



Electricity

AEML/MERC/SOP Report FY 18-19/Q3

February 08, 2019

By Email & Hand Delivery

The Secretary,
Maharashtra Electricity Regulatory Commission,
13th Floor, Centre No. 1, World Trade Centre,
Cuffe Parade, Colaba,
Mumbai - 400005.

Dear Sir,

Sub: Submission of SOP Report for Third Quarter of FY 2018-19.

Ref: Regulation 13.1 (Third Proviso) of MERC (Standards of Performance of Distribution Licensees, Period of Giving Supply and Determination of Compensation) Regulations, 2014

Please find enclosed herewith the SOP report for third quarter of FY 18-19.

Thanking You,

Yours faithfully,

Kishor Patil
Sr. Vice-President,
Adani Electricity Mumbai 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

Name of Distribution Licensee: Adani Electricity Mumbai Limited
Period: October 2018 to December-2018

Sr.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.	Remark
							Within Standards of performance	More than stipulated time	Total complaints redressed		
	a	b	c	d	e	f=d+e	g	h	i=g+h	j=f-i	
1	4.3	New connection* - inspection of premises	Class-I Cities/Urban	2	8605	8607	8543	4	8547	60	Delayed due to Non Compliance by applicant - 4 cases
2	4.4	Intimation of charges where supply from existing lines	Class-I Cities/Urban	6	6605	6611	6561	0	6561	50	-
3	4.5 & 4.6	Intimation of charges where supply to dedicated or after extension / augmentation	Class-I Cities/Urban	13	1991	2004	1942	3	1945	59	Non Compliance by applicant (delayed for finalization of service position)-3 cases
4	4.7	New connection/ add. load where supply from existing line		313	6398	6711	6560	48	6608	103	1. Non-Compliance by applicant-44 cases 2. Non Compliance by applicant (delayed for finalization of service position)-3 cases 3. Objection at site by Third party -1 case
5	4.8	New connection/ add. Load where supply after extension / augmentation		451	1757	2208	1694	0	1694	514	
6	4.9	New connection/ add. load where supply after commissioning of sub-station		0	0	0	0	0	0	0	
7	4.12	Shifting of Meter / service Line	Class-I Cities/Urban	405	334	739	474	0	474	265	
8	6.10	Reconnection of supply after payment of dues	Class-I Cities/Urban	0	16338	16338	16338	0	16338	0	
9	4.13	Change of Name		0	20504	20504	20504	0	20504	0	
10	4.13	Change of category		140	1183	1323	1177	0	1177	146	
11	5.4 (a)	Complaint of Voltage Variation - Local fault		0	903	903	903	0	903	0	
12	5.4 (b)	Complaint of Voltage Variation - Network		0	551	551	551	0	551	0	
13	5.4 (c)	Complaint of Voltage Variation - Expansion / augmentation required		0	0	0	0	0	0	0	
14	6.1	Fuse off call	Class-I Cities/Urban	0	18730	18730	18722	8	18730	0	Refer Note below
15	6.2	Breakdown of Overhead Line	Class-I Cities/Urban	0	0	0	0	0	0	0	
16	6.3	Underground Cable fault	Class-I Cities/Urban	0	11332	11332	11081	251	11332	0	Refer Note below
17	6.4	Transformer failure	Class-I Cities/Urban	0	7	7	6	1	7	0	Refer Note below

Sr.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.	Remark
							Within Standards of performance	More than stipulated time	Total complaints redressed		
18	7.2	Meter Reading		0	7344367	7344367	7343496	871	7344367	0	1. Meter room locked-466 cases 2. No access to meter cabin-405 cases
19	7.3	Replacement of Faulty Meter**	Class-I Cities/Urban	0	2506	2506	2506	0	2506	0	
20	7.4	Replacement of Burnt Meter	Class-I Cities/Urban	0	901	901	901	0	901	0	
21	7.6 , 7.7	Billing Complaint		696	13371	14067	13814	0	13814	253	

Notes:

* New Connection report is based on number of applications received of individual building wherein multiple meters are connected.

** Faulty meter includes- Defect in the meters not affecting the customer's supply, however affecting recording of consumer's consumption and needs immediate replacement. This does not include black spot meters, meters used for reconnection of supply, meter replaced on consumer request, stolen or missing meters.

Notes: Fuse of Call, Underground Cable faults & Transformer Failure:

Sr.no	Reasons for delay	6.1 Fuse off call	6.3UG Cable fault	6.4Transformer Failure
1	In theft prone areas miscreants are tapping wires from AEML's feeder boxes and meter cabins. The overloading due to such unauthorized load results in to interruption of supply. AEML is taking efforts to remove such unauthorized connections from time to time. During any interruption, for safety purpose, AEML needs to first remove such unauthorized connections and then restore the supply. This results in delay in restoration of supply to complainant or even delay repairing of fault. Events related to this reason are specified here.	0	87	
2	Adverse site conditions (cable deep/multiple cables at one location/road crossing/supply restoration not possible by temporary means/mass objection): AEML's network is developed over 7 decades. Due to road widening, level raising, concerting, 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.	8	89	
3	Heavy Rains, Water Logging, water ingress due to side by Nalla: In such conditions it becomes difficult to access installation/cables. In such cases it take more time to attended compliant/fault.	0	0	
4	Request from Consumer to attend the fault at later suitable time	0	38	
5	Fault at Consumer installation, which consumer needs to rectify. Supply is kept OFF for safety purpose.	0	16	
6	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.	0	16	
7	Access issue to meter cabin /AEML network equipment: Many times it is found that the access to AEML 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 linger 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.	0	2	
8	Labour commotion	0	0	
9	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.	0	1	
10	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	0	2	
11	Access issue to AEML substation in Slum area. (Heavy Garbage surrounding the substation)			1
Grand Total		8	251	1

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

Name of Distribution Licensee: Adani Electricity Mumbai Limited

Period: October 2018 to December-2018

Sr. No.	Complain t 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	NIL							
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

Name of Distribution Licensee: Adani Electricity Mumbai Limited

Period: October 2018 to December-2018

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	AEML	7.3	0	2506	2506	2506	0
2							
3							
4							
5							

Note:

Faulty meter includes- Defect in the meters not affecting the customer's supply, however affecting recording of consumer's consumption and needs immediate replacement. This does not include black spot meters, meters used for reconnection of supply, meter replaced on consumer request, stolen or missing meters.

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)

Name of Distribution Licensee: Adani Electricity Mumbai Limited
Period: October 2018 to December-2018

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	Oct-18	1	24	3017213	24	0.0000
2	Oct-18	14	26.01	3017213	364	0.0001
3	Oct-18	70	7	3017213	490	0.0002
4	Oct-18	107	10	3017213	1070	0.0004
5	Oct-18	141	10	3017213	1410	0.0005
6	Oct-18	233	8.61	3017213	2006	0.0007
7	Oct-18	305	7	3017213	2135	0.0007
8	Oct-18	85	28.73	3017213	2442	0.0008
9	Oct-18	241	15	3017213	3615	0.0012
10	Oct-18	531	9	3017213	4779	0.0016
11	Oct-18	146	36.03	3017213	5260	0.0017
12	Oct-18	1000	8.06	3017213	8060	0.0027
13	Oct-18	422	21	3017213	8862	0.0029
14	Oct-18	928	9.65	3017213	8955	0.0030
15	Oct-18	394	34.92	3017213	13758	0.0046
16	Oct-18	2435	6	3017213	14610	0.0048
17	Oct-18	537	27.98	3017213	15025	0.0050
18	Oct-18	2234	7.01	3017213	15660	0.0052
19	Oct-18	1029	16.1	3017213	16567	0.0055
20	Oct-18	635	29	3017213	18415	0.0061
21	Oct-18	878	21.54	3017213	18912	0.0063
22	Oct-18	1319	15	3017213	19785	0.0066
23	Oct-18	804	26.11	3017213	20992	0.0070
24	Oct-18	923	24.43	3017213	22549	0.0075
25	Oct-18	611	37	3017213	22607	0.0075
26	Oct-18	1263	18	3017213	22734	0.0075
27	Oct-18	2298	10.06	3017213	23118	0.0077
28	Oct-18	2993	8	3017213	23944	0.0079
29	Oct-18	1337	18.19	3017213	24320	0.0081
30	Oct-18	2823	9	3017213	25407	0.0084
31	Oct-18	2124	12	3017213	25488	0.0084
32	Oct-18	4294	6	3017213	25764	0.0085
33	Oct-18	2973	9	3017213	26757	0.0089
34	Oct-18	1298	22	3017213	28556	0.0095
35	Oct-18	559	51.83	3017213	28973	0.0096
36	Oct-18	2807	11.08	3017213	31102	0.0103
37	Oct-18	1164	27.35	3017213	31835	0.0106
38	Oct-18	1274	26.51	3017213	33774	0.0112
39	Oct-18	1669	21	3017213	35049	0.0116
40	Oct-18	1968	18.07	3017213	35562	0.0118
41	Oct-18	3596	10.42	3017213	37470	0.0124
42	Oct-18	1460	26	3017213	37960	0.0126
43	Oct-18	1934	20	3017213	38680	0.0128
44	Oct-18	1508	25.69	3017213	38741	0.0128
45	Oct-18	3015	13.24	3017213	39919	0.0132
46	Oct-18	1014	41	3017213	41574	0.0138

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)
47	Oct-18	1823	23	3017213	41929	0.0139
48	Oct-18	1529	27.43	3017213	41940	0.0139
49	Oct-18	2376	18.31	3017213	43505	0.0144
50	Oct-18	4845	9.14	3017213	44283	0.0147
51	Oct-18	1972	22.95	3017213	45257	0.0150
52	Oct-18	2021	23.56	3017213	47615	0.0158
53	Oct-18	2376	20.36	3017213	48375	0.0160
54	Oct-18	4501	11	3017213	49511	0.0164
55	Oct-18	2018	25	3017213	50450	0.0167
56	Oct-18	2051	25.53	3017213	52362	0.0174
57	Oct-18	2128	26	3017213	55328	0.0183
58	Oct-18	1102	54.61	3017213	60180	0.0199
59	Oct-18	7229	8.46	3017213	61157	0.0203
60	Oct-18	2777	22.42	3017213	62260	0.0206
61	Oct-18	1734	37.16	3017213	64435	0.0214
62	Oct-18	1677	38.65	3017213	64816	0.0215
63	Oct-18	3575	18.93	3017213	67675	0.0224
64	Oct-18	4356	15.56	3017213	67779	0.0225
65	Oct-18	1840	37.77	3017213	69497	0.0230
66	Oct-18	2147	33.02	3017213	70894	0.0235
67	Oct-18	2871	24.81	3017213	71230	0.0236
68	Oct-18	4344	16.4	3017213	71242	0.0236
69	Oct-18	4010	18.16	3017213	72822	0.0241
70	Oct-18	3527	21.41	3017213	75513	0.0250
71	Oct-18	3885	19.58	3017213	76068	0.0252
72	Oct-18	2964	26.36	3017213	78131	0.0259
73	Oct-18	2603	30.07	3017213	78272	0.0259
74	Oct-18	1901	41.67	3017213	79215	0.0263
75	Oct-18	4622	17.36	3017213	80238	0.0266
76	Oct-18	3636	23	3017213	83628	0.0277
77	Oct-18	9659	8.71	3017213	84130	0.0279
78	Oct-18	2726	31	3017213	84506	0.0280
79	Oct-18	1904	45.87	3017213	87336	0.0289
80	Oct-18	2886	31.18	3017213	89985	0.0298
81	Oct-18	2095	48.57	3017213	101754	0.0337
82	Oct-18	3950	28	3017213	110600	0.0367
83	Oct-18	2477	45.63	3017213	113026	0.0375
84	Oct-18	3951	29.21	3017213	115409	0.0383
85	Oct-18	8113	14.52	3017213	117801	0.0390
86	Oct-18	3111	39.46	3017213	122760	0.0407
87	Oct-18	3907	33.73	3017213	131783	0.0437
88	Oct-18	3191	43.16	3017213	137724	0.0456
89	Oct-18	3907	35.37	3017213	138191	0.0458
90	Oct-18	5160	26.82	3017213	138391	0.0459
91	Oct-18	5452	26	3017213	141752	0.0470
92	Oct-18	4650	31.39	3017213	145964	0.0484
93	Oct-18	5964	25.03	3017213	149279	0.0495
94	Oct-18	8806	19.86	3017213	174887	0.0580
95	Oct-18	1680	108	3017213	181440	0.0601
96	Oct-18	4428	42.17	3017213	186729	0.0619
97	Oct-18	4170	48.28	3017213	201328	0.0667
98	Oct-18	4491	45.48	3017213	204251	0.0677
99	Oct-18	4620	45.19	3017213	208778	0.0692
100	Oct-18	6367	34	3017213	216478	0.0717
101	Oct-18	8492	28.51	3017213	242107	0.0802
102	Oct-18	7219	44.41	3017213	320596	0.1063
103	Oct-18	10051	35.55	3017213	357313	0.1184

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)(ln minutes)
104	Oct-18	18498	23.44	3017213	433593	0.1437
105	Oct-18	5451	100.37	3017213	547117	0.1813
106	Oct-18	4044	170.73	3017213	690432	0.2288
107	Oct-18	39972	43.28	3017213	1729988	0.5734
108	Oct-18	3008	20.43	3017213	61453	0.0204
109	Oct-18	1	297	3017213	297	0.0001
110	Oct-18	1	894	3017213	894	0.0003
111	Oct-18	521	7	3017213	3647	0.0012
112	Oct-18	804	15	3017213	12060	0.0040
113	Oct-18	631	20.69	3017213	13055	0.0043
114	Oct-18	385	83	3017213	31955	0.0106
115	Oct-18	1491	51.5	3017213	76787	0.0254
116	Oct-18	857	173.14	3017213	148381	0.0492
117	Oct-18	11495	40.26	3017213	462789	0.1534
118	Oct-18	327	14.19	3017213	4640	0.0015
119	Oct-18	455	24.85	3017213	11307	0.0037
120	Oct-18	781	28.71	3017213	22423	0.0074
121	Oct-18	4249	9.71	3017213	41258	0.0137
122	Oct-18	5198	49.73	3017213	258497	0.0857
123	Oct-18	3780	6	3017213	22680	0.0075
124	Oct-18	1	10.8	3017213	11	0.0000
Total		383211	30.42	3017213	11658247	3.8639

Remark :

- 1 Customer served by Rinfra are 3017213 nos.
- 2 Number of feeders are 1166 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	Nov-18	1	25.2	3018220	25	0.0000
2	Nov-18	2	29.1	3018220	58	0.0000
3	Nov-18	5	36.6	3018220	183	0.0001
4	Nov-18	21	32	3018220	672	0.0002
5	Nov-18	146	17	3018220	2482	0.0008
6	Nov-18	272	12	3018220	3264	0.0011
7	Nov-18	265	20	3018220	5300	0.0018
8	Nov-18	490	17.73	3018220	8688	0.0029
9	Nov-18	565	17	3018220	9605	0.0032
10	Nov-18	530	19	3018220	10070	0.0033
11	Nov-18	410	25	3018220	10250	0.0034
12	Nov-18	525	26	3018220	13650	0.0045
13	Nov-18	2397	6	3018220	14382	0.0048
14	Nov-18	1607	9	3018220	14463	0.0048
15	Nov-18	2224	9	3018220	20016	0.0066
16	Nov-18	563	37.28	3018220	20989	0.0070
17	Nov-18	821	28.08	3018220	23054	0.0076
18	Nov-18	1093	23	3018220	25139	0.0083
19	Nov-18	3750	7	3018220	26250	0.0087
20	Nov-18	1726	18	3018220	31068	0.0103
21	Nov-18	1460	23	3018220	33580	0.0111
22	Nov-18	1237	27.87	3018220	34475	0.0114
23	Nov-18	1726	20	3018220	34520	0.0114
24	Nov-18	1164	30	3018220	34920	0.0116
25	Nov-18	1675	23.32	3018220	39061	0.0129
26	Nov-18	1874	23.53	3018220	44095	0.0146
27	Nov-18	2016	22	3018220	44352	0.0147
28	Nov-18	1093	41	3018220	44813	0.0148
29	Nov-18	1746	26.62	3018220	46479	0.0154
30	Nov-18	1654	29.55	3018220	48876	0.0162
31	Nov-18	1687	29.27	3018220	49378	0.0164
32	Nov-18	2068	28	3018220	57904	0.0192
33	Nov-18	3749	16.43	3018220	61596	0.0204
34	Nov-18	3415	18.35	3018220	62665	0.0208
35	Nov-18	5778	11	3018220	63558	0.0211
36	Nov-18	3050	21.9	3018220	66795	0.0221
37	Nov-18	2711	26	3018220	70486	0.0234
38	Nov-18	4185	17.38	3018220	72735	0.0241
39	Nov-18	1946	37.64	3018220	73247	0.0243
40	Nov-18	2014	36.5	3018220	73511	0.0244
41	Nov-18	2704	28	3018220	75712	0.0251
42	Nov-18	1742	47.1	3018220	82048	0.0272
43	Nov-18	2231	36.96	3018220	82458	0.0273
44	Nov-18	3060	28.42	3018220	86965	0.0288
45	Nov-18	2927	30.73	3018220	89947	0.0298
46	Nov-18	8572	11.06	3018220	94806	0.0314

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)
47	Nov-18	2886	34.19	3018220	98672	0.0327
48	Nov-18	2987	33.55	3018220	100214	0.0332
49	Nov-18	3749	27.44	3018220	102873	0.0341
50	Nov-18	2871	36	3018220	103356	0.0342
51	Nov-18	4981	23	3018220	114563	0.0380
52	Nov-18	3862	32.9	3018220	127060	0.0421
53	Nov-18	4598	28.17	3018220	129526	0.0429
54	Nov-18	5451	24	3018220	130824	0.0433
55	Nov-18	3951	33.21	3018220	131213	0.0435
56	Nov-18	2068	70.61	3018220	146021	0.0484
57	Nov-18	3738	42.28	3018220	158043	0.0524
58	Nov-18	4653	35.69	3018220	166066	0.0550
59	Nov-18	3951	44.61	3018220	176254	0.0584
60	Nov-18	7819	22.79	3018220	178195	0.0590
61	Nov-18	7444	25.73	3018220	191534	0.0635
62	Nov-18	5185	37.27	3018220	193245	0.0640
63	Nov-18	5623	36.44	3018220	204902	0.0679
64	Nov-18	5238	42	3018220	219996	0.0729
65	Nov-18	5654	42.99	3018220	243065	0.0805
66	Nov-18	2002	142	3018220	284284	0.0942
67	Nov-18	9554	42.4	3018220	405090	0.1342
68	Nov-18	9411	57.53	3018220	541415	0.1794
69	Nov-18	13408	40.48	3018220	542756	0.1798
70	Nov-18	15852	47.56	3018220	753921	0.2498
71	Nov-18	588	67.2	3018220	39514	0.0131
72	Nov-18	490	145.62	3018220	71354	0.0236
73	Nov-18	5418	30.43	3018220	164870	0.0546
74	Nov-18	5	35.04	3018220	175	0.0001
75	Nov-18	2276	19.84	3018220	45156	0.0150
76	Nov-18	1149	23.59	3018220	27105	0.0090
77	Nov-18	6663	14	3018220	93282	0.0309
Total		238422	32.27	3018220	7693133	2.55

Remark :

- 1 Customer served by Rinfra are 3018220 nos.
- 2 Number of feeders are 1167 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	Dec-18	4	25.05	3022846	100	0.0000
2	Dec-18	3	217.2	3022846	652	0.0002
3	Dec-18	48	34.16	3022846	1640	0.0005
4	Dec-18	123	16.06	3022846	1975	0.0007
5	Dec-18	175	15	3022846	2625	0.0009
6	Dec-18	152	21	3022846	3192	0.0011
7	Dec-18	294	11.6	3022846	3410	0.0011
8	Dec-18	225	16	3022846	3600	0.0012
9	Dec-18	316	14	3022846	4424	0.0015
10	Dec-18	833	6	3022846	4998	0.0017
11	Dec-18	455	18	3022846	8190	0.0027
12	Dec-18	502	17.81	3022846	8941	0.0030
13	Dec-18	665	15	3022846	9975	0.0033
14	Dec-18	428	27	3022846	11556	0.0038
15	Dec-18	848	14	3022846	11872	0.0039
16	Dec-18	848	16	3022846	13568	0.0045
17	Dec-18	1358	10.2	3022846	13852	0.0046
18	Dec-18	787	18.64	3022846	14670	0.0049
19	Dec-18	2032	8.51	3022846	17292	0.0057
20	Dec-18	248	74.08	3022846	18372	0.0061
21	Dec-18	804	23.1	3022846	18572	0.0061
22	Dec-18	3116	6	3022846	18696	0.0062
23	Dec-18	654	28.86	3022846	18874	0.0062
24	Dec-18	1577	13	3022846	20501	0.0068
25	Dec-18	1480	14.19	3022846	21001	0.0069
26	Dec-18	1767	12	3022846	21204	0.0070
27	Dec-18	618	35.26	3022846	21791	0.0072
28	Dec-18	2005	13	3022846	26065	0.0086
29	Dec-18	2830	9.26	3022846	26206	0.0087
30	Dec-18	1155	24.18	3022846	27928	0.0092
31	Dec-18	1130	27.11	3022846	30634	0.0101
32	Dec-18	1458	21.98	3022846	32047	0.0106
33	Dec-18	992	34	3022846	33728	0.0112
34	Dec-18	1130	30.23	3022846	34160	0.0113
35	Dec-18	1654	21	3022846	34734	0.0115
36	Dec-18	1803	20	3022846	36060	0.0119
37	Dec-18	1935	20	3022846	38700	0.0128
38	Dec-18	1761	22	3022846	38742	0.0128
39	Dec-18	766	56.23	3022846	43072	0.0142
40	Dec-18	1345	32.13	3022846	43215	0.0143
41	Dec-18	1837	23.57	3022846	43298	0.0143
42	Dec-18	2068	21	3022846	43428	0.0144
43	Dec-18	993	43.85	3022846	43543	0.0144
44	Dec-18	1938	23	3022846	44574	0.0147
45	Dec-18	1232	37.53	3022846	46237	0.0153
46	Dec-18	3143	14.86	3022846	46705	0.0155

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)
47	Dec-18	1311	36.54	3022846	47904	0.0158
48	Dec-18	1596	30.13	3022846	48087	0.0159
49	Dec-18	2295	21	3022846	48195	0.0159
50	Dec-18	3077	16	3022846	49232	0.0163
51	Dec-18	765	64.93	3022846	49671	0.0164
52	Dec-18	6679	8.63	3022846	57640	0.0191
53	Dec-18	2372	28.51	3022846	67626	0.0224
54	Dec-18	2732	26.87	3022846	73409	0.0243
55	Dec-18	1593	47.41	3022846	75524	0.0250
56	Dec-18	3649	24.2	3022846	88306	0.0292
57	Dec-18	3362	28.56	3022846	96019	0.0318
58	Dec-18	3626	27.55	3022846	99896	0.0330
59	Dec-18	2863	34.9	3022846	99919	0.0331
60	Dec-18	2140	50.4	3022846	107856	0.0357
61	Dec-18	4710	23	3022846	108330	0.0358
62	Dec-18	6823	16	3022846	109168	0.0361
63	Dec-18	4258	25.92	3022846	110367	0.0365
64	Dec-18	4378	28.4	3022846	124335	0.0411
65	Dec-18	5451	23	3022846	125373	0.0415
66	Dec-18	6977	18	3022846	125586	0.0415
67	Dec-18	2589	50.53	3022846	130822	0.0433
68	Dec-18	4710	29.13	3022846	137202	0.0454
69	Dec-18	6500	21.11	3022846	137215	0.0454
70	Dec-18	4983	30.01	3022846	149540	0.0495
71	Dec-18	10693	15.89	3022846	169912	0.0562
72	Dec-18	3940	46	3022846	181240	0.0600
73	Dec-18	9564	20.39	3022846	195010	0.0645
74	Dec-18	7009	28.04	3022846	196532	0.0650
75	Dec-18	8423	25.16	3022846	211923	0.0701
76	Dec-18	2674	81.03	3022846	216674	0.0717
77	Dec-18	8011	30.57	3022846	244896	0.0810
78	Dec-18	5475	45	3022846	246375	0.0815
79	Dec-18	3979	68.14	3022846	271129	0.0897
80	Dec-18	5435	57.93	3022846	314850	0.1042
81	Dec-18	686	18	3022846	12348	0.0041
82	Dec-18	2267	35.71	3022846	80955	0.0268
83	Dec-18	4911	37.38	3022846	183573	0.0607
84	Dec-18	116	18.27	3022846	2119	0.0007
Total		214157	27.10	3022846	5803378	1.92

Remark :

- 1 Customer served by Rinfra are 3022846 nos.
- 2 Number of feeders are 1168 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)

Name of Distribution Licensee: Adani Electricity Mumbai Limited
Period: October 2018 to December-2018

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	Oct-18	1	1	3017213	0.0000
2	Oct-18	14	14	3017213	0.0000
3	Oct-18	70	70	3017213	0.0000
4	Oct-18	107	107	3017213	0.0000
5	Oct-18	141	141	3017213	0.0000
6	Oct-18	233	233	3017213	0.0001
7	Oct-18	305	305	3017213	0.0001
8	Oct-18	85	85	3017213	0.0000
9	Oct-18	241	241	3017213	0.0001
10	Oct-18	531	531	3017213	0.0002
11	Oct-18	146	146	3017213	0.0000
12	Oct-18	1000	1000	3017213	0.0003
13	Oct-18	422	422	3017213	0.0001
14	Oct-18	928	928	3017213	0.0003
15	Oct-18	394	394	3017213	0.0001
16	Oct-18	2435	2435	3017213	0.0008
17	Oct-18	537	537	3017213	0.0002
18	Oct-18	2234	2234	3017213	0.0007
19	Oct-18	1029	1029	3017213	0.0003
20	Oct-18	635	635	3017213	0.0002
21	Oct-18	878	878	3017213	0.0003
22	Oct-18	1319	1319	3017213	0.0004
23	Oct-18	804	804	3017213	0.0003
24	Oct-18	923	923	3017213	0.0003
25	Oct-18	611	611	3017213	0.0002
26	Oct-18	1263	1263	3017213	0.0004
27	Oct-18	2298	2298	3017213	0.0008
28	Oct-18	2993	2993	3017213	0.0010
29	Oct-18	1337	1337	3017213	0.0004
30	Oct-18	2823	2823	3017213	0.0009
31	Oct-18	2124	2124	3017213	0.0007
32	Oct-18	4294	4294	3017213	0.0014
33	Oct-18	2973	2973	3017213	0.0010
34	Oct-18	1298	1298	3017213	0.0004
35	Oct-18	559	559	3017213	0.0002
36	Oct-18	2807	2807	3017213	0.0009
37	Oct-18	1164	1164	3017213	0.0004
38	Oct-18	1274	1274	3017213	0.0004
39	Oct-18	1669	1669	3017213	0.0006
40	Oct-18	1968	1968	3017213	0.0007
41	Oct-18	3596	3596	3017213	0.0012

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)
42	Oct-18	1460	1460	3017213	0.0005
43	Oct-18	1934	1934	3017213	0.0006
44	Oct-18	1508	1508	3017213	0.0005
45	Oct-18	3015	3015	3017213	0.0010
46	Oct-18	1014	1014	3017213	0.0003
47	Oct-18	1823	1823	3017213	0.0006
48	Oct-18	1529	1529	3017213	0.0005
49	Oct-18	2376	2376	3017213	0.0008
50	Oct-18	4845	4845	3017213	0.0016
51	Oct-18	1972	1972	3017213	0.0007
52	Oct-18	2021	2021	3017213	0.0007
53	Oct-18	2376	2376	3017213	0.0008
54	Oct-18	4501	4501	3017213	0.0015
55	Oct-18	2018	2018	3017213	0.0007
56	Oct-18	2051	2051	3017213	0.0007
57	Oct-18	2128	2128	3017213	0.0007
58	Oct-18	1102	1102	3017213	0.0004
59	Oct-18	7229	7229	3017213	0.0024
60	Oct-18	2777	2777	3017213	0.0009
61	Oct-18	1734	1734	3017213	0.0006
62	Oct-18	1677	1677	3017213	0.0006
63	Oct-18	3575	3575	3017213	0.0012
64	Oct-18	4356	4356	3017213	0.0014
65	Oct-18	1840	1840	3017213	0.0006
66	Oct-18	2147	2147	3017213	0.0007
67	Oct-18	2871	2871	3017213	0.0010
68	Oct-18	4344	4344	3017213	0.0014
69	Oct-18	4010	4010	3017213	0.0013
70	Oct-18	3527	3527	3017213	0.0012
71	Oct-18	3885	3885	3017213	0.0013
72	Oct-18	2964	2964	3017213	0.0010
73	Oct-18	2603	2603	3017213	0.0009
74	Oct-18	1901	1901	3017213	0.0006
75	Oct-18	4622	4622	3017213	0.0015
76	Oct-18	3636	3636	3017213	0.0012
77	Oct-18	9659	9659	3017213	0.0032
78	Oct-18	2726	2726	3017213	0.0009
79	Oct-18	1904	1904	3017213	0.0006
80	Oct-18	2886	2886	3017213	0.0010
81	Oct-18	2095	2095	3017213	0.0007
82	Oct-18	3950	3950	3017213	0.0013
83	Oct-18	2477	2477	3017213	0.0008
84	Oct-18	3951	3951	3017213	0.0013
85	Oct-18	8113	8113	3017213	0.0027
86	Oct-18	3111	3111	3017213	0.0010
87	Oct-18	3907	3907	3017213	0.0013
88	Oct-18	3191	3191	3017213	0.0011
89	Oct-18	3907	3907	3017213	0.0013
90	Oct-18	5160	5160	3017213	0.0017
91	Oct-18	5452	5452	3017213	0.0018
92	Oct-18	4650	4650	3017213	0.0015
93	Oct-18	5964	5964	3017213	0.0020

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)
94	Oct-18	8806	8806	3017213	0.0029
95	Oct-18	1680	1680	3017213	0.0006
96	Oct-18	4428	4428	3017213	0.0015
97	Oct-18	4170	4170	3017213	0.0014
98	Oct-18	4491	4491	3017213	0.0015
99	Oct-18	4620	4620	3017213	0.0015
100	Oct-18	6367	6367	3017213	0.0021
101	Oct-18	8492	8492	3017213	0.0028
102	Oct-18	7219	7219	3017213	0.0024
103	Oct-18	10051	10051	3017213	0.0033
104	Oct-18	18498	18498	3017213	0.0061
105	Oct-18	5451	5451	3017213	0.0018
106	Oct-18	4044	4044	3017213	0.0013
107	Oct-18	39972	39972	3017213	0.0132
108	Oct-18	3008	3008	3017213	0.0010
109	Oct-18	1	1	3017213	0.0000
110	Oct-18	1	1	3017213	0.0000
111	Oct-18	521	521	3017213	0.0002
112	Oct-18	804	804	3017213	0.0003
113	Oct-18	631	631	3017213	0.0002
114	Oct-18	385	385	3017213	0.0001
115	Oct-18	1491	1491	3017213	0.0005
116	Oct-18	857	857	3017213	0.0003
117	Oct-18	11495	11495	3017213	0.0038
118	Oct-18	327	327	3017213	0.0001
119	Oct-18	455	455	3017213	0.0002
120	Oct-18	781	781	3017213	0.0003
121	Oct-18	4249	4249	3017213	0.0014
122	Oct-18	5198	5198	3017213	0.0017
123	Oct-18	3780	3780	3017213	0.0013
124	Oct-18	1	1	3017213	0.0000
Total		383211	383211	3017213	0.1270

Remark :

1 Customer served by Rinfra are 3014468 nos.

2 Number of feeders are 1166 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	Nov-18	1	1	3018220	0.0000
2	Nov-18	2	2	3018220	0.0000
3	Nov-18	5	5	3018220	0.0000
4	Nov-18	21	21	3018220	0.0000
5	Nov-18	146	146	3018220	0.0000
6	Nov-18	272	272	3018220	0.0001
7	Nov-18	265	265	3018220	0.0001
8	Nov-18	490	490	3018220	0.0002
9	Nov-18	565	565	3018220	0.0002
10	Nov-18	530	530	3018220	0.0002
11	Nov-18	410	410	3018220	0.0001
12	Nov-18	525	525	3018220	0.0002
13	Nov-18	2397	2397	3018220	0.0008
14	Nov-18	1607	1607	3018220	0.0005
15	Nov-18	2224	2224	3018220	0.0007
16	Nov-18	563	563	3018220	0.0002
17	Nov-18	821	821	3018220	0.0003
18	Nov-18	1093	1093	3018220	0.0004
19	Nov-18	3750	3750	3018220	0.0012
20	Nov-18	1726	1726	3018220	0.0006
21	Nov-18	1460	1460	3018220	0.0005
22	Nov-18	1237	1237	3018220	0.0004
23	Nov-18	1726	1726	3018220	0.0006
24	Nov-18	1164	1164	3018220	0.0004
25	Nov-18	1675	1675	3018220	0.0006
26	Nov-18	1874	1874	3018220	0.0006
27	Nov-18	2016	2016	3018220	0.0007
28	Nov-18	1093	1093	3018220	0.0004
29	Nov-18	1746	1746	3018220	0.0006
30	Nov-18	1654	1654	3018220	0.0005
31	Nov-18	1687	1687	3018220	0.0006
32	Nov-18	2068	2068	3018220	0.0007
33	Nov-18	3749	3749	3018220	0.0012
34	Nov-18	3415	3415	3018220	0.0011
35	Nov-18	5778	5778	3018220	0.0019
36	Nov-18	3050	3050	3018220	0.0010
37	Nov-18	2711	2711	3018220	0.0009
38	Nov-18	4185	4185	3018220	0.0014
39	Nov-18	1946	1946	3018220	0.0006
40	Nov-18	2014	2014	3018220	0.0007
41	Nov-18	2704	2704	3018220	0.0009

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)
42	Nov-18	1742	1742	3018220	0.0006
43	Nov-18	2231	2231	3018220	0.0007
44	Nov-18	3060	3060	3018220	0.0010
45	Nov-18	2927	2927	3018220	0.0010
46	Nov-18	8572	8572	3018220	0.0028
47	Nov-18	2886	2886	3018220	0.0010
48	Nov-18	2987	2987	3018220	0.0010
49	Nov-18	3749	3749	3018220	0.0012
50	Nov-18	2871	2871	3018220	0.0010
51	Nov-18	4981	4981	3018220	0.0017
52	Nov-18	3862	3862	3018220	0.0013
53	Nov-18	4598	4598	3018220	0.0015
54	Nov-18	5451	5451	3018220	0.0018
55	Nov-18	3951	3951	3018220	0.0013
56	Nov-18	2068	2068	3018220	0.0007
57	Nov-18	3738	3738	3018220	0.0012
58	Nov-18	4653	4653	3018220	0.0015
59	Nov-18	3951	3951	3018220	0.0013
60	Nov-18	7819	7819	3018220	0.0026
61	Nov-18	7444	7444	3018220	0.0025
62	Nov-18	5185	5185	3018220	0.0017
63	Nov-18	5623	5623	3018220	0.0019
64	Nov-18	5238	5238	3018220	0.0017
65	Nov-18	5654	5654	3018220	0.0019
66	Nov-18	2002	2002	3018220	0.0007
67	Nov-18	9554	9554	3018220	0.0032
68	Nov-18	9411	9411	3018220	0.0031
69	Nov-18	13408	13408	3018220	0.0044
70	Nov-18	15852	15852	3018220	0.0053
71	Nov-18	588	588	3018220	0.0002
72	Nov-18	490	490	3018220	0.0002
73	Nov-18	5418	5418	3018220	0.0018
74	Nov-18	5	5	3018220	0.0000
75	Nov-18	2276	2276	3018220	0.0008
76	Nov-18	1149	1149	3018220	0.0004
77	Nov-18	6663	6663	3018220	0.0022
Total		238422	238422	3018220	0.0790

Remark :

- 1 Customer served by Rinfra are 3018220 nos.
- 2 Number of feeders are 1167 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	Dec-18	4	4	3022846	0.0000
2	Dec-18	3	3	3022846	0.0000
3	Dec-18	48	48	3022846	0.0000
4	Dec-18	123	123	3022846	0.0000
5	Dec-18	175	175	3022846	0.0001
6	Dec-18	152	152	3022846	0.0001
7	Dec-18	294	294	3022846	0.0001
8	Dec-18	225	225	3022846	0.0001
9	Dec-18	316	316	3022846	0.0001
10	Dec-18	833	833	3022846	0.0003
11	Dec-18	455	455	3022846	0.0002
12	Dec-18	502	502	3022846	0.0002
13	Dec-18	665	665	3022846	0.0002
14	Dec-18	428	428	3022846	0.0001
15	Dec-18	848	848	3022846	0.0003
16	Dec-18	848	848	3022846	0.0003
17	Dec-18	1358	1358	3022846	0.0004
18	Dec-18	787	787	3022846	0.0003
19	Dec-18	2032	2032	3022846	0.0007
20	Dec-18	248	248	3022846	0.0001
21	Dec-18	804	804	3022846	0.0003
22	Dec-18	3116	3116	3022846	0.0010
23	Dec-18	654	654	3022846	0.0002
24	Dec-18	1577	1577	3022846	0.0005
25	Dec-18	1480	1480	3022846	0.0005
26	Dec-18	1767	1767	3022846	0.0006
27	Dec-18	618	618	3022846	0.0002
28	Dec-18	2005	2005	3022846	0.0007
29	Dec-18	2830	2830	3022846	0.0009
30	Dec-18	1155	1155	3022846	0.0004
31	Dec-18	1130	1130	3022846	0.0004
32	Dec-18	1458	1458	3022846	0.0005
33	Dec-18	992	992	3022846	0.0003
34	Dec-18	1130	1130	3022846	0.0004
35	Dec-18	1654	1654	3022846	0.0005
36	Dec-18	1803	1803	3022846	0.0006
37	Dec-18	1935	1935	3022846	0.0006
38	Dec-18	1761	1761	3022846	0.0006
39	Dec-18	766	766	3022846	0.0003
40	Dec-18	1345	1345	3022846	0.0004
41	Dec-18	1837	1837	3022846	0.0006

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)
42	Dec-18	2068	2068	3022846	0.0007
43	Dec-18	993	993	3022846	0.0003
44	Dec-18	1938	1938	3022846	0.0006
45	Dec-18	1232	1232	3022846	0.0004
46	Dec-18	3143	3143	3022846	0.0010
47	Dec-18	1311	1311	3022846	0.0004
48	Dec-18	1596	1596	3022846	0.0005
49	Dec-18	2295	2295	3022846	0.0008
50	Dec-18	3077	3077	3022846	0.0010
51	Dec-18	765	765	3022846	0.0003
52	Dec-18	6679	6679	3022846	0.0022
53	Dec-18	2372	2372	3022846	0.0008
54	Dec-18	2732	2732	3022846	0.0009
55	Dec-18	1593	1593	3022846	0.0005
56	Dec-18	3649	3649	3022846	0.0012
57	Dec-18	3362	3362	3022846	0.0011
58	Dec-18	3626	3626	3022846	0.0012
59	Dec-18	2863	2863	3022846	0.0009
60	Dec-18	2140	2140	3022846	0.0007
61	Dec-18	4710	4710	3022846	0.0016
62	Dec-18	6823	6823	3022846	0.0023
63	Dec-18	4258	4258	3022846	0.0014
64	Dec-18	4378	4378	3022846	0.0014
65	Dec-18	5451	5451	3022846	0.0018
66	Dec-18	6977	6977	3022846	0.0023
67	Dec-18	2589	2589	3022846	0.0009
68	Dec-18	4710	4710	3022846	0.0016
69	Dec-18	6500	6500	3022846	0.0022
70	Dec-18	4983	4983	3022846	0.0016
71	Dec-18	10693	10693	3022846	0.0035
72	Dec-18	3940	3940	3022846	0.0013
73	Dec-18	9564	9564	3022846	0.0032
74	Dec-18	7009	7009	3022846	0.0023
75	Dec-18	8423	8423	3022846	0.0028
76	Dec-18	2674	2674	3022846	0.0009
77	Dec-18	8011	8011	3022846	0.0027
78	Dec-18	5475	5475	3022846	0.0018
79	Dec-18	3979	3979	3022846	0.0013
80	Dec-18	5435	5435	3022846	0.0018
81	Dec-18	686	686	3022846	0.0002
82	Dec-18	2267	2267	3022846	0.0007
83	Dec-18	4911	4911	3022846	0.0016
84	Dec-18	116	116	3022846	0.0000
Total		214157	214157	3022846	0.0708

Remark :

- 1 Customer served by Rinfra are 3022846 nos.
- 2 Number of feeders are 1168 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)

Name of Distribution Licensee: Adani Electricity Mumbai Limited
Period: October 2018 to December-2018

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
(1)	(2)	(3)	(4)	(5)
1	Oct-18	0.0000	0.0000	24
2	Oct-18	0.0001	0.0000	26.01
3	Oct-18	0.0002	0.0000	7
4	Oct-18	0.0004	0.0000	10
5	Oct-18	0.0005	0.0000	10
6	Oct-18	0.0007	0.0001	8.61
7	Oct-18	0.0007	0.0001	7
8	Oct-18	0.0008	0.0000	28.73
9	Oct-18	0.0012	0.0001	15
10	Oct-18	0.0016	0.0002	9
11	Oct-18	0.0017	0.0000	36.03
12	Oct-18	0.0027	0.0003	8.06
13	Oct-18	0.0029	0.0001	21
14	Oct-18	0.0030	0.0003	9.65
15	Oct-18	0.0046	0.0001	34.92
16	Oct-18	0.0048	0.0008	6
17	Oct-18	0.0050	0.0002	27.98
18	Oct-18	0.0052	0.0007	7.01
19	Oct-18	0.0055	0.0003	16.1
20	Oct-18	0.0061	0.0002	29
21	Oct-18	0.0063	0.0003	21.54
22	Oct-18	0.0066	0.0004	15
23	Oct-18	0.0070	0.0003	26.11
24	Oct-18	0.0075	0.0003	24.43
25	Oct-18	0.0075	0.0002	37
26	Oct-18	0.0075	0.0004	18
27	Oct-18	0.0077	0.0008	10.06
28	Oct-18	0.0079	0.0010	8
29	Oct-18	0.0081	0.0004	18.19
30	Oct-18	0.0084	0.0009	9
31	Oct-18	0.0084	0.0007	12
32	Oct-18	0.0085	0.0014	6
33	Oct-18	0.0089	0.0010	9
34	Oct-18	0.0095	0.0004	22
35	Oct-18	0.0096	0.0002	51.83
36	Oct-18	0.0103	0.0009	11.08
37	Oct-18	0.0106	0.0004	27.35
38	Oct-18	0.0112	0.0004	26.51
39	Oct-18	0.0116	0.0006	21
40	Oct-18	0.0118	0.0007	18.07
41	Oct-18	0.0124	0.0012	10.42
42	Oct-18	0.0126	0.0005	26
43	Oct-18	0.0128	0.0006	20
44	Oct-18	0.0128	0.0005	25.69
45	Oct-18	0.0132	0.0010	13.24
46	Oct-18	0.0138	0.0003	41
47	Oct-18	0.0139	0.0006	23
48	Oct-18	0.0139	0.0005	27.43
49	Oct-18	0.0144	0.0008	18.31
50	Oct-18	0.0147	0.0016	9.14
51	Oct-18	0.0150	0.0007	22.95

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
52	Oct-18	0.0158	0.0007	23.56
53	Oct-18	0.0160	0.0008	20.36
54	Oct-18	0.0164	0.0015	11
55	Oct-18	0.0167	0.0007	25
56	Oct-18	0.0174	0.0007	25.53
57	Oct-18	0.0183	0.0007	26
58	Oct-18	0.0199	0.0004	54.61
59	Oct-18	0.0203	0.0024	8.46
60	Oct-18	0.0206	0.0009	22.42
61	Oct-18	0.0214	0.0006	37.16
62	Oct-18	0.0215	0.0006	38.65
63	Oct-18	0.0224	0.0012	18.93
64	Oct-18	0.0225	0.0014	15.56
65	Oct-18	0.0230	0.0006	37.77
66	Oct-18	0.0235	0.0007	33.02
67	Oct-18	0.0236	0.0010	24.81
68	Oct-18	0.0236	0.0014	16.4
69	Oct-18	0.0241	0.0013	18.16
70	Oct-18	0.0250	0.0012	21.41
71	Oct-18	0.0252	0.0013	19.58
72	Oct-18	0.0259	0.0010	26.36
73	Oct-18	0.0259	0.0009	30.07
74	Oct-18	0.0263	0.0006	41.67
75	Oct-18	0.0266	0.0015	17.36
76	Oct-18	0.0277	0.0012	23
77	Oct-18	0.0279	0.0032	8.71
78	Oct-18	0.0280	0.0009	31
79	Oct-18	0.0289	0.0006	45.87
80	Oct-18	0.0298	0.0010	31.18
81	Oct-18	0.0337	0.0007	48.57
82	Oct-18	0.0367	0.0013	28
83	Oct-18	0.0375	0.0008	45.63
84	Oct-18	0.0383	0.0013	29.21
85	Oct-18	0.0390	0.0027	14.52
86	Oct-18	0.0407	0.0010	39.46
87	Oct-18	0.0437	0.0013	33.73
88	Oct-18	0.0456	0.0011	43.16
89	Oct-18	0.0458	0.0013	35.37
90	Oct-18	0.0459	0.0017	26.82
91	Oct-18	0.0470	0.0018	26
92	Oct-18	0.0484	0.0015	31.39
93	Oct-18	0.0495	0.0020	25.03
94	Oct-18	0.0580	0.0029	19.86
95	Oct-18	0.0601	0.0006	108
96	Oct-18	0.0619	0.0015	42.17
97	Oct-18	0.0667	0.0014	48.28
98	Oct-18	0.0677	0.0015	45.48
99	Oct-18	0.0692	0.0015	45.19
100	Oct-18	0.0717	0.0021	34
101	Oct-18	0.0802	0.0028	28.51
102	Oct-18	0.1063	0.0024	44.41
103	Oct-18	0.1184	0.0033	35.55
104	Oct-18	0.1437	0.0061	23.44
105	Oct-18	0.1813	0.0018	100.37
106	Oct-18	0.2288	0.0013	170.73
	Oct-18	0.5734	0.0132	43.28
	Oct-18	0.0204	0.0010	20.43
107	Oct-18	0.0001	0.0000	297
108	Oct-18	0.0003	0.0000	894
109	Oct-18	0.0012	0.0002	7
110	Oct-18	0.0040	0.0003	15
111	Oct-18	0.0043	0.0002	20.69

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
112	Oct-18	0.0106	0.0001	83
113	Oct-18	0.0254	0.0005	51.5
114	Oct-18	0.0492	0.0003	173.14
115	Oct-18	0.1534	0.0038	40.26
116	Oct-18	0.0015	0.0001	14.19
117	Oct-18	0.0037	0.0002	24.85
118	Oct-18	0.0074	0.0003	28.71
119	Oct-18	0.0137	0.0014	9.71
120	Oct-18	0.0857	0.0017	49.73
121	Oct-18	0.0075	0.0013	6
122	Oct-18	0.0000	0.0000	10.8
Total		3.8639	0.1270	30.42

Remark :

- 1 Customer served by Rinfra are 3017213 nos.
- 2 Number of feeders are 1166 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	Nov-18	0.0000	0.0000	25.2
2	Nov-18	0.0000	0.0000	29.1
3	Nov-18	0.0001	0.0000	36.6
4	Nov-18	0.0002	0.0000	32
5	Nov-18	0.0008	0.0000	17
6	Nov-18	0.0011	0.0001	12
7	Nov-18	0.0018	0.0001	20
8	Nov-18	0.0029	0.0002	17.73
9	Nov-18	0.0032	0.0002	17
10	Nov-18	0.0033	0.0002	19
11	Nov-18	0.0034	0.0001	25
12	Nov-18	0.0045	0.0002	26
13	Nov-18	0.0048	0.0008	6
14	Nov-18	0.0048	0.0005	9
15	Nov-18	0.0066	0.0007	9
16	Nov-18	0.0070	0.0002	37.28
17	Nov-18	0.0076	0.0003	28.08
18	Nov-18	0.0083	0.0004	23
19	Nov-18	0.0087	0.0012	7
20	Nov-18	0.0103	0.0006	18
21	Nov-18	0.0111	0.0005	23
22	Nov-18	0.0114	0.0004	27.87
23	Nov-18	0.0114	0.0006	20
24	Nov-18	0.0116	0.0004	30
25	Nov-18	0.0129	0.0006	23.32
26	Nov-18	0.0146	0.0006	23.53
27	Nov-18	0.0147	0.0007	22
28	Nov-18	0.0148	0.0004	41
29	Nov-18	0.0154	0.0006	26.62
30	Nov-18	0.0162	0.0005	29.55
31	Nov-18	0.0164	0.0006	29.27
32	Nov-18	0.0192	0.0007	28
33	Nov-18	0.0204	0.0012	16.43
34	Nov-18	0.0208	0.0011	18.35
35	Nov-18	0.0211	0.0019	11
36	Nov-18	0.0221	0.0010	21.9
37	Nov-18	0.0234	0.0009	26
38	Nov-18	0.0241	0.0014	17.38
39	Nov-18	0.0243	0.0006	37.64
40	Nov-18	0.0244	0.0007	36.5
41	Nov-18	0.0251	0.0009	28
42	Nov-18	0.0272	0.0006	47.1
43	Nov-18	0.0273	0.0007	36.96
44	Nov-18	0.0288	0.0010	28.42
45	Nov-18	0.0298	0.0010	30.73
46	Nov-18	0.0314	0.0028	11.06
47	Nov-18	0.0327	0.0010	34.19
48	Nov-18	0.0332	0.0010	33.55
49	Nov-18	0.0341	0.0012	27.44
50	Nov-18	0.0342	0.0010	36
51	Nov-18	0.0380	0.0017	23

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
52	Nov-18	0.0421	0.0013	32.9
53	Nov-18	0.0429	0.0015	28.17
54	Nov-18	0.0433	0.0018	24
55	Nov-18	0.0435	0.0013	33.21
56	Nov-18	0.0484	0.0007	70.61
57	Nov-18	0.0524	0.0012	42.28
58	Nov-18	0.0550	0.0015	35.69
59	Nov-18	0.0584	0.0013	44.61
60	Nov-18	0.0590	0.0026	22.79
61	Nov-18	0.0635	0.0025	25.73
62	Nov-18	0.0640	0.0017	37.27
63	Nov-18	0.0679	0.0019	36.44
64	Nov-18	0.0729	0.0017	42
65	Nov-18	0.0805	0.0019	42.99
66	Nov-18	0.0942	0.0007	142
67	Nov-18	0.1342	0.0032	42.4
68	Nov-18	0.1794	0.0031	57.53
69	Nov-18	0.1798	0.0044	40.48
70	Nov-18	0.2498	0.0053	47.56
71	Nov-18	0.0131	0.0002	67.2
72	Nov-18	0.0236	0.0002	145.62
73	Nov-18	0.0546	0.0018	30.43
74	Nov-18	0.0001	0.0000	35.04
75	Nov-18	0.0150	0.0008	19.84
76	Nov-18	0.0090	0.0004	23.59
77	Nov-18	0.0309	0.0022	14
Total		2.5489	0.0790	32.27

Remark :

- 1 Customer served by Rinfra are 3018220 nos.
- 2 Number of feeders are 1167 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	Dec-18	0.00003	0.00000	25.05
2	Dec-18	0.00022	0.00000	217.2
3	Dec-18	0.00054	0.00002	34.16
4	Dec-18	0.00065	0.00004	16.06
5	Dec-18	0.00087	0.00006	15
6	Dec-18	0.00106	0.00005	21
7	Dec-18	0.00113	0.00010	11.6
8	Dec-18	0.00119	0.00007	16
9	Dec-18	0.00146	0.00010	14
10	Dec-18	0.00165	0.00028	6
11	Dec-18	0.00271	0.00015	18
12	Dec-18	0.00296	0.00017	17.81
13	Dec-18	0.00330	0.00022	15
14	Dec-18	0.00382	0.00014	27
15	Dec-18	0.00393	0.00028	14
16	Dec-18	0.00449	0.00028	16
17	Dec-18	0.00458	0.00045	10.2
18	Dec-18	0.00485	0.00026	18.64
19	Dec-18	0.00572	0.00067	8.51
20	Dec-18	0.00608	0.00008	74.08
21	Dec-18	0.00614	0.00027	23.1
22	Dec-18	0.00618	0.00103	6
23	Dec-18	0.00624	0.00022	28.86
24	Dec-18	0.00678	0.00052	13
25	Dec-18	0.00695	0.00049	14.19
26	Dec-18	0.00701	0.00058	12
27	Dec-18	0.00721	0.00020	35.26
28	Dec-18	0.00862	0.00066	13
29	Dec-18	0.00867	0.00094	9.26
30	Dec-18	0.00924	0.00038	24.18
31	Dec-18	0.01013	0.00037	27.11
32	Dec-18	0.01060	0.00048	21.98
33	Dec-18	0.01116	0.00033	34
34	Dec-18	0.01130	0.00037	30.23
35	Dec-18	0.01149	0.00055	21
36	Dec-18	0.01193	0.00060	20
37	Dec-18	0.01280	0.00064	20
38	Dec-18	0.01282	0.00058	22
39	Dec-18	0.01425	0.00025	56.23
40	Dec-18	0.01430	0.00044	32.13
41	Dec-18	0.01432	0.00061	23.57
42	Dec-18	0.01437	0.00068	21
43	Dec-18	0.01440	0.00033	43.85
44	Dec-18	0.01475	0.00064	23
45	Dec-18	0.01530	0.00041	37.53
46	Dec-18	0.01545	0.00104	14.86
47	Dec-18	0.01585	0.00043	36.54
48	Dec-18	0.01591	0.00053	30.13
49	Dec-18	0.01594	0.00076	21
50	Dec-18	0.01629	0.00102	16
51	Dec-18	0.01643	0.00025	64.93

Sr.No.	Month	SAIDI	SAIFI	SAIDI/SAIFI (CAIDI in Minutes)
52	Dec-18	0.01907	0.00221	8.63
53	Dec-18	0.02237	0.00078	28.51
54	Dec-18	0.02428	0.00090	26.87
55	Dec-18	0.02498	0.00053	47.41
56	Dec-18	0.02921	0.00121	24.2
57	Dec-18	0.03176	0.00111	28.56
58	Dec-18	0.03305	0.00120	27.55
59	Dec-18	0.03305	0.00095	34.9
60	Dec-18	0.03568	0.00071	50.4
61	Dec-18	0.03584	0.00156	23
62	Dec-18	0.03611	0.00226	16
63	Dec-18	0.03651	0.00141	25.92
64	Dec-18	0.04113	0.00145	28.4
65	Dec-18	0.04148	0.00180	23
66	Dec-18	0.04155	0.00231	18
67	Dec-18	0.04328	0.00086	50.53
68	Dec-18	0.04539	0.00156	29.13
69	Dec-18	0.04539	0.00215	21.11
70	Dec-18	0.04947	0.00165	30.01
71	Dec-18	0.05621	0.00354	15.89
72	Dec-18	0.05996	0.00130	46
73	Dec-18	0.06451	0.00316	20.39
74	Dec-18	0.06502	0.00232	28.04
75	Dec-18	0.07011	0.00279	25.16
76	Dec-18	0.07168	0.00088	81.03
77	Dec-18	0.08102	0.00265	30.57
78	Dec-18	0.08150	0.00181	45
79	Dec-18	0.08969	0.00132	68.14
80	Dec-18	0.10416	0.00180	57.93
81	Dec-18	0.00408	0.00023	18
82	Dec-18	0.02678	0.00075	35.71
83	Dec-18	0.06073	0.00162	37.38
84	Dec-18	0.00070	0.00004	18.27
Total		1.91984	0.07085	27.10

Remark :

- 1 Customer served by Rinfra are 3022846 nos.
- 2 Number of feeders are 1168 Nos.