

Uttar Gujarat Vij Company Ltd ,Mehsana
QUARTER :-1st April-11 to June11
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	Apr-11	97022	294915	0.33
2	May-11	147620	297636	0.50
3	Jun-11	249477	305796	0.82

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	Apr-11	790:31:00	162	127838:25:00	294915	0:26:01
2	May-11	1321:48:40	150	198443:47:00	297635	0:40:00
3	Jun-11	2843:55:00	153	434879:36:23	305796	1:25:20

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	Apr-11	7546	159	1198934	294914	4.07
2	May-11	8135	156	1273115	297635	4.28
3	Jun-11	9604	156	1497846	305796	4.90

Uttar Gujarat Vij Company Ltd ,Mehsana
QUARTER :-1st April-11 to June11
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	Apr-11	567371	1626602	0.35
2	May-11	673940	1603315	0.42
3	Jun-11	1524868	1613647	0.94

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 = R _i *N _i /N _t (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Apr-11	189:04:00	2607	492929:23:24	1626602	0:18:11
2	May-11	278:11:24	2454	682651:42:36	1603315	0:25:33
3	Jun-11	670:02:20	2368	1586470:54:46	1613647	0:58:59

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= IM _i *N _{mi} / N _t
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Apr-11	4758	2585	12300850	1626602	7.56
2	May-11	4473	2643	11821128	1603315	7.37
3	Jun-11	5282	2690	14206722	1613647	8.80

Uttar Gujarat Vij Company Ltd ,Mehsana
QUARTER :-1st April-11 to June11
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	Apr-11	137735	750321	0.18
2	May-11	233993	758883	0.31
3	Jun-11	608574	775761	0.78

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 = R _i *N _i /Nt (Monthly SAIDI)
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Apr-11	70:09:00	1441	101080:21:00	750321	0:08:05
2	May-11	120:57:00	1118	135214:55:00	758883	0:10:41
3	Jun-11	348:48:00	1771	617864:31:00	775761	0:47:47

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= Im _i *N _{mi} / Nt
1	2	3	4	5 = 3 * 4	6	7= 5 / 6
1	Apr-11	1609	2037	3278040	750321	4.37
2	May-11	1523	2067	3148678	758883	4.15
3	Jun-11	1931	2486	4800377	775761	6.19

Uttar Gujarat Vij Company Ltd ,Mehsana
QUARTER :-1st April-11 to June11
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	Apr-11	802128	2671838	0.30
2	May-11	1055552	2684215	0.39
3	Jun-11	2382918.587	2706640	0.88

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	Apr-11	1049:44:00	906	721848:09:24	2671838	0:16:13
2	May-11	1720:57:04	1444	1016310:24:36	2684215	0:22:43
3	Jun-11	3862:45:20	2448	2639215:02:09	2706640	0:58:30

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	Apr-11	13913	1206	16777824	2671838	6.28
2	May-11	14131	1149	16242921	2684215	6.05
3	Jun-11	16817	1219	20504946	2706640	7.58