



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Mar/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Mar/2012 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.858	3459.955	1) Gujrat	4.408	268.711
2) Hydro	8.315	245.912	2) Madhya Pradesh	23.023	639.492
3) Gas	13.993	339.826	3) Chattisgarh	13.520	367.280
Total MSGENCO	147.166	4045.693	4) Maharashtra	58.956	1531.652
B) OTHERS			5) Goa	-7.294	-187.829
1) JSW JAIGAD	26.892	705.789	6) TAPS 1&2 Injection	7.740	208.158
2) WPCL	8.258	228.993	7) RGPPL Injection	25.391	696.333
3) Other CPP / IPP	8.426	224.742	8) Pench (Excess)	-0.266	-8.233
4) Wind Generation	5.408	165.211	# Total Cent. Sector	125.478	3515.564
5) PENCH (MS)	0.266	10.648	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-10.785	-215.064
1) TPCL Thermal	29.796	763.220	G) Bilateral Power *		
2) TPCL Hydro	4.828	93.454	1) MSEDCL Bilateral	41.839	1165.230
TOTAL TPCL	34.624	856.674	Include PX	2.551	52.108
3) REL Thermal	12.606	362.302	2) MUMBAI Bilateral	11.843	281.402
D) STATE			Include PX	0.841	-26.093
1) Thermal (A1+C1+C3)	167.260	4585.477	3) MUMBAI Schedule	11.843	281.963
2) Hydro (A2+B5+C2)	13.409	350.014	H) ENERGY CATERED (MUs)		
3) Gas (A3)	13.993	339.826	1) MSEDCL	311.109	8681.576
4) Wind (B4)	5.408	165.211	2) TPCL	38.711	963.132
5) CPP (B1+B2+B3)	43.576	1159.524	3) REL	19.302	470.892
TOTAL STATE	243.646	6600.052	TOTAL STATE	369.122	10115.600

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5250	4992	5216
MSGENCO Hydro	481	238	199
MSGENCO Gas	580	561	603
MSGENCO Total Generation	6311	5791	6018
Central Sector Receipt	5883	5469	4864
WIND	52	333	141
CPP / IPP	1817	1852	1734
Exchange with Mumbai	-552	-603	-265
MSEDCL DEMAND MET	13523	12842	12492
Load Shedding	1521	1223	345
MSEDCL DEMAND	15044	14065	12837
TPCL GENERATION	1849	1768	897
R-INFRA GENERATION	526	525	525
TPCL+R-INFRA DEMAND	2927	2896	1687
STATE DEMAND MET	16450	15738	14179
STATE DEMAND	17971	16961	14524
Frequency (Hz)	49.99	49.91	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.49 Hz at 06.02 Hrs	49 Hz at 19.12 Hrs	49.83	.53 % 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 29/Mar/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.66	57.99	162	0	155
Unit 6	3.90	95.59	180	130	175
Unit 7	4.12	87.22	190	150	185
Total	10.69	240.79			515
Bhusawal					
Unit 2	4.12	102.85	185	150	160
Unit 3	4.54	125.00	200	185	190
Unit 4	2.22	17.44	248	0	
Total	10.88	245.29			350
Parli					
Unit 3	0.00	66.41	0	0	0
Unit 4	4.12	116.97	186	149	165
Unit 5	3.75	105.90	183	112	160
Unit 6	2.00	123.29	167	0	140
Unit 7	4.54	91.33	228	144	180
Total	14.41	503.90			645
Chandrapur					
Unit 1	0.00	40.24	0	0	0
Unit 2	3.98	115.27	171	162	170
Unit 3	4.56	107.49	195	185	190
Unit 4	4.54	135.77	204	165	190
Unit 5	11.02	250.02	480	445	460
Unit 6	10.64	310.49	461	415	460
Unit 7	10.68	299.74	465	385	425
Total	45.42	1259.02			1895
Paras					
Unit 3	5.90	158.36	259	183	250
Unit 4	5.55	130.65	255	185	250
Total	11.45	289.01			500
Khaparkheda					
Unit 1	4.62	137.26	205	180	200
Unit 2	4.28	108.95	190	172	170
Unit 3	4.61	123.95	212	166	170
Unit 4	4.03	138.89	187	145	170
Unit 5	0.03	0.03	17	0	
Total	17.58	509.08			710
Nasik					
Unit 3	5.02	144.21	220	185	210
Unit 4	4.81	135.81	213	187	210
Unit 5	4.59	132.85	208	158	200
Total	14.42	412.87			620
Uran					
All Units	13.99	339.83	634	559	590
Total	13.99	339.83			590
PENCH (MS)					
Pench (MS)	0.27	10.65	51	0	
Total	0.27	10.65			
Koyna					
Stage 1-2	2.28	65.94	455	40	520
Stage 4	0.14	35.43	142	0	250
Stage 3	0.47	22.08	158	0	320
Total	2.90	123.44			1090
Kovna 12&4 Total	2.43	101.36			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.60	17.49	38	19	36
VTRNA	0.54	1.56	61	0	0
TILLARI	0.38	10.52	60	0	60
BHTGR/VEER	0.48	6.88	20	19	20
BHIRA T.R.	0.28	4.44	80	0	80
RNGR+BHTSA	0.29	9.36	13	11	13
BHANDARDRA	0.77	10.05	32	32	34
ELDARY	0.26	8.06	12	10	0
SMLHY PTN	1.04	26.38	44	43	0
GHATGHAR	0.78	27.71	187	0	0
Total	5.42	122.47			243
Wind					
MalharPeth	0.28	7.37			
Vankuswadi	0.43	10.91			
ATIT	0.07	2.99			
Kale	0.17	4.72			
Satara	1.04	19.35			
Shirala	0.18	5.81			
K Mahankal	0.01	9.60			
Supa	0.21	3.80			
Vita	0.37	24.18			
Dondaicha	1.67	51.48			
Sakri	0.30	7.22			
Nandurbar	0.14	5.20			
Khandke	0.31	7.33			
Khaparale	0.23	5.23			
Total	5.41	165.21			
CPP					
JSW JAIGAD	26.89	705.79	1203	1075	995
WARDHA	8.26	228.99	362	308	344
Other CPPs	8.43	224.74			
Total	43.58	1159.52			1339
Tata					
Trombay 4		0.00	0	0	0
Trombay 5	10.98	304.52	503	310	500
Trombay 6	8.45	198.20	502	176	500
Trombay 7A	2.85	82.07	127	101	120
Trombay 7B	1.61	45.11	70	62	60
Trombay 8	5.91	133.32	252	215	250
TATA Hydro	4.83	93.45	459	0	447
Total	34.62	856.67			1877
REL					
1&2	12.61	362.30	527	523	500
Total	12.61	362.30			500
Cent Sect					
Share					5167
Total					5167

MS PG CL	Thermal	124.86	3459.96			5235
	Thml+Gas	138.85	3799.78			5825
	Hydro	8.32	245.91			1333
	Total	147.17	4045.69			7158
State Total		243.65	6600.05			16041

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Mar/2012

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	5214	424	601	6239	124	1738	5194	5531	-511	-491	13141	99	13240	2117	15357	49.65
2	5170	329	604	6103	135	1735	5109	5173	-437	-367	12779	299	13078	1888	14966	49.72
3	5203	324	605	6132	151	1736	4874	4964	-437	-319	12664	333	12997	1766	14763	49.84
4	5216	199	603	6018	141	1734	4806	4864	-386	-265	12492	345	12837	1687	14524	49.89
5	5239	204	603	6046	142	1735	4786	5054	-367	-225	12752	356	13108	1653	14761	49.81
6	5213	229	606	6048	142	1792	5040	5339	-346	-236	13085	512	13597	1731	15328	49.65
7	5348	344	634	6326	139	1822	4887	4904	-385	-295	12896	1333	14229	1841	16070	49.82
8	5373	262	611	6246	82	1817	4896	5045	-405	-334	12856	1446	14302	1955	16257	49.96
9	5376	245	604	6225	67	1823	4941	5020	-465	-435	12700	1318	14018	2246	16264	49.93
10	5362	434	604	6400	71	1827	4939	5417	-475	-456	13259	1388	14647	2613	17260	49.84
11	5330	656	605	6591	64	1818	4965	5530	-504	-522	13481	1450	14931	2865	17796	49.88
12	5250	481	580	6311	52	1817	5330	5883	-578	-552	13523	1521	15044	2927	17971	49.99
13	5236	219	559	6014	78	1828	5348	5714	-600	-545	13089	1556	14645	2926	17571	50.00
14	5244	183	560	5987	120	1824	5310	5818	-563	-539	13210	1120	14330	2857	17187	50.05
15	5071	188	560	5819	243	1830	5459	5950	-517	-522	13320	953	14273	2914	17187	49.90
16	5022	283	560	5865	309	1822	5460	5989	-518	-527	13458	1046	14504	2919	17423	49.95
17	4992	238	561	5791	333	1852	5087	5469	-636	-603	12842	1223	14065	2896	16961	49.91
18	5299	200	562	6061	387	1899	5004	4251	-578	-594	12004	969	12973	2829	15802	49.96
19	5298	300	562	6160	406	1910	4960	4136	-474	-511	12111	786	12897	2739	15636	49.88
20	5046	557	562	6165	384	1910	5106	5163	-511	-491	13171	592	13763	2774	16537	49.67
21	4983	552	562	6097	394	1907	5132	5218	-536	-482	13185	432	13617	2654	16271	49.65
22	5102	339	562	6003	501	1888	5117	4952	-545	-449	12946	290	13236	2504	15740	49.67
23	5154	387	561	6102	476	1778	4973	5131	-555	-518	13020	252	13272	2425	15697	49.63
24	5117	737	561	6415	470	1734	4874	4968	-516	-507	13131	184	13315	2289	15604	49.73
MUs	124.86	8.31	13.99	147.16	5.41	43.58	121.60	125.48	-11.84	-10.78	311.12	19.80	330.92	58.02	388.93	49.83

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 29/Mar/2012

Position as on 6.30 Hrs of 30/Mar/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koyna UNIT 6	75	10/03/2012	07.05		Continued.	Pressure Shaft work	28/03/2012
Chandrapur Unit 1	210	11/03/2012	08.48		Continued.	Annual Overhaul	07/04/2012
FORCED OUTAGE							
Dabhol 3B	230	04/02/2012	23.43		Continued.	Gas Shortage	
Khaparkheda Unit 5	500	13/02/2012	22.18	29/03/2012	17.05	Low Vaccum.	
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Dabhol 3A	230	07/03/2012	15.42		Continued.	Gas shortage.	
Dabhol 3X	290	07/03/2012	15.42		Continued.	Gas shortage.	
Cent_Sect TARAPUR-3	540	15/03/2012	22.13		Continued.	Primary coolant pump fail.	
CPP WPCL U-2	135	19/03/2012	03.21		Continued.	Precepitator & Gas Fillter Replacement Work.	
Parli Unit 3	210	23/03/2012	23.57		Continued.	Coal shortage.	
Bhusawal Unit 4	500	25/03/2012	17.37		Continued.	Gen.Protection.	
Koyna Unit 10	80	29/03/2012	08.00	29/03/2012	17.50	Governer Maint.work	
Parli Unit 6	250	29/03/2012	11.20	29/03/2012	20.42	Conveyer Problem	
Bhusawal Unit 5	500	29/03/2012	14.58	29/03/2012	16.53	Tripped on Glass "A" prot.	
Khaparkheda Unit 5	500	29/03/2012	17.11	29/03/2012	22.12	Auxiliary T/F Trip	
Koradi Unit 5	200	29/03/2012	18.35		Continued.	ID Fan problem	
Bhusawal Unit 5	500	29/03/2012	19.05	30/03/2012	02.50	Tripped on condensor vaccum pressure low.	
Khaparkheda Unit 5	500	29/03/2012	22.48		Continued.	Hand Tripped	
Khaparkheda Unit 5	500	29/03/2012	23.40	30/03/2012	00.10	Bus change over.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2012

Position as on 6.30 Hrs of 30/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Wardha - Seoni	28/03/2012	09.37		Continued.	Balance work of terminating tower of 400KV Wardha-Warora D/C line.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	24/03/2012	11.47		Continued.	Over Voltage
Kolhapur-Mapusa-II	28/03/2012	16.37	29/03/2012	09.40	Over Voltage
Dhule-Sar'Sarovar - II	29/03/2012	03.10		Continued.	Over Voltage.
Kolhapur - Mapusa - I	29/03/2012	21.40		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Solapur (PG)-South Solapur I	28/02/2012	21.59		Continued.	H/T.After Test Charge.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/11 KV 80 MVA Station T/F 4A @ Deepnagar	03/01/2012	10.15		Continued.	Replacement of H V Bushing.
400/220 KV,500MVA ICT-II at Deepnagar.	10/01/2012	10.30		Continued.	Connection of L V Side Jumpers of ICT -I & II Span Stringing & Testing Work.
400/220 KV 105 MVA Spare ICT - I at Nagothane.	26/03/2012	11:28		Continued.	Oil Filtration Work.
Aux.Bus @ Kolhapur	27/03/2012	12.51		Continued.	Alignment and servicing of C bus pentograph isolator.
Kalwa - Padgha - I	28/03/2012	11.22		Continued.	Taken on TBC(up to 13.04.2012)
400/220 KV 315 MVA ICT - II @ Parli	29/03/2012	07.29	29/03/2012	21.09	Due to Bus Sec.II outage.
Karad-New Koyna II	29/03/2012	08.07		Continued.	Repl.of 400KV CVT and LA.(Line ready for charging)
Newkoyna - Jaigad - I	29/03/2012	10.41	29/03/2012	14.12	Cold line insulator washing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 30-03-2012)
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Kharghar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
220/6.6KV,40MVA Stn..T/F-II at Korady	21/02/2012	11.03	29/03/2012	16.28	Tan delta of CT and Q.M.Work
Chalisgaon-Khadka	26/03/2012	09:21		Continued.	Replacement of CB. (line taken on TBC).
220 KV TBC @ Kalwa	27/03/2012	13.20		Continued.	Repl. of CT @ Borivali bay.
220/132 KV 100 MVA ICT II at Girwali	29/03/2012	06.18	29/03/2012	21.14	Stringing work of new ICT III jack bus above existing bus section.
220/132KV,200MVA ICT-III at Girwali	29/03/2012	06.19	29/03/2012	21.15	Stringing work of new ICT III jack bus above existing bus section.
Pedambe - Pophali	29/03/2012	06.20		Continued.	Repl.of insulator.
220/100KV 200MVA ICT-II at Kalwa	29/03/2012	07.18	29/03/2012	17.40	Attending oil leakage of R-Ph HV bushing.
Girwali - Parly - II	29/03/2012	07.26	29/03/2012	21.26	Stringing work of new ICT III jack bus above existing bus section.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2012

Position as on 6.30 Hrs of 30/Mar/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Murud - Girawli.	29/03/2012	07.40	29/03/2012	21.42	Stringing work of new ICT III jack bus above existing bus section.
Bus Section-II at 220KV Girvali	29/03/2012	07.50	29/03/2012	21.02	Stringing work of new ICT III jack bus above existing bus section.
220/100KV, 100 MVA T/F-I at Jambhul	29/03/2012	08.30		Continued.	B-Ph LA replacement.
220/132KV 200MVA ICT-I at Chikhali	29/03/2012	09.04	29/03/2012	10.58	To attend oil leakage from B-Ph CT.
220/132KV 100 MVA ICT-II at Dondaicha	29/03/2012	09.13	29/03/2012	14.35	Measurement of tan delta of ICT bushing.
Nivali-Pawas	29/03/2012	09.30	29/03/2012	13.05	Insulator cold washing.
220/100 KV 100 MVA T/F - IV @ Kandalgaon	29/03/2012	10.15	29/03/2012	18.54	SFRA of T/F.
Wankuswadi-Satara-MIDC	29/03/2012	10.45	29/03/2012	17.00	Jumper connection of 100MVA ICT.
Bus Section-II Wankuswadi	29/03/2012	10.45	29/03/2012	17.50	Connecting jumpers of ICT.
Kharepatan-Pawas	29/03/2012	15.10	29/03/2012	17.55	Repl.of Bus Sec.string insulator.
Bhosari-Telco	29/03/2012	15.11	29/03/2012	17.17	Red Hot on Bus Bar Section.
Bhosari - Chakan	29/03/2012	15.19	29/03/2012	17.15	Red Hot on 220KV Bus Bar Section.
Kalwa-Trombay	29/03/2012	22.43	30/03/2012	05.25	220 KV cable termination.
Trombay Sonkhar	29/03/2012	22.45	30/03/2012	05.27	220 KV cable termination.
220/100KV, 200 MVA ICT-II at Trombay.	29/03/2012	22.49	30/03/2012	05.30	220 KV cable termination.
Tie -2 @ Trombay	29/03/2012	22.52	30/03/2012	05.44	220 KV cable termination.
Bus section - I @ Trombay	29/03/2012	22.53	30/03/2012	05.22	220 KV cable termination.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Bhusawal	27/03/2012	08.53		Continued.	Isolator replacement work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Karad - Kolhapur - II	29/03/2012	19.40	29/03/2012	21.47	To attend hot spot.
Karad - Kolhapur - I	29/03/2012	21.54		Continued.	To attend hot spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	16/02/2012	16.56		Continued.	Over Voltage.
Bhusawal- Aurangabad	28/03/2012	17.53	29/03/2012	06.40	Over Voltage.
Bhusawal- Aurangabad	29/03/2012	17.08		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	29/03/2012	12.13	29/03/2012	13.34	To control Koradi ICT loading.
Wardha-Abhijeet I	29/03/2012	12.13	29/03/2012	13.34	To control Koradi ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	21/01/2012	03.36		Continued.	Buchholz Alarm Persisting
Voltage Level : 220KV			Outage Type TRIPPED		
Kharepatan-Pawas	29/03/2012	05.45	29/03/2012	06.21	Dist.Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Mar/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	170
Unit 7	210	160
	620	330
Bhusawal		
Unit 2	210	180
Unit 3	210	190
Unit 4	500	
	920	370
Parli		
Unit 3	210	0
Unit 4	210	150
Unit 5	210	165
Unit 6	250	160
Unit 7	250	165
	1130	640
Chandrapur		
Unit 1	210	0
Unit 2	210	170
Unit 3	210	190
Unit 4	210	200
Unit 5	500	475
Unit 6	500	450
Unit 7	500	450
	2340	1935
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	840
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	630	620
Uran		
All Units	852	560
	852	560
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	36
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	301
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	600	1080
WARDHA	405	361
Other CPPs	0	
	1005	1441
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	5165
	3455	5165

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