedule	16.768	255.117
2) Hydro (A2+B5+C2)	21.236	480.333	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.598	166.092	1) MSEDCL	308.484	5680.566
4) Wind (B4)	7.244	103.113	2) TPCL	37.507	668.214
5) CPP (B1+B2+B3)	38.161	704.777	3) REL	19.058	344.472
TOTAL STATE	235.074	4351.702	TOTAL STATE	365.049	6693.252

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5009	5078	5012
MSGENCO Hydro	1771	815	114
MSGENCO Gas	318	304	322
MSGENCO Total Generation	7098	6197	5448
Central Sector Receipt	5869	5966	5040
WIND	126	197	305
CPP / IPP	1644	1565	1475
Exchange with Mumbai	-705	-758	-233
MSEDCL DEMAND MET	14032	13167	12035
Load Shedding	636	460	122
MSEDCL DEMAND	14668	13627	12157
TPCL GENERATION	1594	1518	909
R-INFRA GENERATION	525	517	524
TPCL+R-INFRA DEMAND	2824	2793	1666
STATE DEMAND MET	16856	15960	13701
STATE DEMAND	17492	16420	13823
Frequency (Hz)	50.00	50.10	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.5 Hz at 17:04 Hrs	49.59 Hz at 19:12 Hrs	50.02	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 19/Mar/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	4.25	58.84	183	168	170
Unit 7	4.29	78.94	195	142	180
Total	8.54	137.77			350
Bhusawal					
Unit 2	3.66	65.16	165	145	150
Unit 3	3.81	68.41	165	135	160
Unit 4	11.58	127.12	510	415	500
Unit 5	4.94	41.50	250	140	0
Total	23.99	302.19			810
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
Total	0.00	0.00			0
Chandrapur					
Unit 1	3.28	62.63	142	133	145
Unit 2	3.64	53.88	156	143	150
Unit 3	4.62	90.53	198	181	200
Unit 4	4.46	86.86	200	145	200
Unit 5	9.75	186.80	425	390	425
Unit 6	10.55	158.12	450	425	425
Unit 7	10.00	186.37	427	403	425
Total	46.30	825.20			1970
Paras					
Unit 3	5.58	91.08	258	200	250
Unit 4	4.84	104.34	215	177	220
Total	10.43	195.43			470
Khaparkheda					
Unit 1	3.80	70.19	195	140	190
Unit 2	3.47	75.24	180	110	190
Unit 3	4.07	74.42	181	155	200
Unit 4	4.61	90.69	211	167	200
Unit 5	7.87	194.85	410	245	300
Total	23.82	505.38			1080
Nasik					
Unit 3	0.00	67.16	0	0	0
Unit 4	4.18	79.75	183	166	185
Unit 5	4.32	71.95	189	173	195
Total	8.50	218.86			380
Uran					
All Units	7.60	166.09	329	301	310
Total	7.60	166.09			310
PENCH (MS)					
Pench (MS)	0.04	4.52	27	0	0
Total	0.04	4.52			0
Koyna					
Stage 1-2	3.64	99.40	480	40	600
Stage 4	8.10	154.17	958	0	250
Stage 3	2.18	54.26	234	0	240
Kovna 12&4 Total	11.75	253.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	13.92	307.82			1090
Hydro					
KDPH	0.46	11.42	19	19	18
VTRNA	0.89	11.98	61	0	60
TILLARI	0.12	2.18	59	0	60
BHTGR/VEER	0.06	0.13	3	2	2
BHIRA T.R.	0.18	5.21	76	0	40
RNGR+BHTSA	0.33	6.52	14	13	14
BHANDARDRA	0.00	5.58	0	0	25
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.78	18.57	33	32	0
GHATGHAR	0.54	17.08	250	0	0
Total	3.35	78.67			219
Wind					
MalharPeth	0.42	5.36			
Vankuswadi	0.62	8.52			
ATIT	0.12	1.59			
Kale	0.18	2.83			
Satara	1.51	13.22			
Shirala	0.26	3.98			
K Mahankal	0.01	8.11			
Supa	0.22	2.31			
Vita	0.62	13.37			
Dondaicha	1.89	26.17			
Sakri	0.24	3.60			
Nandurbar	0.17	2.55			
Khandke	0.56	7.25			
Khaparale	0.42	4.25			
Total	7.24	103.11			
CPP					
JSW JAIGAD	20.16	371.97	892	728	807
WARDHA	8.79	152.40	372	359	369
Adani	0.00	7.11	0	0	
Other CPPs	9.21	180.41			
Total	38.16	711.89			1176
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.28	221.71	504	307	500
Trombay 6	5.35	70.17	359	157	500
Trombay 7A	2.96	54.60	126	119	120
Trombay 7B	1.62	30.52	69	67	60
Trombay 8	6.04	102.33	255	250	250
TATA Hydro	3.92	87.86	453	0	447
Total	31.18	567.20			1877
REL					
1&2	12.00	233.23	527	264	500
Total	12.00	233.23			500
Cent Sect					
Share					5247
Total					5247

MS PG CL	Thermal	121.58	2184.82			5060
	Thml+Gas	129.18	2350.91			5370
	Hydro	17.28	387.95			1309
	Total	146.45	2738.86			6679
State Total		235.07	4351.70			15479

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Mar/2013

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5079	180	322	5581	417	1583	4807	5032	-456	-336	12277	53	12330	1996	14326	49.95
2	5091	114	323	5528	388	1481	4797	5002	-444	-255	12144	116	12260	1822	14082	49.95
3	5082	114	326	5522	400	1478	5028	5185	-433	-269	12316	117	12433	1729	14162	50.08
4	5012	114	322	5448	305	1475	5008	5040	-399	-233	12035	122	12157	1666	13823	50.05
5	5015	119	325	5459	260	1471	4845	5145	-398	-211	12124	161	12285	1646	13931	50.03
6	5020	381	325	5726	244	1478	4742	5058	-394	-209	12297	357	12654	1744	14398	49.97
7	4954	381	329	5664	179	1585	5208	5326	-442	-245	12509	932	13441	1860	15301	50.01
8	4999	663	329	5991	73	1642	5158	5424	-448	-343	12787	957	13744	1979	15723	50.03
9	5052	1167	326	6545	38	1634	5197	5571	-565	-496	13292	889	14181	2248	16429	50.03
10	5047	1799	312	7158	53	1634	5389	5512	-700	-652	13705	619	14324	2619	16943	49.98
11	5009	1771	318	7098	126	1644	5628	5869	-824	-705	14032	636	14668	2824	17492	50.00
12	4999	1583	305	6887	127	1641	5701	5850	-893	-718	13787	733	14520	2886	17406	49.98
13	5023	1301	304	6628	87	1644	5687	5833	-900	-833	13359	903	14262	2877	17139	50.03
14	5026	1213	301	6540	142	1639	5723	5931	-1293	-966	13286	764	14050	2742	16792	50.17
15	5049	1117	301	6467	157	1638	5820	5880	-1206	-912	13230	598	13828	2784	16612	49.93
16	5100	1042	303	6445	165	1609	5770	5989	-968	-771	13437	499	13936	2808	16744	50.00
17	5078	815	304	6197	197	1565	5925	5966	-831	-758	13167	460	13627	2793	16420	50.10
18	5133	340	311	5784	275	1570	5165	4937	-793	-763	11803	499	12302	2732	15034	50.19
19	5112	423	311	5846	386	1570	5105	5425	-798	-711	12516	0	12516	2634	15150	49.96
20	5149	1193	317	6659	543	1629	5217	5428	-851	-745	13541	0	13541	2695	16236	49.98
21	5178	640	318	6136	681	1644	5210	5328	-835	-711	13088	0	13088	2591	15679	50.00
22	5190	274	322	5786	702	1641	5084	5237	-711	-596	12775	0	12775	2418	15193	50.04
23	5098	220	320	5638	611	1640	4941	4948	-615	-480	12357	0	12357	2306	14663	49.96
24	5085	311	324	5720	688	1626	4805	5070	-570	-484	12620	0	12620	2177	14797	50.01
MUs	121.58	17.28	7.60	146.45	7.24	38.16	125.96	129.99	-16.77	-13.40	308.48	9.42	317.90	56.58	374.48	50.02

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 19/Mar/2013

Position as on 6.30 Hrs of 20/Mar/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 5	200	16/09/2012	04.23		Continued.	C.O.H.,Generator Stator Replacement.	12/04/2013
Parli Unit 4	210	28/11/2012	02.37		Continued.	water shortage.	
Koyna Unit 12	80	29/11/2012	08.30		Continued.	A/OH.	
Cent_Sect Tarapur 2	80	31/12/2012	17.05		Continued.	Refuelling work	20/03/2013
Parli Unit 6	250	25/01/2013	19.49		Continued.	Water Shortage/AOH from 06.03.2013	
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Parli Unit 5	210	14/02/2013	22.45		Continued.	Water Shortage	
Parli Unit 7	250	17/02/2013	01.00		Continued.	Water Shortage.	
FORCED OUTAGE							
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
Dabhol 3A	230	03/12/2012	21.23		Continued.	Gas Shortage	
Dabhol 2B	230	03/01/2013	13.29		Continued.	Gas shortage.	
CPP Adani U1	660	31/01/2013	17:05		Continued.	400kV Tirora-Warora isolator sparking	
CPP WPCL U-4	135	04/02/2013	19.16		Continued.	ID fan vibration problem.	
Dabhol 2A	230	06/02/2013	21.32		Continued.	Gas Shortage	
Dabhol 2X	290	06/02/2013	21.32		Continued.	Gas Shortage	
Dabhol 3X	290	21/02/2013	23.04		Continued.	Gas shortage.	
Dabhol 3B	230	21/02/2013	23.08		Continued.	Gas shortage.	
CPP JSW (J) U1	300	27/02/2013	21:15		Continued.	Bearing Vibration Problem.	
Cent_Sect Tarapur 1	80	04/03/2013	05.30		Continued.	Pressure Pump Seal Leakage.	
Uran Unit 6	108	05/03/2013	05:30		Continued.	Gas Shortage.	
CPP Adani U-2	660	11/03/2013	09.31		Continued.	Boiler Tube Leakage.	
Uran Unit 5	108	16/03/2013	00.26		Continued.	Gas Shortage.	
Nasik Unit 3	210	17/03/2013	10.20		Continued.	ID Fan Problem.	
REL 2	250	19/03/2013	12.47	19/03/2013	14.25	Over speeding of Generator.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2013

Position as on 6.30 Hrs of 20/Mar/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Wardha (PG) - Warora - I	19/03/2013	15.34		Continued.	SPS Testing at Tiroda.(Ready for charging at 23.00Hrs.)
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Padgha-Tarapur - II	19/03/2013	09.42	19/03/2013	19.48	Hot line washing system at switch yard at Tarapur.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Warora - Deoli - II	08/03/2013	13.07		Continued.	Hand Tripped,Charged Upto Dead End Tower @ 12.52 Hrs on 8.3.2013.
Kolhapur - Mapusa - II	15/03/2013	17.10	19/03/2013	09.30	Over Voltage.
Kolhapur-Solapur (PG) II	17/03/2013	16.37		Continued.	Over Voltage.
Seoni-Wardha-II 765KV.	17/03/2013	17.46		Continued.	Over Voltage.
Dabhol - NewKoyna - II	18/03/2013	21.21	19/03/2013	09.23	Over Voltage.
Akola - Wardha - I	18/03/2013	23.23	19/03/2013	05.08	Over Voltage.
Kolhapur - Mapusa - I	19/03/2013	21.53		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Warora - Tiroda - II	18/03/2013	16.15		Continued.	Over Voltage,while charging Warora-Tiroda I first time charge.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	15/01/2013	09.51		Continued.	Replacement of Old Not working CT
400/220 KV315 MVA ICT-I @ BBLR	05/03/2013	10:12		Continued.	On TBC on 220 KV for Replacement of LV BKR.(Problem in Pressure Switch)
400/220 KV 315 MVA ICT-I @ Nagothane	13/03/2013	09.57		Continued.	CTR Installation,Breaker Overhauling
Koradi-Khaparkheda-I	14/03/2013	10.05		Continued.	Erection of 3 No's of 400KV CT,CT Testing & CB Trials,Tie Bkr @ K'kheda Out.Line in Service.
Warora-Tiroda-I	19/03/2013	15.04		Continued.	SPS testeing work.(Ready for charging at.21.20 Hrs.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalwa - Khargar	15/02/2013	13.20		Continued.	Mumbai strengthing work for 20 Days.Reconfigur as 220KV Khargar-Mahape.
220/100KV 200 MVA ICT-I @ Padgha	06/03/2013	11.41		Continued.	Isolator replacement work(Up to 26/3/13)
Khargar-Nerul	12/03/2013	06.29	19/03/2013	14.34	Mumbai Strengthening Work.
Wardha-Rly.TSS-II	14/03/2013	10.08		Continued.	Replacement of CB & R,Y,B Ph. LA.
Kalwa-Nerul	17/03/2013	08.11		Continued.	Removing cross jumper at L.no 16-17 and fixing jumper at L.no 16 of Khargar-Nerul line.
Kanhan - Umred - I	18/03/2013	11.52		Continued.	Retrofitting of distance relay.
TBC @ 220 KV Parli - I	19/03/2013	09.30		Continued.	Replacment of CT under LES.
220/132 KV 200 MVA ICT-II @ Harangul	19/03/2013	10.03	19/03/2013	16.39	Replacement of R ph.bushing.
Main Bus @ Satara	19/03/2013	10.40	19/03/2013	17.55	Q.M.Work
Satara,MIDC-Wankuswadi 2	19/03/2013	10.40	19/03/2013	17.55	Q.M.Work.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2013

Position as on 6.30 Hrs of 20/Mar/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
New Paras TPS - Akola - I	19/03/2013	10.56	19/03/2013	14.24	Attending hot spot R ph jumper sleeves of isolator.
220/132 KV 200 MVA ICT-II @ Kalmeshwar	19/03/2013	11.24	19/03/2013	17.32	Tan delta measurement work.
Murud - Girawli.	19/03/2013	11.25	19/03/2013	17.15	Testing work.
Apta-Tambati	19/03/2013	11.50	19/03/2013	16.00	Repairing damage conductor.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Whirlpool - Ismit	08/03/2013	08.45		Continued.	Erection of Tower & D/C String of New Conductor Outage Upto 22/3/2013.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	20/03/2012	11.50		Continued.	High tan delta of bushing.
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
400/220 KV 105 MVA Spare ICT Unit @ Bhusawal - II	02/02/2013	10.17		Continued.	Low Oil Pressure Alarm Received.
400/220KV 500MVA ICT-II at Warora	07/02/2013	17.57		Continued.	Handtripped
Khadka - Deepnagar - II	07/03/2013	06.17		Continued.	Over Voltage.
Bhusawal- Aurangabad	17/03/2013	17.03		Continued.	Over Voltage.Ready for charging at 16.26 Hrs. dt.18.03.2013.
Karad - Kolhapur - I	18/03/2013	17.53	19/03/2013	06.31	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	04/02/2013	23.36		Continued.	Due to over loading.
Parli-Usmanabad	03/03/2013	18.13	19/03/2013	11.25	To control load on Parli ICT.
220KVCable Borivali(M)-Gorai(R) I	05/03/2013	04.16		Continued.	H/T.
220KV Cable Borivali(M)-Gorai(R) II	05/03/2013	04.19		Continued.	H/T.
Borivali(M)-Borivali(Rel) 1	12/03/2013	04.09		Continued.	H/T.
Borivali(M)-Borivali(Rel)2	12/03/2013	04.19		Continued.	H/T.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated Declared Faulty by Genco.
Deepnagar-Aurangabad-I	12/01/2013	13.33		Continued.	Over Voltage
Karad - Kolhapur - II	18/03/2013	17.02	19/03/2013	09.01	Over Voltage.
Karad - Kolhapur - II	19/03/2013	17.06	20/03/2013	06.40	Over Voltage.
Voltage Level : 132KV			Outage Type TRIPPED		
Deepnagar - Pachora	18/03/2013	09.23		Continued.	Bus bar protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/Mar/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	135
Unit 7	210	145
	620	280
Bhusawal		
Unit 2	210	150
Unit 3	210	150
Unit 4	500	470
Unit 5	500	0
	1420	770
Parli		
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	0
Unit 7	250	0
	1130	0
Chandrapur		
Unit 1	210	145
Unit 2	210	140
Unit 3	210	200
Unit 4	210	200
Unit 5	500	425
Unit 6	500	450
Unit 7	500	450
	2340	2010
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	190
Unit 2	210	160
Unit 3	210	170
Unit 4	210	170
Unit 5	500	400
	1340	1090
Nasik		
Unit 3	210	0
Unit 4	210	185
Unit 5	210	195
	630	380
Uran		
All Units	852	310
	852	310
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	2
BHIRA T.R.	80	40
RNGR+BHTSA	20	14
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	219
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	1200	807
WARDHA	405	369
Adani	660	0
Other CPPs	0	
	2265	1176
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5201
	3455	5201