



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Dec/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Dec/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.437	1435.441	1) Gujrat	14.887	141.488
2) Hydro	13.897	149.316	2) Madhya Pradesh	19.776	211.344
3) Gas	7.820	99.484	3) Chattisgarh	12.320	148.450
Total MSGENCO	134.154	1684.241	4) Maharashtra	77.928	845.792
B) 1) JSW JAIGAD	20.302	245.766	5) Goa	-5.352	-66.474
2) WPCL	8.863	106.314	6) TAPS 1&2 Injection	3.440	41.775
3) ADANI	0.000	0.000	7) RGPPL Injection	6.193	109.234
4) Other CPP / IPP	10.738	126.680	8) Pench (Excess)	-0.198	-3.238
5) Wind Generation	1.741	44.908	# Total Cent. Sector	128.994	1428.371
6) PENCH (MS)	0.198	3.238	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-8.193	-119.952
1) TPCL Thermal	26.604	310.939	G) Bilateral Power *		
2) TPCL Hydro	4.134	41.414	1) MSEDCL Bilateral	43.853	455.420
TOTAL TPCL	30.738	352.353	Include PX	7.930	20.251
3) REL Thermal	12.624	137.525	2) MUMBAI Bilateral	12.279	130.658
D) STATE			Include PX	1.406	8.471
1) Thermal (A1+C1+C3)	151.665	1883.905	3) MUMBAI Schedule	12.279	131.958
2) Hydro (A2+B5+C2)	18.229	193.968	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.820	99.484	1) MSEDCL	296.797	3519.566
4) Wind (B4)	1.741	44.908	2) TPCL	34.680	409.025
5) CPP (B1+B2+B3)	39.903	478.760	3) REL	16.873	200.789
TOTAL STATE	219.358	2701.025	TOTAL STATE	348.350	4129.380

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	4981	4412	4574
MSGENCO Hydro	1248	939	120
MSGENCO Gas	317	318	335
MSGENCO Total Generation	6546	5669	5029
Central Sector Receipt	6150	5944	4810
WIND	14	101	70
CPP / IPP	1697	1695	1592
Exchange with Mumbai	-507	-430	-136
MSEDCL DEMAND MET	13900	12979	11365
Load Shedding	748	517	230
MSEDCL DEMAND	14648	13496	11595
TPCL GENERATION	1614	1550	825
R-INFRA GENERATION	527	527	528
TPCL+R-INFRA DEMAND	2648	2507	1489
STATE DEMAND MET	16548	15486	12854
STATE DEMAND	17296	16003	13084
Frequency (Hz)	49.88	49.88	50.30

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.51 Hz at 03.10 Hrs	49.64 Hz at 16.28 Hrs	50.02	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 12/Dec/2012

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	3.21	37.42	145	125	125
Unit 7	3.15	38.57	145	110	135
Total	6.36	75.99			260
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.32	51.98	195	170	170
Unit 4	0.00	74.80	0	0	0
Unit 5	0.00	0.00	0	0	
Total	4.32	126.77			170
Parli					
Unit 3	3.13	40.94	147	109	140
Unit 4	0.00	0.00	0	0	0
Unit 5	3.87	44.69	172	140	169
Unit 6	0.00	0.00	0	0	0
Unit 7	5.35	57.79	250	180	190
Total	12.35	143.42			499
Chandrapur					
Unit 1	3.52	42.31	150	141	150
Unit 2	3.72	37.16	164	141	150
Unit 3	4.56	54.21	201	155	190
Unit 4	4.67	54.79	197	191	200
Unit 5	10.24	122.84	447	400	430
Unit 6	9.61	125.58	435	350	400
Unit 7	8.18	112.62	397	259	300
Total	44.48	549.52			1820
Paras					
Unit 3	5.64	67.32	254	211	230
Unit 4	5.76	65.98	255	211	230
Total	11.40	133.30			460
Khaparkheda					
Unit 1	3.67	41.26	180	130	145
Unit 2	4.41	45.71	210	150	185
Unit 3	0.00	31.13	0	0	0
Unit 4	4.60	46.73	216	162	170
Unit 5	9.12	105.47	505	0	449
Total	21.79	270.30			949
Nasik					
Unit 3	4.42	46.04	190	175	190
Unit 4	3.18	39.32	184	0	190
Unit 5	4.14	50.78	188	154	190
Total	11.73	136.15			570
Uran					
All Units	7.82	99.48	336	314	310
Total	7.82	99.48			310
PENCH (MS)					
Pench (MS)	0.20	3.24	54	0	
Total	0.20	3.24			
Koyna					
Stage 1-2	3.98	39.08	370	40	440
Stage 4	4.60	44.90	558	0	250
Stage 3	1.87	18.07	186	0	240
Kovna 12&4 Total	8.58	83.98			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	10.45	102.05			930
Hydro					
KDPH	0.46	4.24	20	19	18
VTRNA	0.00	0.99	0	0	0
TILLARI	0.30	3.24	59	0	60
BHTGR/VEER	0.06	0.70	3	2	3
BHIRA T.R.	0.23	2.42	41	0	40
RNGR+BHTSA	0.40	4.76	17	16	16
BHANDARDRA	0.00	3.71	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.11	13.53	52	43	10
GHATGHAR	0.90	13.67	125	0	0
Total	3.44	47.26			147
Wind					
MalharPeth	0.10	3.35			
Vankuswadi	0.19	5.02			
ATIT	0.03	1.04			
Kale	0.07	1.54			
Satara	0.06	4.33			
Shirala	0.07	2.00			
K Mahankal	0.56	4.61			
Supa	0.07	0.80			
Vita	0.39	5.31			
Dondaicha	0.00	9.96			
Sakri	0.00	1.33			
Nandurbar	0.00	0.80			
Khandke	0.21	2.81			
Khaparale	0.01	2.01			
Total	1.74	44.91			
CPP					
JSW JAIGAD	20.30	245.77	873	793	824
WARDHA	8.86	106.31	371	367	368
Adani	0.00	0.00	0	0	
Other CPPs	10.74	126.68			
Total	39.90	478.76			1192
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.43	118.69	504	287	500
Trombay 6	5.82	69.02	383	154	500
Trombay 7A	2.90	35.52	128	114	120
Trombay 7B	1.62	19.76	70	65	60
Trombay 8	5.84	67.96	251	194	250
TATA Hydro	4.13	41.41	306	0	318
Total	30.74	352.35			1748
REL					
1&2	12.62	137.52	529	495	500
Total	12.62	137.52			500
Cent Sect					
Share					5274
Total					5274

MS PG CL	Thermal	112.44	1435.44			4728
	Thml+Gas	120.26	1534.92			5038
	Hydro	13.90	149.32			1077
	Total	134.15	1684.24			6115
State Total		219.36	2701.02			14829

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Dec/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	4456	230	335	5021	107	1650	4760	4876	-433	-302	11352	144	11496	1755	13251	50.19
2	4451	120	335	4906	98	1623	4701	5025	-376	-207	11445	205	11650	1605	13255	50.30
3	4543	120	336	4999	93	1597	4609	4862	-356	-151	11400	218	11618	1528	13146	50.25
4	4574	120	335	5029	70	1592	4590	4810	-333	-136	11365	230	11595	1489	13084	50.30
5	4666	125	333	5124	66	1606	4603	4955	-330	-145	11606	280	11886	1477	13363	50.17
6	4691	155	336	5182	94	1644	4791	5385	-336	-200	12105	463	12568	1573	14141	50.03
7	4798	150	335	5283	116	1707	5259	5022	-340	-224	11904	880	12784	1744	14528	49.90
8	4873	297	336	5506	82	1705	5250	5619	-329	-238	12674	873	13547	1864	15411	49.85
9	4905	496	329	5730	42	1680	5427	5971	-397	-273	13150	883	14033	2099	16132	49.89
10	4961	1054	325	6340	41	1684	5482	6123	-508	-356	13832	654	14486	2389	16875	50.02
11	4961	1340	320	6621	19	1692	5803	6103	-632	-476	13959	551	14510	2610	17120	49.97
12	4981	1248	317	6546	14	1697	5848	6150	-679	-507	13900	748	14648	2648	17296	49.88
13	4954	1057	318	6329	25	1677	5736	5820	-633	-495	13356	878	14234	2638	16872	49.94
14	4927	951	316	6194	66	1677	5677	5779	-611	-409	13307	787	14094	2509	16603	50.15
15	4410	1248	314	5972	100	1681	5710	5964	-656	-470	13247	687	13934	2524	16458	49.97
16	4460	1284	319	6063	115	1694	5717	5969	-653	-469	13372	615	13987	2528	16515	49.83
17	4412	939	318	5669	101	1695	5801	5944	-643	-430	12979	517	13496	2507	16003	49.88
18	4536	798	318	5652	62	1628	5019	5007	-630	-448	11901	479	12380	2515	14895	49.93
19	4553	1100	319	5972	55	1641	5158	5423	-684	-497	12637	416	13053	2577	15630	49.97
20	4654	491	320	5465	52	1652	5244	5170	-611	-389	12003	537	12540	2510	15050	49.87
21	4733	194	320	5247	69	1648	5001	4891	-566	-371	11538	492	12030	2382	14412	49.93
22	4700	131	325	5156	78	1664	4973	4640	-548	-376	11210	480	11690	2192	13882	50.14
23	4666	127	330	5123	78	1680	4699	4741	-524	-333	11289	219	11508	2031	13539	49.95
24	4574	122	331	5027	98	1689	4584	4747	-472	-291	11270	154	11424	1861	13285	50.09
MUs	112.44	13.90	7.82	134.16	1.74	39.90	124.44	129.00	-12.28	-8.19	296.80	12.39	309.19	51.56	360.75	50.02

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 12/Dec/2012

Position as on 6.30 Hrs of 13/Dec/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	
Uran Unit A0	120	15/11/2012	23.56		Continued.	A/OH.	
Koyna Unit 5	80	20/11/2012	23.45		Continued.	To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit	21/12/2012
Koyna Unit 6	75	21/11/2012	07.55		Continued.	Overhauling work of Spherical Valve.	21/12/2012
CPP WPCL U-3	135	26/11/2012	17.33		Continued.	Annual Shutdown.	
Parli Unit 4	210	28/11/2012	02.37		Continued.	W/DN due to water shortage.	
Koyna Unit 12	80	29/11/2012	08.30		Continued.	A/OH.	
CPP JSW (J) U4	300	30/11/2012	23.32		Continued.	Planned shutdown A.M.	
FORCED OUTAGE							
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	31/12/2012
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	ID Fan Problem	
Dabhol 3B	230	28/10/2012	12.43		Continued.	Gas Shortage	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
Parli Unit 6	250	07/11/2012	09.57		Continued.	Flame Failure.	
CPP Adani	660	09/11/2012	19.16		Continued.	Tripped due to Tripping of 400KV Wardha-Warora-I.	
Uran Unit 5	108	19/11/2012	23.55		Continued.	Gas Shortage	
Bhusawal Unit 5	500	25/11/2012	07.32		Continued.	Coal Shortage	
Dabhol 3X	290	03/12/2012	21.21		Continued.	Gas Shortage	
Dabhol 3A	230	03/12/2012	21.23		Continued.	Gas Shortage	
Uran Unit 6	108	05/12/2012	11.07		Continued.	Gas shortage.	
Khaparkheda Unit 3	210	09/12/2012	15.21		Continued.	Boiler Tube Leakage	
Bhusawal Unit 4	500	10/12/2012	20.22		Continued.	Boiler Tube Leakage	
Dabhol 2A	230	11/12/2012	16.36		Continued.	Gas Shortage	
Khaparkheda Unit 5	500	12/12/2012	14.01	12/12/2012	16.52	Master Fuel Trip.	
Nasik Unit 4	210	12/12/2012	18.15		Continued.	Boiler Tube Leakage.	15/12/2012
Chandrapur Unit 2	210	12/12/2012	23.58		Continued.	Boiler Tube Leakage.	15/12/2012

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2012

Position as on 6.30 Hrs of 13/Dec/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur-I	04/11/2012	09.53		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Mahalakshimi-Amona-I	12/12/2012	10.15	12/12/2012	18.04	Insulator Replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Seoni - Wardha - I 765KV	03/12/2012	22.34		Continued.	Over Voltage
Kolhapur-Solapur (PG) II	04/12/2012	12.41	12/12/2012	09.03	Over Voltage.
Kolhapur-Mapusa-II	08/12/2012	17.18		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	10/12/2012	23.08	12/12/2012	08.10	Over Voltage
Parly - Solapur (PGCIL) - I	12/12/2012	03.14	13/12/2012	06.22	Over Voltage.
Kolhapur-Solapur (PG) II	12/12/2012	16.16		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	12/12/2012	20.36		Continued.	Over Voltage.
Parli - Solapur (PGCIL) - I	13/12/2012	02.10		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha - Deoli (PGCIL)	18/11/2012	11.19		Continued.	To control Wardha-Yawatmal Loading
Voltage Level : 400KV			Outage Type TRIPPED		
Warora - Tiroda - II	09/11/2012	19.16		Continued.	Tripped due to Warora-Wardha(PG)-I on O/V.(Isolator problem at Tiroda)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Revamping Work of ICT-1.
Bhusawal - Deepnagar - I	11/12/2012	10.52	12/12/2012	09.52	R Phase Line Isolator Problem.
Khadka - Deepnagar - II	12/12/2012	09.56		Continued.	Scada Testing Work,Ready for Charging.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kharghar - Kalwa	19/10/2012	08.55		Continued.	Mumbai Strengthening work
Ghodbandar - Bhoisor (MSETCL)	04/11/2012	10.35		Continued.	mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Trombay - Tifil	02/12/2012	08.19		Continued.	Mumbai Strengthening work(Till 30/12/2012)
220/132KV 200 MVA ICT-III @ Padegaon	07/12/2012	14.36		Continued.	Replacement of MOCB(ICT will be charged through TBC.)
Kalwa - Siemens	10/12/2012	09.28		Continued.	Replacement of 29A&B Isolators(Taken on TBC)
220/110KV,200 MVA ICT-I at Mudshingi	11/12/2012	10.05		Continued.	Replacement of LV side Old C.B.
Lamboti - Pandharpur	12/12/2012	11.15	12/12/2012	18.40	Relay Retrofitting & Testing Work.
Miraj - Vita	12/12/2012	14.38	12/12/2012	17.14	Maintenance Work.
Mudshingi-Wathar	12/12/2012	16.08	12/12/2012	16.46	Tauras Measurment.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Karad-Jaigad II	12/12/2012	11.13	12/12/2012	15.00	To Attend Hot Spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz Alarm. Proposed for Repairs.
400/220 KV 315 MVA ICT @ Akola	06/12/2012	12.26		Continued.	Due to abnormal results of DGA test.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2012

Position as on 6.30 Hrs of 13/Dec/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Aurangabad-Deepnagar-II	11/12/2012	13.21		Continued.	Over Voltage
Bhusawal- Aurangabad	11/12/2012	17.36	12/12/2012	08.07	Over Voltage
Lonikand- Koyna Stage IV	11/12/2012	21.57	12/12/2012	06.35	Over Voltage.
Lonikand- Koyna Stage IV	12/12/2012	00.20		Continued.	Over Voltage.
Bhusawal- Aurangabad	12/12/2012	16.05	13/12/2012	07.16	Over Voltage.
Lonikand- Koyna Stage IV	13/12/2012	00.20		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chikhali - Jalna - II	10/12/2012	21.43		Continued.	Due to Overloading
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated. Declared Faulty by Genco. Sent for Repairs.
Lonikand-Parli-I	12/12/2012	06.28	12/12/2012	15.38	Distance Protection B Ph.to Earth Z-I
Lonikand - Parli - II	12/12/2012	06.34	12/12/2012	11.04	Distance Protection B Ph.to Earth Z-I
New Koyna - Koyna Stage IV - II	13/12/2012	01.34		Continued.	Over Voltage.
Nagothane-Dabhol-I	13/12/2012	01.40		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Bus section-II at Nsk GCR	08/12/2012	01.41		Continued.	Bus Section-II,'B' ph.CT burst.
Karad-Pedambe	12/12/2012	00.15	12/12/2012	09.10	Distance Protection
Chinchwad-Parvati	12/12/2012	04.20	12/12/2012	11.31	Distance Protection
Pedambe-Mahad	12/12/2012	05.38	12/12/2012	06.35	Distance Protection
Karad-Pophali	12/12/2012	06.43	12/12/2012	15.00	Distance Protection.
220/132 KV 100 MVA T/F - 6 @ Chinchwad	13/12/2012	05.10		Continued.	Diff.Protection, Y Ph. H V Side L A Burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Gangakhed - Sonpeth- II	12/12/2012	02.45	12/12/2012	03.45	Distance Protection
Gondia - Amgaon RLY TSS - II	12/12/2012	05.55	12/12/2012	06.15	Distance Protection Operated Zone-I.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Dec/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	125
Unit 7	210	145
	620	270
Bhusawal		
Unit 2	210	0
Unit 3	210	190
Unit 4	500	0
Unit 5	500	
	1420	190
Parli		
Unit 3	210	129
Unit 4	210	0
Unit 5	210	145
Unit 6	250	0
Unit 7	250	180
	1130	454
Chandrapur		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	180
Unit 4	210	190
Unit 5	500	430
Unit 6	500	430
Unit 7	500	350
	2340	1730
Paras		
Unit 3	250	225
Unit 4	250	230
	500	455
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	0
Unit 4	210	190
Unit 5	500	400
	1340	950
Nasik		
Unit 3	210	190
Unit 4	210	0
Unit 5	210	190
	630	380
Uran		
All Units	852	315
	852	315
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	240
	1920	930
Hydro		
KDPH	40	18
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	27
GHATGHAR	250	
	611	145
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	790
WARDHA	405	370
Adani	660	
Other CPPs	0	
	1665	1160
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	318
	2024	1748
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5243
	3455	5243

	19060	7 of 7 14470
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