

RInfra-D/MERC/SOP Report FY 15-16/Q4

June 17, 2016

By Email &amp; Hand Delivery

The Principal Secretary,  
Maharashtra Electricity Regulatory Commission,  
13<sup>th</sup> Floor, Centre No. 1, World Trade Centre,  
Cuffe Parade, Colaba,  
Mumbai – 400005.

<b>MERC</b>	
Date .....	2016/16
No. ....	1431

28.6.16

Dear Sir,

Sub: Submission of SOP Report for Fourth Quarter of FY 2015-16.

20/6

Ref: MERC (Standards of Performance of Distribution Licensees, Period of Giving Supply and Determination of Compensation) Regulations, 2014

With reference to the above subject, kindly find enclosed the SOP Report for fourth quarter of FY 2015-16 in the specified format.

The Hon'ble Commission is requested to condone the delay in submission of the said Report.

Thanking You,

Yours faithfully,



Vivek Mishra

Assistant Vice-President (Regulatory Affairs)

Reliance Infrastructure Ltd.

Encl: As above.

Annexure-I  
Standards of Performance Level by the Distribution Licensee  
Format for Quarterly Return to be submitted to the Commission by the Distribution Licensee

Jan to Mar-16

Name of Distribution Licensee: Reliance Infrastructure Ltd.

Sl. No.	SOP Regulation No.	Parameters	Area	Pending complaint Nos. (previous Quarter)	Complaints in current Qtr.	Total complaints	No. of complaints addressed			Pending complaints at end of Qtr.	Remarks
							Within Standards of performance	More than stipulated time	Total complaints redressed		
1	4.3	New connection - inspection of premises	Class-I Cities/Urban	10953	14773	15268	13937	1331	1331		
2	4.4	Intimation of charges where supply from existing lines	Class-I Cities/Urban	3532	10837	12369	10414	1955	1955		
3	4.5 & 4.6	Intimation of charges where supply to dedicated or after extension / augmentation	Class-I Cities/Urban	367	3336	3703	3251	452	452		
4	4.7	New connection/ add. load, where supply from existing line		507	2326	2833	2353	479	479		
5	4.8	New connection/ add. load where supply after extension / augmentation		0	3130	3130	3130	0	0		
6	4.9	New connection/ add. load where supply after commissioning of sub-station		0	0	0	0	0	0		
7	4.12	Shifting of Meter / service Line	Class-I Cities/Urban	35	744	780	750	29	29		
8	6.10	Reconnection of supply after payment of dues	Class-I Cities/Urban	0	554	554	554	0	0		
9	4.13	Change of Name	Class-I Cities/Urban	0	20553	20553	20553	0	0		
10	4.15	Change of category		177	828	825	840	165	165		
11	5.4 (a)	Complaint of Voltage Variation - Local fault		0	1644	1644	1644	0	0		
12	5.4 (b)	Complaint of Voltage Variation - Not work		0	575	575	575	0	0		
13	5.4 (c)	Complaint of Voltage Variation - Extension / augmentation required		0	0	0	0	0	0		
14	6.1	Fuse off call	Class-I Cities/Urban	0	2199	2193	2193	0	0		
15	6.2	Breakdown of Overhead Line	Class-I Cities/Urban	0	1	1	1	0	0		
16	6.3	Underground Cable fault	Class-I Cities/Urban	0	10990	10990	10990	0	0	Refer note below.	
17	6.4	Transformer failure	Class-I Cities/Urban	0	4	4	4	0	0		
18	7.2	meter reading		0	7113374	7113374	7113374	0	0	No Access to Meter Cabin/ Locked/Not accessible) - 30	
19	7.3	Replacement of Faulty Meter	Class-I Cities/Urban	0	1239	1239	1239	0	0		
20	7.4	Replacement of Burnt Meter	Class-I Cities/Urban	0	490	490	490	0	0		
21	7.5, 7.7	Billing Complaint		180	5545	5540	5545	0	0		

Sr. No.	Reason for delay in reenergizing UG Cable Fault	No. of Complaints
1	In thick prone areas miscreants are tapping wires from Rinfra's feeder boxes and meter cabinets. The overloading due to such unauthorized load results in to interruption of supply. Rinfra is taking efforts to remove such unauthorized connections from time to time. During any interruption, for safety purpose, Rinfra needs to first remove such unauthorized connections and then restore the supply. This results in delay in restoration of supply to complement or even delay repairing of fault. Events related to this reason are specified here.	45
2	Request from Consumer to attend the fault at later suitable time	29
3	Objection from Consumer. Some time consumers in the area take the objection (specially in slums) for excavation or laying of temporary cable or wire. At times it becomes very difficult to convince public and take longer time. Such events are covered here.	14
4	Fault at Consumer installation, which consumer needs to rectify. Supply is kept OFF for safety purpose.	6
5	Adverse site conditions (able dead/multiple cables at one location/road crossing/supply restoration not possible by temporary means/mass objection): Rinfra's network is developed over 7 decades. Due to road widening, level raising, concreting, etc. cables have gone deep under the roads. It takes time to get all necessary permission and excavation for repair of such faults. Since using temporary cable or wire on such public roads is safety hazard, it is preferred to repair the fault. Mass objections on site is also faced sometimes. Availability of multiple utilities under ground and makes it difficult to trace/locate the fault. In such cases supply restoration is delayed.	18
6	Multiple services tapped from common point/main network: It was old practice to tap services from common point. If any service cable becomes faulty, for isolation, it takes more time as all services need to be removed, diverted and then take-up the work on faulty service. In such cases it requires more time as number of works involved are multiple.	1
7	Multiple faults: In some cases multiple faults get developed due to damages by external agency (e.g., road widening/concreting contractors). After repair of one fault, on testing other fault is noticed. Restoration is not possible unless all the faults are repaired.	3
8	Access issue to meter cabin /Rinfra network equipment: Many times it is found that the access to Rinfra feeder pillars / meter cabin is blocked due to car or motor cycle parking or by any other means. This requires first removal of such obstructions to get access. It take longer time to search owner or call traffic police to get the site cleared. Once the access is available, repairing work is initiated. However, this delays the supply restoration.	10
9	Total	117

Note:

**Annexure-II**  
**Report of individual Complaints where Compensation has been paid**

Format for quarterly return to be submitted to the Commission by the Distribution Licensee

Sr. No.	Complaint No.	Date of filing complaint	Consumer No.	Name and address of Consumer	Nature of Complaint	Reference Standard of Performance	Amount of Compensation (Rs.)	Date of payment of Compensation (DD/MM/YYYY)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1								
2								
3								
4								
5								
6								
7								

**NOTE -** The report shall be prepared as per category of item for which the compensation is paid for non- observance of Standards of Performance.

**Annexure-III**  
**Report of action on Faulty Meters (1 Phase/ 3 Phase)**

Format for quarterly return to be submitted to the Commission by the Distribution Licensee

Sr.No.	Name of Distribution Licensee	Reference to Overall Standards	Faulty Meters at the start of the Quarter (Nos.)	Faulty Meters added during Quarter (Nos.)	Total Faulty Meters (Nos.)	Meters rectified / replaced (Nos.)	Faulty Meters pending at end of Quarter (Nos.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Rinfra	7.3	0	1239	1239	1239	0
2							
3							
4							
5							

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Jan-16	1	28.8	2947774	29	0.0000
2	Jan-16	19	6	2947774	114	0.0000
3	Jan-16	42	28.26	2947774	1187	0.0004
4	Jan-16	163	22.15	2947774	3610	0.0012
5	Jan-16	296	15	2947774	4440	0.0015
6	Jan-16	347	14.18	2947774	4920	0.0017
7	Jan-16	382	15	2947774	5730	0.0019
8	Jan-16	238	25	2947774	5950	0.0020
9	Jan-16	606	13	2947774	7878	0.0027
10	Jan-16	761	17.26	2947774	13135	0.0045
11	Jan-16	801	19	2947774	15219	0.0052
12	Jan-16	1228	13	2947774	15964	0.0054
13	Jan-16	1423	12	2947774	17076	0.0058
14	Jan-16	1107	16	2947774	17712	0.0060
15	Jan-16	1025	21.29	2947774	21822	0.0074
16	Jan-16	1301	16.85	2947774	21922	0.0074
17	Jan-16	1107	23	2947774	25461	0.0086
18	Jan-16	1796	17	2947774	30532	0.0104
19	Jan-16	1652	22	2947774	36344	0.0123
20	Jan-16	2558	15.59	2947774	39879	0.0135
21	Jan-16	1623	26	2947774	42198	0.0143
22	Jan-16	1367	36	2947774	49212	0.0167
23	Jan-16	5459	9.15	2947774	49950	0.0169
24	Jan-16	2900	17.28	2947774	50112	0.0170
25	Jan-16	2438	24.13	2947774	58829	0.0200
26	Jan-16	9415	6.32	2947774	59503	0.0202
27	Jan-16	2021	30.25	2947774	61135	0.0207
28	Jan-16	4526	14.07	2947774	63681	0.0216
29	Jan-16	2289	28	2947774	64092	0.0217
30	Jan-16	2272	29.75	2947774	67592	0.0229
31	Jan-16	3127	22	2947774	68794	0.0233
32	Jan-16	2277	32	2947774	72864	0.0247
33	Jan-16	2842	26.55	2947774	75455	0.0256
34	Jan-16	2177	36.92	2947774	80375	0.0273
35	Jan-16	3937	20.51	2947774	80748	0.0274
36	Jan-16	3095	27	2947774	83565	0.0283
37	Jan-16	4487	19	2947774	85253	0.0289
38	Jan-16	6785	13.01	2947774	88273	0.0299
39	Jan-16	4609	19.44	2947774	89599	0.0304
40	Jan-16	3385	26.57	2947774	89939	0.0305
41	Jan-16	5039	17.89	2947774	90148	0.0306
42	Jan-16	4001	24.77	2947774	99105	0.0336
43	Jan-16	4238	23.79	2947774	100822	0.0342
44	Jan-16	5294	20.04	2947774	106092	0.0360

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee

(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
45	Jan-16	6162	18	2947774	110916	0.0376
46	Jan-16	6798	16.85	2947774	114546	0.0389
47	Jan-16	4917	24.11	2947774	118549	0.0402
48	Jan-16	4357	28.09	2947774	122388	0.0415
49	Jan-16	3385	36.41	2947774	123248	0.0418
50	Jan-16	2762	46.14	2947774	127439	0.0432
51	Jan-16	5124	26.16	2947774	134044	0.0455
52	Jan-16	1577	87.37	2947774	137782	0.0467
53	Jan-16	5805	26.24	2947774	152323	0.0517
54	Jan-16	11005	15.76	2947774	173439	0.0588
55	Jan-16	9749	19.06	2947774	185816	0.0630
56	Jan-16	6032	31	2947774	186992	0.0634
57	Jan-16	5378	38.18	2947774	205332	0.0697
58	Jan-16	5522	41.49	2947774	229108	0.0777
59	Jan-16	629	367	2947774	230843	0.0783
60	Jan-16	7891	29.53	2947774	233021	0.0790
61	Jan-16	5546	47.61	2947774	264045	0.0896
62	Jan-16	9788	27.28	2947774	267017	0.0906
63	Jan-16	7423	36.98	2947774	274503	0.0931
64	Jan-16	9518	36.21	2947774	344647	0.1169
65	Jan-16	8025	47	2947774	377175	0.1280
66	Jan-16	2338	8.64	2947774	20200	0.0069
67	Jan-16	650	11	2947774	7150	0.0024
68	Jan-16	1792	17	2947774	30464	0.0103
69	Jan-16	4268	26.58	2947774	113443	0.0385
Total		242897	26.15	2947774	6350690	2.1544

Remark :

- 1 Customer served by Rinfra are 2947774 nos.
- 2 Number of feeders are 1061 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Feb-16	1	13.8	2949096	14	0.0000
2	Feb-16	1	18	2949096	18	0.0000
3	Feb-16	60	15	2949096	900	0.0003
4	Feb-16	47	27	2949096	1269	0.0004
5	Feb-16	74	18.1	2949096	1339	0.0005
6	Feb-16	488	12	2949096	5856	0.0020
7	Feb-16	382	19	2949096	7258	0.0025
8	Feb-16	303	29	2949096	8787	0.0030
9	Feb-16	382	24	2949096	9168	0.0031
10	Feb-16	551	21.54	2949096	11869	0.0040
11	Feb-16	724	17	2949096	12308	0.0042
12	Feb-16	2122	6	2949096	12732	0.0043
13	Feb-16	579	23.57	2949096	13647	0.0046
14	Feb-16	382	40	2949096	15280	0.0052
15	Feb-16	732	21	2949096	15372	0.0052
16	Feb-16	1052	15	2949096	15780	0.0054
17	Feb-16	1105	15	2949096	16575	0.0056
18	Feb-16	797	22.09	2949096	17606	0.0060
19	Feb-16	784	24	2949096	18816	0.0064
20	Feb-16	1504	12.94	2949096	19462	0.0066
21	Feb-16	1288	15.16	2949096	19526	0.0066
22	Feb-16	928	23	2949096	21344	0.0072
23	Feb-16	1035	22	2949096	22770	0.0077
24	Feb-16	784	32.76	2949096	25684	0.0087
25	Feb-16	597	44	2949096	26268	0.0089
26	Feb-16	1028	27	2949096	27756	0.0094
27	Feb-16	1531	20.34	2949096	31141	0.0106
28	Feb-16	1584	20	2949096	31680	0.0107
29	Feb-16	4041	8.31	2949096	33581	0.0114
30	Feb-16	3124	12	2949096	37488	0.0127
31	Feb-16	892	45.56	2949096	40640	0.0138
32	Feb-16	3189	13.89	2949096	44295	0.0150
33	Feb-16	1945	22.97	2949096	44677	0.0151
34	Feb-16	1893	23.6	2949096	44675	0.0151
35	Feb-16	3291	15	2949096	49365	0.0167
36	Feb-16	3038	16.96	2949096	51524	0.0175
37	Feb-16	3526	14.9	2949096	52537	0.0178
38	Feb-16	2826	19.44	2949096	54937	0.0186
39	Feb-16	1702	35	2949096	59570	0.0202
40	Feb-16	1702	35	2949096	59570	0.0202
41	Feb-16	2161	28.24	2949096	61027	0.0207
42	Feb-16	3489	18	2949096	62802	0.0213
43	Feb-16	2540	27.03	2949096	68656	0.0233
44	Feb-16	2289	30.03	2949096	68739	0.0233



Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
45	Feb-16	1084	64.2	2949096	69593	0.0236
46	Feb-16	3333	22.62	2949096	75392	0.0256
47	Feb-16	3333	23.35	2949096	77826	0.0264
48	Feb-16	4436	18	2949096	79848	0.0271
49	Feb-16	2432	33.26	2949096	80888	0.0274
50	Feb-16	3487	24.04	2949096	83827	0.0284
51	Feb-16	2588	33.38	2949096	86387	0.0293
52	Feb-16	3489	25	2949096	87225	0.0296
53	Feb-16	3711	23.8	2949096	88322	0.0299
54	Feb-16	6798	13	2949096	88374	0.0300
55	Feb-16	6698	15	2949096	100470	0.0341
56	Feb-16	4493	22.37	2949096	100508	0.0341
57	Feb-16	4722	22	2949096	103884	0.0352
58	Feb-16	6484	16.76	2949096	108672	0.0368
59	Feb-16	6798	17	2949096	115566	0.0392
60	Feb-16	5096	23.55	2949096	120011	0.0407
61	Feb-16	4584	26.31	2949096	120605	0.0409
62	Feb-16	6153	20.21	2949096	124352	0.0422
63	Feb-16	4375	29	2949096	126875	0.0430
64	Feb-16	4819	27.15	2949096	130836	0.0444
65	Feb-16	6670	20.54	2949096	137002	0.0465
66	Feb-16	6196	23.2	2949096	143747	0.0487
67	Feb-16	8967	17	2949096	152439	0.0517
68	Feb-16	4480	37.38	2949096	167462	0.0568
69	Feb-16	2529	69.11	2949096	174779	0.0593
70	Feb-16	1553	113.84	2949096	176794	0.0599
71	Feb-16	4584	40.23	2949096	184414	0.0625
72	Feb-16	8524	22.31	2949096	190170	0.0645
73	Feb-16	6603	29.78	2949096	196637	0.0667
74	Feb-16	7862	33.96	2949096	266994	0.0905
75	Feb-16	3895	74.46	2949096	290022	0.0983
76	Feb-16	8599	36.34	2949096	312488	0.1060
77	Feb-16	12532	25.34	2949096	317561	0.1077
78	Feb-16	10707	31.11	2949096	333095	0.1129
79	Feb-16	10020	41.71	2949096	417934	0.1417
80	Feb-16	12198	66.76	2949096	814338	0.2761

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
81	Feb-16	14190	196.15	2949096	2783369	0.9438
82	Feb-16	96	17.18	2949096	1649	0.0006
83	Feb-16	2529	43.08	2949096	108949	0.0369
84	Feb-16	1491	22.1	2949096	329511	0.1117
85	Feb-16	70	82	2949096	5740	0.0019
86	Feb-16	2473	6	2949096	14838	0.0050
87	Feb-16	5654	6	2949096	33924	0.0115
88	Feb-16	6331	8	2949096	50648	0.0172
Total		300159	36.04	2949096	10818273	3.6683

Remark :

1. Customer served by Rinfra are 2949096 nos.
2. Number of feeders are 1071 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Mar-16	1	55.2	2949464	55	0.0000
2	Mar-16	24	21.75	2949464	522	0.0002
3	Mar-16	26	30.99	2949464	806	0.0003
4	Mar-16	121	13	2949464	1573	0.0005
5	Mar-16	56	29.54	2949464	1654	0.0006
6	Mar-16	166	25.09	2949464	4165	0.0014
7	Mar-16	303	18	2949464	5454	0.0018
8	Mar-16	503	12	2949464	6036	0.0020
9	Mar-16	310	20.84	2949464	6460	0.0022
10	Mar-16	467	14	2949464	6538	0.0022
11	Mar-16	479	14.74	2949464	7060	0.0024
12	Mar-16	606	12	2949464	7272	0.0025
13	Mar-16	815	9	2949464	7335	0.0025
14	Mar-16	532	15	2949464	7980	0.0027
15	Mar-16	382	22	2949464	8404	0.0028
16	Mar-16	526	18	2949464	9468	0.0032
17	Mar-16	687	16	2949464	10992	0.0037
18	Mar-16	979	12.98	2949464	12707	0.0043
19	Mar-16	345	41	2949464	14145	0.0048
20	Mar-16	404	37.73	2949464	15243	0.0052
21	Mar-16	1020	15	2949464	15300	0.0052
22	Mar-16	1758	8.92	2949464	15681	0.0053
23	Mar-16	510	30.8	2949464	15708	0.0053
24	Mar-16	878	18	2949464	15804	0.0054
25	Mar-16	710	24	2949464	17040	0.0058
26	Mar-16	1893	10	2949464	18930	0.0064
27	Mar-16	1324	16	2949464	21184	0.0072
28	Mar-16	1376	15.66	2949464	21548	0.0073
29	Mar-16	905	24.08	2949464	21792	0.0074
30	Mar-16	1008	22.35	2949464	22529	0.0076
31	Mar-16	867	27.22	2949464	23600	0.0080
32	Mar-16	1123	21.43	2949464	24066	0.0082
33	Mar-16	1596	16	2949464	25536	0.0087
34	Mar-16	2061	15.91	2949464	32791	0.0111
35	Mar-16	3617	9.29	2949464	33602	0.0114
36	Mar-16	1972	17.29	2949464	34096	0.0116
37	Mar-16	1693	20.72	2949464	35079	0.0119
38	Mar-16	1521	23.58	2949464	35865	0.0122
39	Mar-16	5023	7.36	2949464	36969	0.0125
40	Mar-16	1791	21.79	2949464	39026	0.0132
41	Mar-16	1865	22.43	2949464	41832	0.0142
42	Mar-16	2029	20.98	2949464	42568	0.0144
43	Mar-16	1796	23.82	2949464	42781	0.0145
44	Mar-16	1979	22.23	2949464	43993	0.0149

**Annexure-IV**  
**Performance Report regarding Reliability Indices**

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee

(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5){In minutes}
(1)	(2)	(3)	(4)	(5)	(6)	(7)
45	Mar-16	1841	25.14	2949464	46283	0.0157
46	Mar-16	3258	14.25	2949464	46427	0.0157
47	Mar-16	3839	12.2	2949464	46836	0.0159
48	Mar-16	7219	6.59	2949464	47573	0.0161
49	Mar-16	3732	12.88	2949464	48068	0.0163
50	Mar-16	1209	40.09	2949464	48469	0.0164
51	Mar-16	2007	25	2949464	50175	0.0170
52	Mar-16	2908	17.29	2949464	50279	0.0170
53	Mar-16	1935	27.8	2949464	53793	0.0182
54	Mar-16	7045	7.66	2949464	53965	0.0183
55	Mar-16	6770	8	2949464	54160	0.0184
56	Mar-16	1461	37.08	2949464	54174	0.0184
57	Mar-16	2049	28.63	2949464	58663	0.0199
58	Mar-16	2997	19.99	2949464	59910	0.0203
59	Mar-16	3273	18.9	2949464	61860	0.0210
60	Mar-16	2413	26	2949464	62738	0.0213
61	Mar-16	5219	12.14	2949464	63359	0.0215
62	Mar-16	4072	15.85	2949464	64541	0.0219
63	Mar-16	3810	17	2949464	64770	0.0220
64	Mar-16	3193	20.44	2949464	65265	0.0221
65	Mar-16	3473	19.31	2949464	67064	0.0227
66	Mar-16	3361	20	2949464	67220	0.0228
67	Mar-16	2997	23.2	2949464	69530	0.0236
68	Mar-16	2479	29	2949464	71891	0.0244
69	Mar-16	3931	19	2949464	74689	0.0253
70	Mar-16	2243	33.32	2949464	74737	0.0253
71	Mar-16	4253	18	2949464	76554	0.0260
72	Mar-16	2217	35.27	2949464	78194	0.0265
73	Mar-16	4447	18	2949464	80046	0.0271
74	Mar-16	2862	29	2949464	82998	0.0281
75	Mar-16	2908	28.93	2949464	84128	0.0285
76	Mar-16	4447	19.44	2949464	86450	0.0293
77	Mar-16	6092	14.35	2949464	87420	0.0296
78	Mar-16	6798	13	2949464	88374	0.0300
79	Mar-16	4700	19.34	2949464	90898	0.0308
80	Mar-16	2927	32.08	2949464	93898	0.0318

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
81	Mar-16	6493	14.98	2949464	97265	0.0330
82	Mar-16	3973	24.57	2949464	97617	0.0331
83	Mar-16	4470	21.94	2949464	98072	0.0333
84	Mar-16	6798	15	2949464	101970	0.0346
85	Mar-16	2634	38.73	2949464	102015	0.0346
86	Mar-16	3108	33.79	2949464	105019	0.0356
87	Mar-16	6031	18	2949464	108558	0.0368
88	Mar-16	3302	33.07	2949464	109197	0.0370
89	Mar-16	4227	26.00	2949464	109902	0.0373
90	Mar-16	6304	17.82	2949464	112337	0.0381
91	Mar-16	3740	30.24	2949464	113098	0.0383
92	Mar-16	6044	19	2949464	114836	0.0389
93	Mar-16	5461	21.81	2949464	119104	0.0404
94	Mar-16	3474	34.37	2949464	119401	0.0405
95	Mar-16	3125	38.87	2949464	121469	0.0412
96	Mar-16	4218	29	2949464	122322	0.0415
97	Mar-16	5110	23.96	2949464	122436	0.0415
98	Mar-16	5517	23	2949464	126891	0.0430
99	Mar-16	3385	39.77	2949464	134621	0.0456
100	Mar-16	6028	22.37	2949464	134846	0.0457
101	Mar-16	6785	19.97	2949464	135496	0.0459
102	Mar-16	3001	47.31	2949464	141977	0.0481
103	Mar-16	2762	55.48	2949464	153236	0.0520
104	Mar-16	13673	11.63	2949464	159017	0.0539
105	Mar-16	3853	41.4	2949464	159514	0.0541
106	Mar-16	7936	20.36	2949464	161577	0.0548
107	Mar-16	2044	79.3	2949464	162089	0.0550
108	Mar-16	5305	32.97	2949464	174906	0.0593
109	Mar-16	2007	88.29	2949464	177198	0.0601
110	Mar-16	1597	113.94	2949464	181962	0.0617
111	Mar-16	5907	31.82	2949464	187961	0.0637
112	Mar-16	9385	20.65	2949464	193800	0.0657
113	Mar-16	3734	53.84	2949464	201039	0.0682
114	Mar-16	9902	20.68	2949464	204773	0.0694
115	Mar-16	6032	39	2949464	235248	0.0798
116	Mar-16	5709	41.41	2949464	236410	0.0802
117	Mar-16	7628	31.45	2949464	239901	0.0813
118	Mar-16	8302	33.79	2949464	280525	0.0951
119	Mar-16	12438	23.32	2949464	290054	0.0983
120	Mar-16	6216	48	2949464	298368	0.1012
121	Mar-16	4561	65.96	2949464	300844	0.1020
122	Mar-16	5163	58.48	2949464	301932	0.1024
123	Mar-16	6967	44.81	2949464	312191	0.1058
124	Mar-16	5039	63.15	2949464	318213	0.1079

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(1) System Average Interruption Duration Index (SAIDI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Ri = Restoration time for each interruption event on ith feeder	Nt = Total number of consumers of the distribution Licensees area	Sum(Ri*Ni) for all feeders (excluding agri. Feeders)	SAIDI = (6)/(5)(In minutes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
125	Mar-16	9617	45.31	2949464	435746	0.1477
126	Mar-16	8586	52.3	2949464	449048	0.1522
127	Mar-16	23963	21.93	2949464	525509	0.1782
128	Mar-16	28	226.8	2949464	6350	0.0022
129	Mar-16	3350	41	2949464	137350	0.0466
130	Mar-16	6785	25.48	2949464	172882	0.0586
131	Mar-16	2573	32.81	2949464	84420	0.0286
132	Mar-16	8658	15.11	2949464	130822	0.0444
133	Mar-16	4963	47.66	2949464	236537	0.0802
134	Mar-16	706	23	2949464	16238	0.0055
135	Mar-16	17404	6	2949464	104424	0.0354
Total		504453	25.70	2949464	1296512.1	4.3958

Remark :

- 1 Customer served by Rinfra are 2949464 nos.
- 2 Number of feeders are 1077 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
1	Jan-16	1	1	2947774	0.0000
2	Jan-16	19	19	2947774	0.0000
3	Jan-16	42	42	2947774	0.0000
4	Jan-16	163	163	2947774	0.0001
5	Jan-16	296	296	2947774	0.0001
6	Jan-16	347	347	2947774	0.0001
7	Jan-16	382	382	2947774	0.0001
8	Jan-16	238	238	2947774	0.0001
9	Jan-16	606	606	2947774	0.0002
10	Jan-16	761	761	2947774	0.0003
11	Jan-16	801	801	2947774	0.0003
12	Jan-16	1228	1228	2947774	0.0004
13	Jan-16	1423	1423	2947774	0.0005
14	Jan-16	1107	1107	2947774	0.0004
15	Jan-16	1025	1025	2947774	0.0003
16	Jan-16	1301	1301	2947774	0.0004
17	Jan-16	1107	1107	2947774	0.0004
18	Jan-16	1796	1796	2947774	0.0006
19	Jan-16	1652	1652	2947774	0.0006
20	Jan-16	2558	2558	2947774	0.0009
21	Jan-16	1623	1623	2947774	0.0006
22	Jan-16	1367	1367	2947774	0.0005
23	Jan-16	5459	5459	2947774	0.0019
24	Jan-16	2900	2900	2947774	0.0010
25	Jan-16	2438	2438	2947774	0.0008
26	Jan-16	9415	9415	2947774	0.0032
27	Jan-16	2021	2021	2947774	0.0007
28	Jan-16	4526	4526	2947774	0.0015
29	Jan-16	2289	2289	2947774	0.0008
30	Jan-16	2272	2272	2947774	0.0008
31	Jan-16	3127	3127	2947774	0.0011
32	Jan-16	2277	2277	2947774	0.0008
33	Jan-16	2842	2842	2947774	0.0010
34	Jan-16	2177	2177	2947774	0.0007
35	Jan-16	3937	3937	2947774	0.0013
36	Jan-16	3095	3095	2947774	0.0010
37	Jan-16	4487	4487	2947774	0.0015
38	Jan-16	6785	6785	2947774	0.0023
39	Jan-16	4609	4609	2947774	0.0016
40	Jan-16	3385	3385	2947774	0.0011
41	Jan-16	5039	5039	2947774	0.0017
42	Jan-16	4001	4001	2947774	0.0014
43	Jan-16	4238	4238	2947774	0.0014
44	Jan-16	5294	5294	2947774	0.0018
45	Jan-16	6162	6162	2947774	0.0021
46	Jan-16	6798	6798	2947774	0.0023

**Annexure-IV**  
**Performance Report regarding Reliability Indices**

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
 (2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = {4} / {5} (Events)
(1)	(2)	(3)	(4)	(5)	(6)
47	Jan-16	4917	4917	2947774	0.0017
48	Jan-16	4357	4357	2947774	0.0015
49	Jan-16	3385	3385	2947774	0.0011
50	Jan-16	2762	2762	2947774	0.0009
51	Jan-16	5124	5124	2947774	0.0017
52	Jan-16	1577	1577	2947774	0.0005
53	Jan-16	5805	5805	2947774	0.0020
54	Jan-16	11005	11005	2947774	0.0037
55	Jan-16	9749	9749	2947774	0.0033
56	Jan-16	6032	6032	2947774	0.0020
57	Jan-16	5378	5378	2947774	0.0018
58	Jan-16	5522	5522	2947774	0.0019
59	Jan-16	629	629	2947774	0.0002
60	Jan-16	7891	7891	2947774	0.0027
61	Jan-16	5546	5546	2947774	0.0019
62	Jan-16	9788	9788	2947774	0.0033
63	Jan-16	7423	7423	2947774	0.0025
64	Jan-16	9518	9518	2947774	0.0032
65	Jan-16	8025	8025	2947774	0.0027
66	Jan-16	2338	2338	2947774	0.0008
67	Jan-16	650	650	2947774	0.0002
68	Jan-16	1792	1792	2947774	0.0006
69	Jan-16	4268	4268	2947774	0.0014
Total		242897	242897	2947774	0.082

Remark :

- 1 Customer served by Rinfra are 2947774 nos.
- 2 Number of feeders are 1061 Nos.



Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
1	Feb-16	1	1	2949096	0.0000
2	Feb-16	1	1	2949096	0.0000
3	Feb-16	60	60	2949096	0.0000
4	Feb-16	47	47	2949096	0.0000
5	Feb-16	74	74	2949096	0.0000
6	Feb-16	488	488	2949096	0.0002
7	Feb-16	382	382	2949096	0.0001
8	Feb-16	303	303	2949096	0.0001
9	Feb-16	382	382	2949096	0.0001
10	Feb-16	551	551	2949096	0.0002
11	Feb-16	724	724	2949096	0.0002
12	Feb-16	2122	2122	2949096	0.0007
13	Feb-16	579	579	2949096	0.0002
14	Feb-16	382	382	2949096	0.0001
15	Feb-16	732	732	2949096	0.0002
16	Feb-16	1052	1052	2949096	0.0004
17	Feb-16	1105	1105	2949096	0.0004
18	Feb-16	797	797	2949096	0.0003
19	Feb-16	784	784	2949096	0.0003
20	Feb-16	1504	1504	2949096	0.0005
21	Feb-16	1288	1288	2949096	0.0004
22	Feb-16	928	928	2949096	0.0003
23	Feb-16	1035	1035	2949096	0.0004
24	Feb-16	784	784	2949096	0.0003
25	Feb-16	597	597	2949096	0.0002
26	Feb-16	1028	1028	2949096	0.0003
27	Feb-16	1531	1531	2949096	0.0005
28	Feb-16	1584	1584	2949096	0.0005
29	Feb-16	4041	4041	2949096	0.0014
30	Feb-16	3124	3124	2949096	0.0011
31	Feb-16	892	892	2949096	0.0003
32	Feb-16	3189	3189	2949096	0.0011
33	Feb-16	1945	1945	2949096	0.0007
34	Feb-16	1893	1893	2949096	0.0006
35	Feb-16	3291	3291	2949096	0.0011
36	Feb-16	3038	3038	2949096	0.0010
37	Feb-16	3526	3526	2949096	0.0012
38	Feb-16	2826	2826	2949096	0.0010
39	Feb-16	1702	1702	2949096	0.0006
40	Feb-16	1702	1702	2949096	0.0006
41	Feb-16	2161	2161	2949096	0.0007
42	Feb-16	3489	3489	2949096	0.0012
43	Feb-16	2540	2540	2949096	0.0009
44	Feb-16	2289	2289	2949096	0.0008
45	Feb-16	1084	1084	2949096	0.0004
46	Feb-16	3333	3333	2949096	0.0011

**Annexure-IV**  
**Performance Report regarding Reliability Indices**

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
 (2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
47	Feb-16	3333	3333	2949096	0.0011
48	Feb-16	4436	4436	2949096	0.0015
49	Feb-16	2432	2432	2949096	0.0008
50	Feb-16	3487	3487	2949096	0.0012
51	Feb-16	2588	2588	2949096	0.0009
52	Feb-16	3489	3489	2949096	0.0012
53	Feb-16	3711	3711	2949096	0.0013
54	Feb-16	6798	6798	2949096	0.0023
55	Feb-16	6698	6698	2949096	0.0023
56	Feb-16	4493	4493	2949096	0.0015
57	Feb-16	4722	4722	2949096	0.0016
58	Feb-16	6484	6484	2949096	0.0022
59	Feb-16	6798	6798	2949096	0.0023
60	Feb-16	5096	5096	2949096	0.0017
61	Feb-16	4584	4584	2949096	0.0016
62	Feb-16	6153	6153	2949096	0.0021
63	Feb-16	4375	4375	2949096	0.0015
64	Feb-16	4819	4819	2949096	0.0016
65	Feb-16	6670	6670	2949096	0.0023
66	Feb-16	6196	6196	2949096	0.0021
67	Feb-16	8967	8967	2949096	0.0030
68	Feb-16	4480	4480	2949096	0.0015
69	Feb-16	2529	2529	2949096	0.0009
70	Feb-16	1553	1553	2949096	0.0005
71	Feb-16	4584	4584	2949096	0.0016
72	Feb-16	8524	8524	2949096	0.0029
73	Feb-16	6603	6603	2949096	0.0022
74	Feb-16	7862	7862	2949096	0.0027
75	Feb-16	3895	3895	2949096	0.0013
76	Feb-16	8599	8599	2949096	0.0029
77	Feb-16	12532	12532	2949096	0.0042
78	Feb-16	10707	10707	2949096	0.0036
79	Feb-16	10020	10020	2949096	0.0034
80	Feb-16	12198	12198	2949096	0.0041
81	Feb-16	14190	14190	2949096	0.0048
82	Feb-16	96	96	2949096	0.0000
83	Feb-16	2529	2529	2949096	0.0009
84	Feb-16	1491	1491	2949096	0.0005

8/10/16

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
85	Feb-16	70	70	2949096	0.0000
86	Feb-16	2473	2473	2949096	0.0008
87	Feb-16	5654	5654	2949096	0.0019
88	Feb-16	6331	6331	2949096	0.0021
Total		300159	300159	2949096	0.102

Remark :

- 1 Customer served by Rinfra are 2949096 nos.
- 2 Number of feeders are 1071 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
1	Mar-16	1	1	2949464	0.0000
2	Mar-16	24	24	2949464	0.0000
3	Mar-16	26	26	2949464	0.0000
4	Mar-16	121	121	2949464	0.0000
5	Mar-16	56	56	2949464	0.0000
6	Mar-16	166	166	2949464	0.0001
7	Mar-16	303	303	2949464	0.0001
8	Mar-16	503	503	2949464	0.0002
9	Mar-16	310	310	2949464	0.0001
10	Mar-16	467	467	2949464	0.0002
11	Mar-16	479	479	2949464	0.0002
12	Mar-16	606	606	2949464	0.0002
13	Mar-16	815	815	2949464	0.0003
14	Mar-16	532	532	2949464	0.0002
15	Mar-16	382	382	2949464	0.0001
16	Mar-16	526	526	2949464	0.0002
17	Mar-16	687	687	2949464	0.0002
18	Mar-16	979	979	2949464	0.0003
19	Mar-16	345	345	2949464	0.0001
20	Mar-16	404	404	2949464	0.0001
21	Mar-16	1020	1020	2949464	0.0003
22	Mar-16	1758	1758	2949464	0.0006
23	Mar-16	510	510	2949464	0.0002
24	Mar-16	878	878	2949464	0.0003
25	Mar-16	710	710	2949464	0.0002
26	Mar-16	1893	1893	2949464	0.0006
27	Mar-16	1324	1324	2949464	0.0004
28	Mar-16	1376	1376	2949464	0.0005
29	Mar-16	905	905	2949464	0.0003
30	Mar-16	1008	1008	2949464	0.0003
31	Mar-16	867	867	2949464	0.0003
32	Mar-16	1123	1123	2949464	0.0004
33	Mar-16	1596	1596	2949464	0.0005
34	Mar-16	2061	2061	2949464	0.0007
35	Mar-16	3617	3617	2949464	0.0012
36	Mar-16	1972	1972	2949464	0.0007
37	Mar-16	1693	1693	2949464	0.0006
38	Mar-16	1521	1521	2949464	0.0005
39	Mar-16	5023	5023	2949464	0.0017
40	Mar-16	1791	1791	2949464	0.0006
41	Mar-16	1865	1865	2949464	0.0006
42	Mar-16	2029	2029	2949464	0.0007
43	Mar-16	1796	1796	2949464	0.0006
44	Mar-16	1979	1979	2949464	0.0007
45	Mar-16	1841	1841	2949464	0.0006
46	Mar-16	3258	3258	2949464	0.0011

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
47	Mar-16	3839	3839	2949464	0.0013
48	Mar-16	7219	7219	2949464	0.0024
49	Mar-16	3732	3732	2949464	0.0013
50	Mar-16	1209	1209	2949464	0.0004
51	Mar-16	2007	2007	2949464	0.0007
52	Mar-16	2908	2908	2949464	0.0010
53	Mar-16	1935	1935	2949464	0.0007
54	Mar-16	7045	7045	2949464	0.0024
55	Mar-16	6770	6770	2949464	0.0023
56	Mar-16	1461	1461	2949464	0.0005
57	Mar-16	2049	2049	2949464	0.0007
58	Mar-16	2997	2997	2949464	0.0010
59	Mar-16	3273	3273	2949464	0.0011
60	Mar-16	2413	2413	2949464	0.0008
61	Mar-16	5219	5219	2949464	0.0018
62	Mar-16	4072	4072	2949464	0.0014
63	Mar-16	3810	3810	2949464	0.0013
64	Mar-16	3193	3193	2949464	0.0011
65	Mar-16	3473	3473	2949464	0.0012
66	Mar-16	3361	3361	2949464	0.0011
67	Mar-16	2997	2997	2949464	0.0010
68	Mar-16	2479	2479	2949464	0.0008
69	Mar-16	3931	3931	2949464	0.0013
70	Mar-16	2243	2243	2949464	0.0008
71	Mar-16	4253	4253	2949464	0.0014
72	Mar-16	2217	2217	2949464	0.0008
73	Mar-16	4447	4447	2949464	0.0015
74	Mar-16	2862	2862	2949464	0.0010
75	Mar-16	2908	2908	2949464	0.0010
76	Mar-16	4447	4447	2949464	0.0015
77	Mar-16	6092	6092	2949464	0.0021
78	Mar-16	6798	6798	2949464	0.0023
79	Mar-16	4700	4700	2949464	0.0016
80	Mar-16	2927	2927	2949464	0.0010
81	Mar-16	6493	6493	2949464	0.0022
82	Mar-16	3973	3973	2949464	0.0013
83	Mar-16	4470	4470	2949464	0.0015
84	Mar-16	6798	6798	2949464	0.0023

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
85	Mar-16	2634	2634	2949464	0.0009
86	Mar-16	3108	3108	2949464	0.0011
87	Mar-16	6031	6031	2949464	0.0020
88	Mar-16	3302	3302	2949464	0.0011
89	Mar-16	4227	4227	2949464	0.0014
90	Mar-16	6304	6304	2949464	0.0021
91	Mar-16	3740	3740	2949464	0.0013
92	Mar-16	6044	6044	2949464	0.0020
93	Mar-16	5461	5461	2949464	0.0019
94	Mar-16	3474	3474	2949464	0.0012
95	Mar-16	3125	3125	2949464	0.0011
96	Mar-16	4218	4218	2949464	0.0014
97	Mar-16	5110	5110	2949464	0.0017
98	Mar-16	5517	5517	2949464	0.0019
99	Mar-16	3385	3385	2949464	0.0011
100	Mar-16	6028	6028	2949464	0.0020
101	Mar-16	6785	6785	2949464	0.0023
102	Mar-16	3001	3001	2949464	0.0010
103	Mar-16	2762	2762	2949464	0.0009
104	Mar-16	13673	13673	2949464	0.0046
105	Mar-16	3853	3853	2949464	0.0013
106	Mar-16	7936	7936	2949464	0.0027
107	Mar-16	2044	2044	2949464	0.0007
108	Mar-16	5305	5305	2949464	0.0018
109	Mar-16	2007	2007	2949464	0.0007
110	Mar-16	1597	1597	2949464	0.0005
111	Mar-16	5907	5907	2949464	0.0020
112	Mar-16	9385	9385	2949464	0.0032
113	Mar-16	3734	3734	2949464	0.0013
114	Mar-16	9902	9902	2949464	0.0034
115	Mar-16	6032	6032	2949464	0.0020
116	Mar-16	5709	5709	2949464	0.0019
117	Mar-16	7628	7628	2949464	0.0026
118	Mar-16	8302	8302	2949464	0.0028
119	Mar-16	12438	12438	2949464	0.0042
120	Mar-16	6216	6216	2949464	0.0021
121	Mar-16	4561	4561	2949464	0.0015
122	Mar-16	5163	5163	2949464	0.0018
123	Mar-16	6967	6967	2949464	0.0024
124	Mar-16	5039	5039	2949464	0.0017
125	Mar-16	9617	9617	2949464	0.0033
126	Mar-16	8586	8586	2949464	0.0029
127	Mar-16	23963	23963	2949464	0.0081
128	Mar-16	28	28	2949464	0.0000
129	Mar-16	3350	3350	2949464	0.0011
130	Mar-16	6785	6785	2949464	0.0023

**Annexure-IV**  
**Performance Report regarding Reliability Indices**

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(2) System Average Interruption Frequency Index (SAIFI)

Sr.No.	Month	Ni = Number of consumers who experienced a sustained interruption on ith feeder	Sum of consumers of i feeders which had experienced interruptions = Sum Ni	Nt = Total number of consumers of the distribution Licensees area	SAIFI = (4) / (5) (Events)
(1)	(2)	(3)	(4)	(5)	(6)
131	Mar-16	2573	2573	2949464	0.0009
132	Mar-16	8658	8658	2949464	0.0029
133	Mar-16	4963	4963	2949464	0.0017
134	Mar-16	706	706	2949464	0.0002
135	Mar-16	17404	17404	2949464	0.0059
Total		504453	504453	2949464	0.152

Remark :

- 1 Customer served by Rinfra are 2949464 nos.
- 2 Number of feeders are 1077 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
1	Jan-16	0.0000	0.0000	28.8000
2	Jan-16	0.0000	0.0000	6.0000
3	Jan-16	0.0004	0.0000	28.2600
4	Jan-16	0.0012	0.0001	22.1500
5	Jan-16	0.0015	0.0001	15.0000
6	Jan-16	0.0017	0.0001	14.1800
7	Jan-16	0.0019	0.0001	15.0000
8	Jan-16	0.0020	0.0001	25.0000
9	Jan-16	0.0027	0.0002	13.0000
10	Jan-16	0.0045	0.0003	17.2600
11	Jan-16	0.0052	0.0003	19.0000
12	Jan-16	0.0054	0.0004	13.0000
13	Jan-16	0.0058	0.0005	12.0000
14	Jan-16	0.0060	0.0004	16.0000
15	Jan-16	0.0074	0.0003	21.2900
16	Jan-16	0.0074	0.0004	16.8500
17	Jan-16	0.0086	0.0004	23.0000
18	Jan-16	0.0104	0.0006	17.0000
19	Jan-16	0.0123	0.0006	22.0000
20	Jan-16	0.0135	0.0009	15.5900
21	Jan-16	0.0143	0.0006	26.0000
22	Jan-16	0.0167	0.0005	36.0000
23	Jan-16	0.0169	0.0019	9.1500
24	Jan-16	0.0170	0.0010	17.2800
25	Jan-16	0.0200	0.0008	24.1300
26	Jan-16	0.0202	0.0032	6.3200
27	Jan-16	0.0207	0.0007	30.2500
28	Jan-16	0.0216	0.0015	14.0700
29	Jan-16	0.0217	0.0008	28.0000
30	Jan-16	0.0229	0.0008	29.7500
31	Jan-16	0.0233	0.0011	22.0000
32	Jan-16	0.0247	0.0008	32.0000
33	Jan-16	0.0256	0.0010	26.5500
34	Jan-16	0.0273	0.0007	36.9200
35	Jan-16	0.0274	0.0013	20.5100
36	Jan-16	0.0283	0.0010	27.0000
37	Jan-16	0.0289	0.0015	19.0000
38	Jan-16	0.0299	0.0023	13.0100
39	Jan-16	0.0304	0.0016	19.4400
40	Jan-16	0.0305	0.0011	26.5700
41	Jan-16	0.0306	0.0017	17.8900
42	Jan-16	0.0336	0.0014	24.7700
43	Jan-16	0.0342	0.0014	23.7900
44	Jan-16	0.0360	0.0018	20.0400



Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
45	Jan-16	0.0376	0.0021	18.0000
46	Jan-16	0.0389	0.0023	16.8500
47	Jan-16	0.0402	0.0017	24.1100
48	Jan-16	0.0415	0.0015	28.0900
49	Jan-16	0.0418	0.0011	36.4100
50	Jan-16	0.0432	0.0009	46.1400
51	Jan-16	0.0455	0.0017	26.1600
52	Jan-16	0.0467	0.0005	87.3700
53	Jan-16	0.0517	0.0020	26.2400
54	Jan-16	0.0588	0.0037	15.7600
55	Jan-16	0.0630	0.0033	19.0600
56	Jan-16	0.0634	0.0020	31.0000
57	Jan-16	0.0697	0.0018	38.1800
58	Jan-16	0.0777	0.0019	41.4900
59	Jan-16	0.0783	0.0002	367.0000
60	Jan-16	0.0790	0.0027	29.5300
61	Jan-16	0.0896	0.0019	47.6100
62	Jan-16	0.0906	0.0033	27.2800
63	Jan-16	0.0931	0.0025	36.9800
64	Jan-16	0.1169	0.0032	36.2100
65	Jan-16	0.1280	0.0027	47.0000
66	Jan-16	0.0069	0.0008	8.6400
67	Jan-16	0.0024	0.0002	11.0000
68	Jan-16	0.0103	0.0006	17.0000
69	Jan-16	0.0385	0.0014	26.5800
Total		2.1544	0.0824	26.1456

Remark :

- 1 Customer served by Rinfra are 2947774 nos.
- 2 Number of feeders are 1061 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
1	Feb-16	0.0000	0.0000	13.8000
2	Feb-16	0.0000	0.0000	18.0000
3	Feb-16	0.0003	0.0000	15.0000
4	Feb-16	0.0004	0.0000	27.0000
5	Feb-16	0.0005	0.0000	18.1000
6	Feb-16	0.0020	0.0002	12.0000
7	Feb-16	0.0025	0.0001	19.0000
8	Feb-16	0.0030	0.0001	29.0000
9	Feb-16	0.0031	0.0001	24.0000
10	Feb-16	0.0040	0.0002	21.5400
11	Feb-16	0.0042	0.0002	17.0000
12	Feb-16	0.0043	0.0007	6.0000
13	Feb-16	0.0046	0.0002	23.5700
14	Feb-16	0.0052	0.0001	40.0000
15	Feb-16	0.0052	0.0002	21.0000
16	Feb-16	0.0054	0.0004	15.0000
17	Feb-16	0.0056	0.0004	15.0000
18	Feb-16	0.0060	0.0003	22.0900
19	Feb-16	0.0064	0.0003	24.0000
20	Feb-16	0.0066	0.0005	12.9400
21	Feb-16	0.0066	0.0004	15.1600
22	Feb-16	0.0072	0.0003	23.0000
23	Feb-16	0.0077	0.0004	22.0000
24	Feb-16	0.0087	0.0003	32.7600
25	Feb-16	0.0089	0.0002	44.0000
26	Feb-16	0.0094	0.0003	27.0000
27	Feb-16	0.0106	0.0005	20.3400
28	Feb-16	0.0107	0.0005	20.0000
29	Feb-16	0.0114	0.0014	8.3100
30	Feb-16	0.0127	0.0011	12.0000
31	Feb-16	0.0138	0.0003	45.5600
32	Feb-16	0.0150	0.0011	13.8900
33	Feb-16	0.0151	0.0007	22.9700
34	Feb-16	0.0151	0.0006	23.6000
35	Feb-16	0.0167	0.0011	15.0000
36	Feb-16	0.0175	0.0010	16.9600
37	Feb-16	0.0178	0.0012	14.9000
38	Feb-16	0.0186	0.0010	19.4400
39	Feb-16	0.0202	0.0006	35.0000
40	Feb-16	0.0202	0.0006	35.0000
41	Feb-16	0.0207	0.0007	28.2400
42	Feb-16	0.0213	0.0012	18.0000
43	Feb-16	0.0233	0.0009	27.0300
44	Feb-16	0.0233	0.0008	30.0300

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
45	Feb-16	0.0236	0.0004	64.2000
46	Feb-16	0.0256	0.0011	22.6200
47	Feb-16	0.0264	0.0011	23.3500
48	Feb-16	0.0271	0.0015	18.0000
49	Feb-16	0.0274	0.0008	33.2600
50	Feb-16	0.0284	0.0012	24.0400
51	Feb-16	0.0293	0.0009	33.3800
52	Feb-16	0.0296	0.0012	25.0000
53	Feb-16	0.0299	0.0013	23.8000
54	Feb-16	0.0300	0.0023	13.0000
55	Feb-16	0.0341	0.0023	15.0000
56	Feb-16	0.0341	0.0015	22.3700
57	Feb-16	0.0352	0.0016	22.0000
58	Feb-16	0.0368	0.0022	16.7600
59	Feb-16	0.0392	0.0023	17.0000
60	Feb-16	0.0407	0.0017	23.5500
61	Feb-16	0.0409	0.0016	26.3100
62	Feb-16	0.0422	0.0021	20.2100
63	Feb-16	0.0430	0.0015	29.0000
64	Feb-16	0.0444	0.0016	27.1500
65	Feb-16	0.0465	0.0023	20.5400
66	Feb-16	0.0487	0.0021	23.2000
67	Feb-16	0.0517	0.0030	17.0000
68	Feb-16	0.0568	0.0015	37.3800
69	Feb-16	0.0593	0.0009	69.1100
70	Feb-16	0.0599	0.0005	113.8400
71	Feb-16	0.0625	0.0016	40.2300
72	Feb-16	0.0645	0.0029	22.3100
73	Feb-16	0.0667	0.0022	29.7800
74	Feb-16	0.0905	0.0027	33.9600
75	Feb-16	0.0983	0.0013	74.4600
76	Feb-16	0.1060	0.0029	36.3400
77	Feb-16	0.1077	0.0042	25.3400
78	Feb-16	0.1129	0.0036	31.1100
79	Feb-16	0.1417	0.0034	41.7100
80	Feb-16	0.2761	0.0041	66.7600
81	Feb-16	0.9438	0.0048	196.1500
82	Feb-16	0.0006	0.0000	17.1800
83	Feb-16	0.0369	0.0009	43.0800
84	Feb-16	0.1117	0.0005	221.0000
85	Feb-16	0.0019	0.0000	82.0000
86	Feb-16	0.0050	0.0008	6.0000
87	Feb-16	0.0115	0.0019	6.0000
88	Feb-16	0.0172	0.0021	8.0000
Total		3.6683	0.1018	36.0418

Remark :

- 1 Customer served by Rinfra are 2949096 nos.
- 2 Number of feeders are 1071 Nos.

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
1	Mar-16	0.0000	0.0000	55.2000
2	Mar-16	0.0002	0.0000	21.7500
3	Mar-16	0.0003	0.0000	30.9900
4	Mar-16	0.0005	0.0000	13.0000
5	Mar-16	0.0006	0.0000	29.5400
6	Mar-16	0.0014	0.0001	25.0900
7	Mar-16	0.0018	0.0001	18.0000
8	Mar-16	0.0020	0.0002	12.0000
9	Mar-16	0.0022	0.0001	20.8400
10	Mar-16	0.0022	0.0002	14.0000
11	Mar-16	0.0024	0.0002	14.7400
12	Mar-16	0.0025	0.0002	12.0000
13	Mar-16	0.0025	0.0003	9.0000
14	Mar-16	0.0027	0.0002	15.0000
15	Mar-16	0.0028	0.0001	22.0000
16	Mar-16	0.0032	0.0002	18.0000
17	Mar-16	0.0037	0.0002	16.0000
18	Mar-16	0.0043	0.0003	12.9800
19	Mar-16	0.0048	0.0001	41.0000
20	Mar-16	0.0052	0.0001	37.7300
21	Mar-16	0.0052	0.0003	15.0000
22	Mar-16	0.0053	0.0006	8.9200
23	Mar-16	0.0053	0.0002	30.8000
24	Mar-16	0.0054	0.0003	18.0000
25	Mar-16	0.0058	0.0002	24.0000
26	Mar-16	0.0064	0.0006	10.0000
27	Mar-16	0.0072	0.0004	16.0000
28	Mar-16	0.0073	0.0005	15.6600
29	Mar-16	0.0074	0.0003	24.0800
30	Mar-16	0.0076	0.0003	22.3500
31	Mar-16	0.0080	0.0003	27.2200
32	Mar-16	0.0082	0.0004	21.4300
33	Mar-16	0.0087	0.0005	16.0000
34	Mar-16	0.0111	0.0007	15.9100
35	Mar-16	0.0114	0.0012	9.2900
36	Mar-16	0.0116	0.0007	17.2900
37	Mar-16	0.0119	0.0006	20.7200
38	Mar-16	0.0122	0.0005	23.5800
39	Mar-16	0.0125	0.0017	7.3600
40	Mar-16	0.0132	0.0006	21.7900
41	Mar-16	0.0142	0.0006	22.4300
42	Mar-16	0.0144	0.0007	20.9800
43	Mar-16	0.0145	0.0006	23.8200
44	Mar-16	0.0149	0.0007	22.2300

Annexure-IV  
Performance Report regarding Reliability Indices

Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee  
(3) Customer Average Interruption Duration Index (CAIDI)

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
45	Mar-16	0.0157	0.0006	25.1400
46	Mar-16	0.0157	0.0011	14.2500
47	Mar-16	0.0159	0.0013	12.2000
48	Mar-16	0.0161	0.0024	6.5900
49	Mar-16	0.0163	0.0013	12.8800
50	Mar-16	0.0164	0.0004	40.0900
51	Mar-16	0.0170	0.0007	25.0000
52	Mar-16	0.0170	0.0010	17.2900
53	Mar-16	0.0182	0.0007	27.8000
54	Mar-16	0.0183	0.0024	7.6600
55	Mar-16	0.0184	0.0023	8.0000
56	Mar-16	0.0184	0.0005	37.0800
57	Mar-16	0.0199	0.0007	28.6300
58	Mar-16	0.0203	0.0010	19.9900
59	Mar-16	0.0210	0.0011	18.9000
60	Mar-16	0.0213	0.0008	26.0000
61	Mar-16	0.0215	0.0018	12.1400
62	Mar-16	0.0219	0.0014	15.8500
63	Mar-16	0.0220	0.0013	17.0000
64	Mar-16	0.0221	0.0011	20.4400
65	Mar-16	0.0227	0.0012	19.3100
66	Mar-16	0.0228	0.0011	20.0000
67	Mar-16	0.0236	0.0010	23.2000
68	Mar-16	0.0244	0.0008	29.0000
69	Mar-16	0.0253	0.0013	19.0000
70	Mar-16	0.0253	0.0008	33.3200
71	Mar-16	0.0260	0.0014	18.0000
72	Mar-16	0.0265	0.0008	35.2700
73	Mar-16	0.0271	0.0015	18.0000
74	Mar-16	0.0281	0.0010	29.0000
75	Mar-16	0.0285	0.0010	28.9300
76	Mar-16	0.0293	0.0015	19.4400
77	Mar-16	0.0296	0.0021	14.3500
78	Mar-16	0.0300	0.0023	13.0000
79	Mar-16	0.0308	0.0016	19.3400
80	Mar-16	0.0318	0.0010	32.0800
81	Mar-16	0.0330	0.0022	14.9800
82	Mar-16	0.0331	0.0013	24.5700
83	Mar-16	0.0333	0.0015	21.9400
84	Mar-16	0.0346	0.0023	15.0000
85	Mar-16	0.0346	0.0009	38.7300
86	Mar-16	0.0356	0.0011	33.7900
87	Mar-16	0.0368	0.0020	18.0000
88	Mar-16	0.0370	0.0011	33.0700
89	Mar-16	0.0373	0.0014	26.0000
90	Mar-16	0.0381	0.0021	17.8200
91	Mar-16	0.0383	0.0013	30.2400
92	Mar-16	0.0389	0.0020	19.0000
93	Mar-16	0.0404	0.0019	21.8100
94	Mar-16	0.0405	0.0012	34.3700

**Annexure-IV**  
**Performance Report regarding Reliability Indices**

**Formats for Quarterly returns to be submitted to the Commission by the Distribution Licensee**  
**(3) Customer Average Interruption Duration Index (CAIDI)**

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
95	Mar-16	0.0412	0.0011	38.8700
96	Mar-16	0.0415	0.0014	29.0000
97	Mar-16	0.0415	0.0017	23.9600
98	Mar-16	0.0430	0.0019	23.0000
99	Mar-16	0.0456	0.0011	39.7700
100	Mar-16	0.0457	0.0020	22.3700
101	Mar-16	0.0459	0.0023	19.9700
102	Mar-16	0.0481	0.0010	47.3100
103	Mar-16	0.0520	0.0009	55.4800
104	Mar-16	0.0539	0.0046	11.6300
105	Mar-16	0.0541	0.0013	41.4000
106	Mar-16	0.0548	0.0027	20.3600
107	Mar-16	0.0550	0.0007	79.3000
108	Mar-16	0.0593	0.0018	32.9700
109	Mar-16	0.0601	0.0007	88.2900
110	Mar-16	0.0617	0.0005	113.9400
111	Mar-16	0.0637	0.0020	31.8200
112	Mar-16	0.0657	0.0032	20.6500
113	Mar-16	0.0682	0.0013	53.8400
114	Mar-16	0.0694	0.0034	20.6800
115	Mar-16	0.0798	0.0020	39.0000
116	Mar-16	0.0802	0.0019	41.4100
117	Mar-16	0.0813	0.0026	31.4500
118	Mar-16	0.0951	0.0028	33.7900
119	Mar-16	0.0983	0.0042	23.3200
120	Mar-16	0.1012	0.0021	48.0000
121	Mar-16	0.1020	0.0015	65.9600
122	Mar-16	0.1024	0.0018	58.4800
123	Mar-16	0.1058	0.0024	44.8100
124	Mar-16	0.1079	0.0017	63.1500
125	Mar-16	0.1477	0.0033	45.3100
126	Mar-16	0.1522	0.0029	52.3000
127	Mar-16	0.1782	0.0081	21.9300
128	Mar-16	0.0022	0.0000	226.8000
129	Mar-16	0.0466	0.0011	41.0000
130	Mar-16	0.0586	0.0023	25.4800
131	Mar-16	0.0286	0.0009	32.8100
132	Mar-16	0.0444	0.0029	15.1100
133	Mar-16	0.0802	0.0017	47.6600
134	Mar-16	0.0055	0.0002	23.0000
135	Mar-16	0.0354	0.0059	6.0000
Total		4.3958	0.1517	28.9744

Remark :

- 1 Customer served by Rinfra are 2949464 nos.
- 2 Number of feeders are 1077 Nos.