

केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
वितरण प्रबोधन प्रभाग
Distribution Monitoring Division
Room No-629 North, 6th Floor, Sewa Bhawan, R K Puram, New Delhi
कमरा संख्या 629 (उत्तर, छाता तल, सेवा भवन, आर के पुरम, नई दिल्ली)

No-04/03/CEA/DM (RI-Fy2018-19)/ 2021

Date: 12/01/2022

Subject: - Compiled Report on Reliability Index (RI) for the Year 2018-19 :

Central Electricity Authority(CEA) in compliance with the provision of clause 5.13.2 of National Electricity Policy(NEP) is required to compile and publish the Reliability Index (RI) of supply of power to consumers as provided by the respective Discoms/Power departments(PDs) based on the formulations in the SOR of respective SERCs/JERC.

RI are to be compiled and published by CEA includes the various indices such as **System Average Interruption Frequency Index (SAIFI)**, **System Average Interruption Duration Index (SAIDI)**, **Consumer Average Interruption Frequency Index (CAIFI)**, **Consumer Average Interruption Duration Index (CAIDI)** and **Momentary Average Interruption Frequency Index (MAIFI)** etc as notified in the **Standard of Performance(SOP)** by SERCs/JERC for the respective Discoms and PDs of States /UTs in compliance to Section 57(1) of Electricity Act 2003. The calculated RI data , Circle/ Discoms wise as furnished by some (11Nos) Discoms/PDs in the prescribed Formats to CEA has been compiled in the report .

The compiled report of RI for the year 2018-19 is enclosed herewith. (RI data of other Discoms/PDs which are not shown have not been made available to CEA) :


(मंगल हेमब्रम)

RI of Discoms/PDs based on Consumers affected due to interruptions:

Name of State/Uts	Name of Discom/PDs	Name of circle/Area	Type of Circle/areas (Rural/Urban)	Month of reporting	Total Nos of feeders(U/R) in the circle/area	Total Nos of consumers(U/R) in the feeders in the circle/area	Nos of interruptions(>3min/5min/10 min)	Duration of interruptions considered(>3min/5min/10 min)	Nos of consumer in affected feeders	SAIFI=Number of interruptions /consumer	SAIDI = (Minutes /consumer)	CAIDI Minutes	Nos of momentary Interruptions (<3min/5min/10 min)@	Nos of consumer in interrupted feeders	MAIFI
					Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	$\sum Ti * Ci / Ct$	$\sum Ti / S$	Mi		$\sum Mi * Ci / Ct$
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Apr-18	305	605394	24	2925	48555	1.92	234.60	121.88	37	36520	2.23
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Apr-18	290	102838	6	855	19220	1.12	159.80	142.50	14	24400	3.32
Punjab	PSPCL	Suburban/Border Zone	Urban	Apr-18	255	417318	880	84356	129741	273.59	26225.64	95.86	1758	100541	423.54
Punjab	PSPCL	Suburban/Border Zone	Rural	Apr-18	331	75312	1461	114729	31196	605.18	47523.45	78.53	1324	38474	676.38
Punjab	PSPCL	City/Border Zone	Urban	Apr-18	129	209622	645	89800	192912	593.58	82641.60	139.22	556	192912	511.68
Punjab	PSPCL	City/Border Zone	Rural	Apr-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Apr-18	172	308141	360	90420	30814.1	36.00	9042.00	251.17	416	30814	41.60
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Apr-18	416	92755	497	120300	9276	49.70	12030.65	242.05	857	9276	85.70
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	May-18	305	606744	22	6180	48555	1.76	494.56	280.91	31	45620	2.33
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	May-18	290	102841	15	2910	5340	0.78	151.10	194.00	22	21860	4.68
Punjab	PSPCL	Suburban/Border Zone	Urban	May-18	257	417567	922	96385	139859	308.81	32282.99	104.54	1885	110587	499.22
Punjab	PSPCL	Suburban/Border Zone	Rural	May-18	336	75314	1020	115801	321254	4350.84	493952.45	113.53	1329	31559	556.89
Punjab	PSPCL	City/Border Zone	Urban	May-18	129	210148	486	55318	197611	457.01	52017.84	113.82	457	197611	429.74
Punjab	PSPCL	City/Border Zone	Rural	May-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	May-18	173	308935	587	94817	30893.5	58.70	9481.70	161.53	1417	30814	141.34

RI of Discoms/PDs based on Consumers affected due to interruptions:

Name of State/Uts	Name of Discom/PDs	Name of circle/Area	Type of Circle/areas (Rural/Urban)	Month of reporting	Total Nos of feeders(U/R) in the circle/area	Total Nos of consumers(U/R) in the circle/area	Nos of interruptions(>3min/5 min/10 min)	Duration of interruptions considered(> 3min/5min/10 min)	Nos of consumer in affected feeders	SAIFI=Number of interruptions /consumer	SAIDI = (Minutes /consumer)	CAIDI Minutes	Nos of momentary Interruptions (<3min/5min/10 min)@	Nos of consumer in interrupted feeders	MAIFI
						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/SA	Mi		$\sum Mi * Ci / Ct$
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	May-18	416	92757	722	222367	9276	72.20	2237.42	307.99	1741	9276	174.11
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Jun-18	305	607937	48	7380	72580	5.73	881.08	153.75	65	88210	9.43
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Jun-18	290	102919	36	7275	21930	7.67	1550.16	202.08	49	55765	26.55
Punjab	PSPCL	Suburban/Border Zone	Urban	Jun-18	258	417459	1875	185191	259859	1167.15	115277.30	98.77	2547	155470	948.55
Punjab	PSPCL	Suburban/Border Zone	Rural	Jun-18	336	75320	2063	208113	54584	1495.05	150818.37	100.88	1529	45559	924.85
Punjab	PSPCL	City/Border Zone	Urban	Jun-18	129	210699	730	75670	202856	702.83	72853.28	103.66	719	202856	692.24
Punjab	PSPCL	City/Border Zone	Rural	Jun-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Jun-18	173	309908	747	143760	61982	149.40	28752.00	192.45	1959	30990.8	195.90
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Jun-18	418	92776	1294	343980	18555	258.80	68796.00	265.83	2735	9277.6	273.50
Punjab	PSPCL	Data not furnished for July and August 2018													
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Sep-18	307	615429	27	8285	45520	2.00	612.80	306.85	63	74172	7.59
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Sep-18	289	103419	22	4620	10320	2.20	461.02	210.00	37	11093	3.97
Punjab	PSPCL	Suburban/Border Zone	Urban	Sep-18	261	419118	904	117634	125786	271.31	35304.40	130.13	2786	42274	281.01
Punjab	PSPCL	Suburban/Border Zone	Rural	Sep-18	337	75486	2140	256590	10248	290.53	34834.73	119.90	2170	10145	291.64
Punjab	PSPCL	City/Border Zone	Urban	Sep-18	131	211761	428	52566	195351	394.83	48492.50	122.82	573	195351	528.60
Punjab	PSPCL	City/Border Zone	Rural	Sep-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Sep-18	176	311725	673	43290	62345	134.60	8658.00	64.32	1227	31172.5	122.70
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Sep-18	420	93043	846	266780	15817	143.82	45352.60	315.34	2422	13026.02	339.08
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Oct-18	307	618462	43	9250	15622	1.09	233.65	215.12	65	75203	7.90
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Oct-18	289	103910	27	4630	10355	2.69	461.40	171.48	38	11093	4.06
Punjab	PSPCL	Suburban/Border Zone	Urban	Oct-18	262	420334	669	39645	69615	110.80	6565.94	59.26	1895	89541	403.68
Punjab	PSPCL	Suburban/Border Zone	Rural	Oct-18	337	75780	862	31540	12626	143.62	5255.00	36.59	1976	17584	458.51
Punjab	PSPCL	City/Border Zone	Urban	Oct-18	131	212267	382	52877	199599	359.20	49921.32	138.42	510	199599	479.56
Punjab	PSPCL	City/Border Zone	Rural	Oct-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Oct-18	176	312225	329	58140	62445	65.80	11628.00	176.72	1722	31222.5	172.20
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Oct-18	420	93827	1499	255180	15951	254.83	43380.60	170.23	2545	13135.78	356.30
Punjab	PSPCL	Data not furnished for November 2018													
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Dec-18	307	620847	47	11940	15114	1.14	290.67	254.04	82	52123	6.88
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Dec-18	289	105900	80	222320	10101	7.63	2128.94	279.00	172	5902	9.59
Punjab	PSPCL	Suburban/Border Zone	Urban	Dec-18	263	421925	487	28384	60874	70.26	4095.15	58.28	1637	78254	303.61
Punjab	PSPCL	Suburban/Border Zone	Rural	Dec-18	337	75915	914	31547	14084	169.57	5852.70	34.52	1554	16358	334.85
Punjab	PSPCL	City/Border Zone	Urban	Dec-18	132	213319	452	46523	202515	429.11	44166.74	102.93	520	202515	493.66
Punjab	PSPCL	City/Border Zone	Rural	Dec-18	0	0	0	0	0				0	0	
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Dec-18	176	312652	490	98520	62530.4	98.00	19704.00	201.06	1633	31265.2	163.30
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Dec-18	420	93951	895	330540	15971.67	152.15	56191.80	369.32	1964	13153.14	274.96

RI of Discoms/PDs based on Consumers affected due to interruptions:

Name of State/Uts	Name of Discom/PDs	Name of circle/Area	Type of Circle/areas (Rural/Urban)	Month of reporting	Total Nos of feeders(U/R) in the circle/area	Total Nos of consumers(U/R) in the feeders in the circle/area	Nos of interruptions(>3min/5 min/10 min)	Duration of interruptions considered(> 3min/5min/10 min)	Nos of consumer in affected feeders	SAIFI=Number of interruptions /consumer	SAIDI = (Minutes /consumer)	CAIDI Minutes	Nos of momentary Interruptions (<3min/5min/10 min)@	Nos of consumer in interrupted feeders	MAIFI
						Ct	Ni	Ti	Ci	$\Sigma Ni * Ci / Ni$	$\Sigma Ti * Ci / Ct$	SAIDI/S	Mi		$\Sigma Mi * Ci / Ct$
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Jan-19	307	621353	73	22672	16221	1.91	591.87	310.58	926.00	6517.00	9.71
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Jan-19	289	106828	120	24368	11125	12.50	2537.67	203.07	1255.00	6722.00	78.97
Punjab	PSPCL	Suburban/Border Zone	Urban	Jan-19	264	423203	471	25874	90574	100.80	5537.56	54.93	1218.00	75417.00	217.05
Punjab	PSPCL	Suburban/Border Zone	Rural	Jan-19	337	75945	835	27264	13547	148.95	4863.33	32.65	1523.00	15874.00	318.34
Punjab	PSPCL	City/Border Zone	Urban	Jan-19	132	213803	517	55100	199061	481.35	51300.78	106.58	400.00	199061.00	372.42
Punjab	PSPCL	City/Border Zone	Rural	Jan-19	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Jan-19	176	313182	578	133740	62636.4	115.60	26748.00	231.38	1911.00	31318.20	191.10
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Jan-19	420	93978	790	278400	15976.09	134.30	47327.50	352.41	2288.00	13156.78	320.32
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Feb-19	308	626782	294	20962	20131	9.44	673.26	71.30	852.00	7517.00	10.22
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Feb-19	289	102719	1241	12225	12209	147.50	1453.04	9.85	1312.00	6809.00	86.97
Punjab	PSPCL	Suburban/Border Zone	Urban	Feb-19	264	418669	125	22227	45258	13.51	2402.73	177.82	2451.00	54841.00	321.05
Punjab	PSPCL	Suburban/Border Zone	Rural	Feb-19	337	75955	87	21069	11241	12.88	3118.12	242.17	1518.00	14984.00	299.46
Punjab	PSPCL	City/Border Zone	Urban	Feb-19	132	213963	435	45093	197777	402.09	41681.78	103.66	536.00	197777.00	495.45
Punjab	PSPCL	City/Border Zone	Rural	Feb-19	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Feb-19	178	313300	399	88740	62660	79.80	17748.00	222.41	1894.00	31330.00	189.40
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Feb-19	420	94017	807	328080	15982.89	137.19	55773.60	406.54	1766.00	13162.38	247.24
Punjab	PSPCL	Gurdaspur/Border Zone	Urban	Mar-19	308	628720	301	21101	21131	10.12	709.20	70.10	913.00	7411.00	10.76
Punjab	PSPCL	Gurdaspur/Border Zone	Rural	Mar-19	289	103994	1298	12575	13106	163.58	1584.78	9.69	1415.00	5506.00	74.92
Punjab	PSPCL	Suburban/Border Zone	Urban	Mar-19	264	418964	64	16130	21258	3.25	818.43	252.03	1789.00	45741.00	195.32
Punjab	PSPCL	Suburban/Border Zone	Rural	Mar-19	337	75966	67	22745	10984	9.69	3288.72	339.48	1964.00	11584.00	299.49
Punjab	PSPCL	City/Border Zone	Urban	Mar-19	132	214504	321	25799	189179	283.10	22753.09	80.37	377.00	189179.00	332.49
Punjab	PSPCL	City/Border Zone	Rural	Mar-19	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Punjab	PSPCL	Tarn Taran /Border Zone	Urban	Mar-19	178	313667	329	32580	62733.4	65.80	6516.00	99.03	708.00	31366.70	70.80
Punjab	PSPCL	Tarn Taran /Border Zone	Rural	Mar-19	422	93896	824	116400	15962.32	140.08	19788.00	141.26	1813.00	13145.44	253.82
Punjab	PSPCL	East/Central Zone	Urban	Apr-18	299	280696	1134	22680	44058	177.99	3559.85	20.00	240.00	82360.00	70.42
Punjab	PSPCL	East/Central Zone	Rural	Apr-18	10	3658	38	215	670	6.96	39.38	5.66	8.00	1098.00	2.40
Punjab	PSPCL	West/Central Zone	Urban	Apr-18	366	383381	2160	23189.57	67578.31	380.74	4087.61	10.74	1540.00	40493.78	162.66
Punjab	PSPCL	West/Central Zone	Rural	Apr-18	18	5081	355	1168.5	6229	435.21	1432.51	3.29	333.00	5464.00	358.10
Punjab	PSPCL	Suburban/Central Zone	Urban	Apr-18	136	287287	437	74779	2731	4.15	710.86	171.12	1259.00	1445.00	6.33
Punjab	PSPCL	Suburban/Central Zone	Rural	Apr-18	271	68124	856	150908	590	7.41	1306.97	176.29	770.00	255.00	2.88
Punjab	PSPCL	Khann/Central Zone	Urban	Apr-18	227	138907	2517	119302.29	71368	1293.19	61295.44	47.40	2362.00	67293.00	1144.26
Punjab	PSPCL	Khann/Central Zone	Rural	Apr-18	364	216749	2610	99857.24	105767	1273.60	48727.33	38.26	2546.00	99087.00	1163.91
Punjab	PSPCL	East/Central Zone	Urban	May-18	299	282008	1267	27874	53581.52	240.73	5296.06	22.00	230.00	82957.00	67.66
Punjab	PSPCL	East/Central Zone	Rural	May-18	10	3658	30	209	694	5.69	39.65	6.97	6.00	1102.00	1.81
Punjab	PSPCL	West/Central Zone	Urban	May-18	368	383984	2256	25659.1	82521.59	484.83	5514.37	11.37	1101.00	47161.02	135.23
Punjab	PSPCL	West/Central Zone	Rural	May-18	18	5081	443	1464.58	6376	555.91	1837.86	3.31	282.00	5500.00	305.25
Punjab	PSPCL	Suburban/Central Zone	Urban	May-18	137	287287	942	128346	1514	4.96	676.38	136.25	2774.00	739.00	7.14
Punjab	PSPCL	Suburban/Central Zone	Rural	May-18	273	68124	3949	329277	245	14.20	1184.21	83.38	3128.00	123.00	5.65

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Punjab	PSPCL	Khann/Central Zone	Urban	May-18	229	138907	3167	125956.17	74521	1699.04	67573.12	39.77	2927.00	70008.00	1475.18
Punjab	PSPCL	Khann/Central Zone	Rural	May-18	364	216749	3467	138407.95	108884	1741.65	69529.32	39.92	3310.00	111781.00	1707.02
Punjab	PSPCL	East/Central Zone	Urban	Jun-18	299	282708	1535	33770	53714.52	291.7	6416.3	22.0	260.0	84812.4	78.0
Punjab	PSPCL	East/Central Zone	Rural	Jun-18	10	3654	45	220	720	8.9	43.3	4.9	9.0	1120.0	2.8
Punjab	PSPCL	West/Central Zone	Urban	Jun-18	370	384430	1571	34402.94	82405.45	336.8	7374.5	21.9	1667.0	46920.7	203.5
Punjab	PSPCL	West/Central Zone	Rural	Jun-18	18	5081	443	1504.88	6709	584.9	1987.1	3.4	238.0	5703.0	267.1
Punjab	PSPCL	Suburban/Central Zone	Urban	Jun-18	137	287287	1189	168522	1269	5.3	744.4	141.7	4102.0	662.0	9.5
Punjab	PSPCL	Suburban/Central Zone	Rural	Jun-18	273	68127	1943	525477	245	7.0	1889.7	270.4	4430.0	128.0	8.3
Punjab	PSPCL	Khann/Central Zone	Urban	Jun-18	231	138907	2882	106589.23	94177	1954.0	72266.0	37.0	2848.0	68710.0	1408.8
Punjab	PSPCL	Khann/Central Zone	Rural	Jun-18	364	217296	3460	98736.8	107990	1719.5	49069.4	28.5	4393.0	100960.0	2041.1
Punjab	PSPCL	Data not furnished for July and August 2018													
Punjab	PSPCL	East/Central Zone	Urban	Sep-18	299	285244	1762	44050	57048.8	352.40	8810.00	25.00	293.00	89165.00	91.59
Punjab	PSPCL	East/Central Zone	Rural	Sep-18	10	3658	52	268	725	10.31	53.12	5.15	10.00	1120.00	3.06
Punjab	PSPCL	West/Central Zone	Urban	Sep-18	370	384430	2927	33480.14	84841	645.97	7388.83	11.44	2462.00	55961.00	358.39
Punjab	PSPCL	West/Central Zone	Rural	Sep-18	19	5081	498	1306.13	6462	633.35	1661.13	2.62	551.00	6247.00	677.44
Punjab	PSPCL	Suburban/Central Zone	Urban	Sep-18	137	287289	710	91771	1528	3.78	488.10	129.25	3188.00	755.00	8.38
Punjab	PSPCL	Suburban/Central Zone	Rural	Sep-18	273	68163	712	269396	244	2.55	964.34	378.37	3230.00	126.00	5.97
Punjab	PSPCL	Khann/Central Zone	Urban	Sep-18	235	138907	3571	116295.05	86502	2223.78	72420.79	32.57	3560.00	65612.00	1681.55
Punjab	PSPCL	Khann/Central Zone	Rural	Sep-18	367	219131	3608	96689.39	97619	1607.30	43073.42	26.80	4173.00	96872.00	1844.77
Punjab	PSPCL	East/Central Zone	Urban	Oct-18	299	286244	795	18285	51523	143.10	3291.24	23.00	205.00	89386.00	64.02
Punjab	PSPCL	East/Central Zone	Rural	Oct-18	10	3658	22	185	686	4.13	34.69	8.41	5.00	1094.00	1.50
Punjab	PSPCL	West/Central Zone	Urban	Oct-18	370	384430	2252	11877.04	67036.72	392.70	2071.11	5.27	914.00	52058.00	123.77
Punjab	PSPCL	West/Central Zone	Rural	Oct-18	19	5081	369	780.86	6098	442.86	937.15	2.12	386.00	4882.00	370.88
Punjab	PSPCL	Suburban/Central Zone	Urban	Oct-18	137	287289	530	59976	1564	2.89	326.51	113.16	1944.00	639.00	4.32
Punjab	PSPCL	Suburban/Central Zone	Rural	Oct-18	273	68169	528	282514	244	1.89	1011.21	535.06	2044.00	219.00	6.57
Punjab	PSPCL	Khann/Central Zone	Urban	Oct-18	235	138907	3618	116399.99	92745	2415.66	77717.59	32.17	2864.00	68411.00	1410.51
Punjab	PSPCL	Khann/Central Zone	Rural	Oct-18	367	219490	3843	95255.57	97615	1709.12	42363.54	24.79	3841.00	97757.00	1710.71
Punjab	PSPCL	Data not furnished for November 2018													
Punjab	PSPCL	East/Central Zone	Urban	Dec-18	299	287739	770	17710	51793	138.60	3187.80	23.00	185.00	89841.00	57.76
Punjab	PSPCL	East/Central Zone	Rural	Dec-18	10	3658	22	185	686	4.13	34.69	8.41	5.00	1094.00	1.50
Punjab	PSPCL	West/Central Zone	Urban	Dec-18	370	384430	2192	13258.16	66628.86	379.91	2297.89	6.05	1282.00	54262.17	180.95
Punjab	PSPCL	West/Central Zone	Rural	Dec-18	19	5081	416	909.19	6461	528.99	1156.13	2.19	378.00	4773.00	355.09
Punjab	PSPCL	Suburban/Central Zone	Urban	Dec-18	137	287289	637	93174	1312	2.91	425.51	146.27	968.00	1068.00	3.60
Punjab	PSPCL	Suburban/Central Zone	Rural	Dec-18	273	68184	3372	212454	243	12.02	757.16	63.01	983.00	291.00	4.20
Punjab	PSPCL	Khann/Central Zone	Urban	Dec-18	231	117480	596	66236	52941	268.58	29848.49	111.13	2009.00	56909.00	973.19
Punjab	PSPCL	Khann/Central Zone	Rural	Dec-18	373	236509	1479	125076	114462	715.78	60532.36	84.57	3190.00	131021.00	1767.19

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Punjab	PSPCL	East/Central Zone	Urban	Jan-19	300	288622	1826	36520	57724.4	365.20	7304.00	20.00	275.00	89506.00	85.28
Punjab	PSPCL	East/Central Zone	Rural	Jan-19	10	3658	55	230	690	10.37	43.38	4.18	8.00	1160.00	2.54
Punjab	PSPCL	West/Central Zone	Urban	Jan-19	372	375123	2819	39422.84	83957.04	630.93	8823.31	13.98	1815.00	46176.02	223.42
Punjab	PSPCL	West/Central Zone	Rural	Jan-19	21	17447	466	2856.39	6798.24	181.58	1113.00	6.13	417.00	4651.12	111.17
Punjab	PSPCL	Suburban/Central Zone	Urban	Jan-19	139	283636	1018	80618	1371	4.92	389.68	79.19	1429.00	1445.00	7.28
Punjab	PSPCL	Suburban/Central Zone	Rural	Jan-19	281	68188	768	125654	259	2.92	477.27	163.61	1163.00	245.00	4.18
Punjab	PSPCL	Khann/Central Zone	Urban	Jan-19	231	117207	902	75698	76310	587.27	49284.72	83.92	1677.00	75887.00	1085.79
Punjab	PSPCL	Khann/Central Zone	Rural	Jan-19	373	236045	1108	159273	140322	658.67	94683.24	143.75	2183.00	142479.00	1317.68
Punjab	PSPCL	East/Central Zone	Urban	Feb-19	300	285243	1211	26642	57048.6	242.20	5328.40	22.00	215.00	89688.00	67.60
Punjab	PSPCL	East/Central Zone	Rural	Feb-19	10	3658	36	210	655	6.45	37.60	5.83	6.00	1160.00	1.90
Punjab	PSPCL	West/Central Zone	Urban	Feb-19	373	373861	2219	27659.45	74171.3	440.23	5487.43	12.46	1132.00	41252.15	124.91
Punjab	PSPCL	West/Central Zone	Rural	Feb-19	21	17236	412	2051	6143.72	146.86	731.07	4.98	510.00	4143.36	122.60
Punjab	PSPCL	Suburban/Central Zone	Urban	Feb-19	139	284215	817	67987	1421	4.08	339.92	83.22	1488.00	1382.00	7.24
Punjab	PSPCL	Suburban/Central Zone	Rural	Feb-19	281	68206	563	91893	246	2.03	331.43	163.22	1098.00	245.00	3.94
Punjab	PSPCL	Khann/Central Zone	Urban	Feb-19	232	117442	884	66900	60277	453.71	34336.36	75.68	2040.00	57092.00	991.70
Punjab	PSPCL	Khann/Central Zone	Rural	Feb-19	373	235273	1133	139003	145543	700.89	85989.10	122.69	2566.00	141754.00	1546.04
Punjab	PSPCL	East/Central Zone	Urban	Mar-19	300	285679	785	18055	65706.17	180.55	4152.65	23.00	192.00	89804.00	60.36
Punjab	PSPCL	East/Central Zone	Rural	Mar-19	10	3658	20	180	675	3.69	33.21	9.00	5.00	1095.00	1.50
Punjab	PSPCL	West/Central Zone	Urban	Mar-19	374	375761	1906	11034.84	45489.73	230.74	1335.88	5.79	1131.00	48384.87	145.63
Punjab	PSPCL	West/Central Zone	Rural	Mar-19	21	17184	417	1114.87	4217.28	102.34	273.61	2.67	533.00	4902.64	152.07
Punjab	PSPCL	Suburban/Central Zone	Urban	Mar-19	139	284830	596	67987	1375	2.88	328.20	114.07	997.00	1274.00	4.46
Punjab	PSPCL	Suburban/Central Zone	Rural	Mar-19	287	68210	747	91893	240	2.63	323.33	123.02	1480.00	228.00	4.95
Punjab	PSPCL	Khann/Central Zone	Urban	Mar-19	234	117118	568	58977	59856	290.29	30141.63	103.83	1492.00	61290.00	780.79
Punjab	PSPCL	Khann/Central Zone	Rural	Mar-19	374	235510	627	118122	126944	337.96	63669.82	188.39	1975.00	131644.00	1103.97
Punjab	NSSR	North/Jalandhar	Urban	Apr-18	47	84677	184	7789	11172	24.28	1027.65	42.33	180	35908	76.33
Punjab	NSSR	North/Jalandhar	Rural	Apr-18	258	288194	1205	73089	51207	214.11	12986.63	60.65	1804	79953	500.48
Punjab	KPT	North/Jalandhar	Urban	Apr-18	75	152078	280	9800	12600	23.20	811.95	35.00	216	12600	17.90
Punjab	KPT	North/Jalandhar	Rural	Apr-18	501	300761	486	19926	21870	35.34	1448.93	41.00	288	21870	20.94
Punjab	HSP	North/Jalandhar	Urban	Apr-18	87	136371	37	3374	3311	0.90	81.92	91.19	297	29871	65.06
Punjab	HSP	North/Jalandhar	Rural	Apr-18	266	425877	405	47005	5287	5.03	583.54	116.06	2209	48197	250.00
Punjab	JAL	North/Jalandhar	Urban	Apr-18	288	376318	1092	31920	64821	188.10	5498.24	29.23	1798	98564	470.93
Punjab	JAL	North/Jalandhar	Rural	Apr-18	164	177912	987	43830	59645	330.89	14694.01	44.41	1903	46824	500.84
Punjab	NSSR	North/Jalandhar	Urban	May-18	14	31403	63	3563	9071	18.20	1029.20	56.56	68	1570	3.40
Punjab	NSSR	North/Jalandhar	Rural	May-18	48	57816	359	15984	11563	71.80	3196.74	44.52	466	3469	27.96
Punjab	KPT	North/Jalandhar	Urban	May-18	75	152077	276	9660	12420	22.54	788.92	35.00	214	12420	17.48
Punjab	KPT	North/Jalandhar	Rural	May-18	501	302211	494	20254	22230	36.34	1489.84	41.00	290	22230	21.33
Punjab	HSP	North/Jalandhar	Urban	May-18	87	136616	41	3612	3305	0.99	87.38	88.10	313	30114	68.99

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Punjab	HSP	North/Jalandhar	Rural	May-18	266	426870	416	47108	5302	5.17	585.11	113.24	2304	50114	270.49
Punjab	JAL	North/Jalandhar	Urban	May-18	290	377742	2327	38019	70830	436.33	7128.90	16.34	2143	99909	566.80
Punjab	JAL	North/Jalandhar	Rural	May-18	164	178490	1120	49736	62145	389.95	17316.62	44.41	2564	48978	703.57
Punjab	NSSR	North/Jalandhar	Urban	Jun-18	47	85066	206	20125	16232	39.31	3840.18	97.69	330	6499	25.21
Punjab	NSSR	North/Jalandhar	Rural	Jun-18	258	289272	1768	197750	60153	367.65	41121.35	111.85	3900	26029	350.93
Punjab	KPT	North/Jalandhar	Urban	Jun-18	75	152595	282	9588	12690	23.45	797.35	34.00	216	12690	17.96
Punjab	KPT	North/Jalandhar	Rural	Jun-18	502	302867	496	20336	22320	36.55	1498.68	41.00	292	22320	21.52
Punjab	HSP	North/Jalandhar	Urban	Jun-18	87	136769	38	3408	3287	0.91	81.91	89.68	299	29874	65.31
Punjab	HSP	North/Jalandhar	Rural	Jun-18	266	427758	405	46889	5298	5.02	580.74	115.78	2278	49112	261.54
Punjab	JAL	North/Jalandhar	Urban	Jun-18	291	378605	2827	42096	75838	566.27	8432.21	14.89	2488	101264	665.46
Punjab	JAL	North/Jalandhar	Rural	Jun-18	165	178881	1611	54736	64745	583.09	19811.40	33.98	3227	51032	920.61
Punjab	PSPCL	Data not furnished for July and August 2018													
Punjab	NSSR	North/Jalandhar	Urban	Sep-18	47	85963	177	15231	13419	27.63	2377.59	86.05	332	7232	27.93
Punjab	NSSR	North/Jalandhar	Rural	Sep-18	259	291279	1427	168461	60419	296.00	34943.29	118.05	3593	29650	365.74
Punjab	KPT	North/Jalandhar	Urban	Sep-18	75	153878	288	10080	12960	24.26	848.96	35.00	214	12960	18.02
Punjab	KPT	North/Jalandhar	Rural	Sep-18	504	305101	493	20213	22185	35.85	1469.76	41.00	295	22185	21.45
Punjab	HSP	North/Jalandhar	Urban	Sep-18	87	137017	36	3508	3205	0.84	82.06	97.44	319	30618	71.28
Punjab	HSP	North/Jalandhar	Rural	Sep-18	266	438973	391	45011	5109	4.55	523.86	115.12	2341	50017	266.74
Punjab	JAL	North/Jalandhar	Urban	Sep-18	292	382378	945	29452	59356	146.69	4571.79	31.17	1231	216783	697.90
Punjab	JAL	North/Jalandhar	Rural	Sep-18	166	180319	412	25487	79143	180.83	11186.38	61.86	1443	32457	259.74
Punjab	NSSR	North/Jalandhar	Urban	Oct-18	47	86249	61	3559	13828	9.78	570.60	58.34	207	6847	16.43
Punjab	NSSR	North/Jalandhar	Rural	Oct-18	259	291986	515	48249	54537	96.19	9011.92	93.69	2214	29573	224.24
Punjab	KPT	North/Jalandhar	Urban	Oct-18	75	154418	298	10430	13410	25.88	905.76	35.00	213	13410	18.50
Punjab	KPT	North/Jalandhar	Rural	Oct-18	504	305806	492	20172	222140	357.39	14653.11	41.00	297	22140	21.50
Punjab	HSP	North/Jalandhar	Urban	Oct-18	89	137017	31	3475	0	0.00	0.00	112.10	315	29874	68.68
Punjab	HSP	North/Jalandhar	Rural	Oct-18	274	440064	378	44847	4997	4.29	509.25	118.64	2292	48985	255.13
Punjab	JAL	North/Jalandhar	Urban	Oct-18	293	383570	598	57961	85324	133.02	12893.25	96.92	1297	209561	708.61
Punjab	JAL	North/Jalandhar	Rural	Oct-18	166	180716	289	27254	81452	130.26	12283.88	94.30	628	27107	94.20
Punjab	PSPCL	Data not furnished for November 2018													
Punjab	NSSR	North/Jalandhar	Urban	Dec-18	47	86644	52	2368	13400	8.04	366.23	45.54	140	6185	9.99
Punjab	NSSR	North/Jalandhar	Rural	Dec-18	259	292526	365	41881	45600	56.90	6528.56	114.74	1507	30836	158.86
Punjab	KPT	North/Jalandhar	Urban	Dec-18	75	155164	294	10290	13230	25.07	877.37	35.00	216	13230	18.42
Punjab	KPT	North/Jalandhar	Rural	Dec-18	508	306835	495	20295	22275	35.94	1473.34	41.00	295	22275	21.42
Punjab	HSP	North/Jalandhar	Urban	Dec-18	89	137031	44	3514	3071	0.99	78.75	79.86	294	29801	63.94
Punjab	HSP	North/Jalandhar	Rural	Dec-18	274	442180	393	45091	5012	4.45	511.10	114.74	2099	49002	232.61
Punjab	JAL	North/Jalandhar	Urban	Dec-18	293	385784	490	52327	57868	73.50	7849.05	106.79	715	169745	314.60

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					Ct	Ni	Ti	Ci	$\Sigma Ni * Ci / Ni$	$\Sigma Ti * Ci / Ct$	SAIDI/S	CAIDI/S	Mi		$\Sigma Mi * Ci / Ct$
Punjab	JAL	North/Jalandhar	Rural	Dec-18	166	181358	514	35274	87052	246.72	16931.52	68.63	626	34458	118.94
Punjab	NSSR	North/Jalandhar	Urban	Jan-19	47	86781	93	5735	13809	14.80	912.58	61.67	178	5954	12.21
Punjab	NSSR	North/Jalandhar	Rural	Jan-19	264	292830	591	68130	47207	95.27	10983.21	115.28	2106	29201	210.01
Punjab	KPT	North/Jalandhar	Urban	Jan-19	75	155524	292	10220	13140	24.67	863.47	35.00	218	13140	18.42
Punjab	KPT	North/Jalandhar	Rural	Jan-19	508	307300	498	20418	22410	36.32	1488.99	41.00	293	22410	21.37
Punjab	HSP	North/Jalandhar	Urban	Jan-19	89	129599	37	3389	3047	0.87	79.68	91.59	291	29794	66.90
Punjab	HSP	North/Jalandhar	Rural	Jan-19	274	442843	378	44998	4992	4.26	507.25	119.04	2108	48971	233.11
Punjab	JAL	North/Jalandhar	Urban	Jan-19	293	386807	563	63236	58021	84.45	9485.39	112.32	1086	174063	488.70
Punjab	JAL	North/Jalandhar	Rural	Jan-19	166	181605	612	55487	90803	306.00	27743.65	90.67	985	36321	197.00
Punjab	NSSR	North/Jalandhar	Urban	Feb-19	47	86915	110	6978	10471	13.25	840.67	63.44	243	5792	16.19
Punjab	NSSR	North/Jalandhar	Rural	Feb-19	264	293163	865	99040	51849	152.98	17516.28	114.50	2858	27321	266.35
Punjab	KPT	North/Jalandhar	Urban	Feb-19	75	155830	295	10325	13275	25.13	879.58	35.00	219	13275	18.66
Punjab	KPT	North/Jalandhar	Rural	Feb-19	508	307713	500	20500	22500	36.56	1498.96	41.00	295	22500	21.57
Punjab	HSP	North/Jalandhar	Urban	Feb-19	89	129726	41	3407	3102	0.98	81.47	83.10	306	30011	70.79
Punjab	HSP	North/Jalandhar	Rural	Feb-19	274	443451	403	45008	5007	4.55	508.18	111.68	2114	49003	233.60
Punjab	JAL	North/Jalandhar	Urban	Feb-19	293	387712	1318	92590	69788	237.24	16666.16	70.25	794	151208	309.66
Punjab	JAL	North/Jalandhar	Rural	Feb-19	166	181906	1225	99784	92772	624.75	50889.81	81.46	514	45477	128.50
Punjab	NSSR	North/Jalandhar	Urban	Mar-19	47	87006	23	1151	15363	4.06	203.24	50.04	99	6348.92	7.22
Punjab	NSSR	North/Jalandhar	Rural	Mar-19	264	293380	452	47200	39030	60.13	6279.28	104.42	2154	24898	182.80
Punjab	KPT	North/Jalandhar	Urban	Mar-19	75	156288	296	10360	13320	25.23	882.95	35.00	221	13320	18.84
Punjab	KPT	North/Jalandhar	Rural	Mar-19	510	307844	502	20582	22590	36.84	1510.33	41.00	297	22590	21.79
Punjab	HSP	North/Jalandhar	Urban	Mar-19	89	129742	44	3410	3107	1.05	81.66	77.50	302	30021	69.88
Punjab	HSP	North/Jalandhar	Rural	Mar-19	274	444376	411	45012	5011	4.63	507.58	109.52	2121	49012	233.93
Punjab	JAL	North/Jalandhar	Urban	Mar-19	293	388618	430	58021	66065	73.10	9863.57	134.93	983	159333	403.03
Punjab	JAL	North/Jalandhar	Rural	Mar-19	166	182116	219	26169	89237	107.31	12822.81	119.49	791	25496	110.74
Punjab	Ropar	South/Patiala	Urban	Apr-18	178	110613	156	1852	9048	12.76	151.49	11.87	254	10215	23.46
Punjab	Patiala	South/Patiala	Urban	Apr-18	166	245782	926	54137	172266	649.02	37944.05	58.46	300	78613	95.95
Punjab	Mohali	South/Patiala	Urban	Apr-18	149	159247	952	59840	96268	575.50	36174.56	62.86	1156	552398	4009.95
Punjab	Sangrur	South/Patiala	Urban	Apr-18	255	265052	894	64203	109749	370.17	26584.27	71.82	747	138113	389.25
Punjab	Barnala	South/Patiala	Urban	Apr-18	109	201599	395	31197	64569	126.51	9991.91	78.98	834	53404	220.93
Punjab	Ropar	South/Patiala	Rural	Apr-18	207	328978	198	4856	12110	7.29	178.75	24.53	302	18548	17.03
Punjab	Patiala	South/Patiala	Rural	Apr-18	586	320673	2215	391792	271512	1875.43	331728.05	176.88	1317	205719	844.89
Punjab	Mohali	South/Patiala	Rural	Apr-18	119	124217	1514	34775	101606	1238.41	28445.13	22.97	1694	159042	2168.92
Punjab	Sangrur	South/Patiala	Rural	Apr-18	501	116708	1477	421897	63880	808.44	230925.60	285.64	605	74816	387.84
Punjab	Barnala	South/Patiala	Rural	Apr-18	573	187826	1229	229807	90954	595.14	111283.13	186.99	1613	58660	503.76
Punjab	Ropar	South/Patiala	Urban	May-18	178	111202	175	2854	10048	15.81	257.88	16.31	298	11025	29.54

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					Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi			$\sum Mi * Ci / Ct$
Punjab	Patiala	South/Patiala	Urban	May-18	166	246370	1042	78127	172464	729.42	54690.49	74.98	589	98219	234.81
Punjab	Mohali	South/Patiala	Urban	May-18	213	159421	1120	61417	104530	734.37	40270.26	54.84	1519	151071	1439.44
Punjab	Sangrur	South/Patiala	Urban	May-18	194	265375	1067	45297	112806	453.56	19254.92	42.45	1203	151273	685.75
Punjab	Barnala	South/Patiala	Urban	May-18	110	202392	423	13583	71033	148.46	4767.19	32.11	826	57874	236.19
Punjab	Ropar	South/Patiala	Rural	May-18	207	329461	296	8426	14325	12.87	366.36	28.47	410	20452	25.45
Punjab	Patiala	South/Patiala	Rural	May-18	586	321274	5712	391549	253335	4504.10	308749.12	68.55	2885	237883	2136.16
Punjab	Mohali	South/Patiala	Rural	May-18	88	125431	1373	26470	104835	1147.55	22123.89	19.28	1746	124281	1729.99
Punjab	Sangrur	South/Patiala	Rural	May-18	563	116960	2161	367883	63758	1178.02	200542.79	170.24	1499	82015	1051.13
Punjab	Barnala	South/Patiala	Rural	May-18	573	188036	1306	14365	105640	733.72	8070.36	11.00	2213	64634	760.68
Punjab	Ropar	South/Patiala	Urban	Jun-18	181	111902	225	3725	13245	26.63	440.90	16.56	425	19874	75.48
Punjab	Patiala	South/Patiala	Urban	Jun-18	168	247420	1325	106458	177091	948.37	76197.37	80.35	831	110365	370.68
Punjab	Mohali	South/Patiala	Urban	Jun-18	215	170901	1314	76753	146659	1127.61	65865.84	58.41	2043	135116	1615.22
Punjab	Sangrur	South/Patiala	Urban	Jun-18	199	265830	1840	104072	119921	830.06	46948.87	56.56	1006	112620	426.20
Punjab	Barnala	South/Patiala	Urban	Jun-18	110	202779	540	17558	72068	191.92	6240.14	32.51	1214	53639	321.13
Punjab	Ropar	South/Patiala	Rural	Jun-18	210	329786	410	12245	21078	26.20	782.63	29.87	748	31268	70.92
Punjab	Patiala	South/Patiala	Rural	Jun-18	588	321714	2826	537881	282894	2485.00	472976.95	190.33	3766	252674	2957.81
Punjab	Mohali	South/Patiala	Rural	Jun-18	88	129419	2317	34718	128343	2297.74	34429.64	14.98	2657	120469	2473.25
Punjab	Sangrur	South/Patiala	Rural	Jun-18	563	117208	2749	688140	71665	1680.83	420752.45	250.32	1626	50874	705.76
Punjab	Barnala	South/Patiala	Rural	Jun-18	573	188389	2234	17916	119551	1417.69	11369.43	8.02	3288	64689	1129.03
Punjab	Ropar	South/Patiala	Urban	Jul-18	177	249586	1429	88314	156914	898.41	55522.76	61.80	643	116296	299.61
Punjab	Patiala	South/Patiala	Urban	Jul-18	200	266496	628	57681	95205	224.35	20606.39	91.85	1320	108122	535.55
Punjab	Mohali	South/Patiala	Urban	Jul-18	110	205234	552	13575	37875	101.87	2505.20	24.59	1074	37438	195.91
Punjab	Sangrur	South/Patiala	Urban	Jul-18	183	112107	165	2795	7855	11.56	195.84	16.94	209	9824	18.31
Punjab	Barnala	South/Patiala	Urban	Jul-18	166	172606	918	46967	158723	844.16	43189.61	51.16	1550	147456	1324.15
Punjab	Ropar	South/Patiala	Rural	Jul-18	596	325053	2218	377473	265238	1809.85	308011.87	170.19	3251	248890	2489.26
Punjab	Patiala	South/Patiala	Rural	Jul-18	564	117526	2099	534680	57533	1027.53	261744.16	254.73	2193	41507	774.51
Punjab	Mohali	South/Patiala	Rural	Jul-18	573	189563	1912	53118	48529	489.48	13598.45	27.78	2665	47414	666.58
Punjab	Sangrur	South/Patiala	Rural	Jul-18	210	329098	278	9687	12865	10.87	378.68	34.85	387	19285	22.68
Punjab	Barnala	South/Patiala	Rural	Jul-18	140	137489	1793	56286	138908	1811.51	56866.96	31.39	2333	131280	2227.64
Punjab	PSPCL														
Data not furnished for July and August 2018															
Punjab	Ropar	South/Patiala	Urban	Oct-18	177	250905	1037	54742	143620	593.59	31334.75	52.79	576	115332	264.77
Punjab	Patiala	South/Patiala	Urban	Oct-18	201	266892	361	86597	92372	124.94	29971.44	239.88	687	80393	206.94
Punjab	Mohali	South/Patiala	Urban	Oct-18	111	206042	402	12447	34003	66.34	2054.12	30.96	889	33597	144.96
Punjab	Sangrur	South/Patiala	Urban	Oct-18	184	112997	179	2836	8542	13.53	214.39	15.84	306	10126	27.42
Punjab	Barnala	South/Patiala	Urban	Oct-18	166	173220	807	54113	168251	783.85	52560.95	67.05	1004	165423	958.81
Punjab	Ropar	South/Patiala	Rural	Oct-18	596	326229	1489	289132	249884	1140.54	221468.54	194.18	1978	242696	1471.52

RI of Discoms/PDs based on Consumers affected due to interruptions:

Name of State/Uts	Name of Discom/PDs	Name of circle/Area	Type of Circle/areas (Rural/Urban)	Month of reporting	Total Nos of feeders(U/R) in the circle/area	Total Nos of consumers(U/R) in the feeders in the circle/area	Nos of interruptions(>3min/5 min/10 min)	Duration of interruptions considered(> 3min/5min/10 min)	Nos of consumer in affected feeders	SAIFI=Number of interruptions /consumer	SAIDI = (Minutes /consumer)	CAIDI Minutes	Nos of momentary Interruptions (<3min/5min/10 min)@	Nos of consumer in interrupted feeders	MAIFI
					Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi			$\sum Mi * Ci / Ct$
Punjab	Patiala	South/Patiala	Rural	Oct-18	564	117728	1625	284381	102799	1418.93	248318.86	175.00	1284	30397	331.52
Punjab	Mohali	South/Patiala	Rural	Oct-18	573	189755	1337	85541	43121	303.83	19438.82	63.98	2331	42346	520.19
Punjab	Sangrur	South/Patiala	Rural	Oct-18	210	348961	285	10045	16325	13.33	469.92	35.25	401	19849	22.81
Punjab	Barnala	South/Patiala	Rural	Oct-18	140	138474	1410	29818	125562	1278.52	27037.18	21.15	1720	137118	1703.16
Punjab	PSPCL	Data not furnished for November 2018													
Punjab	Ropar	South/Patiala	Urban	Dec-18	178	251968	1153	51881	134007	613.21	27592.46	45.00	591	116514	273.29
Punjab	Patiala	South/Patiala	Urban	Dec-18	203	268168	286	46190	76245	81.31	13132.65	161.50	710	98383	260.48
Punjab	Mohali	South/Patiala	Urban	Dec-18	144	206165	351	11543	32165	54.76	1800.89	32.89	852	30652	126.67
Punjab	Sangrur	South/Patiala	Urban	Dec-18	184	114541	124	1575	5582	6.04	76.76	12.70	198	55803	96.46
Punjab	Barnala	South/Patiala	Urban	Dec-18	170	177469	502	41058	242029	684.62	55994.51	81.79	737	142837	593.18
Punjab	Ropar	South/Patiala	Rural	Dec-18	592	327476	1334	290024	219390	893.70	194299.32	217.41	1499	238887	1093.49
Punjab	Patiala	South/Patiala	Rural	Dec-18	564	118066	995	298414	28204	237.69	71286.13	299.91	1208	30379	310.82
Punjab	Mohali	South/Patiala	Rural	Dec-18	554	189443	1154	81517	36566	222.74	15734.29	70.64	2188	32856	379.48
Punjab	Sangrur	South/Patiala	Rural	Dec-18	211	331525	165	3805	9548	4.75	109.58	23.06	215	15875	10.30
Punjab	Barnala	South/Patiala	Rural	Dec-18	142	139878	916	52987	114496	749.78	43372.26	57.85	1075	129304	993.74
Punjab	Ropar	South/Patiala	Urban	Jan-19	178	252534	1076	57117	151348	644.87	34231.21	53.08	603	139254	332.51
Punjab	Patiala	South/Patiala	Urban	Jan-19	203	268860	305	54087	85030	96.46	17105.62	177.33	960	113637	405.76
Punjab	Mohali	South/Patiala	Urban	Jan-19	147	206386	379	13877	32514	59.71	2186.18	36.61	1037	31201	156.77
Punjab	Sangrur	South/Patiala	Urban	Jan-19	184	115327	210	3541	17458	31.79	536.03	16.86	240	28125	58.53
Punjab	Barnala	South/Patiala	Urban	Jan-19	174	177790	986	86119	348696	1933.82	168904.13	87.34	891	156843	786.02
Punjab	Ropar	South/Patiala	Rural	Jan-19	597	328134	1179	283340	236621	850.19	204319.56	240.32	1633	234549	1167.26
Punjab	Patiala	South/Patiala	Rural	Jan-19	565	118135	566	230354	75076	359.70	146392.32	406.99	1260	32609	347.80
Punjab	Mohali	South/Patiala	Rural	Jan-19	565	189560	1128	87401	35167	209.27	16214.55	77.48	2205	31571	367.24
Punjab	Sangrur	South/Patiala	Rural	Jan-19	211	332110	254	4678	22245	17.01	313.34	18.42	275	27190	22.51
Punjab	Barnala	South/Patiala	Rural	Jan-19	142	141015	1102	52785	114721	896.52	42942.97	47.90	1224	129811	1126.75
Punjab	Ropar	South/Patiala	Urban	Feb-19	179	253152	1212	67261	145475	696.48	38651.85	55.50	694	124051	340.08
Punjab	Patiala	South/Patiala	Urban	Feb-19	204	269315	555	43797	80737	166.38	13129.75	78.91	1054	121763	476.54
Punjab	Mohali	South/Patiala	Urban	Feb-19	147	206793	357	17194	30249	52.22	2515.08	48.16	1120	28914	156.60
Punjab	Sangrur	South/Patiala	Urban	Feb-19	184	115993	175	3314	14257	21.51	407.33	18.94	198	21124	36.06
Punjab	Barnala	South/Patiala	Urban	Feb-19	175	178853	1784	50800	430140	4290.51	122173.82	28.48	1206	171140	1153.99
Punjab	Ropar	South/Patiala	Rural	Feb-19	597	328467	1313	293618	247413	989.00	221163.50	223.62	2159	238191	1565.62
Punjab	Patiala	South/Patiala	Rural	Feb-19	565	118192	1476	352408	34572	431.74	103081.84	238.76	1635	36278	501.85
Punjab	Mohali	South/Patiala	Rural	Feb-19	565	189760	1189	121785	32021	200.64	20550.58	102.43	2470	29795	387.82
Punjab	Sangrur	South/Patiala	Rural	Feb-19	211	332637	210	4215	22245	14.04	281.88	20.07	241	22145	16.04
Punjab	Barnala	South/Patiala	Rural	Feb-19	145	141711	1783	48143	119938	1509.05	40746.50	27.00	1472	133003	1381.55

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						Ct	Ni	Ti	Ci	ΣNi*Ci/Nt	ΣTi*Ci/Ct	SAIDI/SA	Mi		ΣMi*Ci/Ct
Punjab	Ropar	South/Patiala	Urban	Mar-19	179	253859	1083	53530	132801	566.55	28003.09	49.43	603	119657	284.23
Punjab	Patiala	South/Patiala	Urban	Mar-19	204	270274	399	84020	66042	97.50	20530.46	210.58	922	110459	376.81
Punjab	Mohali	South/Patiala	Urban	Mar-19	147	206772	299	13013	29583	42.78	1861.78	43.52	960	25220	117.09
Punjab	Sangrur	South/Patiala	Urban	Mar-19	184	116881	111	1029	9045	8.59	79.63	9.27	151	16298	21.06
Punjab	Barnala	South/Patiala	Urban	Mar-19	176	180189	469	28889	319963	832.81	51298.51	61.60	994	166108	916.32
Punjab	Ropar	South/Patiala	Rural	Mar-19	597	329000	1093	278972	241071	800.88	204413.55	255.24	1818	238180	1316.14
Punjab	Patiala	South/Patiala	Rural	Mar-19	565	118213	1201	224525	30588	310.76	58096.58	186.95	1538	29883	388.79
Punjab	Mohali	South/Patiala	Rural	Mar-19	565	190335	994	66738	31176	162.81	10931.38	67.14	2168	29278	333.49
Punjab	Sangrur	South/Patiala	Rural	Mar-19	211	333275	148	4215	15145	6.73	191.54	28.48	198	18762	11.15
Punjab	Barnala	South/Patiala	Rural	Mar-19	145	142672	1443	24952	246545	2493.58	43118.83	17.29	1533	123900	1331.30
Punjab	Bathinda	West/Bhthinda	Urban	Apr-18	244	255328	277.2	1635	84258	91.48	539.71	5.90	415.8	171162	278.74
Punjab	Bathinda	West/Bhthinda	Rural	Apr-18	133	272701	12.8	54	89991	4.22	17.74	4.20	19.2	182790	12.87
Punjab	Faridkot	West/Bhthinda	Urban	Apr-18	129	190224	4928	1184	62774	1626.24	390.72	0.24	895	127550	600.12
Punjab	Faridkot	West/Bhthinda	Rural	Apr-18	116	205849	364	1396	67930	120.12	460.68	3.84	986	138019	661.10
Punjab	Ferozepur	West/Bhthinda	Urban	Apr-18	104	125783	228	724	34750	62.99	200.02	3.18	408	78600	254.95
Punjab	Ferozepur	West/Bhthinda	Rural	Apr-18	116	134389	336	1978	42000	105.01	618.18	5.89	1021	76000	577.40
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Apr-18	74	155276	892	1859	55166	316.91	660.40	2.08	652	77533	325.56
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Apr-18	305	232809	3448	10989	120540	1785.25	5689.96	3.19	2126	104596	955.17
Punjab	Bathinda	West/Bhthinda	Urban	May-18	245	256404	220	1298	84613	72.60	428.34	5.90	330	171883	221.22
Punjab	Bathinda	West/Bhthinda	Rural	May-18	133	273827	36	151	90363	11.88	49.90	4.20	54	183544	36.20
Punjab	Faridkot	West/Bhthinda	Urban	May-18	129	190536	453	1185	62877	149.49	391.05	2.62	1222	127759	819.38
Punjab	Faridkot	West/Bhthinda	Rural	May-18	116	206333	458	1607	68090	151.14	530.31	3.51	1619	138343	1085.51
Punjab	Ferozepur	West/Bhthinda	Urban	May-18	104	125783	843	629	34700	232.56	173.52	0.75	618	80000	393.06
Punjab	Ferozepur	West/Bhthinda	Rural	May-18	116	134389	499	2049	40750	151.31	621.31	4.11	1460	75700	822.40
Punjab	Sri Muktsar S	West/Bhthinda	Urban	May-18	74	155636	860	1609	50458	278.82	521.78	1.87	627	74022	298.21
Punjab	Sri Muktsar S	West/Bhthinda	Rural	May-18	306	233267	3105	6840	109846	1462.15	3220.83	2.20	2208	98940	936.52
Punjab	Bathinda	West/Bhthinda	Urban	Jun-18	245	257511	311	1835	84979	102.63	605.55	5.90	423	172624	283.56
Punjab	Bathinda	West/Bhthinda	Rural	Jun-18	133	275028	187	785	90759	61.71	259.05	4.20	105	184349	70.38
Punjab	Faridkot	West/Bhthinda	Urban	Jun-18	129	190714	626	2119	62936	206.58	699.27	3.38	1427	127878	956.84
Punjab	Faridkot	West/Bhthinda	Rural	Jun-18	116	206815	659	2678	68249	217.47	883.74	4.06	1918	138666	1285.99
Punjab	Ferozepur	West/Bhthinda	Urban	Jun-18	104	123593	413	1369	34500	115.29	382.15	3.31	697	78000	439.88
Punjab	Ferozepur	West/Bhthinda	Rural	Jun-18	116	132311	652	3596	40500	199.58	1100.72	5.52	1658	75000	939.83
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Jun-18	71	155705	1056	1390.4	83557	566.69	746.14	1.32	837	73261	393.82
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Jun-18	309	233299	3853	9729.85	195307	3225.55	8145.38	2.53	3011	98701	1273.85
Punjab	PSPCL														

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					Ct	Ni	Ti	Ci	ΣNi*Ci/Nt	ΣTi*Ci/Ct	SAIDI/SAI	Mi			ΣMi*Ci/Ct
Punjab	Bathinda	West/Bhthinda	Urban	Sep-18	248	260017	104	616	85806	34.32	203.28	5.92	157	174303	105.25
Punjab	Bathinda	West/Bhthinda	Rural	Sep-18	134	276469	46	195	91235	15.18	64.35	4.24	70	185314	46.92
Punjab	Faridkot	West/Bhthinda	Urban	Sep-18	130	194053	258	893	64037	85.14	294.69	3.46	858	130116	575.30
Punjab	Faridkot	West/Bhthinda	Rural	Sep-18	116	212178	316	1081	70019	104.28	356.73	3.42	1257	142259	842.78
Punjab	Ferozepur	West/Bhthinda	Urban	Sep-18	104	123882	207	563	34500	57.65	156.79	2.72	472	77000	293.38
Punjab	Ferozepur	West/Bhthinda	Rural	Sep-18	117	132565	353	898	40500	107.85	274.35	2.54	1199	75000	678.35
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Sep-18	80	131185	445	571.27	41816.4	141.85	182.10	1.28	457	73925	257.53
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Sep-18	310	173717	1662	4653.66	96028	918.73	2572.46	2.80	1933	98591	1097.05
Punjab	Bathinda	West/Bhthinda	Urban	Oct-18	248	260920	140	826	86104	46.20	272.58	5.90	210	174908	140.77
Punjab	Bathinda	West/Bhthinda	Rural	Oct-18	134	276469	68	286	91235	22.44	94.38	4.21	102	185314	68.37
Punjab	Faridkot	West/Bhthinda	Urban	Oct-18	130	194537	130	332	64197	42.90	109.56	2.55	568	130440	380.85
Punjab	Faridkot	West/Bhthinda	Rural	Oct-18	116	212856	144	399	70242	47.52	131.67	2.77	932	142714	624.88
Punjab	Ferozepur	West/Bhthinda	Urban	Oct-18	105	124305	93	160	34000	25.44	43.76	1.72	369	76600	227.39
Punjab	Ferozepur	West/Bhthinda	Rural	Oct-18	118	132873	195	1032	42000	61.64	326.21	5.29	983	76000	562.25
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Oct-18	80	166124	370	508.27	40641.4	90.52	124.35	1.37	435	74821	195.92
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Oct-18	310	226472	1375	4041.66	94599	574.35	1688.23	2.94	1601	99935	706.47
Punjab	PSPCL				Data not furnished for November 2018										
Punjab	Bathinda	West/Bhthinda	Urban	Dec-18	249	262168	84	496	86515	27.72	163.68	5.90	126	175745	84.46
Punjab	Bathinda	West/Bhthinda	Rural	Dec-18	134	275972	108	454	91071	35.64	149.82	4.20	162	184981	108.59
Punjab	Faridkot	West/Bhthinda	Urban	Dec-18	130	195995	175	702	64678	57.75	231.66	4.01	647	131417	433.82
Punjab	Faridkot	West/Bhthinda	Rural	Dec-18	116	211674	271	924	69852	89.43	304.92	3.41	903	141922	605.44
Punjab	Ferozepur	West/Bhthinda	Urban	Dec-18	21	31551	36	124	8000	9.13	31.44	3.44	48	18000	27.38
Punjab	Ferozepur	West/Bhthinda	Rural	Dec-18	18	25190	41	138	7000	11.39	38.35	3.37	131	15000	78.01
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Dec-18	81	167395	460	480	40663	111.74	116.60	1.04	326	75398	146.84
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Dec-18	311	228754	2089	6557	95210	869.47	2729.10	3.14	1226	101475	543.85
Punjab	Bathinda	West/Bhthinda	Urban	Jan-19	251	262826	128	755	86733	42.24	249.15	5.90	192	176185	128.71
Punjab	Bathinda	West/Bhthinda	Rural	Jan-19	742	393249	58	244	129772	19.14	80.52	4.21	87	263557	58.31
Punjab	Faridkot	West/Bhthinda	Urban	Jan-19	132	196027	222	768	64689	73.26	253.44	3.46	793	131438	531.71
Punjab	Faridkot	West/Bhthinda	Rural	Jan-19	584	329052	9085	16220	108587	2998.05	5352.59	1.79	3806	220565	2551.18
Punjab	Ferozepur	West/Bhthinda	Urban	Jan-19	106	131883	231	696	34000	59.55	179.43	3.01	637	76000	367.08
Punjab	Ferozepur	West/Bhthinda	Rural	Jan-19	487	246298	5831	7800	170500	4036.51	5399.56	1.34	2591	140000	1472.77
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Jan-19	281	435491	831096	504	40356	77015.85	46.70	0.00	488	75058	84.11
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Jan-19	293	107705	439185	2199	95508	389449.71	1949.98	0.01	2301	101242	2162.93
Punjab	Bathinda	West/Bhthinda	Urban	Feb-19	251	263409	136	802	86925	44.88	264.66	5.90	204	176576	136.75
Punjab	Bathinda	West/Bhthinda	Rural	Feb-19	743	393608	56	235	129891	18.48	77.55	4.20	84	263797	56.30
Punjab	Faridkot	West/Bhthinda	Urban	Feb-19	139	196162	263	944	64733	86.79	311.52	3.59	1079	131529	723.48
Punjab	Faridkot	West/Bhthinda	Rural	Feb-19	584	329752	14534	18098	108818	4796.21	5972.33	1.25	4077	221034	2732.83

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					Ct	Ni	Ti	Ci	$\Sigma Ni * Ci / Ni$	$\Sigma Ti * Ci / Ct$	SAIDI/S	MAIDI/S	Mi		$\Sigma Mi * Ci / Ct$
Punjab	Ferozepur	West/Bhthinda	Urban	Feb-19	106	132245	365	756	34000	93.84	194.37	2.07	714	76000	410.33
Punjab	Ferozepur	West/Bhthinda	Rural	Feb-19	487	246407	2926	9589	170500	2024.63	6635.06	3.28	5132	140000	2915.83
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Feb-19	283	436166	832040	674	40311	76898.16	62.29	0.00	595	74431	101.54
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Feb-19	293	108003	440468	2019	95358	388897.97	1782.62	0.00	1911	101098	1788.82
Punjab	Bathinda	West/Bhthinda	Urban	Mar-19	252	264504	84	496	87286	27.72	163.68	5.90	126	177310	84.46
Punjab	Bathinda	West/Bhthinda	Rural	Mar-19	749	394257	42	176	130105	13.86	58.08	4.19	63	264232	42.22
Punjab	Faridkot	West/Bhthinda	Urban	Mar-19	139	196062	215	176	64700	70.95	58.08	0.82	399	131462	267.53
Punjab	Faridkot	West/Bhthinda	Rural	Mar-19	584	330350	9454	4700	109016	3119.83	1551.01	0.50	2100	221435	1407.64
Punjab	Ferozepur	West/Bhthinda	Urban	Mar-19	106	132562	96	202	34000	24.62	51.81	2.10	430	76000	246.53
Punjab	Ferozepur	West/Bhthinda	Rural	Mar-19	487	246983	1067	4180	170500	736.58	2885.58	3.92	2980	140000	1689.19
Punjab	Sri Muktsar S	West/Bhthinda	Urban	Mar-19	284	436940	832513	371	40398	76971.35	34.30	0.00	484	74616	82.65
Punjab	Sri Muktsar S	West/Bhthinda	Rural	Mar-19	294	108089	441039	1254	95542	389843.08	1108.44	0.00	114724	101098	107303.86
Kolkata	CESC		Urban	Apr-18	1990	3110803	358	63964041	1748549	0.56	20.56	36.58	111	393154	0.13
Kolkata	CESC		Urban	May-18	1994	3212144	289	62766040	1185033	0.37	19.53	52.97	102	288023	0.09
Kolkata	CESC		Urban	Jun-18	1994	3212144	247	48303817	951729	0.30	15.03	50.75	131	504359	0.16
Kolkata	CESC		Urban	18-Jul	1996	3212144	265	45432457	857072	0.27	14.14	53.01	127	463920	0.14
Kolkata	CESC		Urban	Aug-18	2005	3212144	228	29460503	698961	0.22	9.17	42.15	105	386283	0.12
Kolkata	CESC		Urban	Sep-18	2010	3212144	247	31090905	774241	0.24	9.67	40.16	122	471765	0.15
Kolkata	CESC		Urban	Oct-18	2000	3212144	127	20798521	401347	0.12	6.47	51.82	51	201999	0.06
Kolkata	CESC		Urban	Nov-18	2000	3212144	140	20529430	516911	0.16	6.39	39.72	52	188327	0.06
Kolkata	CESC		Urban	Dec-18	1999	3212144	154	19377438	462137	0.14	6.03	41.93	69	286063	0.09
Kolkata	CESC		Urban	Jan-19	2003	3212144	131	18393168	396413	0.12	5.72	46.40	91.00	343061	0.11
Kolkata	CESC		Urban	Feb-19	2005	3212144	194	41127287	756556	0.24	12.80	54.37	90.00	385536	0.12
Kolkata	CESC		Urban	Mar-19	2007	3212144	269	37104006	877540	0.27	11.54	42.28	123.00	407427	0.13
Maharashtra	Tata Power	Metro	Urban	apr-jun18	133	17947	22	312314	6870	0.38	17.4	45.46	6	102624	5.718
Maharashtra	Tata Power	urban	Urban	apr-jun18	97	13622	16	175316	7083	0.52	12.87	24.75	13	77143	5.663
Maharashtra	Tata Power	East	Urban	apr-jun18	166	31778	22	339465	10747	0.34	10.68	31.59	20	626026	19.7
Maharashtra	Tata Power	West	Urban	apr-jun18	67	34521	14	442807	19288	0.56	12.83	22.96	20	674269	19.532
Maharashtra	Tata Power	North	Urban	apr-jun18	41	31186	8	103498	6528	0.21	3.32	15.85	4	115652	3.708
Maharashtra	Tata Power	Metro	Urban	Jul-sep18	133	18454	7	25389	1083	0.06	1.38	23.44	2	36166	1.96
Maharashtra	Tata Power	urban	Urban	Jul-sep18	97	14371	7	61426	2100	0.15	4.27	29.25	7	48800	3.396
Maharashtra	Tata Power	East	Urban	Jul-sep18	166	30495	11	141364	5370	0.18	4.64	26.32	7	223158	7.318
Maharashtra	Tata Power	West	Urban	Jul-sep18	67	35484	6	147569	11685	0.33	4.16	12.63	8	278796	7.857
Maharashtra	Tata Power	North	Urban	Jul-sep18	41	32220	3	24605	1472	0.05	0.76	16.72	7	220410	6.841
Maharashtra	Tata Power	Metro	Urban	oct-dec18	133	18604	9	32939	2360	0.13	1.77	13.96	9	1375	0.074
Maharashtra	Tata Power	urban	Urban	oct-dec18	97	15109	7	2233	159	0.01	0.15	14.04	10	107	0.007
Maharashtra	Tata Power	East	Urban	oct-dec18	166	30713	22	72559	4002	0.13	2.36	18.13	8	731	0.024
Maharashtra	Tata Power	West	Urban	oct-dec18	67	36119	3	26230	2565	0.07	0.73	10.23	11	3210	0.089
Maharashtra	Tata Power	North	Urban	oct-dec18	41	32550	6	45541	3491	0.11	1.4	13.05	8	16420	0.504

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Maharashtra	Tata Power	Metro	Urban	Jan-March1	121	18609	9	16357	1020	0.05	0.88	16.04	3	322	0.017
Maharashtra	Tata Power	urban	Urban	Jan-March1	107	15183	23	63100	3214	0.21	4.16	19.63	13	625	0.041
Maharashtra	Tata Power	East	Urban	Jan-March1	244	31073	17	596657	19938	0.64	19.2	29.93	14	21828	0.702
Maharashtra	Tata Power	West	Urban	Jan-March1	113	36439	9	93666	5090	0.14	2.57	18.4	9	19064	0.523
Maharashtra	Tata Power	North	Urban	Jan-March1	82	33529	5	36979	3111	0.09	1.1	11.89	3	25861	0.771
Maharashtra	Adani	Mumbai	Urban	Apr-18	1163	3011012	199	9877	3833	0.25	12.57	49.63	123	4584	0.19
Maharashtra	Adani	Mumbai	Urban	May-18	1162	3012072	200	7066	3423	0.23	8.03	35.33	138	2880	0.13
Maharashtra	Adani	Mumbai	Urban	Jun-18	1164	3015034	114	4300	2821	0.11	4.02	37.72	86	2730	0.08
Maharashtra	Adani	Mumbai	Urban	Jul-18	1164	3013966	83	2246	2609	0.07	1.94	27.06	60	2398	0.05
Maharashtra	Adani	Mumbai	Urban	Aug-18	1167	3015065	51	1367	3157	0.05	1.43	26.81	43	3166	0.05
Maharashtra	Adani	Mumbai	Urban	Sep-18	1167	3014468	86	3401	2385	0.07	2.69	39.55	60	3124	0.06
Maharashtra	Adani	Mumbai	Urban	Oct-18	1166	3017213	122	3711	3141	0.13	3.86	30.42	94	2629	0.08
Maharashtra	Adani	Mumbai	Urban	Nov-18	1167	3018220	77	2484	3096	0.08	2.55	32.27	66	3510	0.08
Maharashtra	Adani	Mumbai	Urban	Dec-18	1168	3022846	84	2276	2549	0.07	1.92	27.10	77	4280	0.77
Maharashtra	Adani	Mumbai	Urban	Jan-19	1170	3024823	80	1958.52	2470	0.07	1.60	24.48	73	3813.63	0.09
Maharashtra	Adani	Mumbai	Urban	Feb-19	1170	3027972	95	2887.36	2803	0.09	2.67	30.39	78	2857.85	0.12
Maharashtra	Adani	Mumbai	Urban	Mar-19	1180	3032126	133	3552.51	2820	0.12	3.30	26.71	118	3158.12	0.12
Maharashtra	BEST	Mumbai	Urban	Apr-18	3293	1026337	704	20580	8565	0.32	8.38	25.91	28	8565	0.04
Maharashtra	BEST	Mumbai	Urban	May-18	3418	1026337	641	14628	8304	0.27	5.55	20.86	11	8304	0.03
Maharashtra	BEST	Mumbai	Urban	Jun-18	3414	1026337	896	20913	3564	0.34	8.00	23.67	23	3564	0.01
Maharashtra	BEST	Mumbai	Urban	Jul-18	3418	1026337	1014	29335	7837	0.29	8.27	28.20	35	7837	0.05
Maharashtra	BEST	Mumbai	Urban	Aug-18	3418	1026337	634	18650	3719	0.16	4.73	29.20	24	3719	0.03
Maharashtra	BEST	Mumbai	Urban	Sep-18	3297	1026337	596	13734	6746	0.26	5.82	22.19	55	6746	0.04
Maharashtra	BEST	Mumbai	Urban	Oct-18	3297	1026337	693	18902	9481	0.32	7.88	24.43	16	9481	0.05
Maharashtra	BEST	Mumbai	Urban	Nov-18	3297	1026337	414	10667	7594	0.15	3.75	24.81	14	7594	0.05
Maharashtra	BEST	Mumbai	Urban	Dec-18	3297	1026337	533	15616	3082	0.18	5.23	29.25	32	3082	0.02
Maharashtra	BEST	Mumbai	Urban	Jan-19	3297	1026337	434	13866	10090	0.19	5.22	28.20	15	10090	0.05
Maharashtra	BEST	Mumbai	Urban	Feb-19	3297	1026337	495	14509	5732	0.20	5.47	27.12	11	5732	0.01
Maharashtra	BEST	Mumbai	Urban	Mar-19	3297	1026337	514	14709	6414	0.23	5.67	25.15	18	6414	0.03
Gujarat	Torrent	Ahmedabad	MT	Apr-18	1078	1836639	143	12625540.71	328704	0.179	6.874	38.41	0	0	0
Gujarat	Torrent	Gandhinagar	SC	Apr-18	51	66468	2	35204.09	998	0.015	0.53	35.275	0	0	0
Gujarat	Torrent	Surat	Urban	Apr-18	405	605744	19	1023573	37020	0.061	1.69	27.649	0	0	0
Gujarat	Torrent	Ahmedabad	MT	May-18	1082	1840383	207	20045834.64	460898	0.25	10.892	43.493	1	4125	0
Gujarat	Torrent	Gandhinagar	SC	May-18	52	66396	7	700121.97	19760	0.298	10.545	35.431	0	0	0
Gujarat	Torrent	Surat	Urban	May-18	407	606410	16	1047276	30495	0.05	1.727	34.343	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Jun-18	1091	1844507	120	14837507.54	295788	0.16	8.044	50.163	2	69	0
Gujarat	Torrent	Gandhinagar	SC	Jun-18	51	66370	6	236164.45	5229	0.079	3.558	45.164	0	0	0
Gujarat	Torrent	Surat	Urban	Jun-18	407	607007	7	549404	18819	0.031	0.905	29.194	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Jul-18	1093	1848109	99	9913329.05	255642	0.14	5.36	38.78	1	6	0

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Gujarat	Torrent	Gandhinagar	SC	Jul-18	51	66103	5	316832.36	10909	0.17	4.79	29.04	0	0	0
Gujarat	Torrent	Surat	Urban	Jul-18	408	607542	7	325892	11722	0.02	0.54	27.8	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Aug-18	1090	1852972	63	6345127.3	170200	0.09	3.42	37.28	1	88	0
Gujarat	Torrent	Gandhinagar	SC	Aug-18	51	66161	2	13638.64	380	0.01	0.21	35.89	0	0	0
Gujarat	Torrent	Surat	Urban	Aug-18	408	607664	6	332656.28	9190	0.02	0.55	36.2	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Sep-18	1098	1856211	90	8111878.88	207817	0.11	4.37	39.03	2	5045	0
Gujarat	Torrent	Gandhinagar	SC	Sep-18	51	66052	7	384536.38	17350	0.26	5.82	22.16	0	0	0
Gujarat	Torrent	Surat	Urban	Sep-18	408	607947	6	468841	10841	0.02	0.77	43.25	0	0	0
Gujarat	Torrent	Data not furnished for October 2018													
Gujarat	Torrent	Ahmedabad	MT	Nov-18	1111	1862483	57	4973850.86	154780	0.08	2.67	32.13	0	0	0
Gujarat	Torrent	Gandhinagar	SC	Nov-18	51	65950	1	2340	104	0	0.04	22.5	0	0	0
Gujarat	Torrent	Surat	Urban	Nov-18	409	607549	1	429962.2	12638	0.02	0.71	34.02	0	0	0
Gujarat	Torrent	Data not furnished for December 2018													
Gujarat	Torrent	Ahmedabad	MT	Jan-19	1124	1867606	92	8428361	254134	0.14	4.51	33.17	0	0	0
Gujarat	Torrent	Gandhinagar	SC	Jan-19	53	65518	5	418474.95	13280	0.2	6.39	31.51	0	0	0
Gujarat	Torrent	Surat	Urban	Jan-19	409	610608	14	1822859.84	30692	0.05	2.99	59.39	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Feb-19	1135	1871224	129	11844944.54	312742	0.17	6.33	37.87	2	2191	0
Gujarat	Torrent	Gandhinagar	SC	Feb-19	54	65433	6	295148.68	13103	0.2	4.51	22.53	0	0	0
Gujarat	Torrent	Surat	Urban	Feb-19	411	611066	6	524647.53	13154	0.02	0.86	39.89	0	0	0
Gujarat	Torrent	Ahmedabad	MT	Mar-19	1153	1875508	115	9772941.42	281265	0.15	5.21	34.75	0	0	0
Gujarat	Torrent	Gandhinagar	SC	Mar-19	54	65528	5	323995.91	12722	0.19	4.94	25.47	0	0	0
Gujarat	Torrent	Surat	Urban	Mar-19	418	612428	10	982382.33	17485	0.03	1.6	56.18	0	0	0
Gujarat	UGVCL	Sabarmati	Urban	Apr-18	521	395262	615	1112:58:00	235993	1.56	02:12:42	01:25	794	325044	2.5
Gujarat	UGVCL	Mehsana	Urban	Apr-18	187	263415	108	124:553	139238	1.06	01:08:36	01:04	240	222304	1.84
Gujarat	UGVCL	Palanpur	Urban	Apr-18	89	186596	194	408:08:00	167581	3.07	02:42:06	00:52	253	180816	3.54
Gujarat	UGVCL	Himatnagar	Urban	Apr-18	83	116151	99	148:40:00	94947	2.2	01:55:11	00:52	118	100193	3.85
Gujarat	UGVCL	Sabarmati	Rural	Apr-18	592	531982	1627	3495:20:00	388081	2.27	03:52:35	01:42	2681	519061	5.35
Gujarat	UGVCL	Mehsana	Rural	Apr-18	839	607350	603	892:03:00	294593	0.88	01:10:04	01:19	2025	566508	3.62
Gujarat	UGVCL	Palanpur	Rural	Apr-18	1545	623878	3721	6084:48:00	480607	2.63	04:58:25	01:53	6265	595075	5.56
Gujarat	UGVCL	Himatnagar	Rural	Apr-18	672	632068	1556	2462:38:00	484242	2.1	03:09:10	01:30	2140	521776	3.28
Gujarat	UGVCL	Sabarmati	Urban	May-18	522	395036	756	1504:19:00	282367	1.83	03:09:59	01:43	827	325415	2.63
Gujarat	UGVCL	Mehsana	Urban	May-18	194	263746	132	198:38:00	138274	1.12	00:48:55	00:43	230	214692	1.83
Gujarat	UGVCL	Palanpur	Urban	May-18	91	186754	178	215:50:00	168460	2.98	02:35:28	00:52	234	170861	2.87
Gujarat	UGVCL	Himatnagar	Urban	May-18	83	118099	121	159:03:00	101194	2.8	02:45:22	00:59	88	106136	2.55
Gujarat	UGVCL	Sabarmati	Rural	May-18	591	562718	1599	3190:02:00	438618	2.68	04:08:36	01:32	2465	540768	5.19
Gujarat	UGVCL	Mehsana	Rural	May-18	843	608537	760	1286:16:00	305202	1	01:33:09	01:33	1906	555835	3.34
Gujarat	UGVCL	Palanpur	Rural	May-18	1554	637774	3768	6306:04:00	501371	2.67	04:34:33	01:42	6363	582267	4.97
Gujarat	UGVCL	Himatnagar	Rural	May-18	673	631226	1471	2362:26:00	508946	2.15	03:39:13	01:42	2082	577168	3.09
Gujarat	UGVCL	Sabarmati	Urban	Jun-18	522	398523	946	1598:07:00	300153	2.21	03:16:30	01:29	908	332318	3.22
Gujarat	UGVCL	Mehsana	Urban	Jun-18	195	264297	300	521:33:00	221617	2.49	02:40:54	01:04	373	252059	3.12
Gujarat	UGVCL	Palanpur	Urban	Jun-18	91	189755	253	321:13:00	172022	3.3	02:57:29	00:53	284	186966	4.07

RI of Discoms/PDs based on Consumers affected due to interruptions:

Name of State/Uts	Name of Discom/PDs	Name of circle/Area	Type of Circle/areas (Rural/Urban)	Month of reporting	Total Nos of feeders(U/R) in the circle/area	Total Nos of consumers(U/R) in the feeders in the circle/area	Nos of interruptions(>3min/5 min/10 min)	Duration of interruptions considered(> 3min/5min/10 min)	Nos of consumer in affected feeders	SAIFI=Number of interruptions /consumer	SAIDI = (Minutes /consumer)	CAIDI Minutes	Nos of momentary Interruptions (<3min/5min/10 min)@	Nos of consumer in interrupted feeders	MAIFI
						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Gujarat	UGVCL	Himatnagar	Urban	Jun-18	85	118105	225	284:56:00	110923	4.45	03:36:13	00:48	139	117884	3.1
Gujarat	UGVCL	Sabarmati	Rural	Jun-18	591	564766	2396	4313:26:00	498793	4.51	06:50:19	01:31	2651	559587	5.76
Gujarat	UGVCL	Mehsana	Rural	Jun-18	846	614255	1555	2572:04:00	476213	2.33	03:42:02	01:35	3018	584656	5.11
Gujarat	UGVCL	Palanpur	Rural	Jun-18	1563	651877	5887	9345:38:00	600473	4.95	06:37:36	01:20	6658	624253	6.08
Gujarat	UGVCL	Himatnagar	Rural	Jun-18	678	631463	1772	2496:08:00	594485	3.48	04:45:51	01:22	3308	609025	5.21
Gujarat	UGVCL	Mehsana	Rural	Jul-18	851	611731	1611	2284:19:05	395068	2.12	2:32:01	1:11	3675	581652	5.83
Gujarat	UGVCL	Palanpur	Rural	Jul-18	1577	655156	6099	9795:58:00	604298	4.48	5:44:11	1:16	6756	644160	6.24
Gujarat	UGVCL	Himatnagar	Rural	Jul-18	684	636522	1517	1977:00:00	546882	2.67	3:19:42	1:14	2471	590824	3.62
Gujarat	UGVCL	Sabarmati	Urban	Aug-18	527	425197	923	1265:57:00	300035	1.96	2:25:56	1:14	889	345743	3.01
Gujarat	UGVCL	Mehsana	Urban	Aug-18	199	267910	194	240:43:00	197321	1.61	1:34:23	0:58	341	226571	2.47
Gujarat	UGVCL	Palanpur	Urban	Aug-18	91	194426	248	307:49:00	177331	3.40	3:20:01	0:58	192	181786	2.57
Gujarat	UGVCL	Himatnagar	Urban	Aug-18	86	118268	178	164:33:30	103140	3.63	1:43:40	0:28	88	106151	2.32
Gujarat	UGVCL	Sabarmati	Rural	Aug-18	602	571917	2364	3525:49:00	511147	3.89	4:47:46	1:14	3189	566788	6.46
Gujarat	UGVCL	Mehsana	Rural	Aug-18	851	611246	1290	1743:05:00	379650	1.56	1:41:56	0:05	3264	593124	4.79
Gujarat	UGVCL	Palanpur	Rural	Aug-18	1582	653346	5878	9037:40:15	602921	3.90	4:55:39	1:15	6510	643097	5.41
Gujarat	UGVCL	Himatnagar	Rural	Aug-18	686	637082	2005	2754:10:00	569412	2.99	3:53:45	1:18	2592	615436	3.80
Gujarat	UGVCL	Sabarmati	Urban	Sep-18	531	433030	766	1310:45:00	237709	1.46	1:48:37	1:14	752	328449	2.51
Gujarat	UGVCL	Mehsana	Urban	Sep-18	199	269015	140	204:31:00	117282	0.95	0:53:20	0:56	326	196600	2.46
Gujarat	UGVCL	Palanpur	Urban	Sep-18	92	194742	133	220:04:00	142083	1.64	2:26:24	1:29	177	160723	2.32
Gujarat	UGVCL	Himatnagar	Urban	Sep-18	88	118370	126	85:44:30	87266	2.60	1:24:43	0:32	104	87207	2.63
Gujarat	UGVCL	Sabarmati	Rural	Sep-18	599	591543	2181	3235:32:00	497462	3.35	4:00:03	1:11	2765	575818	5.42
Gujarat	UGVCL	Mehsana	Rural	Sep-18	851	611338	1070	1576:39:00	374245	1.36	1:57:03	1:26	2863	576102	4.52
Gujarat	UGVCL	Palanpur	Rural	Sep-18	1591	657509	4428	7126:05:00	552013	2.76	3:48:58	1:22	5919	637996	4.62
Gujarat	UGVCL	Himatnagar	Rural	Sep-18	689	637094	1621	2130:46:00	497376	2.20	2:48:00	1:16	2282	569797	3.35
Gujarat	UGVCL	Sabarmati	Urban	Oct-18	539	433103	647	1147:29:00	278042	1.40	2:09:47	1:32	735	337928	2.53
Gujarat	UGVCL	Mehsana	Urban	Oct-18	200	271124	145	275:04:00	149407	0.93	1:41:32	1:48	259	200855	1.75
Gujarat	UGVCL	Palanpur	Urban	Oct-18	92	195090	141	171:03:00	133943	1.62	1:23:37	0:51	153	159778	2.06
Gujarat	UGVCL	Himatnagar	Urban	Oct-18	88	118369	90	78:08:00	89661	1.60	1:06:40	0:41	74	96415	1.77
Gujarat	UGVCL	Sabarmati	Rural	Oct-18	600	591394	1655	2949:57:05	458130	2.22	3:35:17	1:36	2456	550711	4.98
Gujarat	UGVCL	Mehsana	Rural	Oct-18	855	612595	853	1221:54:00	304177	1.15	1:41:31	1:28	2667	578763	4.50
Gujarat	UGVCL	Palanpur	Rural	Oct-18	1607	663216	3373	4644:24:00	519544	2.50	2:53:36	1:09	5497	632954	4.59
Gujarat	UGVCL	Himatnagar	Rural	Oct-18	698	637395	1529	2007:31:00	508181	2.01	2:37:47	1:18	1972	568077	2.71
Gujarat	UGVCL	Sabarmati	Urban	Nov-18	543	433295	447	678:43:15	200099	1.05	1:02:43	0:59	699	320965	2.49
Gujarat	UGVCL	Mehsana	Urban	Nov-18	201	271496	112	219:40:00	142661	0.84	1:10:52	1:24	268	210849	1.84
Gujarat	UGVCL	Palanpur	Urban	Nov-18	93	195371	137	105:36:00	144162	2.43	1:36:35	0:39	157	161558	2.19
Gujarat	UGVCL	Himatnagar	Urban	Nov-18	88	118369	128	153:46:00	97792	2.68	1:43:58	0:40	98	98797	2.64
Gujarat	UGVCL	Sabarmati	Rural	Nov-18	603	591882	1328	2243:51:00	387323	1.74	2:34:24	1:28	2192	555990	4.29
Gujarat	UGVCL	Mehsana	Rural	Nov-18	857	613842	673	1078:34:00	296390	0.96	1:29:59	1:34	2408	562692	4.02
Gujarat	UGVCL	Palanpur	Rural	Nov-18	1617	665363	2727	4007:26:00	469476	1.91	2:35:35	1:21	5001	621140	3.97
Gujarat	UGVCL	Himatnagar	Rural	Nov-18	698	645064	1526	2480:44:00	452988	1.71	2:28:54	1:27	2179	571712	3.06
Gujarat	UGVCL	Sabarmati	Urban	Dec-18	549	433418	609	1132:39:20	240075	1.39	2:12:45	1:35	713	344295	2.84
Gujarat	UGVCL	Mehsana	Urban	Dec-18	202	277382	114	281:45:00	93155	0.70	1:20:09	1:54	278	210045	2.44

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Gujarat	UGVCL	Palanpur	Urban	Dec-18	93	196283	146	158:33:00	150061	1.99	1:39:36	0:50	166	167721	2.22
Gujarat	UGVCL	Himatnagar	Urban	Dec-18	88	118369	127	163:10:00	99455	3.07	2:15:42	0:44	96	111934	2.98
Gujarat	UGVCL	Sabarmati	Rural	Dec-18	605	592358	1547	3130:35:55	447670	2.17	3:36:16	1:39	2315	572896	4.63
Gujarat	UGVCL	Mehsana	Rural	Dec-18	857	614090	688	1049:42:00	313137	0.96	1:37:05	1:41	2125	569446	3.77
Gujarat	UGVCL	Palanpur	Rural	Dec-18	1628	668123	3328	5327:38:55	500839	2.08	3:08:52	1:30	5184	625002	4.04
Gujarat	UGVCL	Himatnagar	Rural	Dec-18	699	644060	1791	3111:02:04	479407	1.98	3:17:16	1:39	2110	587629	3.05
Gujarat	UGVCL	Sabarmati	Urban	Jan-19	554	435256	680	1068:15:00	262512	1.73	2:28:31	1:25	870	341534	3.63
Gujarat	UGVCL	Mehsana	Urban	Jan-19	204	275711	156	253:07:00	155973	1.27	2:00:34	1:35	366	264458	3.68
Gujarat	UGVCL	Palanpur	Urban	Jan-19	93	196833	208	267:48:00	173593	2.96	3:18:27	1:07	175	168362	2.51
Gujarat	UGVCL	Himatnagar	Urban	Jan-19	88	122517	118	87:11:00	100985	3.09	1:28:18	0:28	95	107767	2.56
Gujarat	UGVCL	Sabarmati	Rural	Jan-19	606	592129	1650	2865:34:00	442882	2.69	3:32:34	1:18	2296	571285	4.64
Gujarat	UGVCL	Mehsana	Rural	Jan-19	857	615554	658	825:55:00	324654	1.08	1:29:23	1:22	2069	593722	4.74
Gujarat	UGVCL	Palanpur	Rural	Jan-19	1651	672187	2921	4161:01:30	499310	2.10	2:52:01	1:22	4873	629089	4.05
Gujarat	UGVCL	Himatnagar	Rural	Jan-19	699	647079	1358	1748:52:50	478951	1.86	2:16:10	1:13	1849	573991	2.79
Gujarat	UGVCL	Sabarmati	Urban	Feb-19	557	443493	550	936:19:00	227357	1.05	1:30:48	1:26	600	295874	1.88
Gujarat	UGVCL	Mehsana	Urban	Feb-19	204	275834	142	254:27:00	128620	0.85	1:07:33	1:19	261	245837	1.96
Gujarat	UGVCL	Palanpur	Urban	Feb-19	93	197352	159	249:14:00	144162	2.03	2:27:27	1:12	146	171463	2.14
Gujarat	UGVCL	Himatnagar	Urban	Feb-19	88	122517	136	123:41:00	106966	3.21	3:13:48	1:00	89	102160	2.36
Gujarat	UGVCL	Sabarmati	Rural	Feb-19	606	582781	1290	2494:59:05	400209	1.64	2:21:06	1:26	1698	554300	3.42
Gujarat	UGVCL	Mehsana	Rural	Feb-19	858	616634	633	877:33:05	350198	0.95	1:20:19	1:24	1774	565869	3.32
Gujarat	UGVCL	Palanpur	Rural	Feb-19	1654	674358	2585	3806:26:00	468374	1.87	2:16:14	1:13	4600	62054	3.59
Gujarat	UGVCL	Himatnagar	Rural	Feb-19	706	647060	1588	2412:42:00	570668	2.16	3:22:19	1:33	1756	561412	2.49
Gujarat	UGVCL	Sabarmati	Urban	Mar-19	563	438111	451	491:18:00	226580	0.98	0:51:37	0:52	732	312391	2.27
Gujarat	UGVCL	Mehsana	Urban	Mar-19	203	278661	96	84:43:00	76597	0.62	0:23:40	0:38	230	214185	1.72
Gujarat	UGVCL	Palanpur	Urban	Mar-19	93	196683	133	118:29:00	128665	1.83	1:25:21	0:46	160	179770	2.39
Gujarat	UGVCL	Himatnagar	Urban	Mar-19	88	122517	69	52:19:20	95443	1.57	0:57:49	0:36	74	101395	2.12
Gujarat	UGVCL	Sabarmati	Rural	Mar-19	610	596652	1208	1646:23:00	375975	1.70	1:50:21	1:05	2169	566241	4.33
Gujarat	UGVCL	Mehsana	Rural	Mar-19	864	620101	516	667:10:00	255569	0.64	0:40:17	1:03	2139	581731	3.71
Gujarat	UGVCL	Palanpur	Rural	Mar-19	1654	678783	2677	3471:16:00	444161	1.63	1:48:03	:06	5505	631409	4.19
Gujarat	UGVCL	Himatnagar	Rural	Mar-19	708	647060	1466	2117:37:50	463046	1.64	2:25:28	1:28	1671	535244	2.34
Gujarat	DGVCL					Data not furnished for April, May and June 2018									
Gujarat	DGVCL	Bharuch	Urban	Jul-18	186	223537	1155	79871	214103	8.38	433.84	51.80	966	206064	8.11
Gujarat	DGVCL	Bharuch	Urban	Aug-18	186	223867	919	71311	207793	6.11	428.07	70.07	901	206468	6.87
Gujarat	DGVCL	Bharuch	Urban	Sep-18	186	224237	743	65091	219779	4.70	408.60	87.01	1184	214795	5.48
Gujarat	DGVCL	Bharuch	Rural	Jul-18	268	334727	2398	222469	323571	13.02	870.26	66.82	7693	329345	33.60
Gujarat	DGVCL	Bharuch	Rural	Aug-18	270	335288	2155	182437	328812	11.07	713.97	64.50	7470	330280	29.18
Gujarat	DGVCL	Bharuch	Rural	Sep-18	277	336548	1748	148371	330073	7.40	526.83	71.19	10000	323655	24.57
Gujarat	DGVCL	Surat	Urban	Jul-18	130	225124	526	36045	140321	6.06	217.02	35.79	610	98121	7.29
Gujarat	DGVCL	Surat	Urban	Aug-18	0	226126	505	28555	133201	5.79	331.49	57.21	505	82152	6.99
Gujarat	DGVCL	Surat	Urban	Sep-18	0	226890	516	32158	139012	5.95	210.51	35.38	515	88102	7.10
Gujarat	DGVCL	Surat	Rural	Jul-18	517	641700	1260	91645	188701	7.86	419.61	53.32	50120	280606	12.54

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Gujarat	DGVCL	Surat	Rural	Aug-18	0	647056	1275	103255	193844	7.87	434.61	55.20	6805	335159	12.81
Gujarat	DGVCL	Surat	Rural	Sep-18	0	651467	1190	110440	217710	8.26	417.52	50.53	7512	333833	12.98
Gujarat	DGVCL	Surat City	Urban	Jul-18	306	669681	1310	71586	561439	5.71	221.67	38.82	571	431429	3.31
Gujarat	DGVCL	Surat City	Urban	Aug-18	309	671109	1131	71702	514099	4.30	222.82	51.84	560	508942	2.76
Gujarat	DGVCL	Surat City	Urban	Sep-18	309	673430	984	83804	513041	3.77	250.74	66.46	453	524756	2.43
Gujarat	DGVCL	Surat City	Rural	Jul-18	38	68888	269	7951	58258	7.01	251.07	35.81	301	52845	7.95
Gujarat	DGVCL	Surat City	Rural	Aug-18	39	69758	207	15805	61885	4.25	305.84	71.92	289	63401	7.42
Gujarat	DGVCL	Surat City	Rural	Sep-18	39	69758	192	15205	69758	5.15	407.80	79.20	279	64065	8.12
Gujarat	DGVCL	Valsad	Urban	Jul-18	257	386496	1538	115771	359213	7.24	484.06	66.87	1838	369852	12.67
Gujarat	DGVCL	Valsad	Urban	Aug-18	260	386840	1220	114139	375652	5.92	468.52	79.19	1546	337968	10.26
Gujarat	DGVCL	Valsad	Urban	Sep-18	260	386848	919	84897	355708	3.95	342.58	86.77	1295	345658	8.03
Gujarat	DGVCL	Valsad	Rural	Jul-18	292	623775	4504	539534	621654	18.57	1482.57	79.83	10731	621086	49.39
Gujarat	DGVCL	Valsad	Rural	Aug-18	295	626018	3758	429669	621093	14.20	1164.60	82.02	9987	622636	44.16
Gujarat	DGVCL	Valsad	Rural	Sep-18	300	628578	3134	366619	623805	10.57	1007.88	95.39	9245	623306	35.03
Gujarat	DGVCL	Data not furnished for October, November and December 2018													
Gujarat	DGVCL	Bharuch	Urban	Jan-19	188	199963	528	49298	192752	4.04	228.29	56.49	966	195699	5.60
Gujarat	DGVCL	Bharuch	Urban	Feb-19	188	199469	467	56890	191145	2.20	243.44	110.82	395	192470	1.91
Gujarat	DGVCL	Bharuch	Urban	Mar-19	189	198639	519	39620	191022	3.21	231.10	71.95	457	190302	2.59
Gujarat	DGVCL	Bharuch	Rural	Jan-19	278	370851	1557	189638	310212	6.80	524.73	77.21	4142	326202	15.93
Gujarat	DGVCL	Bharuch	Rural	Feb-19	270	372739	1196	145444	327457	4.25	388.22	91.45	3672	328925	11.91
Gujarat	DGVCL	Bharuch	Rural	Mar-19	278	369993	1108	120179	289507	3.81	271.99	71.45	3978	313375	14.22
Gujarat	DGVCL	Surat- R	Urban	Jan-19	132	203369	402	36005	130111	5.35	177.46	33.18	325	75021	4.87
Gujarat	DGVCL	Surat- R	Urban	Feb-19	133	203622	385	28505	129010	5.24	324.21	61.90	365	71211	6.49
Gujarat	DGVCL	Surat- R	Urban	Mar-19	135	210565	360	28445	129010	5.00	312.18	62.41	305	70121	6.04
Gujarat	DGVCL	Surat- R	Rural	Jan-19	549	727025	902	110340	199779	6.09	410.41	67.37	5820	308281	11.05
Gujarat	DGVCL	Surat- R	Rural	Feb-19	550	730592	845	103155	178376	5.84	419.60	71.83	5320	288366	12.07
Gujarat	DGVCL	Surat- R	Rural	Mar-19	555	719194	805	103205	155986	5.63	417.11	74.09	5121	259887	11.85
Gujarat	DGVCL	SURAT-CITY	Urban	Jan-19	318	606974	746	69528	570041	5.16	269.34	52.20	423	78884	4.63
Gujarat	DGVCL	SURAT-CITY	Urban	Feb-19	322	608598	495	68970	520761	3.88	221.94	57.19	252	505356	2.34
Gujarat	DGVCL	SURAT-CITY	Urban	Mar-19	323	604355	468	38418	507978	2.51	125.29	49.90	231	495182	2.18
Gujarat	DGVCL	SURAT-CITY	Rural	Jan-19	40	69484	258	17384	6056	4.56	291.67	63.96	168	56890	8.24
Gujarat	DGVCL	SURAT-CITY	Rural	Feb-19	40	65895	165	9108	48252	4.03	230.53	57.23	82	58667	4.98
Gujarat	DGVCL	SURAT-CITY	Rural	Mar-19	41	68283	163	9980	60265	4.45	292.00	65.56	89	62164	4.59
Gujarat	DGVCL	Valsad	Urban	Jan-19	264	347530	817	87072	315958	5.20	533.09	102.60	1168	320565	10.96
Gujarat	DGVCL	Valsad	Urban	Feb-19	264	348249	584	45102	342289	2.85	222.09	77.83	891	339287	6.49
Gujarat	DGVCL	Valsad	Urban	Mar-19	264	346761	760	103054	320997	3.61	388.18	107.45	727	340686	5.42
Gujarat	DGVCL	Valsad	Rural	Jan-19	310	688099	1047	137011	62682	9.42	1191.35	126.41	3213	62477	33.39
Gujarat	DGVCL	Valsad	Rural	Feb-19	311	689008	1070	122320	61616	10.42	1167.99	112.09	3387	63383	38.19
Gujarat	DGVCL	Valsad	Rural	Mar-19	313	690614	1154	185447	61279	10.64	2017.25	189.65	2941	63613	30.33
AP	APEPDCL	ELURU	Urban	Apr 18-Jun1	109	311421	3910	11290722	4395188	14	652	46.17			
AP	APEPDCL	ELURU	Rural	Apr 18-Jun1	592	767677	46367	143622502	22190983	29	1432	49.54			

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					Ct	Ni	Ti	Ci	$\sum Ni * Ci / Ni$	$\sum Ti * Ci / Ct$	SAIDI/S	MAIFI			$\sum Mi * Ci / Ct$
AP	APEPDCL	RAJAHMUNDRY	Urban	Apr 18-Jun1	168	503244	4261	12480318	4931791	10	460	46.97			
AP	APEPDCL	RAJAHMUNDRY	Rural	Apr 18-Jun1	357	809135	25367	82435486	21169930	26	1350	51.6			
AP	APEPDCL	SRIKAKULAM	Urban	Apr 18-Jun1	39	130426	859	246720	779513	6	300	50.2			
AP	APEPDCL	SRIKAKULAM	Rural	Apr 18-Jun1	209	518256	19430	56823429	17694987	34	1581	46.3			
AP	APEPDCL	VISAKHAPATNAM	Urban	Apr 18-Jun1	394	847558	5747	18341586	4624841	5	301	55.16			
AP	APEPDCL	VISAKHAPATNAM	Rural	Apr 18-Jun1	226	409805	7113	23936689	4888974	12	665	55.77			
AP	APEPDCL	VIZAINGARAM	Urban	Apr 18-Jun1	56	155336	1108	3805722	1098226	7	415	58.7			
AP	APEPDCL	VIZAINGARAM	Rural	Apr 18-Jun1	184	389395	15312	47336277	13443213	35	1712	49.59			
AP	APEPDCL	ELURU	Urban	July18-Sep1	109	314626	4174	11986304	4708902	15	675	45.12			
AP	APEPDCL	ELURU	Rural	July18-Sep1	593	768333	76251	200428271	36052745	47	1816	38.7			
AP	APEPDCL	RAJAHMUNDRY	Urban	July18-Sep1	171	502947	4544	9710020	5240708	10	349	33.49			
AP	APEPDCL	RAJAHMUNDRY	Rural	July18-Sep1	360	808868	40871	96557483	32055439	40	1480	37.35			
AP	APEPDCL	SRIKAKULAM	Urban	July18-Sep1	39	131114	973	2780691	951888	7	319	43.89			
AP	APEPDCL	SRIKAKULAM	Rural	July18-Sep1	211	520558	29982	64683368	26584897	51	1765	34.56			
AP	APEPDCL	VISAKHAPATNAM	Urban	July18-Sep1	375	830565	6420	17416825	5168883	6	241	38.73			
AP	APEPDCL	VISAKHAPATNAM	Rural	July18-Sep1	228	409540	10116	30074637	6422952	16	797	50.82			
AP	APEPDCL	VIZAINGARAM	Urban	July18-Sep1	56	156347	799	1723846	845316	5	189	34.89			
AP	APEPDCL	VIZAINGARAM	Rural	July18-Sep1	184	390591	20852	49140566	16301966	42	1477	35.4			
AP	APEPDCL	Data not furnished for October 2018 -March 2019													
AP	APSPDCL	Anantapuram	URBAN	Apr 18-June	124	564450	1301	19070	15184	35	513	15	777	105335	145
AP	APSPDCL	TIRUPATI	URBAN	Apr 18-June	183	510962	783	11812	22494	34	520	15	128	479026	120
AP	APSPDCL	KADAPA	URBAN	Apr 18-June	137	398225	970	14281	14444	35	518	15	512	99556	128
AP	APSPDCL	KURNOOL	URBAN	Apr 18-June	141	360848	463	7109	26496	34	522	15	225	224527	140
AP	APSPDCL	VIJAYWADA	URBAN	Apr 18-June	278	540282	4346	169346	539166	17	647	38	218	22105	9
AP	APSPDCL	CRDA	URBAN	Apr 18-June	67	163493	227	1136	2568	6	28	5	85	351	0.18
AP	APSPDCL	GUNTUR	URBAN	Apr 18-June	245	575575	105	623	84946	6	52	8	68	13107	2
AP	APSPDCL	ONGOLE	URBAN	Apr 18-June	120	277731	339	7457	18745	23	503	22	407	98789	145
AP	APSPDCL	NELLORE	RURAL	Apr 18-June	142	386699	833	38345	53458	24	782	32	739	55078	105
AP	APSPDCL	ANANTAPURAM	RURAL	Apr 18-June	806	914744	1077	19546	56861	67	1215	18	776	413946	351
AP	APSPDCL	TIRUPATI	RURAL	Apr 18-June	1241	1120101	1037	19269	71790	66	1235	19	268	766515	183
AP	APSPDCL	KADAPA	RURAL	Apr 18-June	922	644140	1124	20407	38509	67	1220	18	640	335607	333
AP	APSPDCL	KURNOOL	RURAL	Apr 18-June	770	932916	456	8582	134795	66	1240	19	266	772100	220
AP	APSPDCL	VIJAYWADA	RURAL	Apr 18-June	723	1174591	30023	1207579	1173140	46	1701	37	739	24295	15
AP	APSPDCL	CRDA	RURAL	Apr 18-June	153	346831	276	1407	14347	16	83	5	108	894	0.28
AP	APSPDCL	GUNTUR	RURAL	Apr 18-June	479	731669	113	851	731669	18	156	9	58	152797	12
AP	APSPDCL	ONGOLE	RURAL	Apr 18-June	890	972856	501	21657	55012	28	1225	43	754	345780	268
AP	APSPDCL	NELLORE	URBAN	Apr 18-June	798	907128	2060	65784	109471	50	1666	33	1672	114043	210
AP	APSPDCL	ANANTAPURAM	URBAN	July 18-Sep1	124	566829	313	4849	228051	25	391	15	802	228051	65
AP	APSPDCL	TIRUPATI	URBAN	July 18-Sep1	183	511682	151	2738	508518	24	432	18	475	508518	74
AP	APSPDCL	KADAPA	URBAN	July 18-Sep1	133	410595	399	6052	145373	25	382	15	268	145373	16
AP	APSPDCL	KURNOOL	URBAN	July 18-Sep1	145	370367	109	2207	368336	26	519	20	374	368336	96

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						Ct	Ni	Ti	Ci	ΣNi*Ci/Nt	ΣTi*Ci/Ct	SAIDI/S	Mi		ΣMi*Ci/Ct
AP	APSPDCL	VIJAYWADA	URBAN	July 18-Sep	278	540794	4020	172166	540794	16	617	39	250	83759	8
AP	APSPDCL	CRDA	URBAN	July 18-Sep	41	215299	154	850	8653	3	18	6	141	2810	1
AP	APSPDCL	GUNTUR	URBAN	July 18-Sep	245	795417	603	6392	74900	6	55	9	149	17661	3
AP	APSPDCL	ONGOLE	URBAN	July 18-Sep	133	277931	357	4718	19257	25	327	13	415	15784	24
AP	APSPDCL	NELLORE	RURAL	July 18-Sep	142	389131	802	32594	53557	28	1159	41	954	89026	50
AP	APSPDCL	ANANTAPURAM	RURAL	July 18-Sep	806	919546	533	12173	430990	50	1130	23	801	430990	73
AP	APSPDCL	TIRUPATI	RURAL	July 18-Sep	1241	1121701	350	7880	1039867	49	1072	22	904	1039867	124
AP	APSPDCL	KADAPA	RURAL	July 18-Sep	933	512931	671	15451	274665	50	1164	23	642	274665	49
AP	APSPDCL	KURNOOL	RURAL	July 18-Sep	787	941675	235	5869	780849	51	1246	25	478	780849	101
AP	APSPDCL	VIJAYWADA	RURAL	July 18-Sep	723	1176766	25768	958204	1176766	38	1362	36	760	144884	16
AP	APSPDCL	CRDA	RURAL	July 18-Sep	140	590660	768	6895	10066	6	59	9	192	6011	1
AP	APSPDCL	GUNTUR	RURAL	July 18-Sep	479	645652	684	7039	117977	33	348	11	242	36640	4
AP	APSPDCL	ONGOLE	RURAL	July 18-Sep	892	988741	401	15378	78578	32	1222	38	570	24578	14
AP	APSPDCL	NELLORE	RURAL	July 18-Sep	798	911311	3026	69281	141204	94	2166	23	2113	331194	132
AP	APSPDCL	Data not furnished for October 2018 -March 2019													
Karnataka	CESCL	Mysuru Circle	Urban	FY18-19	356	659554	99253	6604122	659554	279	18551	67	75985	659554	213
Karnataka	CESCL	Chh-kodagu circle	Urban	FY18-19	141	340451	81350	3874009	340451	577	27475	48	58101	340451	412
Karnataka	CESCL	Mandya Circle	Urban	FY18-19	172	390149	123073	5229607	390149	716	30405	42	74064	390149	431
Karnataka	CESCL	Hassan Circle	Rural	FY18-19	224	543189	86754	5350417	543189	387	23886	62	64753	543189	289
Karnataka	CESCL	Mysure Circle	Rural	FY18-19	221	526528	116194	4611200	526528	526	20865	40	91501	526528	414
Karnataka	CESCL	Chh-kodagu circle	Rural	FY18-19	137	237198	21027	1325412	237198	153	9675	63	43717	237198	319
Karnataka	CESCL	Mandya Circle	Rural	FY18-19	244	300135	79101	2965084	300135	324	12152	37	104701	300135	429
Karnataka	CESCL	Hassan Circle	Rural	FY18-19	253	167849	59225	4422505	167849	234	17480	75	114833	167849	454
Karnataka	HESCOM	Hubballi	Urban	FY18-19	167	535269	57258	1916214	535269	57258	1916214	33	0	0	0
Karnataka	HESCOM	Haveri	Urban	FY18-19	45	138220	18297	811715	138220	18297	811715	44	0	0	0
Karnataka	HESCOM	sirsi	Urban	FY18-19	51	177395	11773	222693	177395	11773	222693	19	6283	130135	4609
Karnataka	HESCOM	Belagavi	Urban	FY18-19	80	285819	9975	466302	285819	9975	466302	47	317	193949	215
Karnataka	HESCOM	Chikkodi	Urban	FY18-19	17	96837	6486	163653	96837	6486	163653	25	0	0	0
Karnataka	HESCOM	Vijayapur	Urban	FY18-19	37	189577	26656	630358	189577	26656	630358	24	153	44481	36
Karnataka	HESCOM	Bagalkot	Rural	FY18-19	51	213255	21005	730134	213255	21005	730134	35	1534	128450	924
Karnataka	HESCOM	Hubballi	Rural	FY18-19	230	437578	244075	33824290.77	437578	244075	33824291	139	0	0	0
Karnataka	HESCOM	Haveri	Rural	FY18-19	351	380412	363159	81450175	380412	363159	81450175	224	0	0	0
Karnataka	HESCOM	sirsi	Rural	FY18-19	113	330033	76045	2065341.503	330033	76045	2065342	27	22658	219512	15070
Karnataka	HESCOM	Belagavi	Rural	FY18-19	517	629584	533938	9522367.8	629584	533938	95223368	178	0	0	0
Karnataka	HESCOM	Chikkodi	Rural	FY18-19	484	432540	411003	83314104.48	432540	411003	83314104	203	0	0	0
Karnataka	HESCOM	Vijayapur	Rural	FY18-19	472	489747	381185	99631145.4	489747	381185	99631145	261	1279	148532	388
Karnataka	HESCOM	Bagalkot	Rural	FY18-19	511	374938	545140	111363531.1	374938	545140	111363531	204	0	0	0
Karnataka	HESCOM	Hubballi	Rural	FY18-19	230	437578	138689	7605248	437578	138689	7605248	55	0	0	0
Karnataka	HESCOM	Haveri	Rural	FY18-19	351	380412	183186	15357310	380412	183186	15357310	84	0	0	0
Karnataka	HESCOM	sirsi	Rural	FY18-19	113	330033	76045	2065342	330033	76045	2065342	27	22658	219512	15070

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						Ct	Ni	Ti	Ci	$\sum Ni * Ci / Nt$	$\sum Ti * Ci / Ct$	SAIDI/S	Mi		$\sum Mi * Ci / Ct$
Karnataka	HESCOM	Belagavi	Rural	FY18-19	517	629584	243471	14856893	629584	243471	14856893	61	0	0	0
Karnataka	HESCOM	Chikkodi	Rural	FY18-19	484	432540	130470	8446049	432540	130470	8446049	65	0	0	0
Karnataka	HESCOM	Vijayapur	Rural	FY18-19	472	489747	232758	12383836	489747	232758	12383836	53	1273	148532	386
Karnataka	HESCOM	Bagalkot	Rural	FY18-19	511	374938	174118	8932011	374938	174118	8932011	51	0	0	0