

Uttar Gujarat Vij Company Ltd ,Mehsana
QUARTER :-3rd ; Oct-11 to Dec-11
YEAR :-2011-12

SoP 011 - A : System Average Interruption Frequency Index (SAIFI) for AG. Dominant category

Sr. No	Month	N _i - Number of Customers for each sustained interruptions (in numbers)	N _T - Total No of customers served (in Numbers)	SAIFI = Ni/Nt (Monthly SAIFI)
1	2	3	4	5= 3 / 4
1	Oct-11	348808	336105	1.04
2	Nov-11	172349	345382	0.50
3	Dec-11	146323	351710	0.42

SoP 011 - B : System Average Interruption Duration Index (SAIDI) for AG. Dominant category

Sr. No	Month	R _i = Restoration Time for each sustained interruption event (in hours)	N _i - Number of interrupted Customers for each sustained interruption event (in numbers)	R _i * N _i - Total customer interruption Duration	N _T - Total No of customers served (in Numbers)	SAIDI = Ri*Ni/Nt (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	2281:46:00	1509	597363:58:00	336105	1:46:38
2	Nov-11	1378:42:00	976	264952:33:00	345382	0:46:02
3	Dec-11	1248:37:50	891	231253:48:30	351710	0:39:27

SoP 011 - C : Momentary Average Interruption Frequency Index (MAIFI) for AG. Dominant category

Sr. No	Month	IM _i = Number of Momentary interruptions for the month (in numbers)	N _{mi} = Total no of customers for each momentary interruptions (in numbers)	IM _i =N _{mi} Number of customer Mementary interruptions (in numbers)	N _t - Total no of customers served (in numbers)	MAIFI= Imi*Nmi/ Nt
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	10679	185	1974175	336105	5.87
2	Nov-11	9181	163	1496662	345382	4.33
3	Dec-11	8068	156	1255372	351710	3.57

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd ; Oct-11 to Dec-11

YEAR :-2011-12

SoP 011 - A : System Average Interruption Frequency Index (SAIFI) for JGY category

Sr. No	Month	N _i - Number of Customers for each sustained interruptions (in numbers)	N _T - Total No of customers served (in Numbers)	SAIFI = Ni/Nt (Monthly SAIFI)
1	2	3	4	5= 3 / 4
1	Oct-11	1515159	1615563	0.94
2	Nov-11	655728	1633445	0.40
3	Dec-11	668283	1632423	0.41

SoP 011 - B : System Average Interruption Duration Index (SAIDI) for JGY category

Sr. No	Month	R _i = Restoration Time for each sustained interruption event (in hours)	N _i - Number of interrupted Customers for each sustained interruption event (in numbers)	R _i * N _i - Total customer interruption Duration	N _T - Total No of customers served (in Numbers)	SAIDI = Ri*Ni/Nt (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	681:44:00	2598	1771395:22:00	1615563	1:05:47
2	Nov-11	260:15:00	2900	754758:52:00	1633445	0:27:43
3	Dec-11	277:05:00	2886	799573:17:00	1632423	0:29:23

SoP 011 - C : Momentary Average Interruption Frequency Index (MAIFI) for JGY category

Sr. No	Month	IM _i = Number of Momentary interruptions for the month (in numbers)	N _{mi} = Total no of customers for each momentary interruptions (in numbers)	IM _i =N _{mi} Number of customer Mementary interruptions (in numbers)	N _t - Total no of customers served (in numbers)	MAIFI= Imi*Nmi/ Nt
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	6214	2614	16241233	1615563	10.05
2	Nov-11	5183	2670	13840006	1633445	8.47
3	Dec-11	4523	2704	12229555	1632423	7.49

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd ; Oct-11 to Dec-11

YEAR :-2011-12

SoP 011 - A : System Average Interruption Frequency Index (SAIFI) for Other than AG & JGY category

Sr. No	Month	N _i - Number of Customers for each sustained interruptions (in numbers)	N _T - Total No of customers served (in Numbers)	SAIFI = Ni/Nt (Monthly SAIFI)
1	2	3	4	5= 3 / 4
1	Oct-11	871722	748758	1.16
2	Nov-11	311959	796246	0.39
3	Dec-11	138351	794287	0.17

SoP 011 - B : System Average Interruption Duration Index (SAIDI) forOther than AG & JGY category

Sr. No	Month	R _i = Restoration Time for each sustained interruption event (in hours)	N _i - Number of interrupted Customers for each sustained interruption event (in numbers)	R _i * N _i - Total customer interruption Duration	N _T - Total No of customers served (in Numbers)	SAIDI = Ri*Ni/Nt (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	116:14:00	6712	780138:54:00	748758	1:02:31
2	Nov-11	104:55:00	1722	180633:26:00	796246	0:13:37
3	Dec-11	67:31:00	1458	98408:23:00	794287	0:07:26

SoP 011 - C : Momentary Average Interruption Frequency Index (MAIFI) for Other than AG & JGY category

Sr. No	Month	IM _i = Number of Momentary interruptions for the month (in numbers)	N _{mi} = Total no of customers for each momentary interruptions (in numbers)	Im _i =N _{mi} Number of customer Mementary interruptions (in numbers)	N _t - Total no of customers served (in numbers)	MAIFI= Imi*Nmi/ Nt
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	1873	4153	7778056	748758	10.39
2	Nov-11	1574	2463	3876325	796246	4.87
3	Dec-11	1435	2726	3912322	794287	4.93

Uttar Gujarat Vij Company Ltd ,Mehsana

QUARTER :-3rd ; Oct-11 to Dec-11

YEAR :-2011-12

SoP 011 - A : System Average Interruption Frequency Index (SAIFI) for UGVCL as a whole

Sr. No	Month	N _i - Number of Customers for each sustained interruptions (in numbers)	N _T - Total No of customers served (in Numbers)	SAIFI = Ni/Nt (Monthly SAIFI)
1	2	3	4	5= 3 / 4
1	Oct-11	2735689	2700426	1.01
2	Nov-11	1140036	2775073	0.41
3	Dec-11	952957	2778420	0.34

SoP 011 - B : System Average Interruption Duration Index (SAIDI) for UGVCL as a whole

Sr. No	Month	R _i = Restoration Time for each sustained interruption event (in hours)	N _i - Number of interrupted Customers for each sustained interruption event (in numbers)	R _i * N _i - Total customer interruption Duration	N _T - Total No of customers served (in Numbers)	SAIDI = Ri*Ni/Nt (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	1593:13:50	1976	3148898:14:00	2700426	1:09:58
2	Nov-11	1743:52:00	688	1200344:51:00	2775073	0:25:57
3	Dec-11	1593:13:50	709	1129235:28:30	2778420	0:24:23

SoP 011 - C : Momentary Average Interruption Frequency Index (MAIFI) for UGVCL as a whole

Sr. No	Month	IM _i = Number of Momentary interruptions for the month (in numbers)	N _{mi} = Total no of customers for each momentary interruptions (in numbers)	IM _i =N _{mi} Number of customer Mementary interruptions (in numbers)	N _t - Total no of customers served (in numbers)	MAIFI= Imi*Nmi/ Nt
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Oct-11	18766	1385	25993464	2700426	9.63
2	Nov-11	15938	1205	19212993	2775073	6.92
3	Dec-11	14026	1214	17397249	2778420	6.26