



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Oct/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Oct/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	93.591	1868.123	1) Madhya Pradesh	66.131	1174.441
2) Hydro	3.856	103.704	2) Gujrat	23.086	484.552
3) Gas	15.875	268.180	3) Goa	-5.819	-121.143
Total MSGENCO	113.322	2240.007	4) TAPS 1&2 (Inj.)	4.017	105.693
B) OTHERS			5) Pench (Excess)	-0.236	-12.743
1) RGPPL Gas	35.606	634.044	# Total Cent. Sector	87.179	1630.800
2) Wind Generation	0.922	74.098	F) Other Exchanges		
3) CPP / IPP	16.108	213.442	1) With TPCL (Excess)	-11.979	-231.791
4) PENCH (MS)	0.236	13.988	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.376	165.580
1) TPCL Thermal	27.755	511.650	Include PX	0.849	39.953
2) TPCL Hydro	3.088	27.716	2) MUMBAI Bilateral	12.222	245.344
TOTAL TPCL	30.843	539.366	Include PX	0.974	62.901
3) REL Thermal	12.540	211.944	3) MUMBAI Schedule	12.222	245.344
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	133.886	2591.717	1) MSEDCL	241.394	4574.588
2) Hydro (A2+B3+C2)	7.180	145.408	2) TPCL	36.658	650.523
3) Gas (A3+B1)	51.481	902.224	3) REL	18.700	332.492
4) Wind (B2)	0.922	74.098	TOTAL STATE	296.752	5557.603
5) CPP (B3)	16.108	213.442			
TOTAL STATE	209.577	3926.889			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	3804	4304	3440
MSGENCO Hydro	294	520	64
MSGENCO Gas	651	669	674
MSGENCO Total Generation	4749	5493	4178
Central Sector Receipt	3870	3928	2509
RGPPL	1546	1544	1449
WIND	20	39	29
CPP / IPP	658	672	677
Exchange with TPCL	-645	-584	-281
MSEDCL DEMAND MET	10224	11119	8561
Load Shedding	2511	3127	0
MSEDCL DEMAND (INCL. LS)	12735	14246	8561
TPCL GENERATION	1660	1646	980
REL GENERATION	525	521	524
TPCL+REL DEMAND	2830	2751	1785
STATE DEMAND MET	13054	13870	10346
STATE DEMAND (INCL. LS)	15565	16997	10346
Frequency (Hz)	49.92	50.06	50.08
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3337 MW At 19.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			53.64 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 03.36 Hrs	49.4 Hz at 22.38 Hrs	49.99	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 18/Oct/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.23	19.34	73	31	50
Unit 2	1.25	24.85	67	29	45
Unit 3	1.13	25.76	59	20	50
Unit 4	0.00	0.00	0	0	0
Unit 5	2.41	60.11	129	64	90
Unit 6	2.30	47.28	130	55	100
Unit 7	2.56	55.36	130	75	95
	10.89	232.70			430
Bhusawal					
Unit 1	0.81	11.64	42	25	50
Unit 2	3.67	48.76	180	100	160
Unit 3	2.47	61.08	140	0	150
	6.95	121.49			360
Parli					
Unit 1	0.24	4.45	22	0	0
Unit 2	0.47	8.74	21	17	20
Unit 3	3.12	63.15	172	92	115
Unit 4	3.08	54.68	167	90	100
Unit 5	0.00	46.26	0	0	0
Unit 6	4.32	72.14	220	154	160
Unit 7	2.97	73.50	176	46	150
	14.20	322.90			545
Chandrapur					
Unit 1	2.39	45.89	126	62	90
Unit 2	2.12	53.21	123	0	100
Unit 3	3.11	56.87	150	95	130
Unit 4	3.50	57.92	160	130	160
Unit 5	5.41	128.29	280	155	250
Unit 6	6.72	147.14	350	165	300
Unit 7	4.25	126.28	324	0	0
	27.50	615.60			1030
Paras					
Unit 2	0.58	15.23	35	18	42
Unit 3	4.28	73.93	196	150	200
Unit 4	3.47	69.79	205	72	70
	8.33	158.95			312
Khaparkheda					
Unit 1	4.88	84.14	210	180	200
Unit 2	3.79	15.62	186	123	160
Unit 3	4.67	79.77	200	190	185
Unit 4	3.02	60.51	171	0	90
	16.36	240.04			635
Nasik					
Unit 1	1.73	26.71	87	48	80
Unit 2	0.00	14.50	0	0	0
Unit 3	4.28	68.30	195	140	180
Unit 4	0.00	0.00	0	0	0
Unit 5	3.35	66.93	183	0	170
	9.36	176.43			430
Koyna					
Stage 1-2	1.34	45.82	180	35	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.55	12.06	200	0	320
	1.88	57.88			920
Kovna 12&4 Total	1.34	45.82			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.88	268.18	675	644	640
		15.88	268.18			640
Hydro						
KDPH		0.00	3.61	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.38	6.67	60	0	60
BHTGR/VEER		0.10	1.55	5	4	0
BHIRA T.R.		0.15	2.35	71	0	40
RNGR+BHTSA		0.43	5.97	19	18	10
BHANDARDRA		0.00	0.65	0	0	0
ELDARY		0.00	4.28	0	0	0
SMLHY PTN		0.11	3.84	14	1	12
GHATGHAR		0.80	16.90	125	0	0
		1.97	45.83			122
PENCH (MS)						
Pench (MS)		0.24	13.99	27	0	0
		0.24	13.99			0
Wind						
MalharPeth		0.04	3.02			
Vankuswadi		0.17	6.70			
ATIT		0.01	2.40			
Kale		0.04	2.52			
Satara		0.09	5.23			
Shirala		0.05	2.98			
K Mahankal		0.01	2.27			
Supa		0.04	1.64			
Vita		0.23	9.91			
Dondaicha		0.10	23.01			
Sakri		0.01	3.49			
Nandurbar		0.02	2.87			
Khandke		0.12	4.67			
Khaparale		0.01	3.40			
		0.92	74.10			
CPP						
TOTAL CPP		16.11	213.44			
		16.11	213.44			
Dabhol						
RGPPL		35.61	634.04	1550	1232	1565
		35.61	634.04			1565
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.12	201.67	490	370	500
Trombay 6		6.74	132.34	440	150	500
Trombay 7A		2.91	52.00	123	118	120
Trombay 7B		1.62	29.00	68	67	60
Trombay 8		5.37	96.64	251	160	250
TATA Hydro		3.09	27.72	326	0	447
		30.84	539.37			1877
REL						
1&2		12.54	211.94	525	518	500
		12.54	211.94			500
Cent Sect						
Share						3875
						3875
MS PG CL	Thermal	93.59	1868.12			3742
	Thml+Gas	109.47	2136.30			4382
	Hydro	3.86	103.70			1042
	Total	113.32	2240.01			5424
State Total		209.58	3926.89			13241

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Oct/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3597	69	669	4335	1447	31	682	2724	2802	-297	-372	8925	0	8925	1914	10839	50.02
2	3440	64	674	4178	1449	29	677	2629	2509	-242	-281	8561	0	8561	1785	10346	50.08
3	3536	64	675	4275	1449	41	676	2582	2650	-179	-220	8879	0	8879	1662	10541	50.17
4	3505	74	673	4252	1450	22	680	2536	2758	-156	-176	8986	0	8986	1587	10573	50.28
5	3548	63	675	4286	1448	18	667	2581	2974	-156	-164	9229	0	9229	1558	10787	50.14
6	3558	68	666	4292	1446	21	688	2629	3502	-180	-210	9739	479	10218	1603	11821	49.96
7	3581	73	669	4323	1445	26	666	2837	3150	-317	-299	9311	1297	10608	1762	12370	50.04
8	3614	63	660	4337	1443	22	642	2860	3589	-341	-319	9714	1379	11093	1841	12934	50.04
9	3790	63	656	4509	1442	21	682	2978	3988	-452	-439	10203	1899	12102	2116	14218	49.90
10	3851	124	658	4633	1441	30	668	3198	3832	-600	-588	10016	2421	12437	2496	14933	49.84
11	3919	139	657	4715	1513	28	667	3432	3730	-645	-633	10041	2549	12590	2728	15318	49.88
12	3804	294	651	4749	1546	20	658	3441	3870	-655	-645	10224	2511	12735	2830	15565	49.92
13	3794	203	650	4647	1544	19	672	3709	4345	-750	-724	10529	2493	13022	2801	15823	49.97
14	3872	194	644	4710	1540	24	663	3812	4264	-750	-719	10482	2382	12864	2731	15595	49.93
15	4199	343	646	5188	1541	23	673	3799	4125	-750	-716	10834	2462	13296	2764	16060	50.01
16	4225	346	644	5215	1536	46	670	3787	3728	-745	-719	10476	2388	12864	2779	15643	49.94
17	4173	86	645	4904	1535	62	675	3788	3991	-745	-717	10450	2604	13054	2786	15840	49.96
18	4375	87	656	5118	1537	70	676	3855	3930	-745	-711	10621	2504	13125	2744	15869	49.96
19	4455	390	656	5501	1540	64	675	3674	3998	-575	-580	11225	2955	14180	2793	16973	49.98
20	4304	520	669	5493	1544	39	672	3858	3928	-622	-584	11119	3127	14246	2751	16997	50.06
21	4301	242	669	5212	1550	82	669	3822	4033	-646	-610	10962	2757	13719	2582	16301	50.00
22	4268	99	671	5038	1548	63	674	3687	3983	-575	-538	10792	2583	13375	2349	15724	49.98
23	3965	99	670	4734	1232	53	664	3327	4149	-575	-533	10324	2343	12667	2245	14912	49.82
24	3917	89	672	4678	1440	68	672	2937	3351	-527	-482	9752	2166	11918	2155	14073	49.86
MUs	93.59	3.86	15.88	113.32	35.61	0.92	16.11	78.48	87.18	-12.22	-11.98	241.39	43.30	284.69	55.36	340.06	49.99

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 18/Oct/2010

Position as on 6.30 Hrs of 19/Oct/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Koyna ST-IV 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	18/10/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	11/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refuelling.	12/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/10/2010
Parli Unit 5	210	16/10/2010	00.08		Continued.	STN.T/F I and II Trip.	19/10/2010
Khaparkheda Unit 4	210	17/10/2010	01.01	18/10/2010	04.11	Boiler tube leakage.	
Nasik Unit 2	125	17/10/2010	02.50		Continued.	Boiler tube leakage.	19/10/2010
Chandrapur Unit 7	500	17/10/2010	07.09	18/10/2010	08.11	Master fuel trip.	
Chandrapur Unit 2	210	17/10/2010	22.04	18/10/2010	01.24	Furnace Pressure High.	
Parli Unit 1	30	18/10/2010	01.52	18/10/2010	13.09	Flame failure.	
Nasik Unit 5	210	18/10/2010	10.40	18/10/2010	13.45	Boiler Aux.Trf.Trip.	
Bhusawal Unit 3	210	18/10/2010	22.07		Continued.	HP turbine side control valve problem.	20/10/2010
Chandrapur Unit 2	210	19/10/2010	00.01	19/10/2010	02.19	Furnace pressure high.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2010

Position as on 6.30 Hrs of 19/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	18/10/2010	10.16	18/10/2010	14.50	Main breaker compressor air leakage problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	03/10/2010	17.38		Continued.	Over Voltage.
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Kolhapur - Mapusa - II	15/10/2010	22.42		Continued.	Over voltage.
Dhule-Sar'Sarovar - I	15/10/2010	23.16		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus - II @ Koyna Stg - IV	26/09/2010	10.45		Continued.	Maintenance Work.
Jejuri-Koyna STG-IV	14/10/2010	09.25		Continued.	Bunching.
STG IV-New Koyna-II	14/10/2010	10.00		Continued.	Bunching.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010.
Bableshwar-Nasik-I	13/10/2010	09.50		Continued.	Replacement of Old main bus I&II Isolator
Chinchwad - Hinjewadi	14/10/2010	10.08		Continued.	Line on TBC Bkr O/H Work.
Raymond-Washala	14/10/2010	10.40		Continued.	Line on TBC Bkr O/H Work.
220/132KV,200MVA ICT-III At Nanded.	18/10/2010	11.37	18/10/2010	15.45	Attend oil leakage of conservator tank.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Pachora	18/10/2010	14.29	18/10/2010	18.50	To attend hot spot on phase line isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Karad - Kolhapur - II	14/10/2010	23.19		Continued.	Over Voltage.
Bhusawal- Aurangabad	15/10/2010	10.06	18/10/2010	13.29	Over Voltage.
Chandrapur - Parli - I	17/10/2010	10.22	18/10/2010	04.52	CVT oil leakage B-Ph at Parli end.
Lonikand- Koyna Stage IV	17/10/2010	22.47	18/10/2010	07.27	Over Voltage.
Karad-Lamboti	17/10/2010	23.24	18/10/2010	08.05	Over Voltage.
Karad - Kolhapur - I	18/10/2010	00.14	18/10/2010	07.29	Over Voltage.
Bhusawal- Aurangabad	18/10/2010	16.40		Continued.	Over Voltage.
Karad-Lamboti	18/10/2010	23.23		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	18/10/2010	23.38		Continued.	Over Voltage.
Voltage Level : 100KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2010

Position as on 6.30 Hrs of 19/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kalwa - Salshet - I	05/10/2010	15.44		Continued.	ICT overlading at Kalwa.
Voltage Level : 400KV			Outage Type TRIPPED		
Khadka - Deepnagar - II	29/09/2010	20.53		Continued.	DT Received @ Khadka.
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchloz.
Chandrapur - Parli - I	14/10/2010	17.34		Continued.	Ckt on TBC, Main CB in Lockout, As Oil Pressure Reduced to Zero.
Babaleshwar - Dhule - I	17/10/2010	22.08	18/10/2010	06.53	Over Volatge.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Diff.Prot.CTR system operated.
Pirangut-Hinjewadi	17/10/2010	19.42	18/10/2010	00.41	Distance Protection under B/D.
Raymond-Washala	18/10/2010	16.23	18/10/2010	16.48	Distance Protection.
Reymond-OCR Nasik	18/10/2010	16.23	18/10/2010	16.28	Distance protection.
Bhosari-C'enka	18/10/2010	18.12	18/10/2010	19.12	Distance protection.
C' Enka - Khadki	18/10/2010	18.12	18/10/2010	19.22	Distance protection.
Kandalgaon-Pophali-I	18/10/2010	20.55	18/10/2010	21.45	Distance protection.
NewKoyna - Pawas	18/10/2010	21.16		Continued.	Distance protection.
New Koyna- Finolex	18/10/2010	21.16		Continued.	Distance protection.
Phinolex-Kharepatan	18/10/2010	21.23		Continued.	R-E B/U prot.operated.
Pedambe-Kharepatan	18/10/2010	22.14	18/10/2010	23.07	Trip,while charging 220KV Kharepatan -Finolex line.
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara - Madgi - II	19/10/2010	03.27	19/10/2010	03.38	Distance protection.
Voltage Level : 100KV			Outage Type TRIPPED		
K'gaon-Roha-II	18/10/2010	21.05		Continued.	Distance protection. Under break down.
Kandalgaon-Roha-I	18/10/2010	21.05		Continued.	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Oct/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	60
Unit 3	105	65
Unit 4	105	0
Unit 5	200	130
Unit 6	210	130
Unit 7	210	120
	1040	570
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	0
	478	210
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	105
Unit 4	210	140
Unit 5	210	0
Unit 6	250	160
Unit 7	250	100
	1190	545
Chandrapur		
Unit 1	210	75
Unit 2	210	80
Unit 3	210	120
Unit 4	210	160
Unit 5	500	225
Unit 6	500	200
Unit 7	500	225
	2340	1085
Paras		
Unit 2	55	40
Unit 3	250	200
Unit 4	250	200
	555	440
Khaparkheda		
Unit 1	210	200
Unit 2	210	170
Unit 3	210	195
Unit 4	210	175
	840	740
Nasik		
Unit 1	120	85
Unit 2	120	0
Unit 3	210	180
Unit 4	210	0
Unit 5	210	180
	870	445
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	4
BHIRA T.R.	80	40
RNGR+BHTSA	20	8
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	122
PENCH (MS)		
Pench (MS)	53	
	53	
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		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1565
	960	1565
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	3143	3907
	3143	3907

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