



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Nov/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.462	2473.716	1) Madhya Pradesh	48.038	1224.982
2) Hydro	4.699	90.980	2) Gujrat	17.519	366.439
3) Gas	11.902	315.458	3) Goa	-6.357	-132.347
Total MSGENCO	134.063	2880.154	4) TAPS 1&2 (Inj.)	3.929	86.909
B) OTHERS			5) Pench (Excess)	-0.280	-6.982
1) RGPPL Gas	34.784	779.026	# Total Cent. Sector	62.849	1539.001
2) Wind Generation	3.997	97.542	F) Other Exchanges		
3) CPP / IPP	9.526	191.239	1) With TPCL (Excess)	-11.572	-235.870
4) PENCH (MS)	0.280	6.982	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.363	123.922
1) TPCL Thermal	24.537	563.953	Include PX	0.000	0.000
2) TPCL Hydro	3.755	67.891	2) MUMBAI Bilateral	12.379	254.372
TOTAL TPCL	28.292	631.844	Include PX	5.272	101.888
3) REL Thermal	12.565	261.442	3) MUMBAI Schedule	12.379	255.252
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	154.564	3299.111	1) MSEDCL	233.927	5258.074
2) Hydro (A2+B3+C2)	8.734	165.853	2) TPCL	35.168	752.224
3) Gas (A3+B1)	46.686	1094.484	3) REL	17.258	376.902
4) Wind (B2)	3.997	97.542	TOTAL STATE	286.353	6387.200
5) CPP (B3)	9.526	191.239			
TOTAL STATE	223.507	4848.229			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4829	5360	4696
MSGENCO Hydro	213	417	101
MSGENCO Gas	402	488	509
MSGENCO Total Generation	5444	6265	5306
Central Sector Receipt	2862	3639	1428
RGPPL	1433	1549	1435
WIND	291	104	120
CPP / IPP	408	433	369
Exchange with TPCL	-560	-715	-241
MSEDCL DEMAND MET	9905	11295	8417
Load Shedding	0	1254	0
MSEDCL DEMAND (INCL. LS)	9905	12549	8417
TPCL GENERATION	1596	1340	772
REL GENERATION	525	526	514
TPCL+REL DEMAND	2681	2581	1527
STATE DEMAND MET	12586	13876	9944
STATE DEMAND (INCL. LS)	12586	15130	9944
Frequency (Hz)	49.94	50.09	50.37
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1507 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5.56 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.69 Hz at 03.17 Hrs	49.48 Hz at 17.25 Hrs	50.08	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 22/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.51	33.70	68	52	70
Unit 2	1.60	34.63	73	54	65
Unit 3	1.60	28.72	73	62	65
Unit 4	0.13	6.19	52	0	0
Unit 5	3.39	74.18	162	130	135
Unit 6	3.39	75.95	151	130	135
Unit 7	3.30	49.96	165	120	140
	14.93	303.32			610
Bhusawal					
Unit 1	0.09	11.02	25	0	0
Unit 2	3.44	54.31	175	10	150
Unit 3	4.02	88.27	180	155	185
	7.55	153.60			335
Parli					
Unit 1	0.50	10.51	22	20	19
Unit 2	0.49	10.08	24	16	19
Unit 3	3.65	66.82	166	140	160
Unit 4	3.84	83.63	169	155	160
Unit 5	0.00	53.45	0	0	0
Unit 6	4.09	86.26	212	143	200
Unit 7	4.18	90.79	227	142	200
	16.76	401.54			758
Chandrapur					
Unit 1	3.32	76.71	155	132	160
Unit 2	3.28	74.06	143	125	160
Unit 3	3.14	65.37	148	113	150
Unit 4	3.56	86.23	168	120	190
Unit 5	8.10	176.48	390	305	425
Unit 6	7.61	162.68	361	270	400
Unit 7	8.84	179.31	410	330	400
	37.85	820.84			1885
Paras					
Unit 2	0.00	9.87	0	0	0
Unit 3	4.14	67.54	240	147	220
Unit 4	4.03	96.43	221	117	150
	8.17	173.84			370
Khaparkheda					
Unit 1	4.42	101.10	210	165	210
Unit 2	4.41	53.88	208	169	210
Unit 3	4.16	94.41	190	155	200
Unit 4	4.13	88.81	179	158	180
	17.12	338.21			800
Nasik					
Unit 1	1.82	42.39	90	61	76
Unit 2	1.59	33.17	92	36	76
Unit 3	4.10	95.86	190	155	182
Unit 4	3.95	20.56	180	142	162
Unit 5	3.64	90.38	167	140	172
	15.10	282.36			668
Koyna					
Stage 1-2	1.22	32.28	185	35	600
Stage 4	0.48	3.58	370	0	250
Stage 3	0.18	8.82	132	0	320
	1.88	44.69			1170
Kovna 12&4 Total	1.70	35.87			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		11.90	315.46	592	402	475
		11.90	315.46			475
Hydro						
KDPH		0.00	0.87	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.39	8.74	60	0	60
BHTGR/VEER		0.14	1.47	6	5	16
BHIRA T.R.		0.18	4.55	40	0	0
RNGR+BHTSA		0.38	7.76	16	15	5
BHANDARDRA		0.31	0.73	13	12	40
ELDARY		0.41	3.27	18	16	0
SMLHY PTN		0.35	5.26	21	11	18
GHATGHAR		0.66	13.65	250	0	0
		2.82	46.29			139
PENCH (MS)						
Pench (MS)		0.28	6.98	53	0	
		0.28	6.98			
Wind						
MalharPeth		0.10	3.92			
Vankuswadi		0.38	11.49			
ATIT		0.03	1.68			
Kale		0.09	4.01			
Satara		0.33	11.28			
Shirala		0.10	4.08			
K Mahankal		0.02	5.32			
Supa		0.08	2.12			
Vita		0.58	18.38			
Dondaicha		1.50	17.32			
Sakri		0.23	3.09			
Nandurbar		0.10	1.74			
Khandke		0.32	8.04			
Khaparale		0.14	5.07			
		4.00	97.54			
CPP						
TOTAL CPP		9.53	191.24			
		9.53	191.24			
Dabhol						
RGPPL		34.78	779.03	1549	1431	1555
		34.78	779.03			1555
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.42	238.85	490	275	500
Trombay 6		4.96	112.22	350	150	500
Trombay 7A		2.94	63.36	125	119	120
Trombay 7B		1.26	34.92	68	0	50
Trombay 8		4.96	114.60	250	150	250
TATA Hydro		3.76	67.89	401	0	447
		28.29	631.84			1867
REL						
1&2		12.56	261.44	529	507	500
		12.56	261.44			500
Cent Sect						
Share						3523
						3523
MS PG CL	Thermal	117.46	2473.72			5426
	Thml+Gas	129.36	2789.17			5901
	Hydro	4.70	90.98			1309
	Total	134.06	2880.15			7210
State Total		223.51	4848.23			14655

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Nov/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	4759	108	508	5375	1435	87	391	2260	1692	-417	-385	8595	0	8595	1756	10351	50.22
2	4790	107	508	5405	1434	117	395	2161	1555	-324	-297	8609	0	8609	1611	10220	50.39
3	4696	101	509	5306	1435	120	369	2089	1428	-278	-241	8417	0	8417	1527	9944	50.37
4	4737	106	510	5353	1432	115	377	2040	1521	-255	-227	8571	0	8571	1506	10077	50.44
5	4718	107	511	5336	1436	173	380	2116	1800	-231	-200	8925	0	8925	1492	10417	50.23
6	4776	112	508	5396	1435	185	397	2409	2090	-231	-192	9311	0	9311	1517	10828	50.02
7	4859	107	500	5466	1434	228	409	2589	2128	-231	-197	9494	0	9494	1614	11108	49.91
8	4914	103	500	5517	1433	267	401	2656	2206	-300	-270	9607	0	9607	1767	11374	49.93
9	4869	144	494	5507	1435	337	412	2727	2429	-369	-341	9831	0	9831	2046	11877	50.00
10	4782	208	479	5469	1434	302	406	3036	2836	-467	-437	10062	0	10062	2456	12518	49.96
11	4829	213	402	5444	1433	291	408	3209	2862	-586	-560	9905	0	9905	2681	12586	49.94
12	4804	261	466	5531	1434	268	409	3257	2686	-634	-585	9769	0	9769	2737	12506	50.04
13	4811	201	474	5486	1433	211	412	3379	2996	-729	-687	9851	0	9851	2699	12550	50.03
14	4815	104	475	5394	1434	137	397	3360	3090	-705	-658	9794	0	9794	2622	12416	50.02
15	4736	114	480	5330	1433	126	378	3273	3271	-705	-660	9878	0	9878	2625	12503	49.93
16	4695	104	484	5283	1433	82	398	3133	3257	-701	-660	9793	0	9793	2627	12420	49.97
17	4937	109	483	5529	1431	60	398	3109	3321	-677	-648	10091	0	10091	2587	12678	49.94
18	5150	439	485	6074	1480	71	395	3080	3390	-677	-640	10770	400	11170	2574	13744	49.88
19	5238	1001	485	6724	1537	100	430	3233	3154	-678	-654	11315	999	12314	2616	14930	49.99
20	5360	417	488	6265	1549	104	433	3386	3639	-751	-715	11295	1254	12549	2581	15130	50.09
21	5333	228	492	6053	1482	101	395	3339	3420	-681	-642	10809	1253	12062	2372	14434	50.04
22	5328	103	492	5923	1471	152	386	3284	3101	-609	-571	10462	266	10728	2199	12927	50.15
23	4802	106	577	5485	1455	168	364	3068	2724	-633	-613	9583	0	9583	2183	11766	50.20
24	4724	96	592	5412	1436	195	386	2546	2253	-510	-492	9190	0	9190	2034	11224	50.26
MUs	117.4 6	4.70	11.90	134.06	34.78	4.00	9.53	68.74	62.85	-12.38	-11.57	233.93	4.17	238.10	52.43	290.53	50.08

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 22/Nov/2010

Position as on 6.30 Hrs of 23/Nov/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
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel Refuelling.	30/11/2010
Uran Unit 5	108	18/11/2010	01.23	22/11/2010	22.33	Maintenance work	
Parli Unit 5	210	19/11/2010	01.05		Continued.	Annual Overhaul	20/12/2010
Cent_Sect NTPC(V-3)	210	23/11/2010	00.20		Continued.	Annual overhaul.	05/12/2010
Nasik Unit 2	125	23/11/2010	00.40		Continued.	Annual Overhaul.	30/12/2010
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	30/11/2010
Paras Unit 2	55	16/11/2010	23.00		Continued.	Boiler tube salidity expired.	23/11/2010
Koradi Unit 4	115	19/11/2010	15.27	22/11/2010	19.29	Boiler Tube Leakage.	
Cent_Sect KARPR2	220	21/11/2010	00.09		Continued.	Safty checking.	26/11/2010
Bhusawal Unit 1	58	22/11/2010	03:55		Continued.	Boiler - 2 feed line fisher valve problem.	25/11/2010
Tata Trombay 7B	60	22/11/2010	18.55	23/11/2010	00.41	Low Vaccum.	
Bhusawal Unit 2	210	22/11/2010	21.30	22/11/2010	22.46	Drum level low.	
Cent_Sect NTPC(K-6)	500	23/11/2010	01.36		Continued.	Boiler tube leakage.	25/11/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2010

Position as on 6.30 Hrs of 23/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Akola - Wardha - I	11/11/2010	23.47		Continued.	Over Voltage.
Kolhapur-Mapusa-II	20/11/2010	21.49		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	20/11/2010	23.02		Continued.	Over Voltage.
Dhule-S'Sarovar I	21/11/2010	22:50	22/11/2010	08:24	Over Voltage.
Dhule-Sar'Sarovar - I	22/11/2010	23.46		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Tillari-Amona-II	16/11/2010	12.43		Continued.	To attend breakdown.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - II	23/11/2010	02.47	23/11/2010	06.18	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudsungi-Amona	14/11/2010	14.27		Continued.	Dist.Prot.R Ph - E142.5KM FROM Mudsungi.
Kolhapur - Amona	21/11/2010	20:40		Continued.	Dist. Prot.
Tillari-Amona-II	21/11/2010	21:25		Continued.	Dist. Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
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.
400/220KV 315 MVA ICT-II @ Talangade	22/11/2010	09.56	22/11/2010	18.17	Q.M.Work
400/220 KV 315MVA ICT-II @ Karad	22/11/2010	10.26	22/11/2010	11.55	Red hot on breaker palm.
Chandrapur - Parli - I	22/11/2010	10.44	22/11/2010	16.10	Ckt.on TBC. Y ph.PG isolator work.
400/220KV 315MVA ICT-II @ BBLSR	22/11/2010	12.15	22/11/2010	14.38	Attend hot spot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
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.
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
220/132 KV 150 MVA ICT - I @ NSK.	10/11/2010	09.40		Continued.	Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)
Babaleshwar - Babaleshwar - II	18/11/2010	09.02		Continued.	Isolator replacement work, Line on TBC
Halkarni - Hemres	20/11/2010	14.30		Continued.	New Line Charged.
B - Bus at Boiser	21/11/2010	09:02		Continued.	Maintenance Isolator alignment and Hot spot.
Boiser-Versova	22/11/2010	06.50	22/11/2010	10.00	R.M.Work
Khaperkheda - Wardha.	22/11/2010	08.02	22/11/2010	21.39	Laying of E/W from Loc.113 to 125.
220/33KV 50 MVA T/F - I	22/11/2010	08.55	22/11/2010	16.05	Attending oil leakage from top plate.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2010

Position as on 6.30 Hrs of 23/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
@ Yavatmal					
Kalwa-Colourchem	22/11/2010	09.42	22/11/2010	16.57	Commissioning of numerical backing relay.
Bus Coupler @ Koradi	22/11/2010	09.54	22/11/2010	17.09	Tan delta measurement .
Bus Section-I At Dhamangaon	22/11/2010	10.25	22/11/2010	14.25	Replacement of B Ph jumper on M.B.isolator
220/132 KV 150 MVA T/F @ Boiser	22/11/2010	11.34	22/11/2010	12.55	Bus isolator and alignment work
Main Bus @ Ichalkaranji	22/11/2010	11.45	22/11/2010	19.00	Jumpering of M.B.isolator of T/F.
Jejuri-Phursungi	22/11/2010	12.35		Continued.	Overhauling of breaker.
Warora - Wardha Power - II	22/11/2010	13.20	22/11/2010	17.45	For B/B protection scheme
Bableshwar - Ahemednagar - I	22/11/2010	14.55	22/11/2010	15.30	Attend red hot.
Bus Section-II At Dhamangaon	22/11/2010	15.15	22/11/2010	17.54	Replacement of R Ph jumper on M.B.isolator.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV,500MVA ICT-III At Kalwa.	22/11/2010	00:56		Continued.	Red hot on 29 Bph Isolator taken on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	21/11/2010	22:56	22/11/2010	05:57	Over Voltage.
Karad - Kolhapur - II	21/11/2010	23:35	22/11/2010	10:28	Over Voltage.
Bhusawal- Aurangabad	22/11/2010	22.36		Continued.	Over Voltage
Karad - Kolhapur - II	22/11/2010	23.41		Continued.	Over Voltage
Karad-Lamboti	23/11/2010	00.35		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28	22/11/2010	16:54	Y-Ph Buchholz..
400/220 KV 315 MVA ICT @ Akola	22/11/2010	14:20		Continued.	Differential Protection.
400/220 KV 315 MVA ICT-II @ Chakan	22/11/2010	16:35	22/11/2010	17:22	Buchholz relay.
Koradi - Akola	23/11/2010	02.06	23/11/2010	05.32	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Halkarni - Hemres	20/11/2010	17.20		Continued.	Distance Protection.
220/132 KV 200 MVA ICT - II @ Theur	20/11/2010	21.32		Continued.	Differantial Protection.
Raymond-Washala	21/11/2010	19:35	22/11/2010	20.58	Dist. Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Butibori MIDC-Khapri Cky.	08/11/2010	10.10		Continued.	Dist.Prot.Y Ph.and B Ph.B/D declear.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	65
Unit 3	105	55
Unit 4	105	50
Unit 5	200	125
Unit 6	210	135
Unit 7	210	135
	1040	635
Bhusawal		
Unit 1	58	0
Unit 2	210	160
Unit 3	210	185
	478	345
Parli		
Unit 1	30	19
Unit 2	30	19
Unit 3	210	175
Unit 4	210	170
Unit 5	210	0
Unit 6	250	200
Unit 7	250	200
	1190	783
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	190
Unit 5	500	400
Unit 6	500	425
Unit 7	500	400
	2340	1895
Paras		
Unit 2	55	0
Unit 3	250	202
Unit 4	250	220
	555	422
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	180
	840	800
Nasik		
Unit 1	120	76
Unit 2	120	0
Unit 3	210	182
Unit 4	210	162
Unit 5	210	172
	870	592
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	475

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	475
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	40
RNGR+BHTSA	20	16
BHANDARDRA	45	13
ELDARY	23	18
SMLHY PTN	12	11
GHATGHAR	250	0
	611	164
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	1555
	960	1555
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	50
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3380
	3143	3380

	17376	7 of 7	14583
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