



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Dec/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Dec/2013 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.195	631.669	1) Gujrat	13.385	91.144
2) Hydro	18.722	109.724	2) Madhya Pradesh	17.625	119.405
3) Gas	7.410	42.517	3) Chattisgarh	10.640	61.860
Total MSGENCO	125.327	783.910	4) Maharashtra	82.188	487.137
B) 1) JSW JAIGAD	19.191	117.994	5) Goa	-5.489	-33.021
2) WPCL	7.238	45.457	6) TAPS 1&2 Injection	3.847	22.999
3) ADANI	28.330	174.130	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	7.825	43.381	8) Pench (Excess)	-0.258	-2.608
5) Wind Generation	5.520	22.708	# Total Cent. Sector	121.938	746.916
6) PENCH (MS)	0.258	2.608	F) Other Exchanges		
7) SOLAR	1.011	3.461	1) With TPCL (Excess)	-20.357	-109.963
C) 1) TPCL Thermal	18.753	117.993	G) Bilateral Power *		
2) TPCL Hydro	5.522	31.515	1) MSEDCL Bilateral	29.679	189.170
TOTAL TPCL	24.275	149.508	Include PX	0.274	7.295
3) REL Thermal	11.628	74.087	2) MUMBAI Bilateral	19.455	105.852
D) STATE			Include PX	5.286	23.849
1) Thermal (A1+C1+C3)	129.576	823.749	3) MUMBAI Schedule	19.455	105.852
2) Hydro (A2+B6+C2)	24.502	143.847	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.410	42.517	1) MSEDCL	296.281	1830.602
4) Wind (B5)	5.520	22.708	2) TPCL	36.324	214.327
5) CPP/IPP (B1+B2+B3+B4)	62.584	235.162	3) REL	19.936	119.229
6) SOLAR (B7)	1.011	3.461	TOTAL STATE	352.541	2164.158
TOTAL STATE	230.603	1271.444			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4250	4230	4012
MSGENCO Hydro	1726	1461	120
MSGENCO Gas	300	300	313
MSGENCO Total Generation	6276	5991	4445
Central Sector Receipt	5471	5211	4636
WIND	222	100	364
CPP / IPP	2719	2666	2521
SOLAR	160	36	0
Exchange with Mumbai	-1085	-1030	-695
MSEDCL DEMAND MET	13775	12974	11271
Load Shedding	777	484	20
MSEDCL DEMAND	14552	13458	11291
TPCL GENERATION	1246	1206	628
R-INFRA GENERATION	525	524	382
TPCL+R-INFRA DEMAND	2856	2760	1705
STATE DEMAND MET	16631	15734	12976
STATE DEMAND	17408	16218	12996
Frequency (Hz)	49.98	49.98	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 12.58 Hrs	49.65 Hz at 07.36 Hrs	50	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 06/Dec/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.08	10.70	155	110	130
Unit 6	3.13	20.12	152	118	130
Unit 7	3.85	23.55	200	133	160
Total	10.06	54.36			420
Bhusawal					
Unit 2	3.78	22.22	165	145	155
Unit 3	3.84	21.68	170	150	150
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	4.03	0	0	
Total	7.62	47.94			305
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.04	23.56	186	155	170
Unit 5	0.00	14.56	0	0	0
Unit 6	4.70	24.94	220	155	180
Unit 7	4.66	23.62	220	156	180
Total	13.40	86.68			530
Chandrapur					
Unit 1	3.13	18.65	142	117	140
Unit 2	3.15	18.58	144	115	140
Unit 3	3.88	25.08	189	81	190
Unit 4	4.32	26.67	210	154	210
Unit 5	0.00	0.00	0	0	0
Unit 6	9.28	56.37	410	350	425
Unit 7	9.34	55.53	425	349	400
Total	33.10	200.88			1505
Paras					
Unit 3	4.68	28.14	208	150	210
Unit 4	5.10	31.15	232	188	210
Total	9.78	59.29			420
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	2.74	17.96	165	90	148
Unit 3	3.67	20.86	166	131	168
Unit 4	4.61	27.00	207	173	188
Unit 5	7.21	46.02	430	235	425
Total	18.23	111.83			929
Nasik					
Unit 3	2.71	24.05	175	0	190
Unit 4	4.28	25.54	189	163	190
Unit 5	0.00	21.11	0	0	0
Total	7.00	70.70			380
Uran					
All Units	7.41	42.52	318	299	300
Total	7.41	42.52			300
PENCH (MS)					
Pench (MS)	0.26	2.61	53	0	
Total	0.26	2.61			
Koyna					
Stage 1-2	5.16	27.42	580	40	600
Stage 4	6.42	44.28	760	0	250
Stage 3	2.68	15.31	316	0	320
Kovna 12&4 Total	11.58	71.70			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	14.26	87.01			1170
Hydro					
KDPH	0.46	3.50	20	19	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.08	0.51	4	3	4
BHIRA T.R.	0.32	1.87	41	0	40
RNGR+BHTSA	0.38	2.30	17	16	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.03	5.68	50	40	10
GHATGHAR	2.20	8.86	240	0	0
Total	4.47	22.71			87
Wind					
MalharPeth	0.26	1.36			
Vankuswadi	0.63	2.36			
ATIT	0.08	0.74			
Kale	0.20	1.03			
Satara	2.51	7.19			
Shirala	0.24	0.90			
K Mahankal	0.04	0.74			
Supa	0.04	0.34			
Vita	0.67	3.60			
Dondaicha	0.53	2.48			
Sakri	0.06	0.31			
Nandurbar	0.06	0.15			
Khandke	0.12	0.79			
Khaparale	0.09	0.72			
Total	5.52	22.71			
CPP					
JSW JAIGAD	19.19	117.99	907	703	821
WARDHA	7.24	45.46	312	289	310
Adani	28.33	174.13	1230	960	1234
Other CPPs	7.82	43.38			
Total	62.58	380.96			2365
SOLAR					
Total	1.01	3.46			
Total	1.01	3.46			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.32	67.18	501	316	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	1.43	8.60	60	59	120
Trombay 7B	1.16	6.95	49	47	60
Trombay 8	5.85	35.27	252	203	250
TATA Hydro	5.52	31.52	431	0	447
Total	24.28	149.51			1377
REL					
1&2	11.63	74.09	527	381	500
Total	11.63	74.09			500
Cent Sect					
Share					5338
Total					5338
MS PG CL	Thermal	99.20	631.67		4489
	Thml+Gas	106.60	674.19		4789
	Hydro	18.72	109.72		1257
	Total	125.33	783.91		6046
State Total		230.60	1271.44		15626

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Dec/2013

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS														
1	4030	121	310	4461	280	2641	0	4931	5082	-753	-898	11566	11	11577	1961	13538	50.06
2	4014	130	310	4454	334	2650	0	4908	4848	-695	-783	11503	20	11523	1801	13324	50.07
3	4012	120	313	4445	364	2521	0	4837	4636	-620	-695	11271	20	11291	1705	12996	50.09
4	4063	120	315	4498	315	2453	0	4789	4782	-569	-632	11416	20	11436	1642	13078	50.14
5	4082	119	316	4517	304	2566	0	4773	4927	-559	-560	11754	23	11777	1626	13403	50.00
6	4269	246	318	4833	285	2637	0	4633	4904	-519	-338	12321	185	12506	1728	14234	49.95
7	4311	554	317	5182	269	2652	1	4606	4637	-439	-345	12396	985	13381	1856	15237	49.98
8	4402	856	318	5576	226	2634	23	4609	4711	-435	-383	12800	1027	13827	1986	15813	49.89
9	4427	1306	310	6043	158	2746	57	4571	4645	-545	-531	13141	966	14107	2254	16361	49.83
10	4329	1841	306	6476	219	2738	90	4802	4880	-756	-774	13653	703	14356	2583	16939	49.92
11	4281	1817	301	6399	274	2752	120	5165	5374	-996	-1053	13891	661	14552	2797	17349	49.94
12	4250	1726	300	6276	222	2719	160	5275	5471	-1084	-1085	13775	777	14552	2856	17408	49.98
13	4218	1574	309	6101	171	2677	149	5282	5499	-1043	-1128	13476	917	14393	2853	17246	50.06
14	4203	1418	306	5927	126	2694	181	5368	5470	-959	-1001	13397	794	14191	2749	16940	50.06
15	4215	1551	306	6072	95	2667	88	5385	5459	-983	-1061	13320	612	13932	2791	16723	49.98
16	4141	1711	299	6151	109	2653	96	5274	5472	-978	-1040	13441	520	13961	2770	16731	50.00
17	4230	1461	300	5991	100	2666	36	5119	5211	-1012	-1030	12974	484	13458	2760	16218	49.98
18	4073	494	301	4868	110	2585	10	4924	4918	-983	-961	11570	655	12225	2747	14972	49.98
19	4018	653	305	4976	128	2583	0	4932	5181	-1023	-1015	11906	539	12445	2815	15260	49.99
20	4081	336	307	4724	169	2566	0	5125	5032	-923	-945	11596	608	12204	2743	14947	49.97
21	4069	168	310	4547	270	2641	0	5174	5106	-911	-1005	11570	371	11941	2559	14500	50.05
22	3964	163	307	4434	332	2537	0	5140	4912	-892	-1079	11136	215	11351	2373	13724	50.07
23	3825	118	311	4254	338	2315	0	4948	5346	-901	-1063	11190	147	11337	2222	13559	49.99
24	3688	119	315	4122	323	2291	0	4802	5436	-875	-952	11220	122	11342	2083	13425	50.05
MUs	99.20	18.72	7.41	125.33	5.52	62.58	1.01	119.37	121.94	-19.46	-20.36	296.28	11.38	307.66	56.26	363.92	50.00

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 06/Dec/2013

Position as on 6.30 Hrs of 07/Dec/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Condenser replacement work.	
Cent_Sect Tarapur 2	160	24/11/2013	20.42		Continued.	Maint.work.	13/12/2013
FORCED OUTAGE							
Dabhol 3B	230	28/05/2013	21.58		Continued.	Gas shortage.	
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 3X	290	06/06/2013	08.28	07/12/2013	04.56	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
CPP WPCL U-3	135	10/11/2013	6.10		Continued.	I D Fan Problem	
Bhusawal Unit 4	500	12/11/2013	21.13		Continued.	Tripped,As GT4 Burst.	
Khaparkheda Unit 1	210	24/11/2013	12.20		Continued.	Coal Shortage	
CPP INDIABULLS	270	25/11/2013	00:00		Continued.	Non-availability of coal	
Uran Unit 5	108	25/11/2013	21.33		Continued.	Gas Shortage.	
CPP Adani U-3	660	01/12/2013	23.49		Continued.	TO ATTEND OIL LEAKAGE BEARING NO 7	
Parli Unit 5	210	04/12/2013	20.50		Continued.	Colling Water System Leakage.	
Bhusawal Unit 5	500	05/12/2013	17.29		Continued.	Stator E/F.	
Nasik Unit 5	210	05/12/2013	21.05		Continued.	BLR T/L.	
Nasik Unit 3	210	06/12/2013	17.35		Continued.	BLR T/L.	
Khaparkheda Unit 3	210	07/12/2013	02.14		Continued.	Furnace Pressure high.	
Chandrapur Unit 6	500	07/12/2013	04.34		Continued.	BLR T/L.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2013

Position as on 6.30 Hrs of 07/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Kalwa - Talegaon (PGCIL)	05/12/2013	10.36	06/12/2013	07.39	Testing Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Parly(PG) - Wardha (PG) - I	06/12/2013	12.33		Continued.	To attend hot spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Seoni-Wardha-II 765KV.	02/12/2013	22.05		Continued.	OVER VOLTAGE
Kolhapur-Solapur(PGCIL)-I	03/12/2013	16:42		Continued.	Over Voltage.
Kolhapur - Mapusa - II	05/12/2013	16.49		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	06/12/2013	02.10	06/12/2013	08.04	Over Voltage.
Solapur - Solapur (PG)	06/12/2013	20.20		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	05/12/2013	19.30		Continued.	To control L/L due to 220KV Wardha-Warora Outage.
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Solapur (PGCIL)	06/12/2013	21.29		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132 KV 200 MVA ICT - II @ Khadka	11/11/2013	09.07		Continued.	Replacement of Old 200 MVA ICT Under LES Upto 04/01/2014.
400/220KV 315 MVA ICT-I @ Padgha	26/11/2013	10.25		Continued.	Taken on TBC LV Side.(15 Days)
400/220KV 315MVA ICT- I @ Chandrapur	04/12/2013	11.20		Continued.	Taken on TBC LV Side for Breaker Work Upto 9.12.13.
Kalwa - Padgha - II	06/12/2013	08.47	06/12/2013	18.09	29D isolator Repl.Work.
400/220KV 315 MVA ICT-I @ Padgha	06/12/2013	09.46	06/12/2013	21.12	To attend oil leakage with cold welding work.
Talegaon PG - Aurangabad - II	06/12/2013	13.00	06/12/2013	18.45	Hot spot of isolator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisgaon line.
Bus Sectioniser @ Apta	04/12/2013	09.57		Continued.	Replacement of Isolator & 6 No's of CT's Upto 8.12.13.
Pusad-Nanded	05/12/2013	06.03		Continued.	220KV Ghatodi S/S LILO Work.
Panama - Pedambe	06/12/2013	08.30	06/12/2013	18.10	Repl.of old insualtor string.
220/132 KV 200 MVA ICT - I @ Kalmeshwar	06/12/2013	08.35	06/12/2013	16.02	Tan delta of HV LV CTs and Bushing.
TBC at Bhoisor	06/12/2013	09.14	06/12/2013	13.30	R.M.Work
Khaperkheda - Wardha.	06/12/2013	09.25		Continued.	Raising height of tower for VIPL line crossing.
Purti - Bhugaon	06/12/2013	09.28		Continued.	Raising height of tower for VIPL line crossing.
Kolshet - Kamba	06/12/2013	09.55	06/12/2013	14.59	CT Tan delta work.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Kalwa-Kalyan	06/12/2013	08.44	06/12/2013	15.24	Repl.of insualtor.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Dabhol - New Koyana - I	30/11/2013	21.54		Continued.	H/T TO CONTROL OVER VOLTAGE

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2013

Position as on 6.30 Hrs of 07/Dec/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
Karad-Kolhapur-II	13/11/2013	15.47	06/12/2013	10.22	Over Voltage.
Deepnagar-Waluj I	03/12/2013	12:08		Continued.	To attend Y ph ISO. at Waluj end.
Bhusawal- Aurangabad	05/12/2013	17.22	06/12/2013	08.28	Over Voltage.
Talegaon PG - Aurangabad - II	05/12/2013	21.33		Continued.	to control A'bad-Wardha PG L.L.
Lonikand- Koyna Stage IV	05/12/2013	21.46	06/12/2013	08.31	Over Voltage.
Bhusawal- Aurangabad	06/12/2013	11.07		Continued.	Over Voltage.
Karad - Kolhapur - II	06/12/2013	16.36		Continued.	Over Voltage.
Karad-Jaigad I	06/12/2013	17.05		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	06/12/2013	21.29		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	17/11/2013	18.00		Continued.	AFTER TAKEN IN/S,A'BAD ICT 3
Chikhali - Jalna - I	17/11/2013	18.00		Continued.	AFTER TAKEN IN/S,A'BAD ICT 3
Aurangabad - Babaleshwar	30/11/2013	9.24		Continued.	TO CONTROL A'BAD ICT LOADING
Voltage Level : 400KV			Outage Type TRIPPED		
400/ 21.75 KV 600 MVA GT IV @ Deepnagar	12/11/2013	21.00		Continued.	GT4 Caught Fire.
Dabhol - Nagothane - I	24/11/2013	16.10		Continued.	Over Voltage.
Karad-Jaigad I	05/12/2013	16.34		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Talandge - Sawantwadi - II.	29/10/2013	17.30		Continued.	Dist Prot.
Kandalgaon - Dasturi	06/12/2013	13.00	06/12/2013	13.55	Dist Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Waghala - Kandhar	06/12/2013	06.24	06/12/2013	06.41	Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Dec/2013

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	150
Unit 7	210	180
	620	470
Bhusawal		
Unit 2	210	160
Unit 3	210	160
Unit 4	500	0
Unit 5	500	0
	1420	320
Parli		
Unit 3	210	0
Unit 4	210	155
Unit 5	210	0
Unit 6	250	160
Unit 7	250	160
	1130	475
Chandrapur		
Unit 1	210	125
Unit 2	210	125
Unit 3	210	105
Unit 4	210	130
Unit 5	500	0
Unit 6	500	0
Unit 7	500	415
	2340	900
Paras		
Unit 3	250	210
Unit 4	250	230
	500	440
Khaparkheda		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	0
Unit 4	210	200
Unit 5	500	300
	1340	660
Nasik		
Unit 3	210	0
Unit 4	210	190
Unit 5	210	0
	630	190
Uran		
All Units	852	300
	852	300
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	7
BHIRA T.R.	80	40
RNGR+BHTSA	20	7
BHANDARDRA	45	7
ELDARY	23	
SMLHY PTN	12	8
GHATGHAR	250	
	611	87
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	823
WARDHA	405	350
Adani	1980	1234
Other CPPs	300	
	3885	2407
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5668
	3455	5668