



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Feb/2015

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Feb/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.865	1085.661	1) Gujrat	4.823	24.180
2) Hydro	11.772	79.699	2) Madhya Pradesh	16.497	127.705
3) Gas	8.851	87.900	3) Chattisgarh	6.620	53.570
Total MSGENCO	132.488	1253.260	4) Maharashtra Net	104.127	886.996
B) 1) JSW JAIGAD	12.644	134.114	(Incl. 765kV Solapur-Raichur)	-8.844	-74.849
2) WPCL	2.818	24.360	5) Goa	-5.998	-56.079
3) ADANI	42.750	380.170	6) TAPS 1&2 Injection	3.733	33.240
4) Other CPP / IPP	25.869	231.631	7) RGPPL Injection	0.000	0.000
5) Wind Generation	6.318	60.745	8) Pench (Excess)	-0.590	-4.629
6) PENCH (MS)	0.590	4.629	# Total Cent. Sector	129.212	1064.983
7) SOLAR	1.198	9.523	F) Other Exchanges		
C) 1) TPCL Thermal	9.201	82.918	1) With TPCL (Excess)	-27.280	-246.170
2) TPCL Hydro	5.695	42.281	G) Bilateral Power *		
TOTAL TPCL	14.896	125.199	1) MSEDCL Bilateral	34.148	236.476
3) REL Thermal	5.759	51.286	Include PX	5.364	16.129
D) STATE			2) MUMBAI Bilateral	23.568	206.729
1) Thermal (A1+C1+C3)	126.825	1219.865	Include PX	5.565	46.807
2) Hydro (A2+B6+C2)	18.057	126.609	3) MUMBAI Schedule	24.359	207.520
3) Gas (A3)	8.851	87.900	H) ENERGY CATERED (MUs)		
4) Wind (B5)	6.318	60.745	1) MSEDCL	326.607	2917.245
5) CPP/IPP (B1+B2+B3+B4)	84.081	770.275	2) TPCL	29.758	261.671
6) SOLAR (B7)	1.198	9.523	3) REL	18.177	160.983
TOTAL STATE	245.330	2274.917	TOTAL STATE	374.542	3339.899

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 15 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4866	4949	4256
MSGENCO Hydro	1205	1156	144
MSGENCO Gas	289	278	487
MSGENCO Total Generation	6360	6383	4887
Central Sector Receipt	6701	6081	4189
WIND	125	135	363
CPP / IPP	3628	3614	3233
SOLAR	180	151	0
Exchange with Mumbai	-1399	-1362	-700
MSEDCL DEMAND MET	15622	15029	11985
Load Shedding	871	632	35
MSEDCL DEMAND	16493	15661	12020
TPCL GENERATION	869	757	351
R-INFRA GENERATION	257	259	196
TPCL+R-INFRA DEMAND	2525	2378	1247
STATE DEMAND MET	18147	17407	13232
STATE DEMAND	19018	18039	13267
Frequency (Hz)	49.96	49.96	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 21.59 Hrs	49.7 Hz at 06.11 Hrs	49.97	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 09/Feb/2015

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	3.94	35.09	172	155	160
Unit 7	3.64	33.84	165	135	160
Total	7.58	68.93			320
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	10.78	87.20	505	350	400
Unit 5	0.00	36.44	0	0	0
Total	10.78	123.64			400
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.73	33.34	160	143	160
Unit 5	3.62	32.30	163	143	160
Unit 6	4.85	43.41	250	190	187
Unit 7	4.81	42.94	250	184	187
Total	17.01	152.00			694
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.04	27.02	131	121	119
Unit 3	4.08	27.95	206	114	192
Unit 4	4.19	25.42	186	150	183
Unit 5	9.75	89.48	440	360	411
Unit 6	0.00	62.98	0	0	0
Unit 7	9.92	88.39	453	360	411
Total	30.98	321.24			1316
Paras					
Unit 3	5.41	44.17	244	191	201
Unit 4	3.01	29.12	205	0	0
Total	8.41	73.29			201
Khaparkheda					
Unit 1	3.61	36.55	185	115	205
Unit 2	3.41	33.18	160	110	180
Unit 3	3.63	40.63	182	132	210
Unit 4	3.86	40.36	174	154	210
Unit 5	10.18	100.85	460	384	500
Total	24.69	251.58			1305
Nasik					
Unit 3	4.45	25.49	200	170	200
Unit 4	4.46	31.13	200	166	200
Unit 5	3.50	38.36	199	0	200
Total	12.41	94.98			600
Uran					
All Units	8.85	87.90	490	278	485
Total	8.85	87.90			485
PENCH (MS)					
Pench (MS)	0.59	4.63	27	13	
Total	0.59	4.63			
Koyna					
Stage 1-2	3.66	26.42	490	35	600
Stage 4	3.04	11.72	500	0	250
Stage 3	1.34	8.59	160	0	320
Kovna 12&4 Total	6.70	38.14			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	8.04	46.73			1170
Hydro					
KDPH	0.44	4.02	19	18	19
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.98	0	0	0
BHTGR/VEER	0.02	0.54	1	0	2
BHIRA T.R.	0.15	2.17	40	0	40
RNGR+BHTSA	0.33	3.10	14	13	14
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.30	2.67	18	10	12
SMLHY PTN	1.15	8.80	55	45	10
GHATGHAR	1.34	10.67	125	0	0
Total	3.73	32.97			97
Wind					
MalharPeth	0.14	1.30			
Vankuswadi	0.26	2.39			
ATIT	0.03	0.23			
Kale	0.12	0.97			
Satara	2.79	27.58			
Shirala	0.16	1.62			
K Mahankal	0.02	0.24			
Supa	0.16	0.71			
Vita	0.73	9.94			
Dondaicha	1.06	7.55			
Sakri	0.13	1.28			
Nandurbar	0.26	2.90			
Khandke	0.26	2.78			
Khaparale	0.20	1.26			
Total	6.32	60.74			
CPP					
JSW JAIGAD	12.64	134.11	571	481	516
WARDHA	2.82	24.36	121	109	120
Adani	42.75	380.17	1840	1690	1828
Other CPPs	25.87	231.63			745
Total	84.08	770.28			3209
SOLAR					
Total	1.20	9.52			
Total	1.20	9.52			
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	0.00	0	0	0
Trombay 6	3.59	32.38	150	149	500
Trombay 7A	0.00	0.00	0	0	0
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.61	50.53	251	200	250
TATA Hydro	5.70	42.28	471	0	447
Total	14.90	125.20			1197
REL					
1&2	5.76	51.29	260	195	250
Total	5.76	51.29			250
Cent Sect					
Share					6382
Total					6382
MS PG CL	Thermal	111.86	1085.66		4836
	Thml+Gas	120.72	1173.56		5321
	Hydro	11.77	79.70		1267
	Total	132.49	1253.26		6588
State Total		245.33	2274.92		17626

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Feb/2015

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	4364	129	485	4978	185	3278	0	4912	4736	-688	-933	12270	10	12280	1478	13758	49.97
2	4338	129	485	4952	214	3287	0	4668	4584	-655	-802	12259	31	12290	1349	13639	50.00
3	4304	133	485	4922	345	3283	0	4606	4342	-636	-742	12177	35	12212	1289	13501	50.02
4	4256	144	487	4887	363	3233	0	4451	4189	-611	-700	11985	35	12020	1247	13267	50.03
5	4306	129	488	4923	367	3269	0	4618	4471	-630	-718	12335	37	12372	1265	13637	50.01
6	4537	139	486	5162	387	3433	0	4852	4901	-700	-772	13134	97	13231	1389	14620	49.98
7	4709	219	488	5416	427	3588	1	5014	5406	-820	-734	14127	292	14419	1609	16028	49.88
8	4781	362	490	5633	434	3680	11	5716	5780	-856	-918	14643	905	15548	1772	17320	50.00
9	4775	413	478	5666	250	3615	53	5993	6275	-1023	-978	14904	946	15850	2010	17860	49.94
10	4820	826	379	6025	195	3644	110	6219	6410	-1242	-1156	15251	693	15944	2282	18226	49.93
11	4896	1203	305	6404	135	3627	148	6461	6634	-1451	-1325	15650	740	16390	2452	18842	49.94
12	4866	1205	289	6360	125	3628	180	6510	6701	-1515	-1399	15622	871	16493	2525	19018	49.96
13	4931	792	283	6006	147	3635	174	6341	6436	-1468	-1373	15052	1023	16075	2488	18563	49.94
14	4914	811	283	6008	119	3611	164	5980	6206	-1349	-1424	14711	862	15573	2364	17937	50.02
15	4949	1156	278	6383	135	3614	151	6074	6081	-1349	-1362	15029	632	15661	2378	18039	49.96
16	4773	1217	284	6274	129	3604	113	6082	6064	-1357	-1294	14917	550	15467	2393	17860	49.87
17	4698	1007	287	5992	119	3614	70	5834	5751	-1337	-1271	14302	552	14854	2389	17243	49.89
18	4686	287	296	5269	170	3583	23	5068	5095	-981	-1393	12763	330	13093	2379	15472	49.93
19	4749	261	298	5308	186	3628	0	4760	5049	-1112	-1339	12858	103	12961	2372	15333	49.93
20	4727	581	299	5607	244	3608	0	5012	5129	-1130	-1289	13325	89	13414	2413	15827	50.00
21	4793	231	299	5323	386	3521	0	4874	5094	-962	-1393	12956	76	13032	2311	15343	50.00
22	4663	131	299	5093	456	3450	0	4769	4660	-888	-1410	12275	49	12324	2114	14438	50.03
23	4554	136	300	4990	448	3341	0	4878	4558	-809	-1353	12011	38	12049	1918	13967	49.96
24	4476	131	300	4907	352	3307	0	4699	4660	-789	-1202	12051	24	12075	1749	13824	50.00
MUs	111.86	11.77	8.85	132.49	6.32	84.08	1.20	128.39	129.21	-24.36	-27.28	326.61	9.02	335.63	47.94	383.56	49.97

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 09/Feb/2015

Position as on 6.30 Hrs of 10/Feb/2015

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	
Cent_Sect Tarapur 1	160	12/10/2014	22.39		Continued.	Refuelling work.(60Days)	
Tata Trombay 5	500	03/01/2015	20.30		Continued.	Annual Maintenance	
Bhusawal Unit 3	210	20/01/2015	08.02		Continued.	Annual Overhaul	10/02/2015
FORCED OUTAGE							
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	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	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
CPP WPCL U-2	135	18/02/2014	00.02		Continued.	Ash Conveying problem	
CPP Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem. (U-1).	
Koradi Unit 5	200	17/06/2014	11.53		Continued.	economic shutdown	
Chandrapur Unit 1	210	28/08/2014	07.15		Continued.	economic shutdown	
Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP WPCL U-1	135	30/10/2014	00.43		Continued.	ESP Bag Filter Damaged	
Tata Trombay 7B	60	11/12/2014	20.39		Continued.	Rotor Fault.	25/02/2015
Tata Trombay 7A	120	11/12/2014	21.51		Continued.	Rotor Fault.	25/02/2015
REL 2	250	04/01/2015	01.55		Continued.	Stator E/F.	
CPP WPCL U-4	135	25/01/2015	22.27		Continued.	ID Fan problem	
Uran Unit 8	108	26/01/2015	12.22		Continued.	Gas Shortage	
CPP IPL U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
CPP JSW (J) U1	300	03/02/2015	14:20		Continued.	P.A Fan Problem.	
CPP JSW (J) U3	300	03/02/2015	21.27		Continued.	Due to Unavailability of Load..	
Paras Unit 4	250	06/02/2015	10.58	09/02/2015	06.25	BLR T/L.	
CPP Adani U-3	660	06/02/2015	11.42		Continued.	GT Bushing Repl work.	
Bhusawal Unit 5	500	07/02/2015	13:57		Continued.	Clinker Formation.	
Chandrapur Unit 6	500	07/02/2015	21:30		Continued.	Boiler Tube Leakage.	
Hydro GhatgharU2	125	08/02/2015	10.00		Continued.	Coller Oil Leakage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 09/Feb/2015

Position as on 6.30 Hrs of 10/Feb/2015

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
Uran Unit 5	108	09/02/2015	10.04		Continued.	Gas Shortage.	
Nasik Unit 5	210	09/02/2015	15.35	09/02/2015	20.25	Boiler Board Trip.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2015

Position as on 6.30 Hrs of 10/Feb/2015

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur - II	09/02/2015	10.29	09/02/2015	19.55	Replacement of Faulty Insulator String.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	21/11/2014	14.51		Continued.	Mumbai Strengthening work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Kolhapur-Solapur (PG) II	09/02/2015	15.06	10/02/2015	06.31	Emergency Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	08/02/2015	16.09	09/02/2015	08.54	over voltage
Kolhapur-Solapur(PGCIL)-I	08/02/2015	17.10	09/02/2015	06.40	over voltage
Kolhapur - Mapusa - I	09/02/2015	17.05		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	09/02/2015	20.41	10/02/2015	06.24	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane - II	08/02/2015	12.50	09/02/2015	12.39	distance protection
Dhule-Sar'Sarovar - II	08/02/2015	13.01	09/02/2015	08.23	distance protection
Voltage Level : 220KV			Outage Type TRIPPED		
Talangade-Chikodi	09/02/2015	18.43	09/02/2015	18.58	Tripped from Chikodi End.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 Kv ICT - II LV BKR at Lonikand.	07/02/2015	11:59		Continued.	ICT Taken on TBC.
Chandrapur II - Dhariwal - I	08/02/2015	10.57		Continued.	PM of line & line bay at DIL end
Main Bus of Aurangabad-II @ Akola-II 765 KV	09/02/2015	09.25	09/02/2015	20.10	A.M.Work.
New Koyna - Stage IV	09/02/2015	10.34		Continued.	Q.M.Work,Ready FOR Charging. FROM 18.27
Bblswr - Padgha - II	10/02/2015	00.37		Continued.	Shifted to TBC to Attend Hot Spot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Ghodbandar - Bhoisor (MSETCL)	25/11/2014	11.36		Continued.	Erection & Stringing Work.
TBC @ 400 KV Parli-II	07/01/2015	15.48		Continued.	Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R.
Apta - ACCIL	08/02/2015	08.33		Continued.	maintenance work
Bus section - I at Tambati	09/02/2015	10.35	09/02/2015	19.34	R.M.Work & Digno Testing Work.
Warora - Wani	09/02/2015	11.02	09/02/2015	14.49	Measurment of Tan Delta of CT & CB Timing & CRM.
Bhandara - Rly TSS - I	09/02/2015	11.12	09/02/2015	19.00	Diagnostic Testing Work & Q.M.Work.
220 KV Bus Coupler @ Paras	09/02/2015	12.30	09/02/2015	16.00	Measurment of Tan Delta of CT & CB Timing & CRM.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 500MVA ICT-II at Warora	16/01/2015	10.43		Continued.	CTR problem.
Bableshwar-Taptitanda II	28/01/2015	19.24		Continued.	Over Voltage.
Karad-Jaigad II	08/02/2015	16.02	09/02/2015	06.50	over voltage
Karad - Kolhapur - II	08/02/2015	16.12	09/02/2015	06.47	over voltage
Bhusawal- Aurangabad	08/02/2015	17.15	09/02/2015	07.06	over voltage
Dabhol - New Koyna - I	08/02/2015	18.18		Continued.	over voltage

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2015

Position as on 6.30 Hrs of 10/Feb/2015

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad-Jaigad I	09/02/2015	16.32		Continued.	Over Voltage.
Karad - Kolhapur - I	09/02/2015	16.38		Continued.	Over Voltage.
Bhusawal- Aurangabad	09/02/2015	17.09	10/02/2015	05.50	Over Voltage.
Lonikand- Koyna Stage IV	09/02/2015	21.40	10/02/2015	06.21	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Aurangabad - Babaleshwar	07/02/2015	06.31	09/02/2015	18.58	To Control Aurangabad ICT Overloading.
Voltage Level : 400KV			Outage Type TRIPPED		
400 KV GT - 5 Main Bay (410) at Deep-Nagar	06/02/2015	12:23		Continued.	Tripped on PDR while Synchronizing.
Voltage Level : 220KV			Outage Type TRIPPED		
220/110KV 200MVA ICT-III at Borivali	21/09/2014	09.16		Continued.	monkey fault
Parly - Parly Extn.- I	09/02/2015	09.04	09/02/2015	15.07	Distance Protection Operated Z-I B Ph to E/F.
Mudshingi - Chikodi	09/02/2015	13.30	09/02/2015	19.35	Dist.Prot.
Mumewadi-Halkarni-II	09/02/2015	23.16	09/02/2015	23.34	Dist.Protn.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Feb/2015

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	160
Unit 7	210	160
	620	320
Bhusawal		
Unit 2	210	0
Unit 3	210	0
Unit 4	500	348
Unit 5	500	0
	1420	348
Parli		
Unit 3	210	0
Unit 4	210	155
Unit 5	210	155
Unit 6	250	188
Unit 7	250	188
	1130	686
Chandrapur		
Unit 1	210	0
Unit 2	210	130
Unit 3	210	210
Unit 4	210	200
Unit 5	500	450
Unit 6	500	0
Unit 7	500	450
	2340	1440
Paras		
Unit 3	250	201
Unit 4	250	201
	500	402
Khaparkheda		
Unit 1	210	205
Unit 2	210	180
Unit 3	210	210
Unit 4	210	210
Unit 5	500	500
	1340	1305
Nasik		
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	630	600
Uran		
All Units	852	335
	852	335
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	19
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	12
SMLHY PTN	12	12
GHATGHAR	250	0
	611	97
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	516
WARDHA	405	120
Adani	2640	1900
Other CPPs	300	745
	4545	3281
SOLAR		
Total	0	
	0	
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	0
Trombay 7B	60	0
Trombay 8	250	250
TATA Hydro	444	447
	2024	1197
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3455	6394
	3455	6394

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