



# Circuit Reliability Review

## Fontana

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January 2017

# Providing Safe, Reliable, and Affordable Power

Southern California Edison is modernizing the power grid to meet the changing needs and expectations of our customers and to help California achieve its clean energy goals.

We are investing more than \$12 billion into our power grid between 2015 – 2017 with the goal of increasing power reliability through significant upgrades. These investments include:

- Updating thousands of transmission and distribution poles
- Replacing hundreds of miles of underground cables
- Replacing hundreds of underground structures such as vaults and manholes
- Upgrading critical distribution equipment; capacitor banks, switches, and circuit breakers
- Building new distribution circuits to serve electrical demands in our communities
- Inspecting and replacing overhead conductor and equipment to improve public safety

Our investments in local communities will help ensure that customers receive safe, reliable, and affordable electricity now and in the future.

# Understanding Your Reliability Report

As your electric utility, we want you to always have power when you need it. To get there, we constantly track and monitor electric outages across our service territory, and we measure our “system reliability” from this data.

The two metrics we rely on are common in the electric utility industry: the System Average Interruption Duration Index (SAIDI) and the System Average Interruption Frequency Index (SAIFI). Both are described in more detail on the next page.

Replacing and upgrading our infrastructure will help SCE maintain or improve SAIDI and SAIFI measurements.

This report provides historical reliability data for the circuits that serve your jurisdiction and our proposed infrastructure upgrades for the current year.

To view other reliability reports, visit [sce.com>Outage Center>Maintaining Reliable Service](https://sce.com/Outage-Center/Maintaining-Reliable-Service)

# Reliability Metrics

## MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

### MAIFI:

- The number of times the average customer is interrupted by Momentary outages each year.

## SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

### SAIFI:

- The number of times the average customer is interrupted by Sustained outages each year.

### SAIDI:

- The cumulative amount of time the average customer is interrupted by Sustained outages each year.

# Cities in the Foothill District

Bloomington

Colton

**Fontana**

Glen Avon

Jurupa Valley

Mira Loma

Muscoy

Pedley

Rancho Cucamonga

Riverside

Rubidoux

Sunnyslope

# Reliability by SCE District (No Exclusions)

District Name	2012				2013				2014				2015				2016			
	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking
ANTELOPE VALLEY	78.60	28	0.56	31	94.42	22	0.62	31	51.05	35	0.59	34	104.34	22	0.68	30	107.67	24	0.87	29
ARROWHEAD	129.58	13	1.31	7	180.59	7	1.39	8	193.25	5	1.59	5	362.61	4	3.97	1	659.46	3	2.85	5
BARSTOW	184.80	7	1.15	12	204.33	6	1.40	7	201.53	4	1.34	10	187.11	8	1.17	12	134.83	18	1.35	9
BIG CREEK	1184.25	1	4.52	1	176.51	8	3.08	1	920.25	1	1.34	11	422.77	2	3.42	2	1062.01	2	4.99	1
BISHOP	463.09	2	1.25	9	104.44	17	0.51	35	118.79	17	0.59	35	298.11	6	2.22	4	168.59	8	1.22	14
BLYTHE	225.88	6	1.53	3	483.13	1	1.38	9	707.54	2	2.42	2	427.00	1	1.52	7	396.38	5	2.71	6
CATALINA	78.46	30	0.72	29	105.94	16	2.97	2	97.02	24	4.17	1	42.56	35	2.25	3	65.01	35	3.66	3
COVINA	108.73	19	0.92	19	100.51	19	0.86	20	91.60	27	0.87	22	100.08	23	0.81	25	112.13	22	0.97	24
DOMINGUEZ HILLS	117.22	18	0.82	24	89.17	26	0.80	21	82.30	29	0.71	28	130.63	15	0.97	17	146.38	12	1.11	17
FOOTHILL	91.69	25	0.90	20	85.80	27	0.79	24	93.35	25	0.93	21	109.64	20	0.95	20	142.81	14	1.03	21
FULLERTON	68.99	33	0.42	35	90.57	25	0.79	22	82.23	30	0.72	27	76.59	29	0.67	31	92.72	30	0.76	34
HUNTINGTON BEACH	95.78	23	0.89	21	66.51	32	0.68	29	79.61	31	0.78	25	98.32	25	0.95	19	128.02	20	1.26	12
KERNVILLE	226.76	5	1.31	6	232.18	4	1.96	3	178.69	8	1.99	3	286.38	7	0.96	18	2421.32	1	3.67	2
LONG BEACH	75.83	31	0.55	33	75.11	30	0.70	28	66.33	34	0.61	32	164.46	9	0.89	23	135.16	17	0.86	31
MENIFEE	99.32	22	0.84	23	107.39	15	1.26	10	156.68	11	1.32	12	111.46	19	0.98	16	156.75	9	1.31	10
MONROVIA	108.11	20	1.13	15	99.12	20	1.02	16	133.32	14	1.16	16	96.68	26	0.88	24	116.57	21	0.84	32
MONTEBELLO	131.06	12	1.13	14	118.08	13	1.17	12	158.34	10	1.16	15	150.28	12	1.18	11	133.52	19	1.17	15
ONTARIO	93.09	24	0.87	22	77.39	29	0.79	23	97.91	23	1.00	19	94.04	27	0.74	27	105.07	27	0.93	27
PALM SPRINGS	175.92	8	1.27	8	112.80	14	0.77	25	107.04	20	0.71	29	99.54	24	0.80	26	107.58	25	1.07	19
REDLANDS	120.13	16	1.11	16	96.48	21	1.04	15	154.25	12	1.04	18	124.52	17	1.01	14	137.11	16	0.98	23
RIDGECREST	229.65	4	1.44	4	161.95	9	1.12	13	176.84	9	1.57	6	148.90	13	1.01	15	254.31	6	1.05	20
SADDLEBACK	83.01	27	0.73	27	70.69	31	0.53	34	99.07	22	0.74	26	46.03	34	0.39	35	65.99	34	0.65	35
SAN JOAQUIN	135.90	10	1.04	18	244.44	2	1.45	6	138.25	13	1.17	14	127.50	16	1.05	13	108.44	23	1.09	18
SANTA ANA	78.60	29	0.55	32	93.35	24	0.74	26	91.68	26	0.84	23	67.46	32	0.71	29	97.27	29	1.00	22
SANTA BARBARA	153.81	9	1.15	13	82.00	28	0.70	27	183.78	7	1.38	9	152.37	11	1.52	6	156.66	10	1.41	8
SANTA MONICA	101.69	21	0.79	25	122.78	12	1.00	17	110.76	19	0.99	20	75.41	30	0.62	32	91.08	31	0.95	26
SOUTH BAY	122.68	15	1.17	10	142.15	10	1.49	5	125.28	16	1.39	8	164.07	10	1.31	8	183.90	7	1.88	7
TEHACHAPI	117.96	17	1.43	5	232.67	3	1.12	14	130.70	15	1.29	13	298.96	5	1.21	9	97.29	28	1.13	16
THOUSAND OAKS	127.73	14	1.05	17	93.86	23	0.91	18	104.37	21	1.10	17	106.59	21	0.92	21	143.78	13	1.31	11
VALENCIA	62.01	35	0.46	34	51.04	34	0.53	33	79.23	32	0.61	33	72.27	31	0.61	33	105.09	26	0.97	25
VENTURA	134.81	11	1.15	11	100.52	18	1.21	11	183.79	6	1.65	4	148.85	14	1.19	10	150.41	11	1.24	13
VICTORVILLE	67.70	34	0.66	30	61.33	33	0.63	30	68.85	33	0.63	31	87.03	28	0.91	22	79.35	33	0.92	28
WHITTIER	72.60	32	0.74	26	135.04	11	0.86	19	87.60	28	0.70	30	114.52	18	0.73	28	137.34	15	0.81	33
WILDOMAR	88.54	26	0.72	28	40.51	35	0.56	32	118.49	18	0.81	24	52.70	33	0.60	34	84.01	32	0.87	30
YUCCA VALLEY	319.82	3	3.41	2	216.97	5	1.50	4	304.25	3	1.49	7	389.08	3	1.80	5	463.68	4	3.39	4
<b>SCE SystemWide</b>	<b>108.13</b>		<b>0.89</b>		<b>102.61</b>		<b>0.91</b>		<b>112.00</b>		<b>0.96</b>		<b>114.83</b>		<b>0.92</b>		<b>134.48</b>		<b>1.10</b>	

\*\*Exclusions\*\* are days which utilities are allowed to remove from their metrics because the outages on those days were caused by a severe acts of nature.

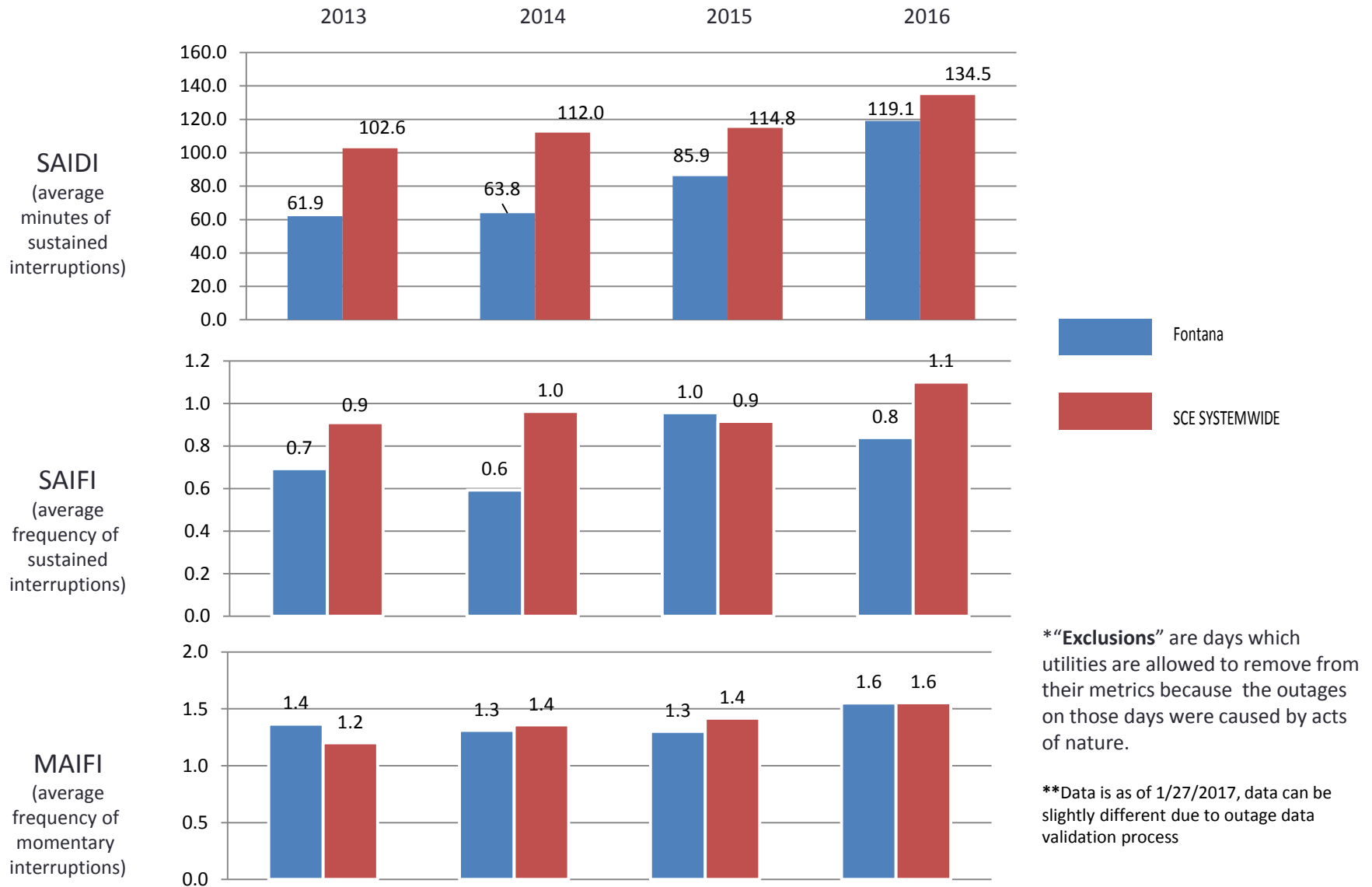
\*\*In the columns showing "Rank," lower numbers indicate poorer performance.

# Overview of Fontana

## There are 65 circuits that serve Fontana

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ACOSTA(12KV)	1,055	LARCH(33KV)	3	TRAPP(12KV)	2,669		
AGASSI(12KV)	1,149	LYTLE(12KV)	1,607	WAHLSTROM(12KV)	2,415		
AUGUSTA(12KV)	1,099	MAGOO(12KV)	1,944	WIGWAG(12KV)	2,162		
BAMBOO(12KV)	387	MANGO(4.16KV)	637	ZIMMER(12KV)	1,087		
BERRY(4.16KV)	605	MANNING(12KV)	1,282	ZINFANDEL(12KV)	1,990		
BIG RIGG(12KV)	1,669	MANTECA(12KV)	1,731				
BOBBER(12KV)	1,918	MARBLE(12KV)	345				
BOLOR(12KV)	456	MCENROE(12KV)	73				
BORG(12KV)	70	MERRIL(4.16KV)	715				
CABANA(12KV)	2,333	MORA(12KV)	1,627				
CASALS(12KV)	2,147	NASTASE(12KV)	83				
CASMALIA(12KV)	2,320	NICKLIN(12KV)	1,664				
CATAWBA(12KV)	1,073	OLEANDER(4.16KV)	473				
CITROW(12KV)	743	REDBALL(12KV)	304				
COLLEEN(12KV)	904	RIGGS(12KV)	36				
CONNERS(12KV)	31	ROCHHOLTZ(4.16KV)	715				
DIGBY(12KV)	2,130	SAMPRAS(12KV)	90				
DIXON(12KV)	1,391	SANBER(12KV)	2,962				
DORSEY(12KV)	1,597	SANDELL(12KV)	1,757				
DUNNING(12KV)	1,339	SELLERS(12KV)	2,219				
FEDERER(12KV)	2,552	SHINE(12KV)	2,122				
FLATCAR(12KV)	861	SILVA(12KV)	1,781				
GRAF(12KV)	81	SPEEDWAY(12KV)	154				
HASTY(12KV)	960	SPIKE(12KV)	1,214				
HIBISCUS(4.16KV)	345	STREAMLINER(12KV)	886				
HIGHBALL(12KV)	1,630	TAMARIND(12KV)	2,293				
HOPPER(12KV)	1,707	TENDER(12KV)	1,393				
HUFF(12KV)	2,076	TILDEN(12KV)	46				
JUNIOR(12KV)	2,650	TOKAY(12KV)	2,361				
KAISER(12KV)	1,189	TRACTOR(12KV)	323				
<b>Grand Total</b>	<b>81,630</b>						

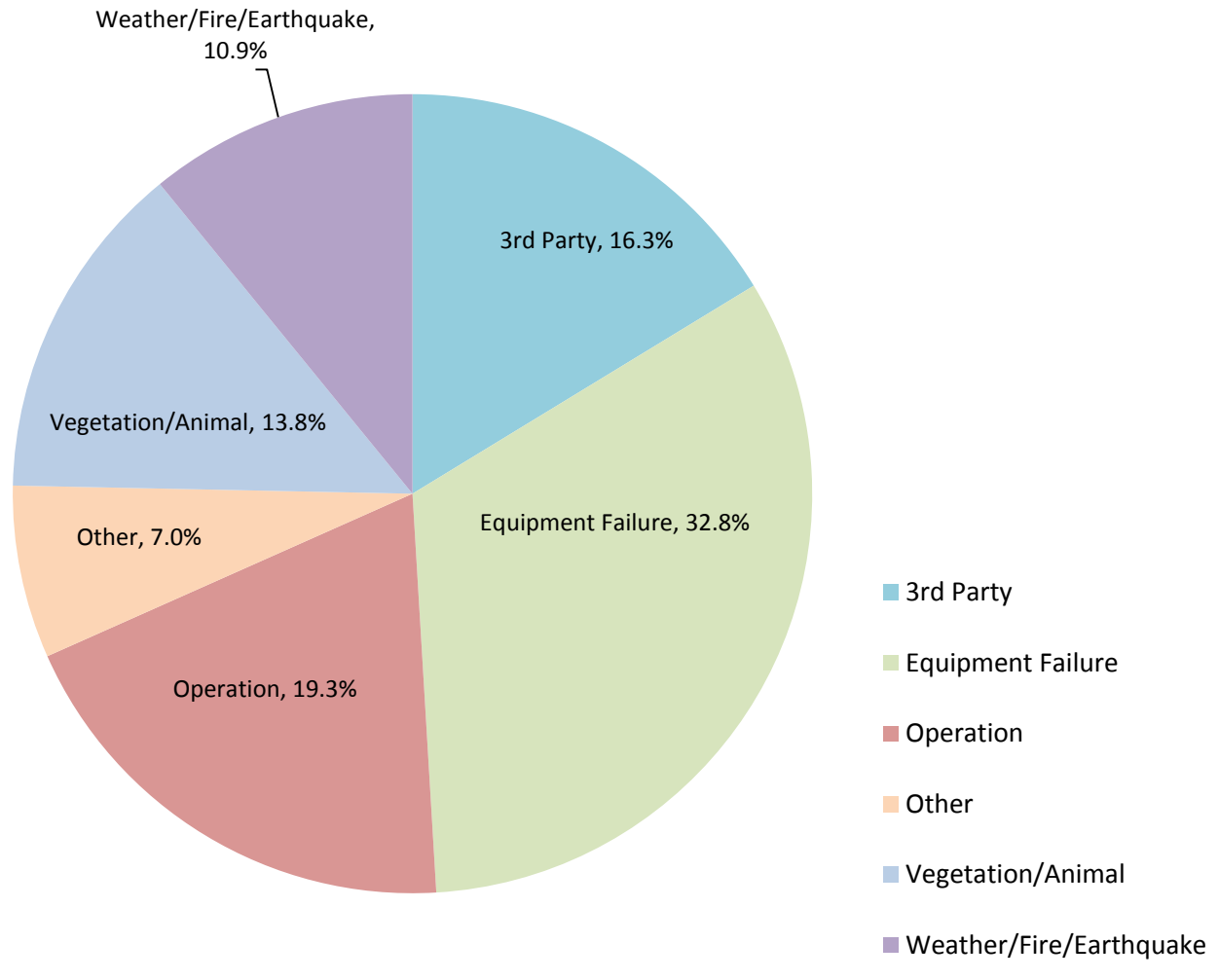
## Reliability History of Circuits Serving Fontana (No Exclusions)





# Causes of Repair Outages in Fontana Circuits 2016 YTD

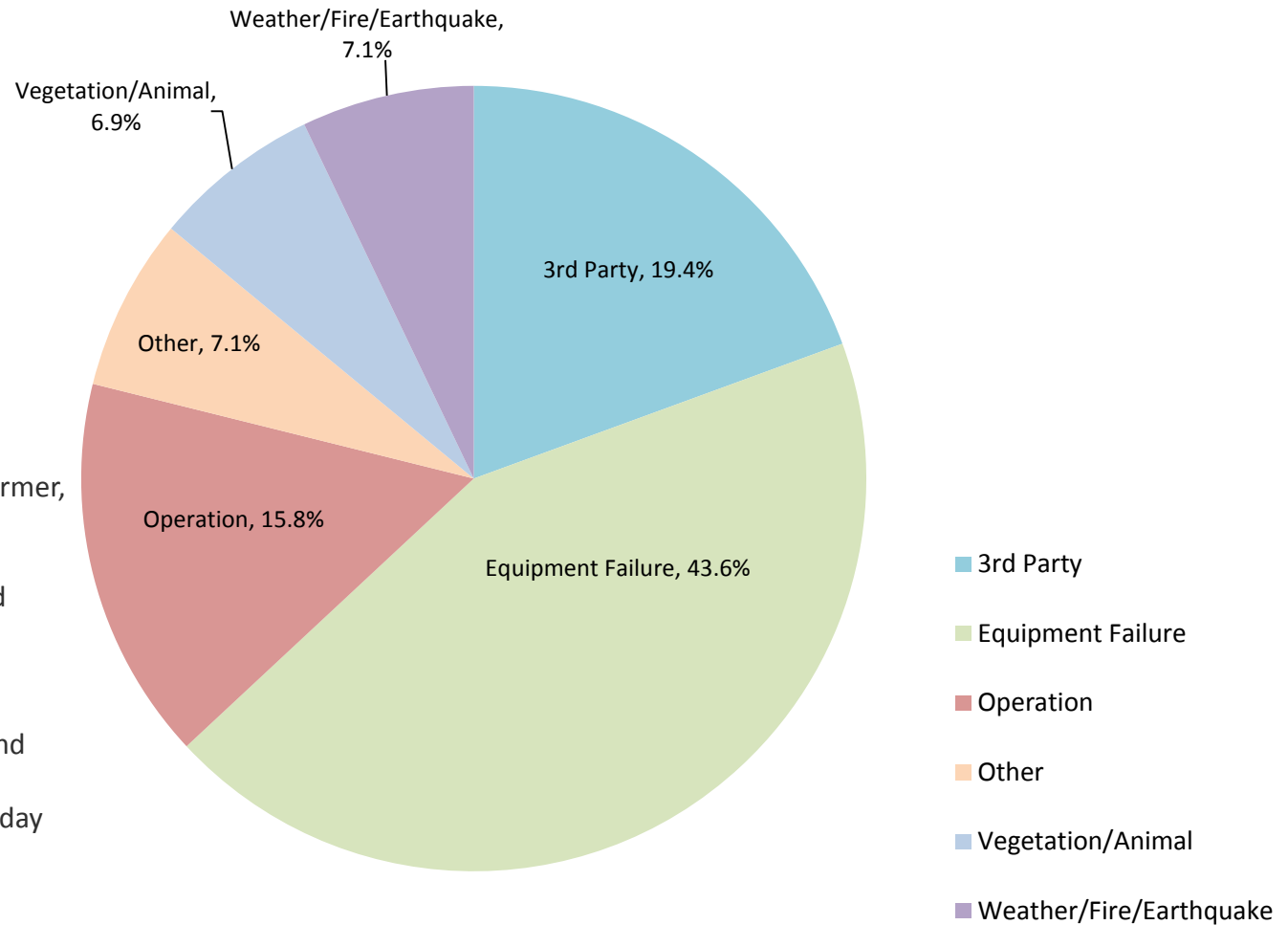
## Contributions to SAIDI by Outage Cause



**SAIDI** = the cumulative amount of time the average customer is interrupted by “sustained” outages each year.

# Causes of Repair Outages in Fontana Circuits 2016 YTD

## Contributions to SAIFI by Outage Cause



**SAIFI** = the number of times the average customer is interrupted by “sustained” outages each year.





## Fontana 2017 Capital Improvement Plan

### Replacement/Equipment Upgrade

- Electrical Equipment Replacement
- Pole Replacement

### Other Work

- Circuit Public Safety Upgrade
- Circuit Reliability Upgrade
- Structures & Equipment

### Replacement/Equipment Upgrade (Transmission)

- Electrical Equipment Replacement
- Pole Replacement

**Disclaimer:** This report is intended solely for informational purposes. The information included is reflective as of January 1, 2017 and is subject to change without further notice.



Date: 2/14/2017

File Name: CIP\_2017\_Jan02.mxd

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# Back-up Slides

Reliability Histories of Circuits Serving Fontana

**Updated through Year-End 2016**

## Average Reliability of 65 Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
Fontana	61.9	0.7	1.4	63.8	0.6	1.3	85.9	1.0	1.3	36.3	0.4	0.3	15.7	0.1	0.4	45.9	0.2	0.4	21.1	0.2	0.4	119.1	0.8	1.6
3rd Party	23%	28%	26%	32%	29%	17%	19%	16%	11%	37%	26%	7%	13%	37%	65%	5%	10%	4%	8%	8%	11%	16%	19%	23%
Equipment Failure	43%	30%	9%	46%	40%	14%	44%	33%	33%	15%	32%	4%	68%	57%	16%	37%	63%	29%	28%	39%	29%	33%	44%	20%
Operation	13%	7%	5%	14%	21%	3%	20%	45%	4%	11%	23%	0%	2%	2%	5%	39%	16%	0%	3%	7%	0%	19%	16%	1%
Other	12%	18%	26%	1%	5%	25%	2%	1%	32%	14%	6%	62%	0%	0%	14%	1%	4%	31%	13%	15%	51%	7%	7%	38%
Vegetation/Animal	0%	0%	16%	0%	0%	28%	1%	1%	2%	23%	12%	26%	0%	0%	0%	17%	7%	0%	1%	0%	0%	14%	7%	6%
Weather/Fire/Earthquake	10%	16%	17%	7%	6%	13%	14%	4%	18%	0%	0%	0%	17%	3%	0%	0%	0%	36%	48%	31%	9%	11%	7%	12%
SCE Systemwide	102.6	0.9	1.2	112.0	1.0	1.4	114.8	0.9	1.4	40.5	0.3	0.4	34.8	0.3	0.4	29.4	0.2	0.3	29.8	0.3	0.4	134.5	1.1	1.6

### Notes:

No outages are excluded from the metrics.

### Outage Causes:

Other: e.g., patrolled but no cause could be found

Operations: e.g., urgent maintenance w/o 3-day notice to customers

3<sup>rd</sup> Party: e.g., balloons, car hit pole, dig-in

Vegetation/Animal: e.g., tree branch, rodent, or bird causing short circuit across conductors

SAIDI (minutes) = the cumulative amount of time the average customer is interrupted by "sustained" (longer than 5 minutes) outages.

SAIFI (interruptions) = the number of times the average customer is interrupted by "sustained" outages.

MAIFI (interruptions) = the number of times the average customer is interrupted by "momentary" (lasting 5 minutes or less) outages.

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>ACOSTA(12KV) - Customers: 1,055</b>	<b>111.4</b>	<b>1.8</b>	<b>2.0</b>	<b>116.3</b>	<b>0.2</b>	<b>1.9</b>	<b>49.0</b>	<b>1.0</b>	<b>0.0</b>	<b>14.0</b>	<b>0.0</b>	<b>0.0</b>	<b>206.3</b>	<b>1.0</b>	<b>0.0</b>	<b>2.8</b>	<b>0.0</b>	<b>1.0</b>	<b>40.1</b>	<b>0.3</b>	<b>0.0</b>	<b>263.1</b>	<b>1.3</b>	<b>1.0</b>
3rd Party	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	5%	36%	0%	24%	48%	0%	0%	0%	0%	97%	56%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	84%	76%	0%
Operation	2%	2%	0%	1%	2%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	14%	97%	0%	3%	23%	0%
Other	66%	56%	0%	8%	3%	1%	0%	0%	100%	3%	44%	100%	0%	0%	0%	0%	0%	100%	86%	3%	100%	13%	1%	100%
Vegetation/Animal	0%	0%	50%	0%	0%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	26%	5%	0%	67%	48%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>AGASSI(12KV) - Customers: 1,149</b>	<b>10.1</b>	<b>0.1</b>	<b>1.0</b>	<b>6.0</b>	<b>0.1</b>	<b>0.0</b>	<b>92.4</b>	<b>1.0</b>	<b>0.0</b>	<b>133.2</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>133.2</b>	<b>2.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	8%	50%	100%
Operation	100%	100%	0%	100%	100%	0%	0%	0%	0%	92%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	92%	50%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>AUGUSTA(12KV) - Customers: 1,099</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>25.5</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>BAMBOO(12KV) - Customers: 387</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>312.1</b>	<b>2.0</b>	<b>0.0</b>	<b>8.2</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>4.8</b>	<b>0.0</b>	<b>1.0</b>	<b>60.0</b>	<b>1.0</b>	<b>4.7</b>	<b>64.8</b>	<b>1.0</b>	<b>8.7</b>
3rd Party	0%	0%	100%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	23%
Equipment Failure	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	7%	1%	0%
Operation	0%	0%	0%	6%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	100%	100%	100%	93%	99%	77%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	93%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>BERRY(4.16KV) - Customers: 605</b>	<b>6.3</b>	<b>0.0</b>	<b>2.0</b>	<b>68.6</b>	<b>0.2</b>	<b>2.0</b>	<b>49.4</b>	<b>1.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>59.0</b>	<b>2.0</b>	<b>2.9</b>	<b>59.0</b>	<b>2.0</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	51%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	20%
Equipment Failure	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	0%	0%	50%	0%	0%	49%	0%	0%	100%	0%	0%	0%	0%	0%	0%	51%	50%	100%	51%	50%	80%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	49%	50%	0%	49%	50%	0%
<b>BIG RIGG(12KV) - Customers: 1,669</b>	<b>33.3</b>	<b>1.8</b>	<b>1.9</b>	<b>74.7</b>	<b>0.4</b>	<b>1.0</b>	<b>509.4</b>	<b>1.2</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>24.6</b>	<b>0.0</b>	<b>0.0</b>	<b>25.8</b>	<b>0.0</b>	<b>1.0</b>
3rd Party	28%	64%	52%	51%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	11%	0%	0%	46%	25%	0%	8%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	1%	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	61%	36%	48%	1%	0%	0%	8%	4%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	100%	83%	90%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>BOBBER(12KV) - Customers: 1,918</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>17.0</b>	<b>0.1</b>	<b>0.0</b>	<b>79.5</b>	<b>0.7</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>41.3</b>	<b>0.1</b>	<b>0.0</b>	<b>41.7</b>	<b>0.1</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	95%	0%	57%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	26%	62%	0%	27%	62%	0%
Operation	0%	0%	0%	0%	5%	0%	0%	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	5%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	43%	50%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	74%	33%	0%	73%	33%	0%
<b>BOLOR(12KV) - Customers: 456</b>	<b>8.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5.2</b>	<b>0.1</b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>145.3</b>	<b>1.1</b>	<b>0.3</b>	<b>145.3</b>	<b>1.1</b>	<b>0.3</b>
3rd Party	0%	0%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%
Operation	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>BORG(12KV) - Customers: 70</b>	<b>1.4</b>	<b>0.0</b>	<b>2.0</b>	<b>68.3</b>	<b>0.0</b>	<b>1.0</b>	<b>460.0</b>	<b>2.7</b>	<b>2.6</b>	<b>124.2</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.1</b>	<b>124.2</b>	<b>1.8</b>	<b>2.1</b>
3rd Party	100%	100%	0%	0%	0%	0%	65%	38%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	50%	100%	100%	0%	5%	40%	39%	10%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	10%	50%	100%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	50%	0%
Other	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	30%	22%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CABANA(12KV) - Customers: 2,333</b>	<b>1.4</b>	<b>0.0</b>	<b>1.0</b>	<b>15.0</b>	<b>0.2</b>	<b>2.5</b>	<b>42.8</b>	<b>0.2</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>93.7</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>96.3</b>	<b>0.1</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	100%	100%	100%	100%	100%	100%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	22%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	97%	78%	0%
<b>CASALS(12KV) - Customers: 2,147</b>	<b>228.9</b>	<b>1.2</b>	<b>0.1</b>	<b>40.2</b>	<b>1.0</b>	<b>0.0</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>18.8</b>	<b>0.0</b>	<b>0.0</b>	<b>216.4</b>	<b>1.0</b>	<b>0.7</b>	<b>8.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>243.6</b>	<b>1.1</b>	<b>0.7</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	78%	79%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%
Operation	22%	21%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CASMALIA(12KV) - Customers: 2,320</b>	<b>1.9</b>	<b>0.0</b>	<b>0.5</b>	<b>79.9</b>	<b>0.5</b>	<b>3.5</b>	<b>696.4</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>563.1</b>	<b>0.2</b>	<b>0.0</b>	<b>5.3</b>	<b>0.3</b>	<b>0.0</b>	<b>568.4</b>	<b>0.5</b>	<b>0.0</b>
3rd Party	27%	6%	50%	0%	0%	0%	62%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	52%	71%	0%	92%	54%	0%	16%	35%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	5%	12%	0%	7%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	16%	12%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	1%	0%	42%	22%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>CATAWBA(12KV) - Customers: 1,073</b>	<b>159.1</b>	<b>1.1</b>	<b>0.8</b>	<b>20.5</b>	<b>0.1</b>	<b>0.0</b>	<b>103.1</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.4</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	13%	3%	0%	23%	8%	0%	93%	95%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	15%	12%	92%	77%	92%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	73%	86%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CITROW(12KV) - Customers: 743</b>	<b>269.8</b>	<b>4.0</b>	<b>4.0</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>10.6</b>	<b>0.1</b>	<b>0.0</b>	<b>1.1</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>1.0</b>
3rd Party	23%	50%	75%	0%	0%	0%	51%	44%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	77%	50%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	10%	11%	0%
Operation	0%	0%	0%	100%	100%	0%	49%	56%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	89%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>COLLEEN(12KV) - Customers: 904</b>	<b>82.5</b>	<b>1.1</b>	<b>0.9</b>	<b>10.7</b>	<b>0.1</b>	<b>1.0</b>	<b>321.4</b>	<b>2.3</b>	<b>2.6</b>	<b>48.3</b>	<b>1.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>6.2</b>	<b>0.0</b>	<b>0.0</b>	<b>129.8</b>	<b>1.9</b>	<b>0.9</b>	<b>184.3</b>	<b>3.0</b>	<b>2.1</b>
3rd Party	66%	93%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	18%
Equipment Failure	34%	7%	0%	4%	1%	0%	66%	42%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	97%	98%	82%
Operation	0%	0%	0%	96%	99%	0%	15%	42%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	2%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	19%	16%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CONNERS(12KV) - Customers: 31</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>1063.6</b>	<b>1.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>DIGBY(12KV) - Customers: 2,130</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>101.0</b>	<b>1.1</b>	<b>1.0</b>	<b>66.0</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.8</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>DIXON(12KV) - Customers: 1,391</b>	<b>285.8</b>	<b>2.9</b>	<b>2.0</b>	<b>36.6</b>	<b>1.0</b>	<b>0.0</b>	<b>424.9</b>	<b>4.6</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>10.1</b>	<b>0.0</b>	<b>0.0</b>	<b>199.3</b>	<b>0.9</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>209.4</b>	<b>0.9</b>	<b>6.0</b>
3rd Party	73%	95%	0%	100%	100%	84%	42%	65%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	19%	3%	0%	0%	0%	0%	57%	35%	99%	0%	0%	0%	100%	100%	0%	100%	97%	100%	0%	0%	0%	100%	97%	50%
Operation	1%	1%	0%	0%	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	3%	0%
Other	0%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	33%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%
Weather/Fire/Earthquake	6%	1%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>DORSEY(12KV) - Customers: 1,597</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>63.3</b>	<b>0.9</b>	<b>0.2</b>	<b>69.3</b>	<b>0.9</b>	<b>0.0</b>	<b>27.6</b>	<b>0.1</b>	<b>0.9</b>	<b>7.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>35.1</b>	<b>0.1</b>	<b>1.9</b>
3rd Party	0%	0%	0%	76%	97%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	24%	3%	0%	93%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	7%	3%	0%	0%	0%	0%	57%	70%	100%	0%	0%	0%	0%	0%	0%	12%	7%	53%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	79%	90%	47%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	43%	30%	0%	0%	0%	0%	0%	0%	0%	9%	3%	0%
<b>DUNNING(12KV) - Customers: 1,339</b>	<b>129.2</b>	<b>0.9</b>	<b>0.2</b>	<b>104.4</b>	<b>0.4</b>	<b>2.9</b>	<b>50.6</b>	<b>1.0</b>	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	95%	96%	100%	77%	50%	65%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	5%	4%	0%	23%	50%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>FEDERER(12KV) - Customers: 2,552</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>160.1</b>	<b>1.9</b>	<b>0.0</b>	<b>8.8</b>	<b>0.0</b>	<b>0.0</b>	<b>35.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>35.0</b>	<b>2.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	91%	97%	0%	0%	0%	0%	31%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	31%	50%	100%
Operation	0%	0%	0%	9%	3%	0%	100%	100%	0%	69%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	69%	50%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>FLATCAR(12KV) - Customers: 861</b>	<b>60.6</b>	<b>1.0</b>	<b>4.0</b>	<b>58.3</b>	<b>1.0</b>	<b>4.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>27.6</b>	<b>0.1</b>	<b>0.0</b>	<b>1.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>29.0</b>	<b>0.1</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	82%	13%	0%	0%	0%	49%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	95%	51%	0%
Operation	0%	0%	0%	18%	87%	25%	0%	0%	2%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	5%	49%	0%
Other	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	12%	3%	25%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	88%	97%	50%	0%	0%	25%	0%	0%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>GRAF(12KV) - Customers: 81</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>91.5</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>132.6</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>59.3</b>	<b>1.0</b>	<b>0.0</b>	<b>5.7</b>	<b>0.0</b>	<b>2.0</b>	<b>197.6</b>	<b>3.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	30%	33%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	8%	34%	100%
Operation	0%	0%	0%	100%	100%	0%	0%	0%	0%	92%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	62%	33%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>HASTY(12KV) - Customers: 960</b>	<b>205.9</b>	<b>2.3</b>	<b>1.0</b>	<b>22.9</b>	<b>1.0</b>	<b>14.0</b>	<b>68.3</b>	<b>1.3</b>	<b>18.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	48%	45%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	6%	11%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	46%	45%	100%	0%	0%	71%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	21%	0%	0%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>HIBISCUS(4.16KV) - Customers: 345</b>	<b>153.0</b>	<b>2.0</b>	<b>2.0</b>	<b>362.6</b>	<b>5.0</b>	<b>0.0</b>	<b>378.1</b>	<b>3.0</b>	<b>2.1</b>	<b>542.5</b>	<b>2.0</b>	<b>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>595.9</b>	<b>1.0</b>	<b>0.0</b>	<b>59.9</b>	<b>1.0</b>	<b>2.0</b>	<b>1198.3</b>	<b>4.0</b>	<b>4.7</b>
3rd Party	0%	0%	0%	92%	60%	0%	0%	0%	0%	17%	50%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	25%	36%
Equipment Failure	0%	0%	0%	0%	0%	0%	85%	66%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	60%	50%	100%	5%	40%	0%	12%	33%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%	100%	100%	5%	25%	64%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	83%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	87%	50%	0%
Weather/Fire/Earthquake	40%	50%	0%	3%	1%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>HIGHBALL(12KV) - Customers: 1,630</b>	<b>4.0</b>	<b>0.0</b>	<b>1.0</b>	<b>191.7</b>	<b>1.1</b>	<b>2.0</b>	<b>104.5</b>	<b>1.1</b>	<b>1.0</b>	<b>196.7</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.3</b>	<b>0.0</b>	<b>0.0</b>	<b>212.1</b>	<b>1.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	95%	95%	0%	69%	89%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	93%	97%	0%
Equipment Failure	0%	0%	0%	1%	1%	0%	29%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	53%	42%	0%	2%	3%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	47%	58%	100%	0%	0%	49%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	7%	2%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	2%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>HOPPER(12KV) - Customers: 1,707</b>	<b>13.1</b>	<b>0.1</b>	<b>1.0</b>	<b>46.3</b>	<b>0.1</b>	<b>3.0</b>	<b>36.5</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>173.3</b>	<b>0.6</b>	<b>0.4</b>	<b>175.3</b>	<b>0.6</b>	<b>0.4</b>
3rd Party	0%	0%	0%	0%	0%	0%	3%	12%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	63%	36%	0%	93%	72%	33%	64%	42%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	1%	1%	0%
Operation	37%	64%	0%	7%	28%	0%	32%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%	0%	6%	6%	0%
Other	0%	0%	100%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	94%	94%	100%	93%	94%	100%
<b>HUFF(12KV) - Customers: 2,076</b>	<b>13.9</b>	<b>0.1</b>	<b>1.0</b>	<b>56.6</b>	<b>0.4</b>	<b>2.0</b>	<b>79.6</b>	<b>1.1</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>0.0</b>	<b>2.9</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>111.3</b>	<b>1.1</b>	<b>0.0</b>	<b>126.3</b>	<b>1.1</b>	<b>2.9</b>
3rd Party	0%	0%	0%	19%	12%	100%	81%	93%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	11%	4%	100%
Equipment Failure	7%	7%	0%	39%	7%	0%	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	95%	0%	18%	90%	0%
Operation	0%	0%	0%	42%	81%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	1%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	93%	93%	0%	0%	0%	0%	15%	6%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	80%	5%	0%	71%	6%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>JUNIOR(12KV) - Customers: 2,650</b>	<b>28.8</b>	<b>0.7</b>	<b>3.8</b>	<b>107.0</b>	<b>1.2</b>	<b>3.9</b>	<b>37.7</b>	<b>1.0</b>	<b>1.0</b>	<b>34.9</b>	<b>1.0</b>	<b>0.0</b>	<b>9.8</b>	<b>0.0</b>	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>	<b>5.5</b>	<b>0.0</b>	<b>0.0</b>	<b>51.7</b>	<b>1.0</b>	<b>0.0</b>
3rd Party	56%	3%	0%	27%	12%	50%	34%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	15%	2%	0%	71%	86%	24%	0%	0%	0%	100%	100%	0%	100%	100%	0%	84%	61%	0%	91%	50%	0%	99%	99%	0%
Operation	0%	0%	0%	2%	2%	0%	66%	97%	0%	0%	0%	0%	0%	0%	0%	16%	39%	0%	9%	50%	0%	1%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	4%	2%	26%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	25%	93%	74%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>KAISER(12KV) - Customers: 1,189</b>	<b>22.7</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>20.5</b>	<b>1.0</b>	<b>1.0</b>	<b>25.5</b>	<b>0.1</b>	<b>1.0</b>	<b>21.2</b>	<b>0.2</b>	<b>0.0</b>	<b>86.4</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>133.0</b>	<b>0.6</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	51%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	81%	79%	0%
Operation	4%	49%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	21%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>LARCH(33KV) - Customers: 3</b>	<b>563.0</b>	<b>1.0</b>	<b>0.0</b>	<b>1178.6</b>	<b>8.1</b>	<b>0.0</b>	<b>155.0</b>	<b>3.0</b>	<b>4.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.0</b>
3rd Party	100%	100%	0%	4%	11%	0%	0%	0%	25%	0%	0%	33%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	95%	79%	0%	72%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	1%	11%	0%	28%	33%	25%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%
<b>LYTLE(12KV) - Customers: 1,607</b>	<b>22.9</b>	<b>0.1</b>	<b>1.4</b>	<b>83.2</b>	<b>3.2</b>	<b>1.0</b>	<b>17.8</b>	<b>0.1</b>	<b>2.0</b>	<b>6.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>28.1</b>	<b>0.2</b>	<b>0.0</b>	<b>6.8</b>	<b>0.0</b>	<b>2.0</b>	<b>41.6</b>	<b>0.2</b>	<b>2.0</b>
3rd Party	0%	0%	0%	56%	63%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	17%	27%	27%	36%	5%	0%	89%	98%	0%	0%	0%	0%	0%	0%	0%	66%	50%	0%	100%	100%	0%	61%	44%	0%
Operation	83%	73%	0%	8%	32%	0%	1%	1%	0%	100%	100%	0%	0%	0%	0%	34%	50%	0%	0%	0%	0%	39%	56%	0%
Other	0%	0%	73%	0%	0%	98%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	10%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>MAGOO(12KV) - Customers: 1,944</b>	<b>163.8</b>	<b>1.2</b>	<b>0.0</b>	<b>45.6</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>278.6</b>	<b>2.0</b>	<b>0.0</b>	<b>5.2</b>	<b>0.0</b>	<b>1.0</b>	<b>4.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>287.9</b>	<b>2.1</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	1%	0%
Equipment Failure	99%	92%	0%	98%	99%	0%	0%	0%	0%	23%	49%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	24%	49%	100%
Operation	1%	8%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	1%	2%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	74%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	72%	48%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MANGO(4.16KV) - Customers: 637</b>	<b>88.5</b>	<b>1.0</b>	<b>3.0</b>	<b>190.4</b>	<b>2.4</b>	<b>1.0</b>	<b>63.9</b>	<b>2.0</b>	<b>2.0</b>	<b>5.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>75.7</b>	<b>1.0</b>	<b>1.0</b>	<b>8.0</b>	<b>0.0</b>	<b>0.0</b>	<b>89.2</b>	<b>1.0</b>	<b>4.0</b>
3rd Party	97%	99%	67%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	25%
Equipment Failure	3%	1%	0%	39%	17%	0%	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	9%	1%	0%
Operation	0%	0%	0%	1%	1%	0%	96%	99%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	1%	0%
Other	0%	0%	33%	0%	0%	0%	0%	0%	50%	0%	0%	100%	0%	0%	50%	100%	100%	100%	0%	0%	0%	85%	98%	75%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	60%	81%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MANNING(12KV) - Customers: 1,282</b>	<b>323.6</b>	<b>3.5</b>	<b>0.0</b>	<b>121.0</b>	<b>1.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>92.1</b>	<b>1.0</b>	<b>3.0</b>	<b>180.2</b>	<b>2.0</b>	<b>0.9</b>	<b>272.3</b>	<b>3.0</b>	<b>5.9</b>
3rd Party	40%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%	50%	100%	39%	33%	15%
Equipment Failure	59%	42%	0%	26%	7%	11%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	34%	33%	51%
Operation	1%	1%	0%	74%	93%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	41%	50%	0%	27%	33%	0%
<b>MANTECA(12KV) - Customers: 1,731</b>	<b>0.9</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>55.7</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>MARBLE(12KV) - Customers: 345</b>	<b>122.2</b>	<b>1.3</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>136.3</b>	<b>2.1</b>	<b>0.0</b>	<b>6.4</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>67.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>73.4</b>	<b>0.1</b>	<b>1.0</b>
3rd Party	75%	94%	0%	0%	0%	0%	51%	47%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	91%	78%	0%
Equipment Failure	25%	6%	46%	0%	0%	0%	32%	47%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	22%	100%
Operation	0%	0%	0%	0%	0%	0%	17%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MCENROE(12KV) - Customers: 73</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>49.9</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>31.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.3</b>	<b>1.0</b>	<b>0.0</b>	<b>41.3</b>	<b>3.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	34%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	51%	67%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	66%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	49%	33%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MERRIL(4.16KV) - Customers: 715</b>	<b>268.7</b>	<b>2.0</b>	<b>6.4</b>	<b>3.5</b>	<b>0.0</b>	<b>1.0</b>	<b>59.5</b>	<b>1.1</b>	<b>1.0</b>	<b>101.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>47.7</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>148.7</b>	<b>2.2</b>	<b>2.0</b>
3rd Party	100%	100%	53%	0%	0%	0%	0%	0%	0%	89%	50%	0%	0%	0%	50%	58%	14%	0%	0%	0%	0%	79%	47%	50%
Equipment Failure	0%	0%	0%	100%	100%	0%	2%	1%	0%	4%	1%	0%	0%	0%	0%	3%	6%	0%	0%	0%	0%	4%	2%	0%
Operation	0%	0%	15%	0%	0%	0%	98%	99%	0%	7%	49%	0%	0%	0%	0%	39%	80%	0%	0%	0%	0%	17%	52%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MORA(12KV) - Customers: 1,627</b>	<b>30.0</b>	<b>0.2</b>	<b>1.1</b>	<b>3.3</b>	<b>0.0</b>	<b>1.1</b>	<b>126.3</b>	<b>1.3</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21.3</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>21.3</b>	<b>0.1</b>	<b>0.2</b>
3rd Party	33%	30%	86%	0%	0%	0%	5%	5%	100%	0%	0%	0%	0%	0%	0%	56%	49%	64%	0%	0%	0%	56%	49%	47%
Equipment Failure	33%	47%	0%	11%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	0%	0%	0%	0%	0%	27%
Operation	34%	23%	4%	89%	73%	0%	88%	90%	0%	0%	0%	0%	0%	0%	0%	44%	51%	0%	0%	0%	0%	44%	51%	0%
Other	0%	0%	11%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	95%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	27%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	7%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>NASTASE(12KV) - Customers: 83</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>72.8</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>9.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.1</b>	<b>0.0</b>	<b>1.0</b>
3rd Party	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
<b>NICKLIN(12KV) - Customers: 1,664</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>16.1</b>	<b>1.0</b>	<b>2.0</b>	<b>18.1</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.7</b>	<b>0.0</b>	<b>0.0</b>	<b>4.7</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>OLEANDER(4.16KV) - Customers: 473</b>	<b>195.3</b>	<b>2.1</b>	<b>7.0</b>	<b>342.4</b>	<b>5.0</b>	<b>1.9</b>	<b>241.3</b>	<b>2.4</b>	<b>7.5</b>	<b>113.2</b>	<b>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>143.2</b>	<b>1.0</b>	<b>3.2</b>	<b>1.1</b>	<b>0.0</b>	<b>1.0</b>	<b>257.6</b>	<b>1.3</b>	<b>6.2</b>
3rd Party	0%	0%	0%	37%	20%	0%	0%	0%	13%	0%	0%	0%	0%	0%	100%	100%	100%	69%	100%	100%	0%	56%	80%	52%
Equipment Failure	7%	2%	0%	18%	20%	0%	53%	17%	0%	96%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%	19%	0%
Operation	0%	0%	0%	18%	40%	0%	20%	41%	0%	4%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Other	39%	49%	57%	0%	0%	0%	0%	0%	67%	0%	0%	100%	0%	0%	0%	0%	0%	31%	0%	0%	100%	0%	0%	48%
Vegetation/Animal	0%	0%	0%	0%	0%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	54%	49%	43%	27%	20%	48%	27%	41%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>REDBALL(12KV) - Customers: 304</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>126.2</b>	<b>1.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>340.0</b>	<b>2.9</b>	<b>0.0</b>	<b>340.0</b>	<b>2.9</b>	<b>0.8</b>
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>RIGGS(12KV) - Customers: 36</b>	<b>186.0</b>	<b>0.5</b>	<b>3.0</b>	<b>18.8</b>	<b>0.9</b>	<b>0.0</b>	<b>335.8</b>	<b>1.5</b>	<b>0.5</b>	<b>39.3</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.5</b>	<b>0.5</b>	<b>1.4</b>	<b>45.8</b>	<b>2.6</b>	<b>1.4</b>
3rd Party	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	39%	100%	100%	0%	100%	100%	100%	34%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	44%	60%	100%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	66%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	40%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ROCHHOLTZ(4.16KV) - Customers: 715</b>	<b>157.5</b>	<b>2.0</b>	<b>2.0</b>	<b>369.6</b>	<b>5.1</b>	<b>1.0</b>	<b>146.5</b>	<b>2.0</b>	<b>1.0</b>	<b>450.9</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>605.3</b>	<b>1.0</b>	<b>0.0</b>	<b>60.6</b>	<b>1.0</b>	<b>1.0</b>	<b>1116.7</b>	<b>3.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	92%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	2%	1%	0%	0%	0%	0%	68%	50%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	59%	50%	100%	5%	40%	100%	30%	49%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%	100%	100%	5%	33%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	99%	0%	0%	0%	0%	95%	66%	0%
Weather/Fire/Earthquake	39%	50%	0%	4%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SAMPRAS(12KV) - Customers: 90</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>19.1</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>19.1</b>	<b>1.0</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SANBER(12KV) - Customers: 2,962</b>	<b>57.6</b>	<b>1.1</b>	<b>1.7</b>	<b>67.5</b>	<b>0.1</b>	<b>2.5</b>	<b>38.9</b>	<b>0.7</b>	<b>3.3</b>	<b>12.5</b>	<b>0.0</b>	<b>2.0</b>	<b>0.2</b>	<b>0.0</b>	<b>1.0</b>	<b>22.7</b>	<b>0.0</b>	<b>5.0</b>	<b>0.1</b>	<b>0.0</b>	<b>1.0</b>	<b>35.5</b>	<b>0.1</b>	<b>9.0</b>
3rd Party	0%	0%	57%	42%	47%	74%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	1%	2%	11%
Equipment Failure	85%	96%	43%	39%	19%	0%	89%	96%	70%	72%	58%	0%	0%	0%	0%	90%	62%	0%	100%	100%	0%	83%	59%	0%
Operation	0%	0%	0%	18%	34%	26%	1%	2%	30%	0%	0%	0%	0%	0%	0%	1%	10%	0%	0%	0%	0%	1%	5%	0%
Other	15%	3%	0%	0%	0%	0%	1%	0%	0%	0%	0%	50%	0%	0%	0%	8%	29%	20%	0%	0%	100%	5%	16%	33%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%	42%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	16%	11%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	9%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	80%	0%	0%	0%	0%	0%	45%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>SANDELL(12KV) - Customers: 1,757</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>49.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	33%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SELLERS(12KV) - Customers: 2,219</b>	<b>7.8</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	0%	0%	0%	74%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	26%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SHINE(12KV) - Customers: 2,122</b>	<b>47.6</b>	<b>0.2</b>	<b>6.8</b>	<b>3.6</b>	<b>0.0</b>	<b>1.0</b>	<b>21.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.4</b>	<b>0.0</b>	<b>1.0</b>
3rd Party	6%	50%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	7%	2%	0%	0%	0%	0%	7%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	3%	0%
Operation	87%	49%	27%	100%	100%	0%	93%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	41%	12%	0%
Other	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	53%	85%	100%
Vegetation/Animal	0%	0%	15%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SILVA(12KV) - Customers: 1,781</b>	<b>0.4</b>	<b>0.0</b>	<b>1.0</b>	<b>2.1</b>	<b>0.0</b>	<b>1.0</b>	<b>49.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>153.2</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>153.2</b>	<b>0.8</b>	<b>0.0</b>
3rd Party	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>SPEEDWAY(12KV) - Customers: 154</b>	<b>189.3</b>	<b>2.0</b>	<b>5.0</b>	<b>125.4</b>	<b>1.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>257.3</b>	<b>2.1</b>	<b>12.4</b>	<b>257.3</b>	<b>2.1</b>	<b>12.4</b>
3rd Party	40%	50%	0%	96%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	59%	50%	60%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	79%	51%	2%	79%	51%	2%
Operation	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	40%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	74%	0%	0%	74%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	49%	25%	21%	49%	25%
<b>SPIKE(12KV) - Customers: 1,214</b>	<b>107.2</b>	<b>1.9</b>	<b>0.0</b>	<b>152.5</b>	<b>2.1</b>	<b>0.0</b>	<b>46.9</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	95%	51%	0%	96%	87%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	5%	49%	0%	4%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>STREAMLINER(12KV) - Customers: 886</b>	<b>3.9</b>	<b>0.0</b>	<b>0.0</b>	<b>223.9</b>	<b>0.2</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>1.0</b>	<b>59.5</b>	<b>0.1</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>73.4</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>132.9</b>	<b>1.1</b>	<b>0.8</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	91%	88%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	96%	99%	100%
Equipment Failure	100%	100%	0%	0%	0%	0%	42%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	100%	100%	0%	0%	0%	0%	9%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	58%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>TAMARIND(12KV) - Customers: 2,293</b>	<b>53.5</b>	<b>1.0</b>	<b>0.0</b>	<b>10.6</b>	<b>0.0</b>	<b>0.0</b>	<b>265.7</b>	<b>2.1</b>	<b>4.0</b>	<b>98.6</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>259.7</b>	<b>2.0</b>	<b>0.6</b>	<b>9.9</b>	<b>0.0</b>	<b>0.0</b>	<b>368.2</b>	<b>3.1</b>	<b>2.6</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	27%	33%	38%
Equipment Failure	32%	2%	0%	53%	28%	0%	100%	100%	75%	0%	0%	0%	0%	0%	50%	99%	99%	100%	0%	0%	0%	70%	66%	62%
Operation	0%	0%	0%	47%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	1%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	68%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	1%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>TENDER(12KV) - Customers: 1,393</b>	<b>196.7</b>	<b>1.2</b>	<b>1.0</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>36.9</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>90.5</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>122.6</b>	<b>1.0</b>	<b>0.0</b>	<b>213.1</b>	<b>2.0</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	100%	0%	0%	0%	0%	0%	0%	0%	42%	49%	0%
Equipment Failure	64%	87%	0%	0%	0%	0%	23%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	36%	13%	0%	100%	100%	0%	77%	99%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	58%	51%	0%
<b>TILDEN(12KV) - Customers: 46</b>	<b>182.4</b>	<b>2.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>192.9</b>	<b>2.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	94%	98%	0%	0%	0%	0%	34%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	66%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	6%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>TOKAY(12KV) - Customers: 2,361</b>	<b>67.3</b>	<b>0.8</b>	<b>0.0</b>	<b>8.7</b>	<b>0.0</b>	<b>2.0</b>	<b>78.3</b>	<b>1.8</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>22.7</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.8</b>	<b>0.0</b>	<b>0.0</b>	<b>26.5</b>	<b>0.0</b>	<b>2.0</b>
3rd Party	98%	99%	0%	0%	0%	0%	6%	40%	33%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	2%	1%	0%	45%	33%	50%	77%	56%	33%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	86%	61%	0%
Operation	0%	0%	0%	55%	67%	0%	18%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	50%	0%	0%	34%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	14%	39%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>TRACTOR(12KV) - Customers: 323</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.1</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>TRAPP(12KV) - Customers: 2,669</b>	<b>23.7</b>	<b>0.1</b>	<b>1.0</b>	<b>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>41.1</b>	<b>1.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>34.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>34.1</b>	<b>0.0</b>	<b>1.0</b>
3rd Party	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	65%	28%	0%	0%	0%	0%	64%	4%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	35%	72%	0%	100%	100%	0%	36%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>WAHLSTROM(12KV) - Customers: 2,415</b>	<b>11.9</b>	<b>0.0</b>	<b>3.0</b>	<b>29.1</b>	<b>0.1</b>	<b>2.0</b>	<b>43.8</b>	<b>1.4</b>	<b>2.0</b>	<b>149.6</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.5</b>	<b>1.0</b>	<b>0.0</b>	<b>10.9</b>	<b>0.0</b>	<b>0.9</b>	<b>192.9</b>	<b>2.1</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	77%	53%	99%
Equipment Failure	82%	66%	33%	67%	44%	0%	65%	26%	49%	0%	0%	0%	0%	0%	0%	98%	99%	0%	99%	50%	0%	22%	46%	0%
Operation	18%	34%	0%	33%	56%	0%	35%	74%	0%	1%	1%	100%	0%	0%	0%	2%	1%	0%	1%	50%	0%	1%	1%	1%
Other	0%	0%	0%	0%	0%	0%	0%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	33%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	33%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>WIGWAG(12KV) - Customers: 2,162</b>	<b>83.5</b>	<b>0.7</b>	<b>1.0</b>	<b>79.7</b>	<b>0.2</b>	<b>1.0</b>	<b>98.8</b>	<b>1.8</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	97%	96%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	100%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ZIMMER(12KV) - Customers: 1,087</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>443.8</b>	<b>1.0</b>	<b>1.0</b>	<b>241.1</b>	<b>2.1</b>	<b>4.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.1</b>	<b>0.1</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.1</b>	<b>0.1</b>	<b>2.0</b>
3rd Party	0%	0%	0%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	78%	48%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	22%	52%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Fontana

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>ZINFANDEL(12KV) - Customers: 1,990</b>	<b>33.4</b>	<b>2.0</b>	<b>2.0</b>	<b>4.6</b>	<b>0.0</b>	<b>1.0</b>	<b>19.4</b>	<b>0.1</b>	<b>1.0</b>	<b>102.0</b>	<b>2.2</b>	<b>1.0</b>	<b>7.0</b>	<b>0.5</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>109.0</b>	<b>2.7</b>	<b>3.0</b>
3rd Party	2%	0%	0%	0%	0%	100%	39%	30%	0%	0%	0%	0%	69%	97%	100%	0%	0%	0%	0%	0%	0%	4%	18%	33%
Equipment Failure	5%	0%	0%	48%	10%	0%	57%	21%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	52%	90%	0%	4%	49%	0%	22%	46%	0%	31%	3%	0%	0%	0%	0%	0%	0%	0%	23%	38%	0%
Other	93%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	67%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	78%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	73%	44%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%