

State Load Despatch Center,Airoli (MSETCL)
Power System Position from 20/Jul/2015 to 26/Jul/2015

Supply Position During Morning Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Catered Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
20/07/2015	12 Hrs	4159	169	134	4462	5835	1791	3363	84	-1555	13980	45	14025	1042	513	17090	17135	49.95
21/07/2015	12 Hrs	4142	254	270	4666	5225	1303	3995	86	-1538	13737	50	13787	940	514	16729	16779	49.97
22/07/2015	11 Hrs	4350	320	138	4808	5038	1594	4047	90	-1555	14022	51	14073	972	508	17057	17108	50.01
23/07/2015	10 Hrs	4620	334	274	5228	5407	1022	4194	88	-1368	14571	52	14623	933	514	17386	17438	49.97
24/07/2015	12 Hrs	4274	548	267	5089	5399	846	3985	118	-1555	13882	46	13928	1035	518	16990	17036	49.91
25/07/2015	10 Hrs	4194	187	261	4642	4678	2036	3834	56	-1413	13833	50	13883	699	477	16422	16472	49.97
26/07/2015	10 Hrs	4381	558	272	5211	4188	1821	3444	86	-991	13759	52	13811	693	392	15835	15887	50.06
Maximum		4620	558	274	5228	5835	2036	4194	118	-991	14571	52	14623	1042	518	17386	17438	50
Minimum		4142	169	134	4462	4188	846	3363	56	-1555	13737	45	13787	693	392	15835	15887	50
Average		4303	339	231	4872	5110	1488	3837	87	-1425	13969	45	14019	902	491	16787	16836	50

Supply Position During Day Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Catered Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
20/07/2015	14 Hrs	4180	130	135	4445	5380	1727	3395	86	-1489	13544	36	13580	1045	515	16593	16629	49.99
21/07/2015	13 Hrs	4013	181	269	4463	5116	1316	3854	84	-1527	13306	48	13354	932	516	16281	16329	49.98
22/07/2015	13 Hrs	4357	340	132	4829	5388	1269	3979	111	-1485	14091	47	14138	1004	514	17094	17141	50.00
23/07/2015	13 Hrs	4626	120	272	5018	4667	1099	4147	114	-1360	13685	48	13733	1021	517	16583	16631	49.97
24/07/2015	13 Hrs	4190	452	269	4911	4937	932	4007	111	-1521	13377	44	13421	1044	517	16459	16503	49.94
25/07/2015	13 Hrs	4323	126	260	4709	4129	2076	3250	97	-1365	12896	46	12942	956	517	15734	15780	49.98
26/07/2015	13 Hrs	4373	218	271	4862	3655	2004	3501	119	-1140	13001	48	13049	732	394	15267	15315	50.04
Maximum		4626	452	272	5018	5388	2076	4147	119	-1140	14091	48	14138	1045	517	17094	17141	50
Minimum		4013	120	132	4445	3655	932	3250	84	-1527	12896	36	12942	732	394	15267	15315	50
Average		4295	224	230	4748	4753	1489	3733	103	-1412	13414	36	13460	962	499	16287	16333	50

Supply Position During Evening Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Cateder Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
20/07/2015	21 Hrs	4192	715	133	5040	4417	1404	3798	0	-1315	13344	34	13378	899	517	16075	16109	49.97
21/07/2015	20 Hrs	3958	472	272	4702	5631	1239	3102	0	-1211	13463	38	13501	1034	517	16225	16263	49.88
22/07/2015	21 Hrs	4264	200	270	4734	5082	1070	4081	0	-1185	13782	39	13821	951	518	16436	16475	49.91
23/07/2015	20 Hrs	4278	385	272	4935	5021	1156	3821	0	-1200	13733	41	13774	1031	519	16483	16524	49.87
24/07/2015	20 Hrs	4313	310	259	4882	4286	1719	3376	0	-1263	13000	44	13044	968	519	15750	15794	49.90
25/07/2015	21 Hrs	4466	258	263	4987	4100	1674	3455	0	-1133	13083	46	13129	966	516	15698	15744	49.98
26/07/2015	21 Hrs	4509	207	258	4974	3652	1926	3393	0	-1271	12674	41	12715	621	394	14960	15001	49.94
Maximum		4509	715	272	5040	5631	1926	4081	0	-1133	13782	46	13821	1034	519	16483	16524	50
Minimum		3958	200	133	4702	3652	1070	3102	0	-1315	12674	34	12715	621	394	14960	15001	50
Average		4283	364	247	4893	4598	1455	3575	0	-1225	13297	34	13337	924	500	15947	15987	50

Supply Position During Night Off Peak (MW)

Date	Time	MSGENCO				Central Sector Receipt	Wind	CPP	SOLAR	TPCL Exch.	MSEDCL Cateder Demand	Load Shedding(LS)	MSEDCL Demand (Incl. LS)	TPCL Gen.	R-INFRA Gen.	State Demand Met	State Demand (Incl. LS)	Freq.
		THM	HYDRO	GAS	Total													
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
20/07/2015	4 Hrs	4063	52	134	4249	4170	1845	3031	0	-1032	12263	40	12303	521	394	14210	14250	50.05
21/07/2015	4 Hrs	3977	70	135	4182	3840	1315	3379	0	-977	11739	44	11783	523	396	13635	13679	50.05
22/07/2015	4 Hrs	3805	42	136	3983	4306	1447	3430	0	-877	12289	45	12334	522	396	14084	14129	50.01
23/07/2015	4 Hrs	4034	71	284	4389	4062	874	3861	0	-764	12422	44	12466	558	395	14139	14183	49.97
24/07/2015	4 Hrs	4369	55	281	4705	3889	983	2464	0	-748	11293	41	11334	571	397	13009	13050	49.98
25/07/2015	3 Hrs	3923	130	260	4313	3140	1613	3110	0	-888	11288	42	11330	519	395	13090	13132	49.98
26/07/2015	4 Hrs	4297	186	261	4744	2706	1673	3421	0	-856	11688	44	11732	517	396	13457	13501	50.01
Maximum		4369	186	284	4744	4306	1845	3861	0	-748	12422	45	12466	571	397	14210	14250	50
Minimum		3805	42	134	3983	2706	874	2464	0	-1032	11288	40	11330	517	394	13009	13050	50
Average		4067	87	213	4366	3730	1393	3242	0	-877	11855	40	11897	533	396	13661	13703	50

Details of Supply Position (MUs)

Date	MSGENCO				Pench (MS)	Central Sector Receipt	Central Sector Share	WIND	CPP	SOLAR	TPCL Gen.	R-INFRA Gen.	TPCL Exch.	Energy Requirement		
	THM	HYDRO	GAS	Total										MSEDCL	MUMBAI	STATE
	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus
20/07/2015	99.734	4.724	3.229	107.687	0.087	120.129	119.761	38.156	82.079	0.622	19.758	11.631	-30.812	317.861	62.199	380.060
21/07/2015	96.022	6.423	5.026	107.471	0.081	116.207	118.080	31.719	84.432	0.683	19.191	11.590	-29.632	310.880	60.412	371.292
22/07/2015	100.008	6.260	4.311	110.579	0.249	112.143	110.286	32.570	92.536	0.739	19.400	11.535	-28.536	320.031	59.473	379.504
23/07/2015	103.949	5.784	6.582	116.315	0.124	111.600	110.422	24.187	94.692	0.923	20.224	11.658	-27.146	320.571	59.028	379.599
24/07/2015	103.284	6.709	6.454	116.447	0.063	105.882	105.638	28.223	80.916	0.894	21.315	11.873	-26.185	306.177	59.371	365.548
25/07/2015	102.677	4.041	6.284	113.002	0.000	90.362	94.943	42.054	81.316	0.616	18.869	11.460	-26.117	301.233	56.447	357.680
26/07/2015	106.169	5.085	6.330	117.584	0.039	81.475	86.758	44.046	81.640	0.794	15.162	9.473	-24.701	300.838	49.341	350.179
Maximum	106.169	6.709	6.582	117.584	0.249	120.129	119.761	106.169	94.692	0.923	21.315	11.873	-24.701	320.571	62.199	380.060
Minimum	96.022	4.041	3.229	107.471	0.000	81.475	86.758	96.022	80.916	0.616	15.162	9.473	-30.812	300.838	49.341	350.179
Average	101.692	5.575	5.459	112.726	0.092	105.400	106.555	101.692	85.373	0.753	15.162	11.317	-27.590	311.084	58.039	369.123

Details of Koyna Water Consumption (in TMC)

Date	For the Day	For the Month	Balance
20/07/2015	0.089	3.698	59.532
21/07/2015	0.080	3.778	59.452
22/07/2015	0.094	3.872	59.358
23/07/2015	0.066	3.938	59.292
24/07/2015	0.074	4.012	59.218
25/07/2015	0.033	4.045	59.185
26/07/2015	0.032	4.077	59.153

State Load Despatch Center, Airoli (MSETCL)
Central Sector Share/Drawal from 20/Jul/2015 to 26/Jul/2015

Date	DAY	Central Sector Share		Total Interstate Bilateral Purchase		Total Share		Total Drawal		Overdrawal(+) / UnderDrawal(-)	
		MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW	MUs	Avg. MW
		1		2		1+2=3		4		3-4=5	
20/07/2015	MONDAY	91.802	4962	27.959	1165	119.761	4990	120.129	5005	0.368	15
21/07/2015	TUESDAY	91.089	4893	26.991	1125	118.080	4920	116.207	4842	-1.873	-78
22/07/2015	WEDNESDA	93.568	4579	16.718	697	110.286	4595	112.143	4673	1.857	77
23/07/2015	THURSDAY	92.730	4583	17.692	737	110.422	4601	111.600	4650	1.178	49
24/07/2015	FRIDAY	85.780	4382	19.858	827	105.638	4402	105.882	4412	0.244	10
25/07/2015	SATURDAY	76.637	3938	18.306	763	94.943	3956	90.362	3765	-4.581	-191
26/07/2015	SUNDAY	76.822	3605	9.936	414	86.758	3615	81.475	3395	-5.283	-220
Total		608.428		137.460		745.888		737.798		-8.090	

Weekly Unit Outages for Various Generating Stations from 20.07.2015 to 26.07.2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage
PLANNED OUTAGE							
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58	22/07/2015	03.13	COH
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		Continued.	Annual Overhaul
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection
FORCED OUTAGE							
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage
CPP	WPCL U-4	135	11/07/2015	06.58	26/07/2015	18.52	ID Fan Vibration High

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage
IPP	Adani U-4	660	13/07/2015	17.14	20/07/2015	19.15	Boiler Tube Leakage
IPP	RPL(AMT) U-3	270	16/07/2015	18.26	25/07/2015	13.44	PA Fan problem
CPP	WPCL U-1	135	18/07/2015	00.00		Continued.	FD Fan Problem.
IPP	RPL(AMT) U-4	270	18/07/2015	18.15	22/07/2015	18.36	ID Fan Problem
MSPGCL	Koradi Unit 5	200	18/07/2015	20.57	24/07/2015	13.32	ID Fan Problem
MSPGCL	Uran Unit 5	108	18/07/2015	21.20	21/07/2015	06.23	Boiler Validity Extension
MSPGCL	Koradi Unit-8	660	19/07/2015	08.18	20/07/2015	02.25	Due to Bypass Valve Stucked up.
MSPGCL	Khaparkheda Unit 4	210	20/07/2015	16.59	22/07/2015	10.12	Turbine Vibration High.
MSPGCL	Koradi Unit-8	660	21/07/2015	03.12	23/07/2015	06.03	Tripped.
MSPGCL	Uran Unit 5	108	21/07/2015	03.54	21/07/2015	04.31	PID Suddenly Closed.
MSPGCL	Uran Unit 5	108	21/07/2015	05.36	21/07/2015	06.23	Turbine Vibration Very High.
IPP	RPL(AMT) U-2	270	21/07/2015	07.00		Continued.	Abnormal Sound Found.
MSPGCL	Uran Unit 8	108	21/07/2015	21.24	22/07/2015	14.24	Fuel Gas Control System.
MSPGCL	Uran Unit B0	120	21/07/2015	21.24	22/07/2015	17.54	Deviation Problem.
MSPGCL	Khaparkheda Unit 4	210	22/07/2015	19.03	23/07/2015	16.51	Turbine bearing Vabration high
MSPGCL	Koyna Unit 7	80	23/07/2015	07.45	25/07/2015	17.25	R.M.Work(For 3 Days)
MSPGCL	Koradi Unit-8	660	23/07/2015	16.54	24/07/2015	06.56	Tripped on under voltage
MSPGCL	Chandrapur Unit 6	500	24/07/2015	07.20	24/07/2015	14.29	Drum level low
MSPGCL	Chandrapur Unit 6	500	25/07/2015	00.19	25/07/2015	08.49	On Dearator Level Control Failed (Drum Level Low).
MSPGCL	Koradi Unit-8	660	25/07/2015	04.58	25/07/2015	08.15	Coal Mill Tripped Due to Under Voltage.
MSPGCL	Khaparkheda Unit 2	210	26/07/2015	07.48	26/07/2015	11.38	Furnace Pressure High
IPP	RPL(AMT) U-3	270	26/07/2015	07.56	26/07/2015	09.42	Flame Failure

Weekly line outages from 20.07.2015 to 26.07.2015

Voltage Level	Name	Trip Date	Trip Time	Synchronisation Date	Synchronisation Time	Outage Type	Reason
765 KV	Wardha PG - Aurangabad PG IV	13/Jul/2015	07.19		Continued.	HT	To Control Padgha-BBLR Line Loading.
500 KV	Chandrapur - Padghe Hvdc Pole 2	20/Jul/2015	17.47	20/Jul/2015	19.05	EO	Card Replacement @ Padgha End.
500 KV	HVDC Pole-I	22/Jul/2015	23.32	22/Jul/2015	23.55	PO	To Resolve Cooling Pump problem.
500 KV	Chandrapur - Padghe Hvdc Pole 2	26/Jul/2015	10.55		Continued.	PO	For Replacement of BHEL Make Smoothing Reactor (Outage upto 4.8.15).
400 KV	Babhaleshwar-Taptitanda ckt-I	09/Jul/2015	17.30	20/Jul/2015	21.00	HT	To control Line Loading of Padghe -BBLR D/C.
400 KV	Babhaleshwar-Taptitanda ckt-II	14/Jul/2015	08.48	23/Jul/2015	05.53	HT	Over Voltage
400 KV	Nagothane - Dabhol-II	14/Jul/2015	12.33	24/Jul/2015	12.27	Tripped	Distance Protection
400 KV	Babhaleshwar - Padghe-I	16/Jul/2015	04.29	20/Jul/2015	16.25	Tripped	Distance Protection
400 KV	Karad-Jaigad - I	19/Jul/2015	00.40	20/Jul/2015	09.23	HT	Over Voltage
400 KV	Karad -Kolhapur-I	19/Jul/2015	15.48	20/Jul/2015	09.02	HT	Over Voltage
400 KV	Karad - Jaigad - II	19/Jul/2015	16.49	20/Jul/2015	10.01	HT	Over Voltage
400 KV	Bhusawal-Aurangabad	19/Jul/2015	17.11	20/Jul/2015	06.43	HT	Over Voltage
400 KV	Dhule SarSarovar I	19/Jul/2015	17.17	20/Jul/2015	07.21	HT	Over Voltage
400 KV	Kolhapur Mapusa II	19/Jul/2015	18.06	20/Jul/2015	07.27	HT	Over Voltage
400 KV	Lonikand I - Koyna stage-IV	20/Jul/2015	06.38	20/Jul/2015	13.06	EO	Y Ph String Capping @ Loc No.202 Crossing Point of Pune-Bangalore Highway.
400 KV	Akola II - Taptitanda ckt-I	20/Jul/2015	08.59	20/Jul/2015	16.54	HT	To Control Bblsr ICT Loading.
400 KV	Karad -Kolhapur-II	20/Jul/2015	16.48	21/Jul/2015	06.48	HT	Over Voltage
400 KV	Akola II - Taptitanda ckt-II	20/Jul/2015	17.29	20/Jul/2015	Continued.	HT	Over Voltage
400 KV	Karad-Jaigad - I	20/Jul/2015	18.04	21/Jul/2015	09.27	HT	Over Voltage
400 KV	Kolhapur Mapusa I	20/Jul/2015	18.15	21/Jul/2015	09.23	HT	Over Voltage
400 KV	Wardha (PG)-Warora II	20/Jul/2015	18.59	20/Jul/2015	20.24	PO	Tie Bay Trial @ Wardha PG End.
400 KV	Dhule SarSarovar I	20/Jul/2015	23.04	23/Jul/2015	05.42	HT	Over Voltage/While Taking in Service Again Tripped & Breakdown
400 KV	Akola II - Taptitanda ckt-I	20/May/2015	08.59	20/Jul/2015	16.54	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
400 KV	Dhule SarSarovar II	21/Jul/2015	00.07	22/Jul/2015	20.04	Tripped	Distance Protection
400 KV	Dhule- Bableshwar - I	21/Jul/2015	00.16	21/Jul/2015	00.53	Tripped	B Ph Dist.Prot.(A/R Successful from Dhule End)
400 KV	Dhule- Bableshwar - I	21/Jul/2015	02.51	21/Jul/2015	10.11	Tripped	Distance Protection
400 KV	New Koyna - Dabhol-I	21/Jul/2015	03.27	22/Jul/2015	08.07	Tripped	Over Voltage
400 KV	Babhaleshwar-Taptitanda ckt-I	21/Jul/2015	13.00	22/Jul/2015	12.56	HT	For Outage on 400KV Padgha-Bblsr-II.
400 KV	Babhaleshwar - Padghe-II	21/Jul/2015	13.08	22/Jul/2015	12.42	PO	Attending Defect
400 KV	400/220kv 315 Mva ICT I @Karad	21/Jul/2015	14.28	21/Jul/2015	20.03	PO	Post Insulator Maint.Work.
400 KV	Karad -Kolhapur-I	21/Jul/2015	16.41	22/Jul/2015	07.25	HT	Over Voltage
400 KV	Kolhapur Mapusa II	21/Jul/2015	16.45	22/Jul/2015	09.25	HT	Over Voltage
400 KV	Karad - Jaigad - II	21/Jul/2015	18.06	22/Jul/2015	09.25	HT	Over Voltage
400 KV	Dhule- Bableshwar - I	21/Jul/2015	18.21	22/Jul/2015	16.26	Tripped	Distance Protection Operated Z-I B Ph.,OPGW PLOT Wire Rope in Induction Zone.
400 KV	Bhusawal-Aurangabad	21/Jul/2015	21.04	22/Jul/2015	06.45	HT	Over Voltage
400 KV	Lonikand I - Koyna stage-IV	21/Jul/2015	21.10	22/Jul/2015	06.26	HT	Over Voltage
400 KV	Deepnagar Taptitanda	22/Jul/2015	13.25	22/Jul/2015	19.23	PO	Routine Maintenance Work
400 KV	Karad -Kolhapur-II	22/Jul/2015	17.11	23/Jul/2015	07.24	HT	Over Voltage
400 KV	Karad-Jaigad - I	22/Jul/2015	18.03	23/Jul/2015	10.13	HT	Over Voltage
400 KV	Kolhapur Mapusa I	22/Jul/2015	18.08	23/Jul/2015	09.22	HT	Over Voltage
400 KV	Babhaleshwar-Taptitanda ckt-I	22/Jul/2015	21.04	20/Jul/2015	Continued.	HT	To Control Padgha-Bblsr Line Loading.
400 KV	Lonikand I - Koyna stage-IV	22/Jul/2015	21.55	23/Jul/2015	06.17	HT	Over Voltage
400 KV	400/220/33 kv 500 MVA ICT-III @Girwali	22/Jul/2015	21.59	23/Jul/2015	00.36	PO	Attending Hot Spot
400 KV	Bhusawal-Aurangabad	22/Jul/2015	23.00	23/Jul/2015	06.01	HT	Over Voltage
400 KV	Dhule SarSarovar II	23/Jul/2015	03.59	24/Jul/2015	10.17	Tripped	Distance Protection
400 KV	Dhule SarSarovar I	23/Jul/2015	05.42	24/Jul/2015	10.03	Tripped	Distance Protection
400 KV	Deepnagar Taptitanda	23/Jul/2015	08.06	23/Jul/2015	19.23	PO	Tightening of Nut Bolts work
400 KV	New Koyna - Koyna Stage IV-II	23/Jul/2015	08.49	24/Jul/2015	08.48	PO	Attending Hot Spot
400 KV	Akola - Bhusawal	23/Jul/2015	09.57	23/Jul/2015	14.23	PO	C.B.lock out Alarm recd.
400 KV	Karad - Lonikand I	23/Jul/2015	10.32	23/Jul/2015	14.50	PO	Attending Hot Spot
400 KV	Karad -Kolhapur-I	23/Jul/2015	16.20	24/Jul/2015	08.57	HT	Over Voltage
400 KV	Karad-Jaigad - I	23/Jul/2015	16.40	24/Jul/2015	09.00	HT	Over Voltage
400 KV	Khadga-Aurangabad (Waluj)	23/Jul/2015	18.05	24/Jul/2015	06.38	PO	Over Voltage
400 KV	Kolhapur Mapusa II	23/Jul/2015	18.06	24/Jul/2015	11.16	HT	Over Voltage
400 KV	Dhule- Bableshwar - I	23/Jul/2015	20.15	25/Jul/2015	08.39	Tripped	Distance Protection
400 KV	400/220 kv 600 MVA ICT-IV @Padghe	23/Jul/2015	20.50	24/Jul/2015	00.46	PO	Emergency outage
400 KV	Lonikand I - Koyna stage-IV	23/Jul/2015	21.34	24/Jul/2015	15.15	HT	Over Voltage
400 KV	Deepnagar Taptitanda	24/Jul/2015	07.39	25/Jul/2015	19.22	PO	nut bolt tightening work
400 KV	Bus Coupler @ Kharghar	24/Jul/2015	13.17	24/Jul/2015	15.14	PO	Attending Hot Spot
400 KV	Dhule Khandwa I	24/Jul/2015	13.30	24/Jul/2015	17.04	PO	Replacement work
400 KV	Dhule Khandwa II	24/Jul/2015	13.58	24/Jul/2015	16.55	PO	Replacement work
400 KV	Jejuri- Koynastage-IV	24/Jul/2015	15.38	24/Jul/2015	16.14	Tripped	Distance Protection
400 KV	Karad -Kolhapur-II	24/Jul/2015	16.17	25/Jul/2015	08.23	HT	Over Voltage
400 KV	Kolhapur Mapusa I	24/Jul/2015	16.32	25/Jul/2015	08.45	HT	Over Voltage
400 KV	Karad-Jaigad - I	24/Jul/2015	17.04	25/Jul/2015	09.40	HT	Over Voltage
400 KV	Bhusawal-Aurangabad	24/Jul/2015	18.14	25/Jul/2015	08.32	HT	Over Voltage
400 KV	Chandrapur II - Chandrapur I	24/Jul/2015	18.39	24/Jul/2015	22.57	EO	for replacement of faulty Main-2 protection relay
400 KV	Dhule SarSarovar I	24/Jul/2015	20.50	25/Jul/2015	08.41	HT	Over Voltage
400 KV	Lonikand I - Koyna stage-IV	24/Jul/2015	21.23	25/Jul/2015	06.34	HT	Over Voltage
400 KV	Deepnagar Taptitanda	25/Jul/2015	09.26	25/Jul/2015	19.22	PO	Nut Bolts Tightening Work.
400 KV	50 MVAR Bus reactor@ Parly	25/Jul/2015	12.30	25/Jul/2015	19.38	PO	Tan Delta Measurement of CTs
400 KV	Jejuri- Koynastage-IV	25/Jul/2015	14.04	25/Jul/2015	18.43	PO	Insulator String Replacement Work.
400 KV	Girwali- Lonikand 2	25/Jul/2015	14.28	25/Jul/2015	17.07	PO	Shifted on TBC to Attend Hot Spot.
400 KV	Karad -Kolhapur-I	25/Jul/2015	16.04	27/Jul/2015	07.02	HT	Over Voltage
400 KV	Kolhapur Mapusa II	25/Jul/2015	16.34	26/Jul/2015	08.24	HT	Over Voltage
400 KV	Dhule SarSarovar I	25/Jul/2015	16.41	27/Jul/2015	19.42	HT	Over Voltage
400 KV	Karad-Jaigad - I	25/Jul/2015	17.08	26/Jul/2015	10.49	HT	Over Voltage
400 KV	Bhusawal-Aurangabad	25/Jul/2015	17.09	26/Jul/2015	08.01	HT	Over Voltage
400 KV	Lonikand I - Koyna stage-IV	26/Jul/2015	00.02	26/Jul/2015	07.31	HT	Over Voltage
400 KV	Kolhapur Solapur (PG) II	26/Jul/2015	03.21	26/Jul/2015	08.13	HT	Over Voltage
400 KV	Deepnagar Taptitanda	26/Jul/2015	08.14	26/Jul/2015	19.13	PO	Replacement of Joint Work Observed During Joint Patrolling of the Line (Daily Basis).
400 KV	Kolhapur Mapusa I	26/Jul/2015	15.54	27/Jul/2015	07.32	HT	Over Voltage
400 KV	Kolhapur Solapur(PG) I	26/Jul/2015	16.47	27/Jul/2015	11.10	HT	Over Voltage
400 KV	Karad - Jaigad - II	26/Jul/2015	16.48	27/Jul/2015	09.14	HT	Over Voltage
400 KV	Bhusawal-Aurangabad	26/Jul/2015	17.05	27/Jul/2015	08.06	HT	Over Voltage
400 KV	Lonikand I - Koyna stage-IV	26/Jul/2015	18.04	27/Jul/2015	06.28	HT	Over Voltage
400 KV	Padghe - Nagothane - I	27/Jul/2015	04.47		Continued.	HT	Opportunity Outage Given for Replacement of Damaged Insulator from 10.50 Hrs (RFC @ 17.45 Hrs).
400 KV	Kolhapur Mapusa II	27/Jul/2015	16.03		Continued.	HT	Over Voltage
400 KV	Padgha Tarapur II	27/Jul/2015	16.12		Continued.	Tripped	Dist.Prot.R Ph Earth.
400 KV	Karad -Kolhapur-II	27/Jul/2015	16.35		Continued.	HT	Over Voltage
400 KV	Bhusawal-Aurangabad	27/Jul/2015	17.57		Continued.	HT	Over Voltage
400 KV	Karad-Jaigad - I	27/Jul/2015	18.11		Continued.	HT	Over Voltage
400 KV	Kolhapur Solapur (PG) II	27/Jul/2015	22.06		Continued.	HT	Over Voltage
220 KV	Chandrapur GCR - Warora - I	05/Apr/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
220 KV	Chandrapur GCR - Wani	05/Apr/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
220 KV	REL Borivali TPC Borivali line	10/Jul/2015	16.22		Continued.	Tripped	Distance Protection
220 KV	Gangapur-Valve	20/Jul/2015	05.36	20/Jul/2015	17.12	Tripped	Distance Protection Operated Z-I R Ph, @ Loc no-17 R Ph Jumper Break.
220 KV	Lamboti-Vita	20/Jul/2015	05.43	20/Jul/2015	06.00	Tripped	Distance Protection
220 KV	220/33 kv 100 Mva Alstom Ptr 1 @Valve	20/Jul/2015	07.55	20/Jul/2015	08.48	Tripped	33KV Feeder Fault.
220 KV	220/33 kv 100 Mva Bbl Ptr 2 @Valve	20/Jul/2015	07.55	20/Jul/2015	09.00	Tripped	33KV Feeder Fault.
220 KV	Mudshingi Chikodi	20/Jul/2015	09.51	20/Jul/2015	21.37	HT	Outage on Bus-III @ Mudshingi.
220 KV	Mudshingi-Wathar	20/Jul/2015	09.58	20/Jul/2015	18.30	PO	Bay Diagnostic & Relay Testing.
220 KV	Tilawani-Talandge-I	20/Jul/2015	10.25	20/Jul/2015	15.39	PO	Quarterly Maintenance Work
220 KV	Main Bus-III @ Mudshingi	20/Jul/2015	10.35	20/Jul/2015	18.30	PO	Testing Work
220 KV	Nanded - Parli Ext. Ckt II	20/Jul/2015	12.15	20/Jul/2015	19.42	Tripped	Y Ph Jumper Open @ Nanded.
220 KV	Kharepatan -Pawas Line	20/Jul/2015	13.16	20/Jul/2015	13.00	Tripped	Distance Protection B Ph Earth Fault Zone-I

Voltage Level	Name	Trip Date	Trip Time	Synchronisation Date	Synchronisation Time	Outage Type	Reason
220 KV	220/33kV 100MVA ICT-II @ Shivajinagar	20/Jul/2015	19.20	21/Jul/2015	02.00	Tripped	PRV Operated
220 KV	Deepnagar Bambhori	21/Jul/2015	01.22	21/Jul/2015	09.17	Tripped	Distance Protection Operated Z-I R Ph.
220 KV	220/100 kv 200MVA ICT-I @ Padghe	21/Jul/2015	03.11	21/Jul/2015	10.19	Tripped	Internal Fault.
220 KV	Adilabad - Peddambe	21/Jul/2015	03.37	21/Jul/2015	04.20	Tripped	Distance Protection
220 KV	Eklahara (Gc) (Nasik) - Bableshtar 2	21/Jul/2015	03.39	21/Jul/2015	12.52	Tripped	Distance Protection
220 KV	Eklahara (Gc) (Nasik) - Bableshtar-I	21/Jul/2015	03.39	21/Jul/2015	04.15	Tripped	Distance Protection
220 KV	Nasik Navsari I	21/Jul/2015	06.26	21/Jul/2015	14.42	Tripped	Distance Protection
220 KV	Tillari Amona	21/Jul/2015	09.40	21/Jul/2015	10.43	HT	Due to Emergency Unit Trip.
220 KV	Halkarni - Tillari II	21/Jul/2015	09.40	21/Jul/2015	10.43	HT	Due to Emergency Unit Trip.
220 KV	220/110kv 100MVA ICT-II @ Miraj	21/Jul/2015	10.00	21/Jul/2015	16.04	PO	Quarterly Maintenance Work
220 KV	220/132KV 100MVA ICT-I @ Satara	21/Jul/2015	10.30	21/Jul/2015	13.10	PO	Routine Maintenance Work
220 KV	Maharpeth - Karad(400kv)	21/Jul/2015	11.33	21/Jul/2015	16.08	PO	Bay Maintenance @ Malharpeth
220 KV	Badnera-Akola I	21/Jul/2015	11.55	21/Jul/2015	18.53	PO	Allignment & Servsing of Aux Bus Isolator.
220 KV	220/132 kv 200 Mva ICT-I @Girwali	21/Jul/2015	12.15	21/Jul/2015	19.08	HT	In View of Parly-Girawali U/O.
220 KV	Parli 3 (Old Gc)-Girwali Ckt 2	21/Jul/2015	12.34	21/Jul/2015	15.29	PO	To Attend Hot Spot on Main Bus Isolator of Y & B Ph.
220 KV	Ranjanagaon-Lonikand	21/Jul/2015	13.56	21/Jul/2015	20.27	EO	Line Maintenance work
220 KV	Bus Coupler @ Borivali	21/Jul/2015	14.22	21/Jul/2015	16.43	EO	For Safety to Fill SF-6 Gas in Borivali C.B. Which is Under Lockout.
220 KV	Parli 3 (Old Gc)-Girwali Ckt-3	21/Jul/2015	16.10	21/Jul/2015	18.47	PO	Attending Hot Spot
220 KV	Koradi-Butibori Rly Tss	21/Jul/2015	19.30	21/Jul/2015	20.15	Tripped	Distance Protection Operated Z-I R Ph.
220 KV	Bableshtar- Ranjanagaon	21/Jul/2015	21.07	22/Jul/2015	01.31	EO	Line Maintenance work
220 KV	220/100 Kv 200 MVA ICT III @Borivali	21/Sep/2014	09.16		Continued.	Tripped	Internal Fault
220 KV	Nasik Navsari I	22/Jul/2015	06.24	22/Jul/2015	12.17	Tripped	Distance Protection
220 KV	Loteapashuram- Dasturi Line	22/Jul/2015	09.35	22/Jul/2015	14.33	PO	Routine Maintenance Work
220 KV	Karad(400kv) - Wathar	23/Jul/2015	05.45	23/Jul/2015	06.15	Tripped	Distance Protection
220 KV	Lonikand (400 Kv)-Theur II	23/Jul/2015	09.15	23/Jul/2015	18.40	PO	Half yearly maintenance work
220 KV	Bus Section @ VSNL	23/Jul/2015	13.10	23/Jul/2015	13.36	PO	Attending Oil Leakage
220 KV	Kalyani - Baranmati Agro	23/Jul/2015	16.00	23/Jul/2015	18.48	PO	Replacement work
220 KV	Karad - Vila Ckt-1	24/Jul/2015	05.30	24/Jul/2015	12.19	Tripped	Distance Protection
220 KV	Bableshtar- Alephata	24/Jul/2015	07.35	24/Jul/2015	18.38	HT	Over Voltage
220 KV	Pedambe-Pophali	24/Jul/2015	08.10	24/Jul/2015	12.20	PO	Damage conductor work
220 KV	Peth- Mudshingi -I	24/Jul/2015	09.30	24/Jul/2015	13.30	PO	Replacement work
220 KV	Pedhambe - Oni	24/Jul/2015	11.15	24/Jul/2015	13.55	PO	Emergency Tree cutting
220 KV	Padghe - Jindal	24/Jul/2015	11.40	24/Jul/2015	14.44	PO	Attending Hot Spot
220 KV	Nigade- Peth Line	24/Jul/2015	13.41	24/Jul/2015	14.55	PO	Replacement work
220 KV	Kalwa - Borivali	25/Jul/2015	06.04	25/Jul/2015	08.47	PO	Outage.
220 KV	Butibori - VIPL Ckt I	25/Jul/2015	09.00	25/Jul/2015	12.00	PO	1) R & Y Ph PAD Clamp Attending Work Towards CB. 2) Y Ph Line Isolator PAD Clamp Towards CT.3) R & Y Ph CT PAD Clamp Towards Line Isolator.
220 KV	Main Bus-I @ Hinjewadi-II	25/Jul/2015	09.00	25/Jul/2015	15.59	PO	Construction Work
220 KV	Khaparkhedu-Ambazari-I	25/Jul/2015	09.09	25/Jul/2015	12.24	PO	To Attend Hot Spot on B Ph Wave Trap.
220 KV	Kedgaon-NGR Bhose-II	25/Jul/2015	10.13	25/Jul/2015	14.28	PO	Replacement of Isolator Mechanism box
220 KV	220/132kv 150MVA ICT-II @ Bhenda	25/Jul/2015	10.15	25/Jul/2015	12.50	PO	Quarterly Maintenance Work
220 KV	Nanded-Ghatodi	25/Jul/2015	10.32	25/Jul/2015	15.48	PO	Measurment of Tan Delta of CT's & CC's.
220 KV	Butibori - VIPL Ckt II	25/Jul/2015	17.06	25/Jul/2015	18.50	PO	Replacement of Jumpers Bet. B Ph CT PAD Clamp Towards Line Isolator.
220 KV	Solapur(Bale) - Tuljapur	25/Jul/2015	18.28	26/Jul/2015	10.49	HT	Hand Tripped.
220 KV	Mumewadi-Belewadi	26/Jul/2015	08.03	26/Jul/2015	17.30	PO	Construction of Tower for 765 KV Kudqi-Kolhapur D/C Line.
220 KV	Talandge-Hamidwada	26/Jul/2015	08.56	26/Jul/2015	17.37	PO	Construction of Tower for 765 KV Kudqi-Kolhapur D/C Line.
220 KV	Kanhan - Suryalaxmi	26/Jul/2015	09.22	26/Jul/2015	18.50	PO	Jumper Replacement @ Loc no 4,5,6,7 & Dead End Replacement Work @ Loc No.7.
220 KV	220/132 kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	26/Jul/2015	13.50	26/Jul/2015	15.24	PO	CTR Fire Fighting Work.
220 KV	Apna - Talga	26/Jul/2015	14.03	26/Jul/2015	16.07	Tripped	Distance Protection
220 KV	220/132 kv 200 Mva Cgl lct 1 @Boisar-II	26/Jul/2015	16.52	26/Jul/2015	18.52	Tripped	Bucchoiz Trip.
220 KV	Nasik Navsari I	27/Jul/2015	06.13		Continued.	HT	To Control Over Loading in Gujarat Grid.
132 KV	Lonand - Wai	20/Jul/2015	02.59	20/Jul/2015	08.19	Tripped	Distance Protection Zone-I.
132 KV	Lonand-Jubilant	20/Jul/2015	05.54	20/Jul/2015	05.59	Tripped	Distance Protection
132 KV	Lonand-Jubilant	20/Jul/2015	12.16	20/Jul/2015	12.30	Tripped	Distance Protection
132 KV	Chalisgaon - Manmad	20/Jul/2015	23.47	21/Jul/2015	00.43	Tripped	Distance Protection Operated Z-II R Y B Ph.
132 KV	Mankapur-Uppalwadi	21/Jul/2015	06.22	21/Jul/2015	18.35	HT	In View of 132KV Ambazari-Hingna-I U/O.
132 KV	Ambazari-Hingna 1	21/Jul/2015	06.35	21/Jul/2015	18.29	PO	Repl of Existing 0.2 CSR Conductor by High Ampacity Conductor.
132 KV	Ambazari-Amravati	21/Jul/2015	10.45	21/Jul/2015	13.20	HT	Half Bus Section Outage @ Amravati.
132 KV	Amravati - Tiwasa	21/Jul/2015	10.46	21/Jul/2015	13.21	HT	Half Bus Section Outage @ Amravati.
132 KV	Amravati-Lalkhed	21/Jul/2015	10.47	21/Jul/2015	13.23	HT	Half Bus Section Outage @ Amravati.
132 KV	Solapur II(Bale)-Naldurg	22/Jul/2015	10.26	22/Jul/2015	12.44	PO	Emergency outage
132 KV	Telgaon - Majalgaon	23/Jul/2015	19.52	23/Jul/2015	20.22	Tripped	Distance Protection
132 KV	Kanhan-Mansar	25/Jul/2015	01.13	25/Jul/2015	01.40	Tripped	Distance Protection Operated Zone-I.
132 KV	Harangol-Ujani Ckt 1	25/Jul/2015	02.19	25/Jul/2015	02.40	Tripped	Distance Protection Operated Zone-I.
132 KV	Mankapur-Uppalwadi	25/Jul/2015	07.43	25/Jul/2015	17.25	HT	In View of 132KV Ambazari-Hingna-I Outage.
132 KV	Ghatodi-Digras-I	26/Jul/2015	05.30	26/Jul/2015	05.45	Tripped	Distance Protection Operated Z-II B-E Fault.
132 KV	Boisar Midc - Dahanu 1	26/Jul/2015	16.53	26/Jul/2015	20.00	Tripped	Distance Protection