



# Circuit Reliability Review

## **Ventura District 3**

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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://www.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 Ventura District

Camarillo

Channel Islands Beach

El Rio

Fillmore

Meiners Oaks

Mira Monte

Oak View

Ojai

Oxnard

Port Hueneme

San Buenaventura (Ventura)

Santa Paula

**Ventura**

# 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.

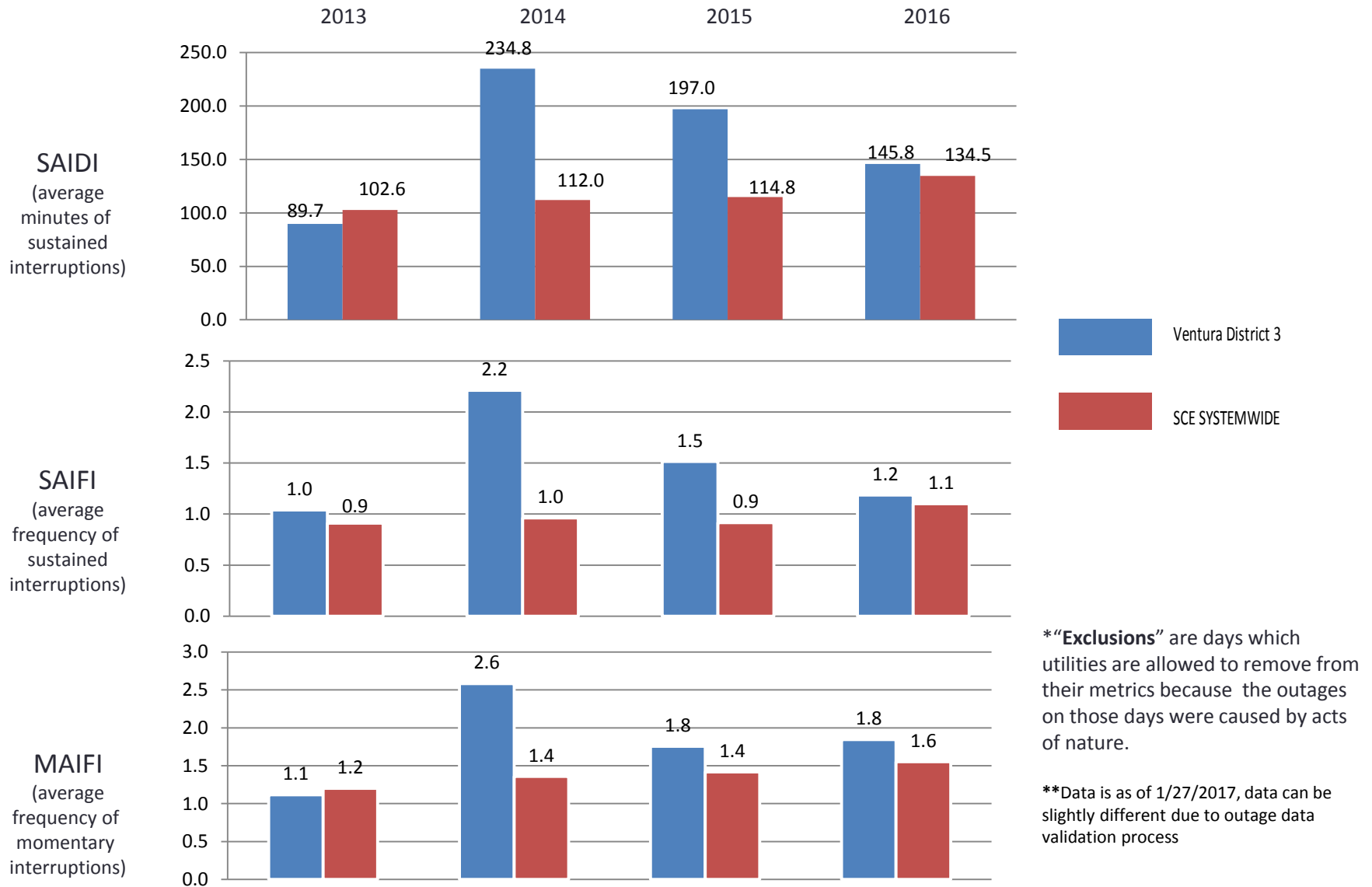
\*\*In the columns showing "Rank," lower numbers indicate poorer performance.

# Overview of Ventura District 3

## There are 39 circuits that serve Ventura District 3

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ANGUS(16KV)	1,603	ROSA(16KV)	4,812				
ARNEILL(16KV)	1,124	SEMINARY(16KV)	1,309				
ATMORE(16KV)	2,930	SESPE(4.16KV)	18				
AVOCADO(4.16KV)	39	SIDEWINDER(16KV)	2,777				
BALCOM(16KV)	1,417	SURFSIDE(16KV)	5,578				
BARRINGTON(16KV)	639	TENNECO(12KV)	4,709				
BEARDSLEY(16KV)	571	TIMBER CANYON(16k	680				
BROOME(16KV)	1,373	TIROS(16KV)	1,139				
BUCKHORN(16KV)	2,436	ZONE(16KV)	938				
CADWAY(16KV)	3,534						
CASTRO(16KV)	2,421						
CLEMSON(16KV)	1,392						
CROSSON(16KV)	5,630						
ESTABAN(16KV)	2,095						
EVITA(16KV)	2,569						
FIFTH ST.(16KV)	284						
FLYNN(16KV)	1,626						
GREENHOUSE(16KV)	2						
GUITAR(16KV)	243						
MAXSON(16KV)	3,309						
MIDDLE ROAD(16KV)	1,148						
MUGU(16KV)	2,146						
PANCHO(16KV)	1,637						
PETIT(16KV)	315						
PONDEROSA(16KV)	3,275						
PYLE(16KV)	358						
RAINBOW(16KV)	404						
RAMAC(16KV)	870						
REDSTONE(16KV)	1,371						
REIMANN(16KV)	1,697						
<b>Grand Total</b>	<b>70,418</b>						

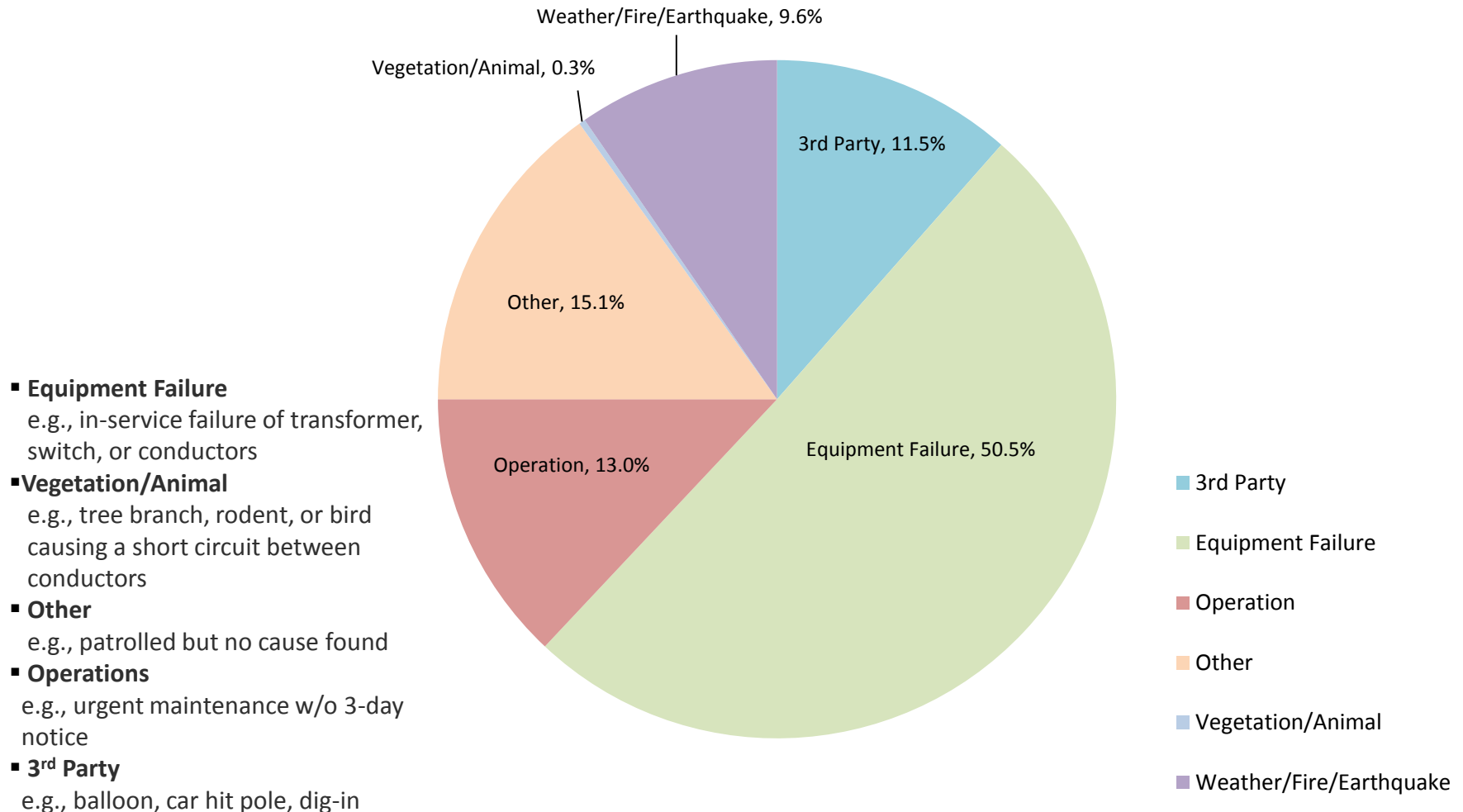
## Reliability History of Circuits Serving Ventura District 3 (No Exclusions)





# Causes of Repair Outages in Ventura District 3 Circuits 2016 YTD

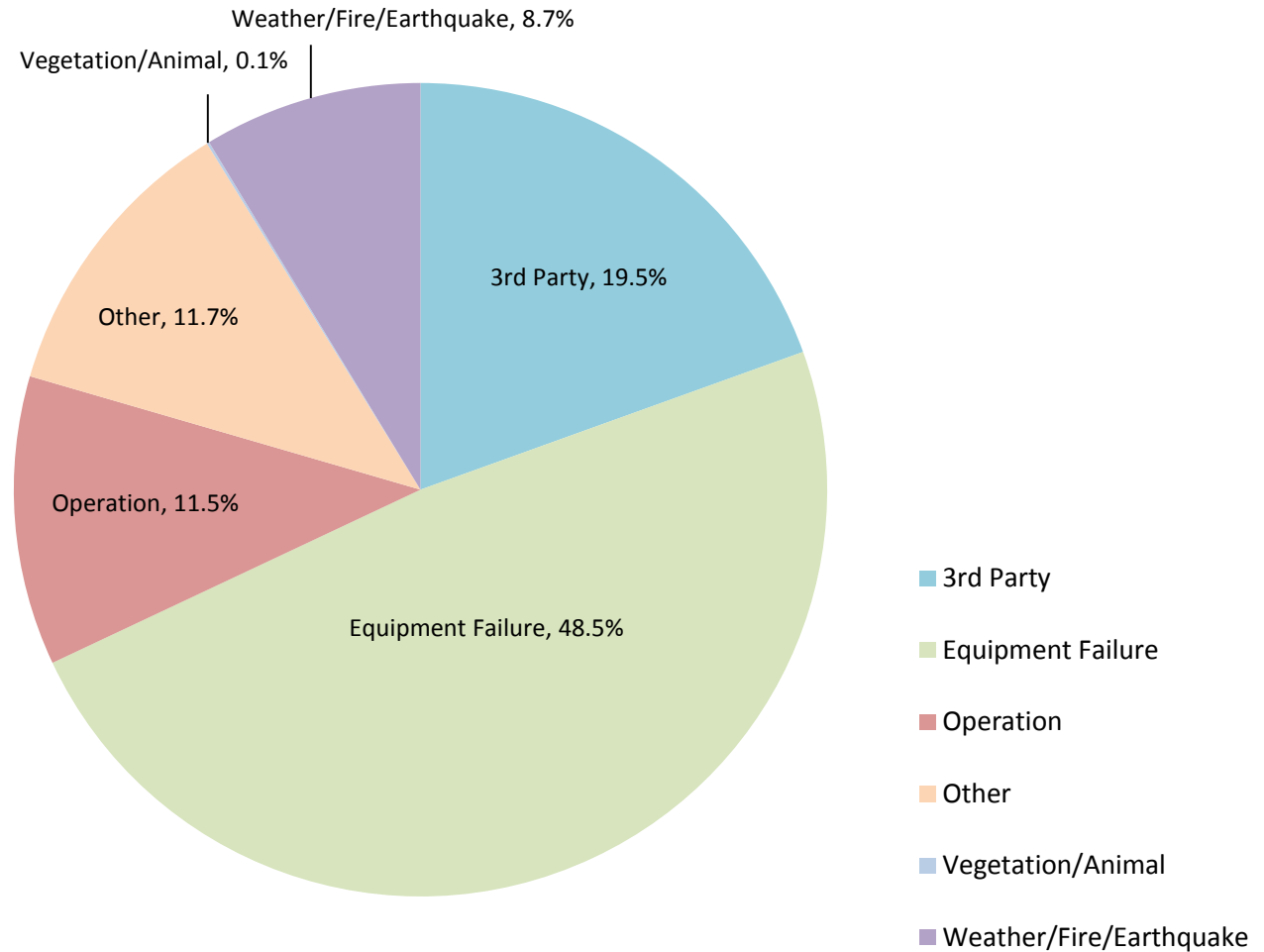
## Contributions to SAIDI by Outage Cause



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

# Causes of Repair Outages in Ventura District 3 Circuits 2016 YTD

## Contributions to SAIFI by Outage Cause



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





## Ventura County District 3 Unincorporated Areas 2017 Capital Improvement Plan

Unincorporated Community

Unincorporated County Area

Supervisory District

Replacement/Equipment Upgrade

• Electrical Equipment Replacement

• Pole Replacement

Other Work

• Circuit Rebuild

• New Circuit

• Structures & Equipment

Replacement/Equipment Upgrade (Transmission)

✕ Electrical Equipment Replacement

✕ Pole Replacement

Other Work (Transmission)

■ Circuit Reliability Upgrade

**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.



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# Back-up Slides

**Reliability Histories of Circuits Serving Ventura District 3**

**Updated through Year-End 2016**

## Average Reliability of 39 Circuits Serving Ventura District 3

	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
Ventura District 3	89.7	1.0	1.1	234.8	2.2	2.6	197.0	1.5	1.8	67.1	0.4	0.7	37.7	0.5	0.5	14.4	0.1	0.3	26.7	0.2	0.4	145.8	1.2	1.8
3rd Party	16%	34%	20%	9%	13%	3%	3%	3%	12%	0%	1%	1%	34%	38%	33%	11%	15%	22%	8%	14%	0%	12%	19%	13%
Equipment Failure	49%	34%	24%	61%	54%	28%	72%	68%	36%	39%	45%	32%	53%	52%	23%	84%	65%	27%	59%	39%	0%	51%	48%	22%
Operation	11%	10%	5%	14%	14%	14%	6%	5%	1%	15%	13%	1%	9%	5%	8%	3%	15%	0%	19%	23%	22%	13%	12%	7%
Other	5%	5%	26%	6%	9%	39%	8%	11%	38%	30%	30%	29%	2%	4%	27%	3%	3%	30%	4%	3%	22%	15%	12%	27%
Vegetation/Animal	7%	9%	7%	1%	1%	11%	4%	7%	5%	0%	0%	20%	1%	0%	5%	0%	0%	21%	0%	0%	54%	0%	0%	23%
Weather/Fire/Earthquake	13%	10%	19%	10%	9%	4%	8%	7%	8%	16%	12%	17%	1%	2%	4%	0%	0%	0%	10%	22%	2%	10%	9%	8%
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 Ventura District 3

	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>ANGUS(16KV) - Customers: 1,603</b>	<b>137.5</b>	<b>1.0</b>	<b>3.0</b>	<b>47.3</b>	<b>0.1</b>	<b>1.0</b>	<b>75.9</b>	<b>0.3</b>	<b>1.5</b>	<b>130.1</b>	<b>1.7</b>	<b>0.4</b>	<b>52.6</b>	<b>0.6</b>	<b>0.4</b>	<b>2.4</b>	<b>0.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>186.0</b>	<b>2.3</b>	<b>1.8</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	100%	100%	96%	0%	0%	0%	0%	0%	0%	28%	27%	21%
Equipment Failure	70%	74%	13%	59%	52%	0%	0%	0%	0%	33%	37%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	24%	27%	21%
Operation	19%	11%	0%	31%	41%	0%	97%	88%	33%	0%	0%	0%	0%	0%	0%	100%	100%	2%	0%	0%	0%	1%	1%	1%
Other	5%	3%	54%	0%	0%	100%	0%	0%	0%	67%	63%	0%	0%	0%	4%	0%	0%	98%	0%	0%	0%	47%	46%	56%
Vegetation/Animal	1%	1%	0%	0%	0%	0%	3%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	5%	12%	32%	9%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ARNEILL(16KV) - Customers: 1,124</b>	<b>89.4</b>	<b>1.0</b>	<b>1.0</b>	<b>7.9</b>	<b>0.0</b>	<b>0.0</b>	<b>35.2</b>	<b>0.1</b>	<b>0.0</b>	<b>495.7</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</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>496.0</b>	<b>0.9</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	98%	0%	0%	0%	0%	92%	75%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	1%	1%	0%	100%	100%	0%	8%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	3%	1%	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>ATMORE(16KV) - Customers: 2,930</b>	<b>52.3</b>	<b>1.1</b>	<b>1.1</b>	<b>213.8</b>	<b>2.2</b>	<b>2.1</b>	<b>7.0</b>	<b>0.9</b>	<b>2.0</b>	<b>11.1</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>1.0</b>	<b>11.7</b>	<b>0.1</b>	<b>3.0</b>
3rd Party	88%	99%	12%	7%	1%	47%	2%	2%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	81%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	12%	1%	0%	93%	99%	53%	17%	2%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	6%	4%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	50%	68%	63%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	64%	60%	33%
Vegetation/Animal	0%	0%	88%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	67%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	32%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	36%	0%
<b>AVOCADO(4.16KV) - Customers: 39</b>	<b>11.0</b>	<b>1.0</b>	<b>1.0</b>	<b>326.0</b>	<b>3.0</b>	<b>3.0</b>	<b>1055.0</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>19.0</b>	<b>1.0</b>	<b>0.0</b>	<b>19.0</b>	<b>1.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	20%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	80%	67%	33%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	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	100%	100%	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%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Ventura District 3

	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>BALCOM(16KV) - Customers: 1,417</b>	<b>203.8</b>	<b>2.3</b>	<b>2.7</b>	<b>115.2</b>	<b>1.3</b>	<b>3.0</b>	<b>102.0</b>	<b>0.6</b>	<b>1.3</b>	<b>77.0</b>	<b>0.3</b>	<b>0.2</b>	<b>14.1</b>	<b>0.3</b>	<b>0.7</b>	<b>179.5</b>	<b>1.5</b>	<b>1.8</b>	<b>136.2</b>	<b>2.1</b>	<b>0.0</b>	<b>406.8</b>	<b>4.1</b>	<b>2.8</b>
3rd Party	11%	12%	64%	0%	0%	0%	46%	55%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	50%	44%	0%	31%	18%	0%	29%	6%	14%	0%	0%	0%	0%	0%	0%	100%	100%	45%	25%	7%	0%	52%	40%	30%
Operation	0%	0%	0%	11%	2%	0%	6%	7%	0%	25%	32%	0%	0%	0%	0%	0%	0%	0%	33%	7%	0%	16%	6%	0%
Other	1%	1%	0%	0%	0%	100%	12%	30%	7%	0%	0%	0%	0%	0%	0%	0%	0%	55%	0%	0%	0%	0%	0%	37%
Vegetation/Animal	0%	0%	0%	4%	1%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	37%	43%	36%	54%	80%	0%	3%	1%	0%	75%	68%	100%	100%	100%	100%	0%	0%	0%	42%	86%	0%	32%	54%	33%
<b>BARRINGTON(16KV) - Customers: 639</b>	<b>47.4</b>	<b>0.1</b>	<b>2.1</b>	<b>65.9</b>	<b>0.1</b>	<b>1.0</b>	<b>231.3</b>	<b>1.7</b>	<b>0.0</b>	<b>6.1</b>	<b>0.0</b>	<b>0.0</b>	<b>123.6</b>	<b>1.5</b>	<b>1.7</b>	<b>9.7</b>	<b>1.0</b>	<b>2.0</b>	<b>9.7</b>	<b>0.0</b>	<b>0.0</b>	<b>149.1</b>	<b>2.6</b>	<b>3.7</b>
3rd Party	70%	56%	3%	0%	0%	0%	95%	98%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Equipment Failure	13%	5%	0%	59%	39%	0%	0%	0%	0%	0%	0%	0%	85%	82%	0%	100%	100%	50%	21%	29%	0%	79%	88%	27%
Operation	16%	37%	0%	7%	9%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	79%	71%	0%	5%	1%	0%
Other	0%	0%	48%	34%	51%	100%	0%	0%	0%	0%	0%	0%	0%	0%	59%	0%	0%	50%	0%	0%	0%	0%	0%	54%
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	2%	2%	48%	0%	0%	0%	4%	1%	0%	0%	0%	0%	15%	18%	41%	0%	0%	0%	0%	0%	0%	12%	10%	19%
<b>BEARDSLEY(16KV) - Customers: 571</b>	<b>132.1</b>	<b>1.6</b>	<b>1.7</b>	<b>185.7</b>	<b>1.6</b>	<b>1.0</b>	<b>192.6</b>	<b>1.8</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>34.4</b>	<b>0.3</b>	<b>1.2</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>36.3</b>	<b>0.3</b>	<b>1.2</b>
3rd Party	3%	0%	58%	89%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	35%	50%	0%	0%	0%	0%	1%	1%	100%
Equipment Failure	71%	93%	42%	1%	0%	0%	94%	99%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Operation	1%	1%	0%	10%	11%	0%	1%	1%	0%	0%	0%	0%	86%	92%	0%	0%	0%	0%	0%	0%	0%	81%	90%	0%
Other	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	65%	50%	0%	0%	0%	0%	3%	1%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	8%	0%	0%	0%	0%	0%	0%	0%	13%	8%	0%
Weather/Fire/Earthquake	25%	5%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>BROOME(16KV) - Customers: 1,373</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>	<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	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%	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 Ventura District 3

	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>BUCKHORN(16KV) - Customers: 2,436</b>	<b>32.9</b>	<b>0.5</b>	<b>0.9</b>	<b>39.1</b>	<b>0.1</b>	<b>1.1</b>	<b>250.9</b>	<b>2.0</b>	<b>2.0</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>5.6</b>	<b>0.0</b>	<b>0.1</b>	<b>2.3</b>	<b>0.0</b>	<b>1.0</b>	<b>17.9</b>	<b>0.0</b>	<b>0.0</b>	<b>27.0</b>	<b>0.1</b>	<b>1.1</b>
3rd Party	67%	85%	42%	2%	2%	0%	1%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	5%	2%	8%	98%	97%	0%	8%	2%	0%	0%	0%	0%	100%	100%	0%	78%	53%	0%	2%	3%	0%	29%	46%	0%
Operation	6%	2%	0%	0%	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	22%	47%	0%	0%	0%	0%	2%	4%	0%
Other	16%	10%	50%	0%	0%	97%	0%	0%	2%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	3%	0%
Weather/Fire/Earthquake	6%	0%	0%	0%	0%	3%	90%	97%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	97%	0%	65%	46%	0%
<b>CADWAY(16KV) - Customers: 3,534</b>	<b>112.3</b>	<b>1.5</b>	<b>1.2</b>	<b>456.1</b>	<b>2.5</b>	<b>3.7</b>	<b>33.8</b>	<b>0.2</b>	<b>1.0</b>	<b>12.0</b>	<b>0.0</b>	<b>1.0</b>	<b>14.0</b>	<b>0.1</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>26.0</b>	<b>0.1</b>	<b>3.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	8%	3%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	33%
Equipment Failure	58%	73%	86%	66%	29%	10%	40%	40%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	54%	85%	0%
Operation	42%	27%	14%	0%	1%	0%	45%	52%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	15%	0%
Other	0%	0%	0%	2%	2%	81%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	3%	3%	0%	6%	4%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	67%
Weather/Fire/Earthquake	0%	0%	0%	29%	65%	10%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CASTRO(16KV) - Customers: 2,421</b>	<b>128.2</b>	<b>1.0</b>	<b>5.1</b>	<b>48.6</b>	<b>0.2</b>	<b>0.1</b>	<b>41.0</b>	<b>0.1</b>	<b>0.1</b>	<b>27.9</b>	<b>0.2</b>	<b>1.2</b>	<b>2.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>25.7</b>	<b>0.2</b>	<b>1.0</b>	<b>56.4</b>	<b>0.5</b>	<b>2.2</b>
3rd Party	0%	0%	2%	11%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	24%	4%	38%	2%	1%	0%	95%	80%	7%	83%	43%	14%	6%	6%	0%	0%	0%	0%	4%	4%	0%	43%	24%	7%
Operation	0%	0%	0%	28%	20%	0%	0%	0%	0%	17%	57%	0%	85%	91%	0%	0%	0%	0%	33%	90%	0%	28%	73%	0%
Other	0%	0%	21%	0%	0%	100%	0%	0%	93%	0%	0%	0%	9%	3%	0%	0%	0%	0%	23%	1%	0%	11%	1%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	2%	11%	0%	0%	0%	86%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	93%
Weather/Fire/Earthquake	76%	96%	38%	59%	47%	0%	3%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	5%	0%	18%	2%	0%
<b>CLEMSON(16KV) - Customers: 1,392</b>	<b>25.9</b>	<b>0.7</b>	<b>0.5</b>	<b>23.4</b>	<b>1.1</b>	<b>1.0</b>	<b>30.7</b>	<b>0.1</b>	<b>0.0</b>	<b>112.0</b>	<b>0.9</b>	<b>0.4</b>	<b>137.4</b>	<b>0.9</b>	<b>0.0</b>	<b>3.5</b>	<b>0.1</b>	<b>0.0</b>	<b>2.7</b>	<b>0.1</b>	<b>0.0</b>	<b>255.5</b>	<b>2.0</b>	<b>0.4</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	66%	16%	0%	60%	93%	0%	72%	83%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	43%	45%	0%	98%	92%	100%
Operation	12%	16%	0%	1%	0%	100%	15%	6%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	57%	55%	0%	2%	8%	0%
Other	0%	0%	0%	39%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	22%	69%	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%	13%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Ventura District 3

	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>CROSSON(16KV) - Customers: 5,630</b>	<b>85.0</b>	<b>1.1</b>	<b>0.2</b>	<b>59.6</b>	<b>0.2</b>	<b>3.9</b>	<b>247.2</b>	<b>2.7</b>	<b>1.2</b>	<b>18.8</b>	<b>0.1</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.2</b>	<b>39.4</b>	<b>0.3</b>	<b>0.0</b>	<b>20.1</b>	<b>0.1</b>	<b>0.2</b>	<b>78.6</b>	<b>0.4</b>	<b>0.4</b>
3rd Party	63%	85%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	4%	0%	0%	0%	0%	1%	2%	0%
Equipment Failure	22%	8%	0%	86%	38%	49%	69%	56%	100%	10%	22%	0%	0%	0%	0%	98%	96%	0%	99%	75%	0%	77%	76%	0%
Operation	5%	3%	0%	6%	46%	0%	1%	1%	0%	90%	78%	0%	100%	100%	0%	0%	0%	0%	1%	25%	0%	22%	22%	0%
Other	8%	4%	100%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
Vegetation/Animal	1%	1%	0%	8%	16%	25%	29%	43%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ESTABAN(16KV) - Customers: 2,095</b>	<b>37.2</b>	<b>0.9</b>	<b>1.3</b>	<b>328.8</b>	<b>3.8</b>	<b>5.4</b>	<b>299.2</b>	<b>1.4</b>	<b>1.7</b>	<b>25.9</b>	<b>0.4</b>	<b>0.0</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>24.4</b>	<b>0.7</b>	<b>0.3</b>	<b>52.9</b>	<b>1.1</b>	<b>0.3</b>
3rd Party	0%	0%	0%	19%	27%	0%	0%	0%	0%	0%	0%	0%	6%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	26%	3%	0%	70%	68%	60%	86%	80%	100%	98%	99%	100%	29%	6%	0%	0%	0%	0%	10%	1%	0%	54%	33%	12%
Operation	25%	9%	0%	6%	2%	21%	3%	9%	0%	2%	1%	0%	4%	18%	0%	0%	0%	0%	65%	84%	60%	31%	56%	53%
Other	11%	1%	84%	0%	0%	1%	1%	2%	0%	0%	0%	0%	61%	59%	0%	0%	0%	0%	11%	1%	0%	8%	1%	0%
Vegetation/Animal	23%	86%	16%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	14%	1%	0%	4%	3%	0%	10%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	14%	40%	7%	10%	35%
<b>EVITA(16KV) - Customers: 2,569</b>	<b>152.1</b>	<b>3.1</b>	<b>0.0</b>	<b>394.6</b>	<b>3.6</b>	<b>2.3</b>	<b>322.1</b>	<b>2.2</b>	<b>1.3</b>	<b>50.2</b>	<b>1.1</b>	<b>0.0</b>	<b>24.9</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>75.1</b>	<b>1.1</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	98%	99%	100%	75%	66%	57%	92%	96%	100%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	2%	1%	0%	17%	5%	0%	8%	4%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Other	0%	0%	0%	8%	29%	43%	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>FIFTH ST.(16KV) - Customers: 284</b>	<b>214.8</b>	<b>1.3</b>	<b>1.9</b>	<b>38.4</b>	<b>0.3</b>	<b>0.0</b>	<b>4.6</b>	<b>0.0</b>	<b>0.0</b>	<b>338.8</b>	<b>1.0</b>	<b>2.0</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>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>341.1</b>	<b>1.0</b>	<b>2.0</b>
3rd Party	80%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	5%	1%	60%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	1%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%
Other	11%	20%	40%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	98%	100%
Vegetation/Animal	3%	2%	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 Ventura District 3

	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>FLYNN(16KV) - Customers: 1,626</b>	<b>10.8</b>	<b>0.1</b>	<b>0.0</b>	<b>121.4</b>	<b>0.9</b>	<b>1.3</b>	<b>45.8</b>	<b>0.8</b>	<b>1.4</b>	<b>4.7</b>	<b>0.0</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>42.1</b>	<b>0.1</b>	<b>0.0</b>	<b>48.4</b>	<b>0.2</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	76%	97%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	27%	3%	1%	74%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	87%	67%	0%
Operation	20%	9%	0%	0%	0%	0%	2%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	13%	33%	0%
Other	0%	0%	0%	0%	0%	73%	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	80%	91%	0%	0%	0%	0%	19%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>GREENHOUSE(16KV) - Customers: 2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>633.0</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>	<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	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>GUITAR(16KV) - Customers: 243</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>213.6</b>	<b>3.1</b>	<b>2.4</b>	<b>193.9</b>	<b>2.3</b>	<b>8.5</b>	<b>24.9</b>	<b>0.3</b>	<b>2.0</b>	<b>5.6</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>8.7</b>	<b>0.0</b>	<b>0.0</b>	<b>39.2</b>	<b>0.3</b>	<b>3.1</b>
3rd Party	0%	0%	0%	23%	27%	6%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	31%	11%	42%	11%	2%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	5%	25%	0%	15%	6%	0%
Operation	0%	0%	0%	0%	1%	0%	2%	1%	0%	90%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	57%	35%	0%
Other	0%	0%	50%	0%	0%	52%	13%	11%	96%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	67%
Vegetation/Animal	0%	0%	50%	44%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	95%	75%	0%	21%	4%	33%
Weather/Fire/Earthquake	0%	0%	0%	1%	0%	0%	74%	86%	0%	10%	61%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	54%	0%
<b>MAXSON(16KV) - Customers: 3,309</b>	<b>18.2</b>	<b>0.7</b>	<b>1.0</b>	<b>125.7</b>	<b>1.2</b>	<b>1.0</b>	<b>14.1</b>	<b>0.1</b>	<b>0.1</b>	<b>4.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>60.5</b>	<b>0.1</b>	<b>1.0</b>	<b>17.7</b>	<b>0.1</b>	<b>0.0</b>	<b>82.3</b>	<b>0.2</b>	<b>1.2</b>
3rd Party	1%	0%	100%	47%	83%	0%	2%	2%	0%	53%	85%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	18%	11%
Equipment Failure	7%	1%	0%	52%	17%	0%	19%	11%	0%	4%	1%	33%	0%	0%	0%	98%	83%	100%	2%	4%	0%	72%	23%	88%
Operation	88%	99%	0%	1%	0%	0%	60%	58%	0%	0%	0%	0%	0%	0%	0%	2%	17%	0%	98%	96%	100%	23%	56%	2%
Other	4%	1%	0%	0%	0%	0%	19%	29%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	1%	0%	0%	0%	0%	100%	0%	0%	0%	9%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	34%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	0%

## Reliability Histories for Individual Circuits Serving Ventura District 3

	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>MIDDLE ROAD(16KV) - Customers: 1,148</b>	<b>79.1</b>	<b>1.0</b>	<b>2.3</b>	<b>358.6</b>	<b>3.5</b>	<b>6.1</b>	<b>108.0</b>	<b>0.8</b>	<b>0.5</b>	<b>176.6</b>	<b>1.5</b>	<b>2.4</b>	<b>213.8</b>	<b>2.4</b>	<b>2.1</b>	<b>4.6</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>395.0</b>	<b>4.0</b>	<b>5.6</b>
3rd Party	0%	0%	0%	13%	28%	0%	2%	1%	0%	0%	0%	0%	58%	56%	100%	0%	0%	0%	0%	0%	0%	32%	34%	38%
Equipment Failure	71%	75%	59%	18%	32%	33%	8%	2%	0%	73%	65%	81%	42%	44%	0%	100%	100%	100%	0%	0%	0%	56%	52%	53%
Operation	7%	5%	41%	51%	10%	15%	21%	13%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	19%	25%	10%	0%	27%	35%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	13%	8%
Vegetation/Animal	0%	1%	0%	0%	0%	16%	44%	73%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	22%	19%	0%	17%	30%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MUGU(16KV) - Customers: 2,146</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>1.6</b>	<b>85.8</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>376.4</b>	<b>2.7</b>	<b>0.0</b>	<b>462.2</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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	81%	90%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	10%	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%	100%	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>PANCHO(16KV) - Customers: 1,637</b>	<b>4.1</b>	<b>0.0</b>	<b>1.0</b>	<b>119.1</b>	<b>3.1</b>	<b>1.1</b>	<b>198.0</b>	<b>1.2</b>	<b>0.0</b>	<b>5.1</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>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5.1</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%	100%	100%	100%	9%	83%	85%	0%	61%	56%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	61%	56%	0%
Operation	0%	0%	0%	0%	0%	0%	17%	15%	0%	39%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	39%	44%	0%
Other	0%	0%	0%	0%	0%	91%	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>PETIT(16KV) - Customers: 315</b>	<b>39.2</b>	<b>0.1</b>	<b>0.0</b>	<b>144.5</b>	<b>1.2</b>	<b>0.4</b>	<b>14.8</b>	<b>0.1</b>	<b>0.1</b>	<b>21.7</b>	<b>0.1</b>	<b>1.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>17.9</b>	<b>0.1</b>	<b>0.0</b>	<b>303.7</b>	<b>1.4</b>	<b>1.0</b>	<b>345.2</b>	<b>1.6</b>	<b>2.0</b>
3rd Party	6%	10%	0%	12%	3%	15%	22%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	72%	83%	0%	63%	73%	0%
Equipment Failure	0%	0%	0%	1%	0%	0%	78%	71%	100%	32%	50%	0%	100%	100%	0%	0%	0%	0%	20%	14%	0%	20%	15%	0%
Operation	0%	0%	0%	86%	97%	68%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	50%	0%	0%	0%	0%	3%	4%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	37%	50%	0%	0%	0%	100%	2%	4%	100%
Weather/Fire/Earthquake	94%	90%	0%	0%	0%	0%	0%	0%	0%	68%	50%	0%	0%	0%	0%	0%	0%	0%	9%	2%	0%	12%	4%	0%

## Reliability Histories for Individual Circuits Serving Ventura District 3

	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>PONDEROSA(16KV) - Customers: 3,275</b>	<b>62.8</b>	<b>0.3</b>	<b>0.0</b>	<b>267.1</b>	<b>1.9</b>	<b>1.5</b>	<b>272.2</b>	<b>2.5</b>	<b>1.3</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>27.7</b>	<b>0.1</b>	<b>0.0</b>	<b>29.0</b>	<b>0.2</b>	<b>0.0</b>	<b>56.7</b>	<b>0.3</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	84%	34%	0%	30%	42%	23%	95%	93%	100%	0%	0%	0%	0%	0%	0%	90%	49%	0%	0%	0%	0%	44%	18%	0%
Operation	11%	55%	0%	2%	2%	0%	5%	7%	0%	0%	0%	0%	0%	0%	0%	2%	13%	0%	84%	57%	0%	44%	41%	0%
Other	5%	11%	0%	1%	2%	65%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	38%	0%	16%	43%	0%	13%	41%	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%	67%	55%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>PYLE(16KV) - Customers: 358</b>	<b>15.0</b>	<b>0.1</b>	<b>0.0</b>	<b>81.5</b>	<b>0.5</b>	<b>0.1</b>	<b>68.6</b>	<b>0.6</b>	<b>0.6</b>	<b>5.4</b>	<b>0.1</b>	<b>1.0</b>	<b>24.7</b>	<b>0.0</b>	<b>1.0</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>17.3</b>	<b>0.1</b>	<b>1.0</b>	<b>49.5</b>	<b>0.2</b>	<b>3.0</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	4%	2%	0%	60%	22%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	24%	0%	5%	10%	0%
Operation	0%	0%	0%	40%	78%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	32%	17%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	85%	76%	0%	45%	69%	0%
Vegetation/Animal	63%	81%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	50%	21%	100%
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>RAINBOW(16KV) - Customers: 404</b>	<b>202.5</b>	<b>3.0</b>	<b>2.0</b>	<b>150.0</b>	<b>1.1</b>	<b>2.3</b>	<b>441.3</b>	<b>5.6</b>	<b>8.0</b>	<b>292.4</b>	<b>1.9</b>	<b>0.5</b>	<b>142.9</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>435.2</b>	<b>3.0</b>	<b>0.5</b>
3rd Party	31%	34%	28%	51%	54%	57%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	33%	26%	22%	48%	44%	0%	25%	17%	6%	72%	52%	0%	61%	54%	0%	0%	0%	0%	0%	0%	0%	68%	52%	0%
Operation	32%	39%	0%	2%	2%	43%	38%	19%	0%	7%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	12%	0%
Other	0%	0%	0%	0%	0%	0%	20%	47%	32%	0%	0%	100%	38%	45%	0%	0%	0%	0%	0%	0%	0%	13%	16%	100%
Vegetation/Animal	4%	0%	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%	0%	0%	0%	12%	18%	62%	21%	29%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	14%	20%	0%
<b>RAMAC(16KV) - Customers: 870</b>	<b>85.0</b>	<b>0.4</b>	<b>0.0</b>	<b>217.9</b>	<b>1.4</b>	<b>2.0</b>	<b>60.3</b>	<b>0.2</b>	<b>0.3</b>	<b>813.4</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>815.0</b>	<b>2.9</b>	<b>0.0</b>
3rd Party	24%	30%	0%	59%	82%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	17%	5%	47%	13%	3%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
Operation	19%	25%	0%	23%	12%	0%	36%	65%	0%	42%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%	62%	0%
Other	0%	0%	0%	0%	0%	3%	0%	0%	25%	58%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	58%	38%	0%
Vegetation/Animal	13%	16%	0%	1%	0%	50%	51%	32%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	45%	29%	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 Ventura District 3

	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>REDSTONE(16KV) - Customers: 1,371</b>	<b>70.2</b>	<b>0.9</b>	<b>0.1</b>	<b>370.6</b>	<b>3.3</b>	<b>4.2</b>	<b>213.9</b>	<b>1.0</b>	<b>1.1</b>	<b>89.7</b>	<b>1.2</b>	<b>4.8</b>	<b>229.1</b>	<b>5.2</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>319.0</b>	<b>6.5</b>	<b>4.9</b>
3rd Party	90%	99%	73%	5%	30%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	81%	58%	53%	91%	95%	100%	90%	98%	45%	96%	99%	100%	100%	100%	0%	0%	0%	0%	94%	99%	45%
Operation	0%	0%	27%	1%	1%	0%	0%	1%	0%	7%	2%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
Other	0%	0%	0%	1%	1%	24%	9%	4%	0%	0%	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%
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	10%	1%	0%	11%	9%	0%	0%	0%	0%	3%	0%	28%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	27%
<b>REIMANN(16KV) - Customers: 1,697</b>	<b>28.4</b>	<b>0.3</b>	<b>0.7</b>	<b>226.5</b>	<b>1.7</b>	<b>0.1</b>	<b>12.7</b>	<b>0.0</b>	<b>2.0</b>	<b>212.0</b>	<b>1.0</b>	<b>0.0</b>	<b>38.1</b>	<b>0.1</b>	<b>0.0</b>	<b>8.6</b>	<b>0.1</b>	<b>1.0</b>	<b>48.1</b>	<b>1.1</b>	<b>0.0</b>	<b>306.8</b>	<b>2.3</b>	<b>1.0</b>
3rd Party	0%	0%	0%	35%	45%	100%	0%	0%	50%	0%	0%	0%	0%	0%	0%	99%	99%	100%	99%	100%	0%	18%	51%	100%
Equipment Failure	49%	6%	0%	9%	1%	0%	99%	96%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	12%	3%	0%
Operation	51%	94%	100%	56%	54%	0%	1%	4%	0%	7%	5%	0%	0%	0%	0%	1%	1%	0%	1%	0%	0%	5%	2%	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%	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%	93%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	64%	44%	0%
<b>ROSA(16KV) - Customers: 4,812</b>	<b>29.2</b>	<b>0.1</b>	<b>0.0</b>	<b>368.2</b>	<b>3.2</b>	<b>4.3</b>	<b>130.3</b>	<b>1.7</b>	<b>0.0</b>	<b>16.0</b>	<b>0.0</b>	<b>0.0</b>	<b>113.8</b>	<b>2.1</b>	<b>0.0</b>	<b>15.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>145.5</b>	<b>2.2</b>	<b>0.0</b>
3rd Party	0%	0%	0%	29%	31%	0%	0%	0%	0%	0%	0%	0%	86%	95%	0%	0%	0%	0%	0%	0%	0%	68%	92%	0%
Equipment Failure	47%	71%	100%	37%	17%	53%	88%	94%	0%	100%	100%	100%	3%	1%	0%	100%	100%	0%	0%	0%	0%	24%	4%	100%
Operation	53%	29%	0%	34%	52%	47%	12%	6%	0%	0%	0%	0%	10%	4%	0%	0%	0%	0%	0%	0%	0%	8%	4%	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>SEMINARY(16KV) - Customers: 1,309</b>	<b>343.9</b>	<b>3.8</b>	<b>3.2</b>	<b>841.8</b>	<b>4.8</b>	<b>6.0</b>	<b>152.5</b>	<b>1.4</b>	<b>2.7</b>	<b>31.1</b>	<b>0.1</b>	<b>1.0</b>	<b>14.7</b>	<b>0.9</b>	<b>0.2</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>45.8</b>	<b>0.9</b>	<b>1.2</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	15%	5%	0%	100%	100%	50%	89%	90%	67%	40%	36%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	2%	84%
Operation	0%	0%	0%	0%	0%	17%	11%	10%	0%	60%	64%	0%	62%	7%	0%	0%	0%	0%	0%	0%	0%	60%	11%	0%
Other	18%	26%	0%	0%	0%	17%	0%	0%	33%	0%	0%	0%	38%	93%	100%	0%	0%	0%	0%	0%	0%	12%	87%	16%
Vegetation/Animal	48%	44%	8%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	19%	26%	61%	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 Ventura District 3

	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>SESPE(4.16KV) - Customers: 18</b>	<b>148.8</b>	<b>0.1</b>	<b>2.7</b>	<b>19.4</b>	<b>0.2</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>887.1</b>	<b>1.0</b>	<b>0.0</b>	<b>7.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>894.1</b>	<b>2.0</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%	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%	100%	100%	0%	0%	0%	0%	1%	50%	0%
Other	100%	100%	38%	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	99%	50%	100%
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%	63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SIDEWINDER(16KV) - Customers: 2,777</b>	<b>113.5</b>	<b>0.3</b>	<b>1.0</b>	<b>31.5</b>	<b>0.2</b>	<b>1.0</b>	<b>14.4</b>	<b>0.2</b>	<b>0.2</b>	<b>11.1</b>	<b>0.0</b>	<b>0.0</b>	<b>23.6</b>	<b>0.1</b>	<b>1.0</b>	<b>1.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>36.5</b>	<b>0.1</b>	<b>1.0</b>
3rd Party	30%	19%	93%	0%	0%	0%	34%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	52%	37%	0%	42%	28%	0%	22%	1%	0%	31%	16%	0%	3%	1%	100%	97%	50%	0%	100%	100%	0%	16%	7%	100%
Operation	10%	11%	7%	1%	1%	0%	41%	96%	100%	0%	0%	0%	97%	99%	0%	3%	50%	0%	0%	0%	0%	63%	69%	0%
Other	8%	33%	0%	57%	70%	100%	0%	0%	0%	69%	84%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	24%	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%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SURFSIDE(16KV) - Customers: 5,578</b>	<b>17.9</b>	<b>1.9</b>	<b>0.1</b>	<b>568.7</b>	<b>7.9</b>	<b>1.0</b>	<b>377.0</b>	<b>3.2</b>	<b>1.2</b>	<b>60.3</b>	<b>0.1</b>	<b>2.1</b>	<b>71.6</b>	<b>0.7</b>	<b>1.7</b>	<b>5.1</b>	<b>0.0</b>	<b>0.0</b>	<b>16.3</b>	<b>0.1</b>	<b>1.0</b>	<b>153.2</b>	<b>1.0</b>	<b>4.7</b>
3rd Party	64%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	60%	0%	0%	0%	0%	0%	0%	1%	1%	21%
Equipment Failure	29%	1%	0%	86%	85%	24%	93%	97%	98%	82%	82%	47%	90%	95%	40%	53%	27%	0%	11%	4%	0%	77%	81%	35%
Operation	7%	1%	0%	2%	2%	76%	7%	3%	2%	2%	9%	5%	8%	4%	0%	7%	27%	0%	89%	96%	100%	14%	16%	23%
Other	0%	0%	0%	13%	13%	0%	0%	0%	0%	16%	8%	48%	0%	0%	0%	41%	46%	0%	0%	0%	0%	8%	2%	21%
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>TENNECO(12KV) - Customers: 4,709</b>	<b>70.1</b>	<b>0.2</b>	<b>1.2</b>	<b>86.2</b>	<b>1.6</b>	<b>7.4</b>	<b>260.0</b>	<b>3.0</b>	<b>11.8</b>	<b>179.6</b>	<b>1.0</b>	<b>1.9</b>	<b>38.7</b>	<b>0.0</b>	<b>1.0</b>	<b>0.2</b>	<b>0.0</b>	<b>1.0</b>	<b>2.5</b>	<b>0.0</b>	<b>2.0</b>	<b>221.0</b>	<b>1.1</b>	<b>6.0</b>
3rd Party	0%	0%	0%	4%	25%	0%	0%	0%	0%	0%	0%	0%	98%	94%	4%	0%	0%	0%	0%	0%	0%	17%	4%	1%
Equipment Failure	55%	51%	0%	2%	0%	0%	10%	33%	17%	1%	1%	0%	0%	0%	0%	35%	75%	0%	13%	26%	0%	1%	1%	0%
Operation	0%	0%	0%	16%	12%	0%	0%	0%	0%	0%	0%	0%	2%	6%	0%	65%	25%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	90%	77%	63%	73%	74%	66%	66%	64%	78%	41%	0%	0%	96%	0%	0%	0%	70%	70%	50%	52%	74%	47%
Vegetation/Animal	0%	0%	0%	0%	0%	13%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%	0%	0%	34%
Weather/Fire/Earthquake	45%	49%	9%	1%	0%	13%	16%	1%	9%	36%	21%	59%	0%	0%	0%	0%	0%	0%	17%	4%	0%	29%	20%	19%

## Reliability Histories for Individual Circuits Serving Ventura District 3

	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>TIMBER CANYON(16KV) - Customers: 680</b>	<b>20.7</b>	<b>0.3</b>	<b>3.8</b>	<b>13.0</b>	<b>0.1</b>	<b>2.0</b>	<b>70.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.4</b>	<b>0.0</b>	<b>0.0</b>	<b>12.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>16.8</b>	<b>1.1</b>	<b>1.0</b>
3rd Party	0%	0%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	60%	3%	0%	57%	44%	0%	11%	3%	0%	0%	0%	0%	18%	4%	0%	0%	0%	0%	100%	100%	0%	7%	0%	0%
Operation	10%	19%	0%	11%	11%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	98%	100%	0%	0%	0%	0%	71%	97%	0%
Other	17%	76%	22%	0%	0%	50%	1%	2%	0%	0%	0%	0%	0%	0%	0%	2%	0%	100%	0%	0%	0%	1%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	82%	96%	0%	0%	0%	0%	0%	0%	0%	22%	3%	0%
Weather/Fire/Earthquake	12%	1%	52%	32%	44%	0%	88%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>TIROS(16KV) - Customers: 1,139</b>	<b>743.0</b>	<b>3.2</b>	<b>4.8</b>	<b>104.1</b>	<b>1.1</b>	<b>0.9</b>	<b>1901.0</b>	<b>3.1</b>	<b>1.8</b>	<b>69.9</b>	<b>0.2</b>	<b>0.3</b>	<b>10.2</b>	<b>0.1</b>	<b>0.9</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>149.1</b>	<b>0.3</b>	<b>0.0</b>	<b>230.3</b>	<b>0.6</b>	<b>1.2</b>
3rd Party	0%	1%	0%	0%	0%	0%	5%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	18%	0%	5%	8%	0%
Equipment Failure	87%	84%	79%	40%	10%	0%	91%	63%	53%	15%	31%	0%	100%	100%	100%	0%	0%	0%	85%	78%	0%	64%	62%	75%
Operation	12%	15%	0%	32%	82%	100%	0%	0%	0%	1%	3%	0%	0%	0%	0%	100%	100%	0%	8%	4%	0%	6%	3%	0%
Other	1%	0%	21%	11%	2%	0%	0%	0%	0%	85%	66%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	26%	26%	25%
Vegetation/Animal	0%	0%	0%	12%	5%	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%	4%	1%	0%	3%	23%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ZONE(16KV) - Customers: 938</b>	<b>177.5</b>	<b>1.5</b>	<b>3.1</b>	<b>219.7</b>	<b>0.7</b>	<b>0.1</b>	<b>474.2</b>	<b>2.4</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>17.9</b>	<b>0.2</b>	<b>0.0</b>	<b>96.1</b>	<b>1.0</b>	<b>0.1</b>	<b>87.9</b>	<b>1.0</b>	<b>0.3</b>	<b>201.9</b>	<b>2.2</b>	<b>0.5</b>
3rd Party	17%	66%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	99%	100%	0%	0%	0%	0%	56%	53%	0%
Equipment Failure	78%	30%	3%	85%	89%	0%	88%	88%	100%	0%	0%	0%	0%	0%	0%	1%	0%	0%	47%	26%	0%	21%	12%	0%
Operation	1%	2%	32%	5%	2%	0%	12%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	3%	2%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	22%	11%	0%	9%	5%	25%
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%	10%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	31%	63%	100%	14%	29%	75%