



# Circuit Reliability Review

## **San Bernardino District 2**

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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 Redlands District

Banning

Beaumont

Box Springs Mountain

Calimesa

Cherry Valley

Colton

Grand Terrace

Highgrove

Highland

Loma Linda

Mentone

Muscoy

Redlands

Rialto

Riverside

**San Bernardino**

Yucaipa

# 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.

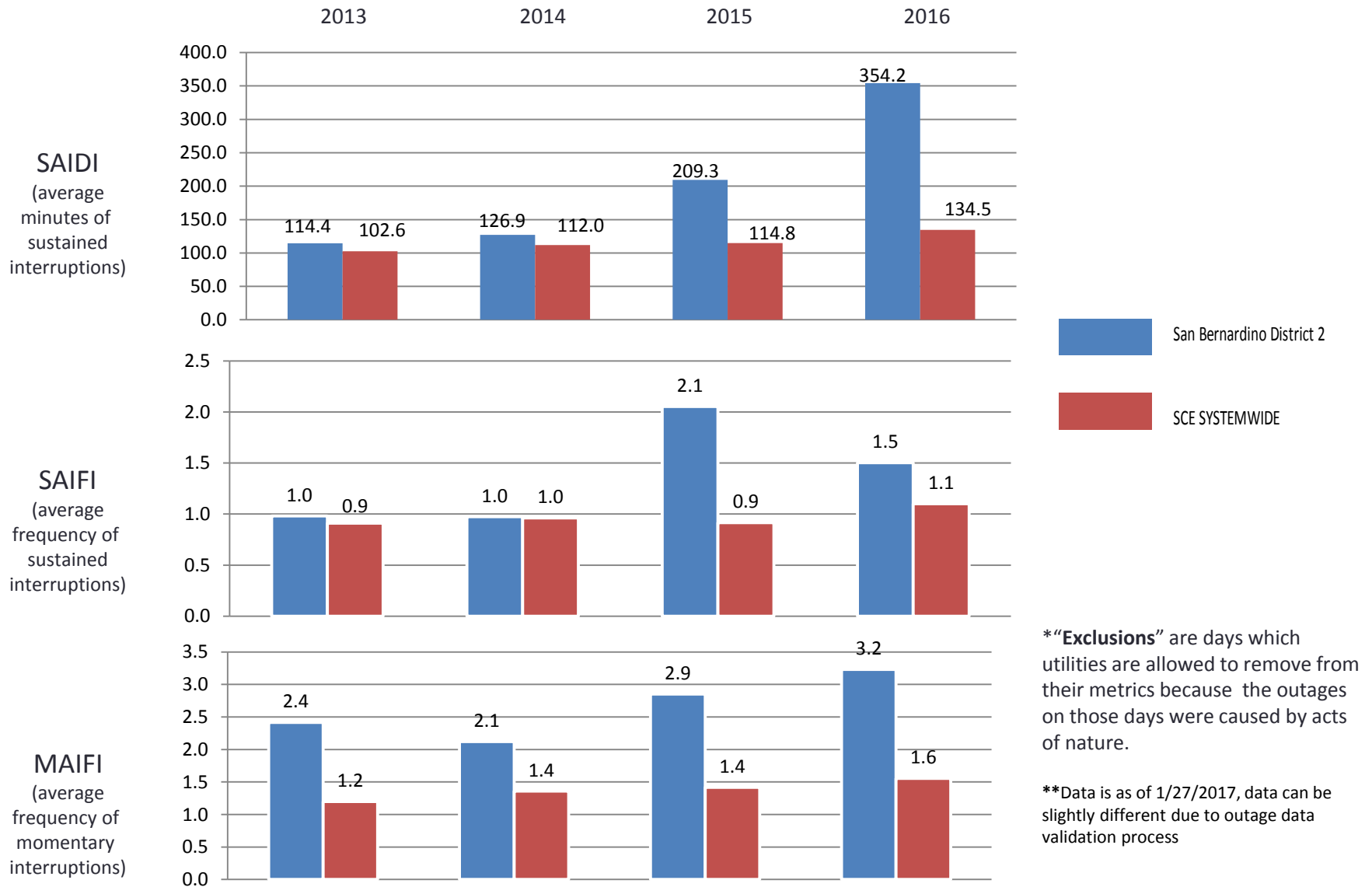
# Overview of San Bernardino District 2

## There are 80 circuits that serve San Bernardino District 2

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ACOSTA(12KV)	1,055	GREEN BEAR(2.4KV)	683	SAMPTRAS(12KV)	90		
ALLVIEW(2.4KV)	297	GRILLEY(12KV)	1,313	SANBER(12KV)	2,962		
ALPINE(2.4KV)	696	HEAPS PEAK(33KV)	6	SEELEY(2.4KV)	758		
AMETHYST(12KV)	1,498	HIGH SCHOOL(2.4KV)	314	SELLERS(12KV)	2,219		
BAMBOO(12KV)	387	HOOK CREEK(2.4KV)	305	SEYMOUR(33KV)	4		
BELUSHI(12KV)	1,184	HOPE(12KV)	964	SKYLAND(2.4KV)	852		
BENNY(12KV)	17	ICE HOUSE(2.4KV)	12	SNOW VALLEY(12KV)	1,001		
BIG RIGG(12KV)	1,669	JEEP(12KV)	2,047	SPEEDWAY(12KV)	154		
BLUE CUT(12KV)	282	JOB(2.4KV)	409	SQUINT(12KV)	1,211		
BROOKINGS(4.16KV)	1	KAISER(12KV)	1,189	TAGGERT(12KV)	611		
CABLE(12KV)	2,030	KIMBERLY(2.4KV)	50	TETLEY(12KV)	745		
CALABASH(12KV)	79	KUFFEL(2.4KV)	574	TOKAY(12KV)	2,361		
CAMP BALDY(2.4KV)	161	LA GRANDE(12KV)	1,628	TORONTO(12KV)	842		
CASMALIA(12KV)	2,320	LURING(2.4KV)	366	TRACTOR(12KV)	323		
CATAWBA(12KV)	1,073	MANNING(12KV)	1,282	TULLY(12KV)	1,057		
CEDAR GLEN(12KV)	938	MARBLE(12KV)	345	TWIN PEAKS(33KV)	2		
CEDAR PINES(2.4KV)	293	MERRIL(4.16KV)	715	VALLEY OF THE MOON(2	629		
CHILLON(2.4KV)	563	MONTREAL(12KV)	1,065	VERDEMONT(33KV)	10		
CITROW(12KV)	743	MORA(12KV)	1,627	WAHLSTROM(12KV)	2,415		
CLUB OAKS(33KV)	2	MORITZ(12KV)	2,105	ZIMMER(12KV)	1,087		
COTTAGE GROVE(2.4KV)	424	NORTH BAY(2.4KV)	194				
COULTER(2.4KV)	2	NORTH SHORE(12KV)	1,131				
CRAM(12KV)	1,306	NORTHPARK(12KV)	2,240				
CRESTLINE(2.4KV)	771	OAK KNOLL(2.4KV)	508				
DALBA(2.4KV)	615	PENSTOCK(12KV)	1,888				
DANGERFIELD(12KV)	1,466	PRYOR(12KV)	2,710				
DIXON(12KV)	1,391	RANGER(2.4KV)	715				
FANO(12KV)	1,308	REDWOOD(12KV)	1,371				
FERRARA(12KV)	1,787	RIM(12KV)	1,910				
FIELDS(12KV)	573	ROWCO(12KV)	1,231				

**Grand Total** 75,161

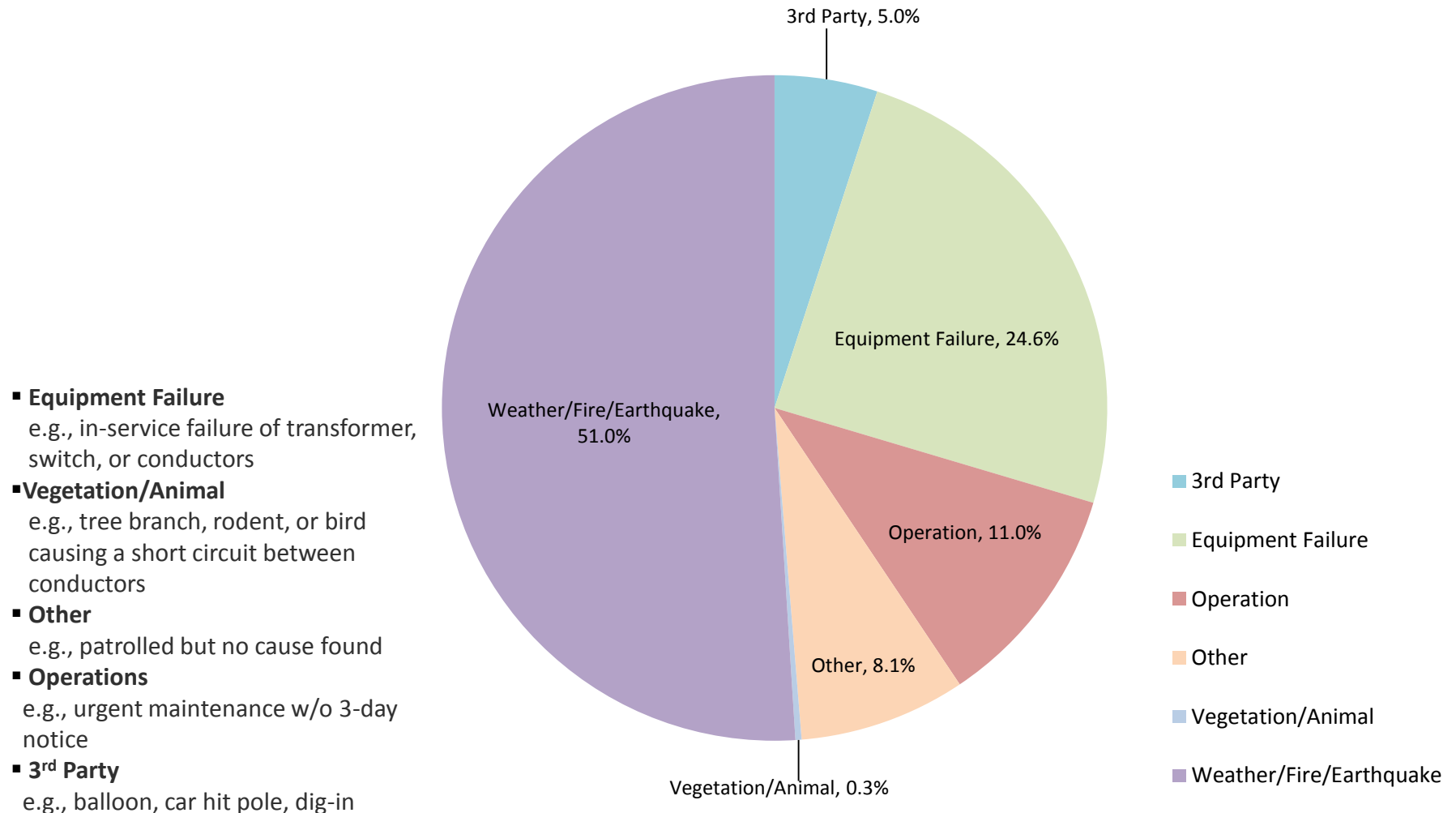
# Reliability History of Circuits Serving San Bernardino District 2 (No Exclusions)





# Causes of Repair Outages in San Bernardino District 2 Circuits 2016 YTD

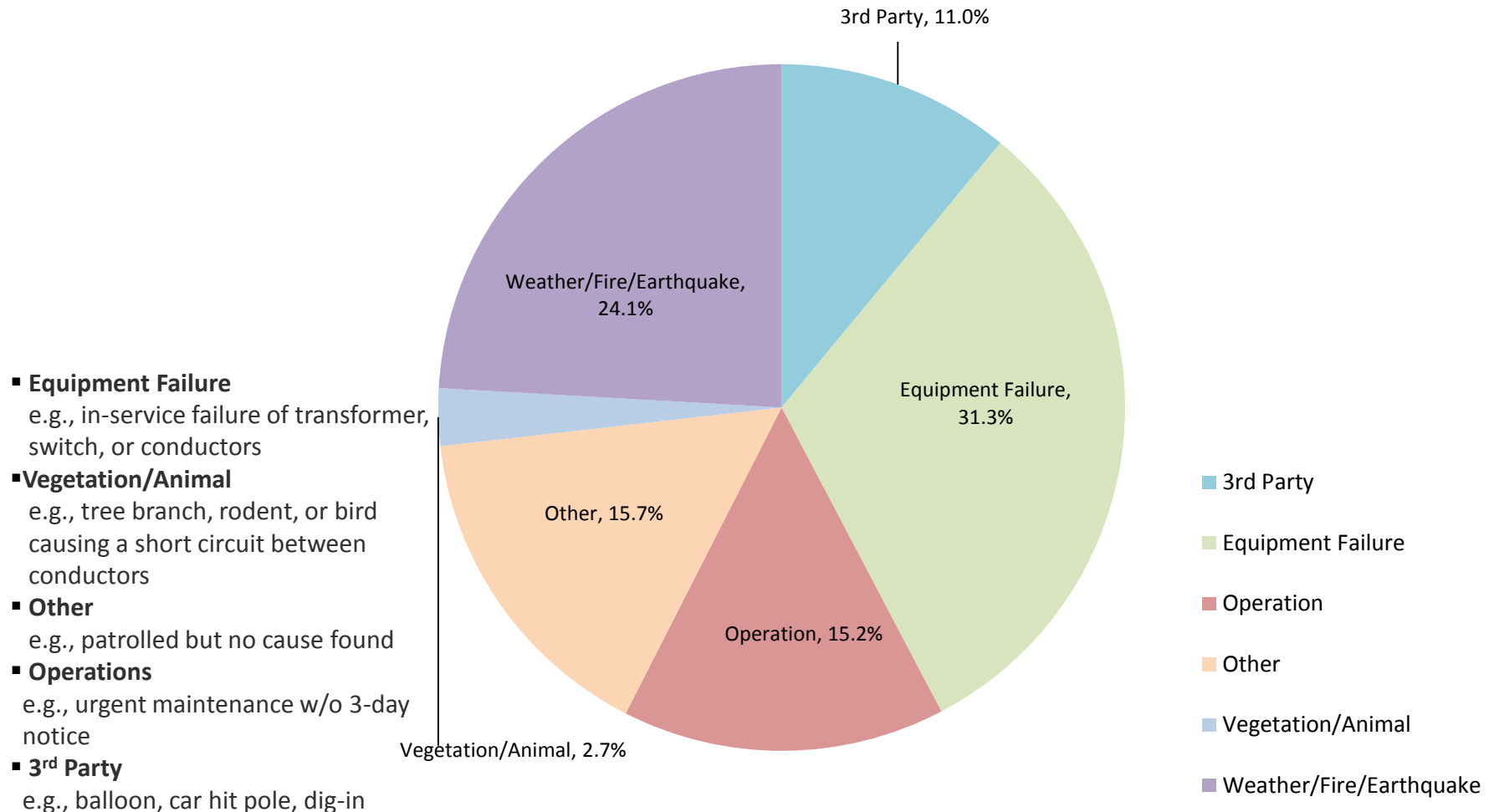
## Contributions to SAIDI by Outage Cause



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

# Causes of Repair Outages in San Bernardino District 2 Circuits 2016 YTD

## Contributions to SAIFI by Outage Cause



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





# **San Bernardino County District 2 Unincorporated Areas 2017 Capital Improvement Plan**

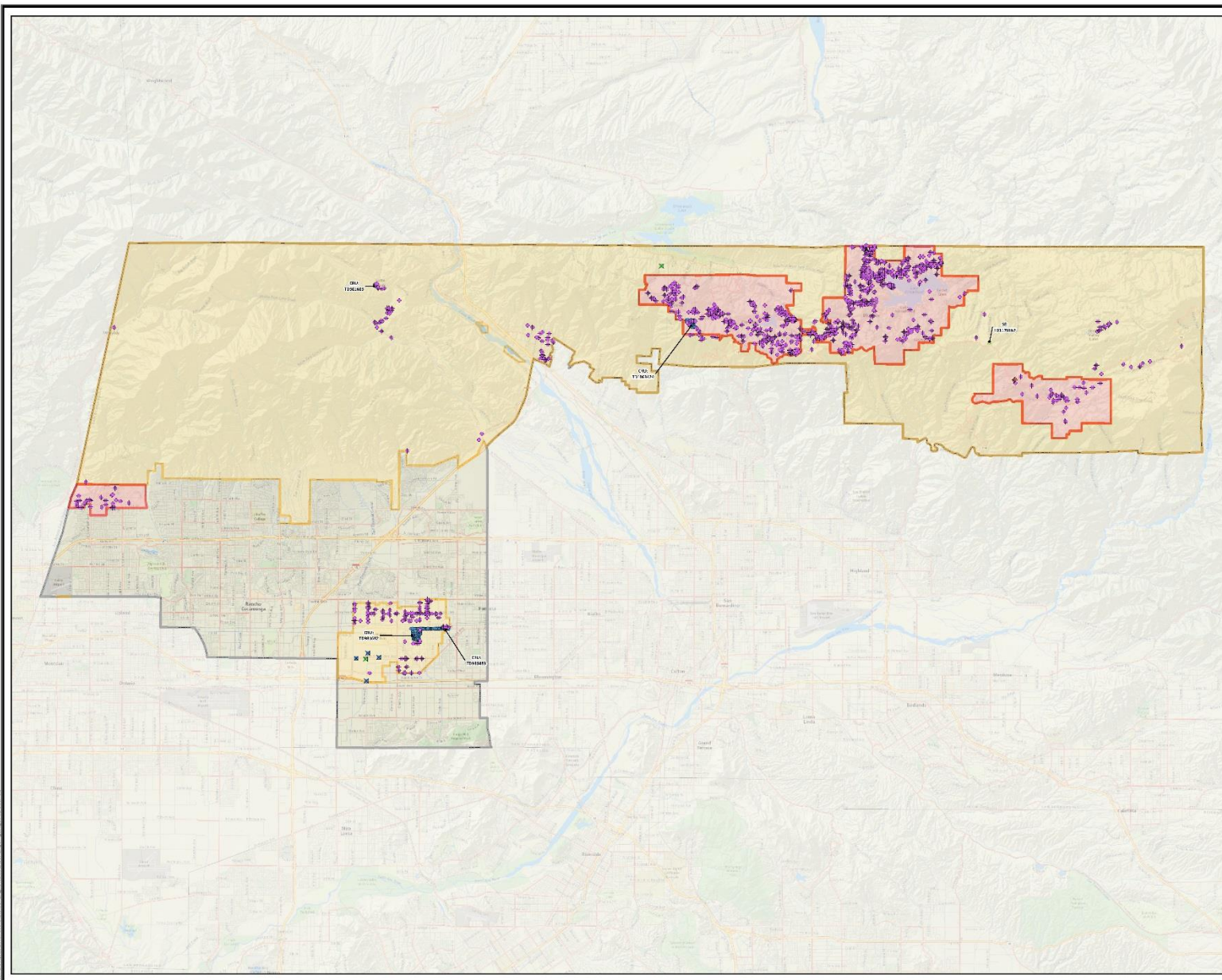
- Unincorporated Community
- Unincorporated County Area
- Supervisory District
- Replacement/Equipment Upgrade
  - Electrical Equipment Replacement
  - Pole Replacement
- Other Work
  - Circuit Reliability Upgrade
  - Structures & Equipment
- Replacement/Equipment Upgrade (Transmission)
  - Electrical 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: 2/2/2017  
File Name: SUPER\_CIP\_San\_Bernardino.mxd

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# Back-up Slides

**Reliability Histories of Circuits Serving San Bernardino District 2**

**Updated through Year-End 2016**

# Average Reliability of 80 Circuits Serving San Bernardino District 2

	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
San Bernardino District 2	114.4	1.0	2.4	126.9	1.0	2.1	209.3	2.1	2.9	121.3	0.5	0.5	33.7	0.3	0.9	109.4	0.4	0.9	89.8	0.3	0.9	354.2	1.5	3.2
3rd Party	13%	28%	10%	16%	11%	8%	8%	6%	5%	5%	9%	2%	12%	13%	15%	5%	18%	40%	2%	5%	5%	5%	11%	17%
Equipment Failure	49%	43%	14%	29%	33%	6%	33%	43%	19%	10%	9%	5%	82%	59%	3%	22%	49%	20%	26%	23%	4%	25%	31%	8%
Operation	6%	4%	2%	6%	12%	4%	12%	16%	3%	4%	24%	0%	3%	6%	0%	22%	13%	0%	11%	13%	1%	11%	15%	0%
Other	21%	13%	59%	19%	14%	55%	23%	24%	62%	11%	13%	64%	2%	21%	80%	7%	18%	20%	8%	12%	69%	8%	16%	58%
Vegetation/Animal	2%	0%	4%	3%	3%	8%	1%	1%	3%	0%	0%	17%	0%	0%	2%	0%	0%	3%	1%	11%	0%	0%	3%	4%
Weather/Fire/Earthquake	10%	12%	11%	26%	27%	19%	24%	10%	7%	70%	45%	13%	2%	1%	0%	44%	3%	17%	52%	35%	20%	51%	24%	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 San Bernardino District 2

	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>ALLVIEW(2.4KV) - Customers: 297</b>	<b>64.4</b>	<b>1.0</b>	<b>8.8</b>	<b>52.7</b>	<b>2.0</b>	<b>11.0</b>	<b>458.4</b>	<b>9.9</b>	<b>16.8</b>	<b>905.5</b>	<b>2.0</b>	<b>0.0</b>	<b>246.8</b>	<b>2.3</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>1494.7</b>	<b>1.0</b>	<b>3.0</b>	<b>2647.0</b>	<b>5.3</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	14%	14%	0%	0%	0%	100%	0%	0%	0%	1%	6%	17%
Equipment Failure	100%	100%	22%	57%	50%	0%	10%	40%	29%	0%	0%	0%	86%	86%	0%	0%	0%	0%	100%	100%	33%	64%	56%	17%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	56%	0%	0%	27%	22%	40%	53%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	33%	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%	22%	43%	50%	64%	68%	20%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	34%	37%	17%
<b>ALPINE(2.4KV) - Customers: 696</b>	<b>0.0</b>	<b>0.0</b>	<b>3.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>819.7</b>	<b>7.0</b>	<b>4.2</b>	<b>318.2</b>	<b>0.9</b>	<b>0.4</b>	<b>0.1</b>	<b>0.0</b>	<b>2.0</b>	<b>383.1</b>	<b>2.2</b>	<b>2.0</b>	<b>673.6</b>	<b>0.5</b>	<b>4.1</b>	<b>1375.0</b>	<b>3.5</b>	<b>8.6</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	46%	50%	0%	0%	0%	11%	29%	12%
Equipment Failure	0%	0%	0%	0%	0%	0%	52%	71%	29%	0%	0%	0%	0%	0%	0%	50%	46%	0%	0%	0%	0%	14%	29%	0%
Operation	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	12%	8%	0%	0%	2%	0%	3%	5%	0%
Other	0%	0%	94%	0%	0%	100%	30%	14%	71%	3%	48%	0%	0%	0%	100%	0%	0%	50%	0%	0%	73%	1%	12%	70%
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%	18%	14%	0%	97%	52%	100%	0%	0%	0%	0%	0%	0%	100%	98%	27%	71%	26%	18%
<b>AMETHYST(12KV) - Customers: 1,498</b>	<b>28.3</b>	<b>0.5</b>	<b>1.0</b>	<b>112.1</b>	<b>1.9</b>	<b>2.0</b>	<b>14.0</b>	<b>0.0</b>	<b>3.0</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>15.5</b>	<b>1.0</b>	<b>0.0</b>	<b>15.5</b>	<b>1.0</b>	<b>0.0</b>
3rd Party	96%	85%	97%	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%	81%	76%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	2%	14%	3%	0%	0%	0%	83%	85%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	2%	1%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Weather/Fire/Earthquake	0%	0%	0%	19%	24%	1%	17%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>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%
<b>BELUSHI(12KV) - Customers: 1,184</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5.8</b>	<b>0.0</b>	<b>1.0</b>	<b>49.4</b>	<b>1.0</b>	<b>0.0</b>	<b>44.2</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>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>44.2</b>	<b>0.5</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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	70%	79%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	30%	21%	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>BENNY(12KV) - Customers: 17</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>32.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.1</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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%	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>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%



# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>BLUE CUT(12KV) - Customers: 282</b>	<b>147.6</b>	<b>1.8</b>	<b>2.0</b>	<b>552.4</b>	<b>3.8</b>	<b>4.5</b>	<b>502.8</b>	<b>7.3</b>	<b>5.5</b>	<b>278.7</b>	<b>2.3</b>	<b>1.1</b>	<b>1.6</b>	<b>0.0</b>	<b>1.0</b>	<b>12058.6</b>	<b>4.6</b>	<b>1.9</b>	<b>333.6</b>	<b>0.8</b>	<b>0.9</b>	<b>12672.5</b>	<b>7.6</b>	<b>5.0</b>
3rd Party	0%	0%	100%	54%	26%	2%	10%	13%	15%	0%	0%	0%	0%	0%	0%	3%	41%	100%	0%	0%	0%	2%	25%	38%
Equipment Failure	100%	100%	0%	0%	0%	31%	56%	34%	19%	100%	100%	100%	100%	100%	0%	1%	16%	0%	0%	0%	0%	3%	39%	22%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	18%	0%	0%	0%	0%	1%	11%	0%
Other	0%	0%	0%	46%	74%	67%	28%	39%	48%	0%	0%	0%	0%	0%	100%	0%	0%	0%	96%	99%	100%	3%	10%	39%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	2%	14%	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%	18%	0%	0%	0%	0%	0%	0%	96%	25%	0%	4%	1%	0%	92%	15%	0%
<b>BROOKINGS(4.16KV) - Customers: 1</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>285.0</b>	<b>3.0</b>	<b>2.0</b>	<b>48.0</b>	<b>2.0</b>	<b>4.0</b>	<b>1045.0</b>	<b>1.0</b>	<b>0.0</b>	<b>374.0</b>	<b>4.0</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>2.0</b>	<b>1419.0</b>	<b>5.0</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	0%	0%	0%	77%	33%	0%	40%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	26%	80%	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%	100%	0%	0%	100%	60%	50%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	60%
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%	23%	67%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	74%	20%	20%
<b>CABLE(12KV) - Customers: 2,030</b>	<b>133.8</b>	<b>1.1</b>	<b>2.0</b>	<b>130.6</b>	<b>1.1</b>	<b>0.0</b>	<b>173.7</b>	<b>2.1</b>	<b>1.0</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>139.1</b>	<b>1.0</b>	<b>1.6</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>143.4</b>	<b>1.1</b>	<b>1.6</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	69%	91%	0%	100%	100%	0%	98%	96%	0%	0%	0%	0%	0%	0%	0%	59%	96%	100%	0%	0%	0%	57%	94%	100%
Operation	31%	9%	50%	0%	0%	0%	1%	2%	0%	100%	100%	0%	0%	0%	0%	41%	4%	0%	0%	0%	0%	41%	5%	0%
Other	0%	0%	50%	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%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	1%	2%	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>CALABASH(12KV) - Customers: 79</b>	<b>143.0</b>	<b>1.1</b>	<b>1.0</b>	<b>47.3</b>	<b>1.0</b>	<b>0.0</b>	<b>75.0</b>	<b>1.0</b>	<b>1.0</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>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>
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	100%	100%	100%	100%	100%	0%	0%	0%	100%	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%	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%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>CAMP BALDY(2.4KV) - Customers: 161</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>1409.3</b>	<b>5.7</b>	<b>4.0</b>	<b>1171.6</b>	<b>3.0</b>	<b>3.0</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>1725.2</b>	<b>3.0</b>	<b>1.0</b>	<b>1725.2</b>	<b>3.0</b>	<b>3.0</b>
3rd Party	0%	0%	0%	45%	17%	25%	62%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	38%	67%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	33%	0%	11%	33%	0%
Operation	0%	0%	0%	17%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	33%	0%	36%	33%	0%
Other	0%	0%	50%	0%	0%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	50%	39%	48%	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%	53%	34%	0%	53%	34%	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%
<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>CEDAR GLEN(12KV) - Customers: 938</b>	<b>2.7</b>	<b>0.0</b>	<b>3.0</b>	<b>21.6</b>	<b>0.0</b>	<b>3.0</b>	<b>97.3</b>	<b>1.3</b>	<b>2.3</b>	<b>488.2</b>	<b>2.0</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>25.6</b>	<b>0.0</b>	<b>2.0</b>	<b>611.5</b>	<b>1.2</b>	<b>0.6</b>	<b>1125.3</b>	<b>3.3</b>	<b>5.7</b>
3rd Party	0%	0%	0%	19%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	17%
Equipment Failure	100%	100%	0%	0%	0%	0%	3%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	81%	63%	0%	0%	0%	0%	2%	27%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	18%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	90%	88%	61%	50%	0%	0%	100%	0%	0%	50%	0%	0%	100%	38%	38%	73%
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%	97%	77%	10%	10%	12%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	59%	44%	10%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>CEDAR PINES(2.4KV) - Customers: 293</b>	<b>908.1</b>	<b>6.9</b>	<b>10.4</b>	<b>356.6</b>	<b>1.0</b>	<b>2.0</b>	<b>808.0</b>	<b>2.9</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>180.5</b>	<b>2.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>98.5</b>	<b>2.0</b>	<b>1.0</b>	<b>279.0</b>	<b>4.0</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	72%	43%	68%	0%	0%	0%	5%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	22%	12%	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%	19%	0%	0%	100%	95%	67%	100%	0%	0%	100%	7%	50%	100%	0%	0%	0%	0%	0%	100%	5%	25%	80%
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	6%	44%	13%	100%	100%	0%	0%	0%	0%	0%	0%	0%	93%	50%	0%	0%	0%	0%	100%	100%	0%	95%	75%	0%
<b>CHILLON(2.4KV) - Customers: 563</b>	<b>229.6</b>	<b>3.5</b>	<b>3.0</b>	<b>109.7</b>	<b>1.1</b>	<b>2.0</b>	<b>1509.2</b>	<b>5.2</b>	<b>6.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.0</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>1.0</b>	<b>6.0</b>	<b>1.0</b>	<b>4.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	25%
Equipment Failure	54%	57%	0%	42%	51%	0%	49%	30%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	2%	2%	0%	7%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	37%	28%	100%	0%	0%	100%	35%	38%	75%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	100%	100%	100%	75%
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	9%	14%	0%	55%	47%	0%	9%	10%	17%	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>CLUB OAKS(33KV) - Customers: 2</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>863.0</b>	<b>1.0</b>	<b>6.0</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>22.0</b>	<b>1.0</b>	<b>0.0</b>	<b>22.0</b>	<b>1.0</b>	<b>2.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	0%	0%	0%	100%	100%	33%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	50%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	17%	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 San Bernardino District 2

	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>COTTAGE GROVE(2.4KV) - Customers: 42</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>385.7</b>	<b>3.0</b>	<b>3.0</b>	<b>40.0</b>	<b>1.2</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>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>40.0</b>	<b>1.2</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	17%
Equipment Failure	0%	0%	0%	0%	0%	0%	3%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	100%	22%	83%	0%	0%	0%	100%	0%	0%	50%	0%	0%	100%	22%	83%	83%
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%	96%	66%	0%	78%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	78%	17%	0%
<b>COULTER(2.4KV) - Customers: 2</b>	<b>78.0</b>	<b>1.0</b>	<b>4.0</b>	<b>233.0</b>	<b>5.0</b>	<b>6.0</b>	<b>273.0</b>	<b>6.0</b>	<b>6.0</b>	<b>1496.0</b>	<b>5.0</b>	<b>0.0</b>	<b>56.0</b>	<b>1.0</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>2.0</b>	<b>1552.0</b>	<b>6.0</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	6%	17%	0%	0%	0%	0%	100%	100%	33%	0%	0%	100%	0%	0%	0%	4%	17%	33%
Equipment Failure	0%	0%	0%	40%	60%	50%	49%	50%	17%	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%	5%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	33%	0%
Other	0%	0%	100%	0%	0%	50%	45%	33%	83%	0%	0%	0%	0%	0%	67%	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%	60%	40%	0%	0%	0%	0%	95%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	92%	50%	17%
<b>CRAM(12KV) - Customers: 1,306</b>	<b>15.1</b>	<b>0.1</b>	<b>0.0</b>	<b>38.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>136.7</b>	<b>1.1</b>	<b>0.0</b>	<b>299.8</b>	<b>2.5</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>1.0</b>	<b>437.4</b>	<b>3.6</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	100%	100%	0%	100%	100%	0%	100%	100%	100%	0%	0%	0%	100%	100%	0%	78%	73%	0%	0%	0%	0%	85%	81%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	27%	0%	0%	0%	0%	15%	19%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	100%
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%
<b>CRESTLINE(2.4KV) - Customers: 771</b>	<b>425.1</b>	<b>2.1</b>	<b>5.2</b>	<b>1149.0</b>	<b>2.7</b>	<b>3.6</b>	<b>91.7</b>	<b>2.6</b>	<b>3.7</b>	<b>580.2</b>	<b>0.8</b>	<b>0.1</b>	<b>6.6</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>6.0</b>	<b>0.0</b>	<b>1.0</b>	<b>592.8</b>	<b>0.8</b>	<b>5.1</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	19%
Equipment Failure	4%	0%	0%	2%	1%	0%	9%	28%	0%	2%	2%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%
Operation	0%	0%	0%	0%	1%	0%	31%	32%	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%	0%
Other	50%	48%	90%	77%	77%	85%	33%	39%	73%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	79%
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	46%	52%	10%	21%	21%	15%	28%	1%	27%	97%	69%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	96%	68%	2%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>DALBA(2.4KV) - Customers: 615</b>	<b>158.4</b>	<b>2.6</b>	<b>5.9</b>	<b>242.1</b>	<b>3.4</b>	<b>10.9</b>	<b>161.4</b>	<b>7.0</b>	<b>11.0</b>	<b>1299.6</b>	<b>4.4</b>	<b>1.0</b>	<b>209.1</b>	<b>2.0</b>	<b>2.0</b>	<b>76.9</b>	<b>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>1585.6</b>	<b>6.5</b>	<b>6.0</b>
3rd Party	38%	38%	0%	21%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	17%
Equipment Failure	62%	62%	0%	12%	30%	0%	25%	43%	18%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	13%	31%	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%	67%	0%	0%	27%	75%	57%	82%	13%	8%	100%	0%	0%	100%	0%	0%	0%	0%	0%	50%	11%	5%	67%
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%	33%	67%	60%	73%	0%	0%	0%	87%	92%	0%	0%	0%	0%	100%	100%	0%	0%	0%	50%	76%	64%	17%
<b>DANGERFIELD(12KV) - Customers: 1,466</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11.2</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>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.8</b>	<b>0.2</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.8</b>	<b>0.2</b>	<b>0.6</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%	18%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	100%
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%	82%	98%	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>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>FANO(12KV) - Customers: 1,308</b>	<b>93.2</b>	<b>0.2</b>	<b>2.0</b>	<b>465.9</b>	<b>3.7</b>	<b>3.3</b>	<b>527.4</b>	<b>1.4</b>	<b>0.8</b>	<b>90.7</b>	<b>1.0</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>17.5</b>	<b>0.1</b>	<b>0.0</b>	<b>10.2</b>	<b>0.0</b>	<b>1.0</b>	<b>118.7</b>	<b>1.2</b>	<b>1.0</b>
3rd Party	0%	0%	0%	17%	17%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	18%	17%	50%	5%	1%	0%	0%	0%	0%	3%	3%	0%	100%	100%	0%	0%	0%	0%	41%	16%	0%	6%	3%	0%
Operation	77%	67%	0%	7%	27%	17%	80%	60%	0%	97%	97%	0%	0%	0%	0%	0%	0%	0%	1%	16%	0%	74%	87%	0%
Other	0%	0%	0%	13%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	57%	68%	100%	20%	9%	100%
Vegetation/Animal	5%	16%	50%	1%	1%	0%	8%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	57%	27%	53%	12%	32%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>FERRARA(12KV) - Customers: 1,787</b>	<b>133.9</b>	<b>0.2</b>	<b>1.0</b>	<b>319.5</b>	<b>2.7</b>	<b>1.9</b>	<b>120.7</b>	<b>0.3</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>0.3</b>	<b>0.0</b>	<b>0.1</b>	<b>104.9</b>	<b>0.1</b>	<b>2.0</b>	<b>105.3</b>	<b>0.1</b>	<b>2.2</b>
3rd Party	0%	0%	0%	23%	4%	53%	64%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	42%	54%	0%	35%	42%	0%	32%	30%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	13%	16%	37%	4%	26%	0%	0%	0%	0%	0%	0%	100%	100%	0%	62%	76%	0%	62%	76%	0%	0%
Other	0%	0%	11%	0%	0%	10%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	53%	0%	0%	56%
Vegetation/Animal	58%	46%	89%	29%	38%	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%	38%	24%	47%	38%	24%	44%
<b>FIELDS(12KV) - Customers: 573</b>	<b>109.4</b>	<b>3.0</b>	<b>2.3</b>	<b>30.8</b>	<b>0.2</b>	<b>0.0</b>	<b>3.8</b>	<b>0.2</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	17%	33%	44%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	83%	67%	12%	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%	44%	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>GREEN BEAR(2.4KV) - Customers: 683</b>	<b>77.9</b>	<b>1.0</b>	<b>5.0</b>	<b>233.2</b>	<b>5.0</b>	<b>8.0</b>	<b>320.7</b>	<b>5.0</b>	<b>5.0</b>	<b>1248.0</b>	<b>4.1</b>	<b>0.0</b>	<b>56.1</b>	<b>1.0</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>2.0</b>	<b>1304.1</b>	<b>5.1</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	5%	20%	0%	0%	0%	0%	100%	100%	34%	0%	0%	100%	0%	0%	0%	4%	20%	34%
Equipment Failure	0%	0%	0%	40%	60%	38%	50%	40%	0%	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%	6%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	39%	0%
Other	0%	0%	80%	0%	0%	62%	45%	40%	100%	23%	4%	0%	0%	0%	66%	0%	0%	0%	0%	0%	50%	22%	4%	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%	20%	60%	40%	0%	0%	0%	0%	71%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	68%	38%	17%
<b>GRILLEY(12KV) - Customers: 1,313</b>	<b>214.3</b>	<b>1.0</b>	<b>0.0</b>	<b>274.1</b>	<b>1.0</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>145.7</b>	<b>1.0</b>	<b>0.0</b>	<b>11.0</b>	<b>1.0</b>	<b>0.0</b>	<b>156.7</b>	<b>2.0</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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	93%	50%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	7%	50%	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 San Bernardino District 2

	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>HEAPS PEAK(33KV) - Customers: 6</b>	<b>1298.0</b>	<b>1.0</b>	<b>5.3</b>	<b>107.3</b>	<b>2.7</b>	<b>10.3</b>	<b>397.7</b>	<b>4.3</b>	<b>6.7</b>	<b>4506.0</b>	<b>4.3</b>	<b>6.0</b>	<b>0.0</b>	<b>0.0</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>2.0</b>	<b>4506.0</b>	<b>4.3</b>	<b>11.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	9%
Equipment Failure	100%	100%	56%	0%	0%	0%	5%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	63%	15%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	44%	100%	100%	100%	32%	62%	95%	100%	100%	100%	0%	0%	100%	0%	0%	0%	0%	0%	100%	100%	100%	91%
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>HIGH SCHOOL(2.4KV) - Customers: 314</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>54.2</b>	<b>2.0</b>	<b>6.0</b>	<b>449.8</b>	<b>1.8</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>194.4</b>	<b>2.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>644.2</b>	<b>3.8</b>	<b>8.1</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	12%
Equipment Failure	0%	0%	0%	0%	0%	0%	20%	50%	0%	79%	53%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	55%	25%	1%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	20%	0%
Other	0%	0%	100%	0%	0%	100%	53%	50%	100%	0%	0%	94%	0%	0%	67%	100%	100%	67%	0%	0%	100%	30%	52%	75%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	12%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	26%	0%	0%	17%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	3%	0%
<b>HOOK CREEK(2.4KV) - Customers: 305</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>284.4</b>	<b>3.0</b>	<b>2.0</b>	<b>1045.3</b>	<b>4.0</b>	<b>5.0</b>	<b>38.9</b>	<b>0.9</b>	<b>1.0</b>	<b>139.0</b>	<b>1.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>1720.8</b>	<b>2.1</b>	<b>1.7</b>	<b>1898.7</b>	<b>4.0</b>	<b>5.6</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	18%
Equipment Failure	0%	0%	0%	77%	33%	0%	77%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	2%	0%	9%	26%	0%
Operation	0%	0%	0%	0%	0%	0%	20%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	49%	0%	3%	25%	0%
Other	0%	0%	100%	0%	0%	100%	3%	25%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	40%	0%	0%	64%
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%	23%	67%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	95%	49%	60%	89%	49%	18%
<b>HOPE(12KV) - Customers: 964</b>	<b>144.2</b>	<b>0.5</b>	<b>0.0</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>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	5%	15%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	95%	85%	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 San Bernardino District 2

	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>ICE HOUSE(2.4KV) - Customers: 12</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>966.0</b>	<b>4.0</b>	<b>3.0</b>	<b>7193.2</b>	<b>4.0</b>	<b>3.5</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>0.9</b>	<b>586.4</b>	<b>0.9</b>	<b>0.9</b>	<b>586.4</b>	<b>0.9</b>	<b>1.9</b>
3rd Party	0%	0%	0%	66%	25%	33%	9%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	91%	76%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	24%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	50%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	50%	10%	25%	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>JEEP(12KV) - Customers: 2,047</b>	<b>1.5</b>	<b>0.0</b>	<b>3.0</b>	<b>1.0</b>	<b>0.0</b>	<b>2.5</b>	<b>113.8</b>	<b>2.9</b>	<b>7.0</b>	<b>174.4</b>	<b>1.6</b>	<b>0.5</b>	<b>439.1</b>	<b>1.9</b>	<b>3.0</b>	<b>0.6</b>	<b>0.0</b>	<b>1.9</b>	<b>249.1</b>	<b>2.0</b>	<b>2.1</b>	<b>863.2</b>	<b>5.4</b>	<b>7.5</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	13%
Equipment Failure	0%	0%	0%	75%	45%	0%	74%	65%	15%	0%	0%	0%	100%	99%	32%	100%	100%	0%	53%	51%	0%	66%	53%	13%
Operation	100%	100%	0%	25%	55%	0%	0%	0%	0%	5%	68%	0%	0%	1%	0%	0%	0%	0%	1%	0%	0%	1%	20%	0%
Other	0%	0%	100%	0%	0%	100%	26%	35%	85%	0%	0%	100%	0%	0%	68%	0%	0%	0%	46%	49%	100%	13%	18%	62%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	13%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	9%	0%
<b>JOB(2.4KV) - Customers: 409</b>	<b>2097.8</b>	<b>4.7</b>	<b>26.6</b>	<b>180.0</b>	<b>1.0</b>	<b>3.0</b>	<b>310.2</b>	<b>4.2</b>	<b>3.0</b>	<b>2.6</b>	<b>0.0</b>	<b>1.0</b>	<b>12.9</b>	<b>1.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>589.5</b>	<b>3.1</b>	<b>2.0</b>	<b>605.0</b>	<b>4.1</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	17%
Equipment Failure	75%	48%	31%	3%	1%	0%	16%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	0%	1%	3%	2%	0%	7%	27%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	95%	66%	49%	93%	50%	16%
Other	0%	0%	12%	0%	0%	100%	29%	24%	100%	0%	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	51%	2%	24%	67%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%	2%	1%	0%
Weather/Fire/Earthquake	24%	52%	57%	94%	97%	0%	47%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	33%	0%	2%	24%	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%



# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>KIMBERLY(2.4KV) - Customers: 50</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>221.4</b>	<b>1.0</b>	<b>0.0</b>	<b>907.9</b>	<b>1.1</b>	<b>6.1</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>401.4</b>	<b>2.0</b>	<b>0.0</b>	<b>401.4</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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	100%	100%	0%	100%	100%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	50%	0%	27%	50%	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%	50%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	17%	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%	73%	50%	0%	73%	50%	0%
<b>KUFFEL(2.4KV) - Customers: 574</b>	<b>3.3</b>	<b>0.0</b>	<b>3.0</b>	<b>41.4</b>	<b>0.1</b>	<b>3.0</b>	<b>418.0</b>	<b>4.8</b>	<b>3.0</b>	<b>25.0</b>	<b>2.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>1715.5</b>	<b>3.8</b>	<b>1.0</b>	<b>1740.5</b>	<b>5.8</b>	<b>7.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	14%
Equipment Failure	100%	100%	0%	0%	0%	0%	42%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	58%	50%	0%	57%	33%	0%
Operation	0%	0%	0%	100%	100%	0%	36%	21%	0%	64%	50%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	1%	19%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	100%	36%	50%	50%	0%	0%	100%	0%	0%	50%	0%	0%	100%	1%	17%	71%
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%	22%	21%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	42%	47%	0%	41%	31%	14%
<b>LA GRANDE(12KV) - Customers: 1,628</b>	<b>106.3</b>	<b>0.7</b>	<b>1.0</b>	<b>93.1</b>	<b>0.5</b>	<b>1.5</b>	<b>169.0</b>	<b>2.1</b>	<b>0.1</b>	<b>6.8</b>	<b>0.0</b>	<b>0.0</b>	<b>26.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>12.6</b>	<b>0.0</b>	<b>0.0</b>	<b>45.4</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	68%	77%	100%	98%	99%	32%	67%	49%	100%	88%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	5%	0%
Operation	26%	19%	0%	0%	0%	0%	31%	51%	0%	12%	58%	0%	92%	95%	0%	0%	0%	0%	100%	100%	0%	82%	91%	0%
Other	2%	1%	0%	0%	0%	68%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	4%	3%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	8%	5%	0%	0%	0%	0%	0%	0%	0%	5%	4%	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>LURING(2.4KV) - Customers: 366</b>	<b>31.0</b>	<b>1.0</b>	<b>6.0</b>	<b>52.4</b>	<b>2.0</b>	<b>10.1</b>	<b>146.8</b>	<b>7.0</b>	<b>11.1</b>	<b>882.6</b>	<b>1.9</b>	<b>0.0</b>	<b>205.3</b>	<b>2.0</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>2.0</b>	<b>1087.9</b>	<b>3.9</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	100%	100%	0%	56%	49%	0%	26%	43%	19%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	19%	50%	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%	67%	0%	0%	30%	74%	57%	81%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	59%
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%	33%	44%	51%	70%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	81%	50%	20%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>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>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>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>MONTREAL(12KV) - Customers: 1,065</b>	<b>26.4</b>	<b>0.0</b>	<b>6.2</b>	<b>241.6</b>	<b>2.8</b>	<b>2.0</b>	<b>194.6</b>	<b>4.0</b>	<b>4.0</b>	<b>35.9</b>	<b>0.9</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>1.1</b>	<b>0.8</b>	<b>0.0</b>	<b>3.4</b>	<b>36.7</b>	<b>0.9</b>	<b>7.7</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	14%
Equipment Failure	100%	100%	0%	48%	35%	0%	85%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	2%	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%	100%	36%	28%	100%	15%	25%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	69%	0%	0%	72%
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%	15%	37%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	31%	98%	100%	14%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>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%
<b>MORITZ(12KV) - Customers: 2,105</b>	<b>267.4</b>	<b>6.1</b>	<b>3.8</b>	<b>381.4</b>	<b>2.1</b>	<b>4.1</b>	<b>895.7</b>	<b>6.3</b>	<b>4.7</b>	<b>5.9</b>	<b>0.0</b>	<b>1.4</b>	<b>9.2</b>	<b>0.8</b>	<b>2.2</b>	<b>24.2</b>	<b>0.3</b>	<b>1.0</b>	<b>12.9</b>	<b>0.1</b>	<b>1.0</b>	<b>52.2</b>	<b>1.3</b>	<b>5.6</b>
3rd Party	4%	23%	18%	37%	33%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	53%	78%	100%	2%	6%	0%	25%	18%	18%
Equipment Failure	67%	50%	0%	0%	0%	0%	4%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	48%	0%	14%	4%	0%
Operation	0%	0%	0%	0%	1%	0%	7%	27%	0%	0%	0%	0%	8%	1%	0%	5%	6%	0%	7%	2%	0%	6%	2%	0%
Other	16%	15%	80%	14%	33%	83%	46%	32%	76%	0%	0%	3%	92%	99%	100%	42%	16%	0%	0%	0%	96%	36%	69%	57%
Vegetation/Animal	0%	0%	1%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	13%	12%	0%	48%	33%	0%	43%	24%	19%	100%	100%	97%	0%	0%	0%	0%	0%	0%	36%	43%	4%	20%	7%	25%
<b>NORTH BAY(2.4KV) - Customers: 194</b>	<b>0.0</b>	<b>0.0</b>	<b>5.0</b>	<b>147.5</b>	<b>1.8</b>	<b>2.0</b>	<b>56.1</b>	<b>3.0</b>	<b>4.0</b>	<b>41.8</b>	<b>1.0</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>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>	<b>41.8</b>	<b>1.0</b>	<b>4.9</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	0%	0%	0%	81%	56%	0%	50%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	80%	0%	0%	100%	50%	33%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	61%
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%	20%	19%	44%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	100%	100%	20%
<b>NORTH SHORE(12KV) - Customers: 1,131</b>	<b>3.0</b>	<b>0.0</b>	<b>3.0</b>	<b>13.6</b>	<b>0.9</b>	<b>2.1</b>	<b>281.1</b>	<b>1.4</b>	<b>3.3</b>	<b>62.6</b>	<b>1.6</b>	<b>1.0</b>	<b>1.4</b>	<b>0.0</b>	<b>3.0</b>	<b>307.8</b>	<b>2.7</b>	<b>3.2</b>	<b>0.0</b>	<b>0.0</b>	<b>1.1</b>	<b>371.9</b>	<b>4.3</b>	<b>8.3</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	13%
Equipment Failure	100%	100%	0%	0%	0%	0%	7%	28%	0%	45%	47%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	17%	2%
Operation	0%	0%	0%	0%	0%	0%	1%	1%	0%	55%	53%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	10%	20%	0%
Other	0%	0%	100%	100%	100%	100%	92%	71%	100%	0%	0%	87%	0%	0%	64%	100%	100%	67%	0%	0%	100%	83%	63%	72%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	0%	0%	0%	0%	0%	0%	0%	0%	13%
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 San Bernardino District 2

	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>NORTHPARK(12KV) - Customers: 2,240</b>	<b>22.0</b>	<b>1.3</b>	<b>0.3</b>	<b>24.9</b>	<b>0.3</b>	<b>0.6</b>	<b>151.1</b>	<b>1.8</b>	<b>2.9</b>	<b>3.4</b>	<b>0.0</b>	<b>0.0</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>56.4</b>	<b>1.2</b>	<b>0.7</b>	<b>55.4</b>	<b>0.5</b>	<b>1.0</b>	<b>116.4</b>	<b>1.7</b>	<b>1.7</b>
3rd Party	51%	79%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	56%	84%	100%	0%	0%	0%	27%	59%	42%
Equipment Failure	9%	0%	0%	2%	1%	0%	10%	55%	0%	54%	40%	0%	100%	100%	0%	31%	3%	0%	3%	0%	0%	19%	2%	0%
Operation	3%	0%	0%	11%	14%	0%	0%	0%	0%	46%	60%	0%	0%	0%	0%	4%	3%	0%	45%	51%	0%	25%	17%	0%
Other	0%	0%	100%	87%	85%	100%	23%	14%	13%	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	38%	20%	0%	0%	0%	0%	66%	31%	78%	0%	0%	0%	0%	0%	0%	8%	10%	0%	52%	49%	100%	29%	22%	58%
<b>OAK KNOLL(2.4KV) - Customers: 508</b>	<b>964.8</b>	<b>2.0</b>	<b>12.0</b>	<b>103.0</b>	<b>4.0</b>	<b>5.0</b>	<b>48.1</b>	<b>2.0</b>	<b>4.9</b>	<b>910.1</b>	<b>2.0</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>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>910.1</b>	<b>2.0</b>	<b>6.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	17%
Equipment Failure	0%	0%	25%	28%	24%	0%	39%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	49%	50%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	75%	0%	0%	60%	61%	50%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	67%
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%	22%	25%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	100%	100%	16%
<b>PENSTOCK(12KV) - Customers: 1,888</b>	<b>2.6</b>	<b>0.0</b>	<b>0.3</b>	<b>40.3</b>	<b>0.2</b>	<b>0.1</b>	<b>133.6</b>	<b>2.0</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>1.0</b>	<b>179.3</b>	<b>0.2</b>	<b>0.1</b>	<b>107.9</b>	<b>1.0</b>	<b>1.1</b>	<b>287.2</b>	<b>1.3</b>	<b>2.2</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	7%	2%	0%	99%	99%	100%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	88%	38%	80%	46%
Operation	59%	5%	0%	1%	1%	0%	10%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	62%	20%	2%
Other	0%	0%	100%	0%	0%	0%	89%	49%	21%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	12%	0%	0%	52%
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	34%	93%	0%	0%	0%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>PRYOR(12KV) - Customers: 2,710</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>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%	100%	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 San Bernardino District 2

	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>RANGER(2.4KV) - Customers: 715</b>	<b>79.1</b>	<b>1.0</b>	<b>3.0</b>	<b>172.8</b>	<b>0.5</b>	<b>3.0</b>	<b>404.6</b>	<b>3.1</b>	<b>5.0</b>	<b>1081.4</b>	<b>3.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>37.2</b>	<b>1.0</b>	<b>2.5</b>	<b>76.4</b>	<b>1.0</b>	<b>1.0</b>	<b>1195.0</b>	<b>5.9</b>	<b>5.5</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	41%	0%	0%	0%	0%	0%	18%
Equipment Failure	17%	4%	0%	0%	0%	0%	5%	33%	0%	74%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	17%	0%
Operation	0%	0%	0%	1%	2%	0%	40%	33%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	17%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	60%	9%	51%	0%	0%	0%	100%	0%	0%	59%	0%	0%	100%	8%	33%	82%
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	83%	96%	0%	99%	98%	0%	55%	34%	40%	17%	24%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	22%	33%	0%
<b>REDWOOD(12KV) - Customers: 1,371</b>	<b>0.5</b>	<b>0.0</b>	<b>1.0</b>	<b>120.8</b>	<b>2.0</b>	<b>3.1</b>	<b>30.6</b>	<b>0.1</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</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>0.7</b>
3rd Party	0%	0%	100%	33%	44%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	67%	56%	2%	0%	0%	50%	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%	98%	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>RIM(12KV) - Customers: 1,910</b>	<b>65.6</b>	<b>0.4</b>	<b>3.0</b>	<b>411.4</b>	<b>2.0</b>	<b>3.9</b>	<b>506.2</b>	<b>3.9</b>	<b>5.5</b>	<b>13.6</b>	<b>0.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>148.4</b>	<b>0.9</b>	<b>1.9</b>	<b>48.4</b>	<b>0.2</b>	<b>2.1</b>	<b>210.5</b>	<b>1.4</b>	<b>6.4</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	36%	52%	0%	0%	0%	21%	22%	16%
Equipment Failure	0%	0%	0%	25%	38%	0%	79%	91%	7%	50%	1%	100%	0%	0%	0%	70%	63%	26%	6%	9%	0%	54%	41%	14%
Operation	0%	0%	0%	1%	14%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	74%	48%	90%	0%	0%	65%	50%	99%	0%	0%	0%	100%	0%	0%	23%	91%	90%	85%	24%	36%	66%
Vegetation/Animal	0%	0%	0%	0%	0%	10%	0%	0%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	100%	100%	0%	0%	0%	0%	18%	8%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	15%	1%	0%	5%
<b>ROWCO(12KV) - Customers: 1,231</b>	<b>83.1</b>	<b>1.1</b>	<b>8.2</b>	<b>106.4</b>	<b>2.0</b>	<b>10.7</b>	<b>520.8</b>	<b>8.9</b>	<b>15.5</b>	<b>909.4</b>	<b>2.0</b>	<b>0.0</b>	<b>219.1</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>	<b>0.1</b>	<b>1.0</b>	<b>1.8</b>	<b>0.0</b>	<b>3.7</b>	<b>1132.3</b>	<b>4.1</b>	<b>6.7</b>
3rd Party	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	15%
Equipment Failure	77%	99%	18%	28%	49%	0%	32%	43%	27%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	20%	20%	50%	11%
Operation	0%	0%	0%	1%	0%	0%	0%	0%	14%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	1%	0%
Other	0%	0%	58%	0%	0%	28%	22%	45%	58%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	54%	0%	0%	59%
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	23%	1%	24%	71%	51%	65%	46%	12%	2%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	80%	49%	15%

## Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>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%
<b>SEELEY(2.4KV) - Customers: 758</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>41.3</b>	<b>2.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>1.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>1.5</b>	<b>0.0</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	0%	0%	0%	0%	0%	0%	27%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	100%	0%	0%	100%	70%	50%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	80%
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>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%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>SEYMOUR(33KV) - Customers: 4</b>	<b>485.0</b>	<b>2.0</b>	<b>3.0</b>	<b>741.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1821.0</b>	<b>1.0</b>	<b>0.0</b>	<b>608.0</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>2429.0</b>	<b>2.0</b>	<b>1.0</b>
3rd Party	82%	50%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	25%	50%	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	18%	50%	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%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	50%	0%
<b>SKYLAND(2.4KV) - Customers: 852</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>7.2</b>	<b>0.0</b>	<b>2.0</b>	<b>645.5</b>	<b>3.3</b>	<b>5.0</b>	<b>167.6</b>	<b>0.2</b>	<b>0.0</b>	<b>3.0</b>	<b>0.5</b>	<b>2.5</b>	<b>24.5</b>	<b>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>195.2</b>	<b>0.8</b>	<b>4.5</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	22%
Equipment Failure	0%	0%	0%	0%	0%	0%	2%	30%	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%	100%	0%	0%	100%	31%	40%	60%	90%	93%	0%	100%	100%	100%	100%	100%	0%	0%	0%	100%	91%	98%	78%
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%	67%	30%	20%	10%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	2%	0%
<b>SNOW VALLEY(12KV) - Customers: 1,001</b>	<b>30.7</b>	<b>0.5</b>	<b>4.0</b>	<b>299.4</b>	<b>4.8</b>	<b>5.0</b>	<b>241.4</b>	<b>4.0</b>	<b>5.0</b>	<b>949.2</b>	<b>2.6</b>	<b>0.0</b>	<b>21.4</b>	<b>0.5</b>	<b>2.5</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>970.7</b>	<b>3.1</b>	<b>6.5</b>
3rd Party	0%	0%	0%	0%	0%	0%	26%	25%	0%	0%	0%	0%	98%	100%	19%	0%	0%	100%	0%	0%	0%	2%	15%	23%
Equipment Failure	14%	3%	0%	49%	59%	38%	47%	38%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	86%	97%	0%	0%	0%	0%	1%	0%	0%	2%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	20%	0%
Other	0%	0%	100%	0%	0%	62%	27%	37%	100%	0%	0%	100%	0%	0%	81%	0%	0%	0%	0%	0%	67%	0%	0%	62%
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%	51%	41%	0%	0%	0%	0%	98%	77%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	96%	65%	15%
<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%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>SQUINT(12KV) - Customers: 1,211</b>	<b>5.7</b>	<b>0.0</b>	<b>8.0</b>	<b>197.0</b>	<b>1.0</b>	<b>2.0</b>	<b>40.3</b>	<b>2.0</b>	<b>6.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>182.9</b>	<b>1.1</b>	<b>2.0</b>	<b>102.7</b>	<b>1.0</b>	<b>1.0</b>	<b>801.9</b>	<b>1.0</b>	<b>0.5</b>	<b>1087.5</b>	<b>3.0</b>	<b>3.5</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	17%	36%	27%
Equipment Failure	100%	100%	0%	0%	0%	0%	28%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	6%	85%	9%	2%	13%
Other	0%	0%	100%	0%	0%	100%	72%	50%	100%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	15%	9%	32%	60%
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%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	87%	94%	0%	64%	30%	0%
<b>TAGGERT(12KV) - Customers: 611</b>	<b>911.1</b>	<b>1.9</b>	<b>11.5</b>	<b>99.5</b>	<b>3.8</b>	<b>4.8</b>	<b>54.4</b>	<b>2.6</b>	<b>5.9</b>	<b>911.0</b>	<b>2.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</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>3.0</b>	<b>911.0</b>	<b>2.0</b>	<b>6.9</b>
3rd Party	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	14%
Equipment Failure	0%	0%	24%	30%	26%	0%	38%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	47%	48%	38%	9%	24%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
Other	100%	99%	76%	0%	0%	62%	53%	38%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	67%	0%	0%	71%
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%	23%	26%	0%	0%	0%	0%	100%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	100%	98%	14%
<b>TETLEY(12KV) - Customers: 745</b>	<b>966.0</b>	<b>5.7</b>	<b>9.0</b>	<b>102.6</b>	<b>1.0</b>	<b>3.6</b>	<b>120.9</b>	<b>2.4</b>	<b>2.7</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>4.7</b>	<b>0.4</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>193.9</b>	<b>1.4</b>	<b>1.0</b>	<b>198.7</b>	<b>1.7</b>	<b>5.6</b>
3rd Party	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	18%
Equipment Failure	90%	64%	67%	0%	0%	0%	33%	42%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	1%	0%	0%	0%	0%	3%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	7%	0%
Other	0%	0%	22%	0%	0%	83%	64%	57%	97%	0%	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	100%	2%	21%	82%
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	8%	35%	11%	98%	100%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	91%	0%	97%	72%	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%



# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>TORONTO(12KV) - Customers: 842</b>	<b>47.0</b>	<b>0.1</b>	<b>2.6</b>	<b>335.2</b>	<b>3.0</b>	<b>2.0</b>	<b>79.3</b>	<b>2.2</b>	<b>5.0</b>	<b>82.8</b>	<b>1.0</b>	<b>0.0</b>	<b>42.3</b>	<b>1.1</b>	<b>2.0</b>	<b>17.7</b>	<b>0.0</b>	<b>1.0</b>	<b>135.0</b>	<b>0.1</b>	<b>2.0</b>	<b>277.8</b>	<b>2.2</b>	<b>5.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Equipment Failure	0%	0%	0%	71%	33%	0%	42%	49%	0%	0%	0%	0%	75%	24%	0%	100%	100%	0%	91%	46%	0%	62%	14%	0%
Operation	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	25%	76%	0%	0%	0%	0%	9%	54%	0%	8%	40%	0%
Other	0%	0%	100%	0%	0%	100%	36%	45%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	60%
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%	28%	66%	0%	21%	6%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	30%	46%	20%
<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%
<b>TULLY(12KV) - Customers: 1,057</b>	<b>321.1</b>	<b>0.9</b>	<b>0.3</b>	<b>61.9</b>	<b>1.7</b>	<b>2.3</b>	<b>57.0</b>	<b>0.7</b>	<b>5.3</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>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>
3rd Party	0%	0%	0%	63%	57%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	98%	94%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	5%	0%	33%	41%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	44%	0%	0%	95%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	1%	1%	0%	3%	2%	0%	100%	100%	5%	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>TWIN PEAKS(33KV) - Customers: 2</b>	<b>2091.0</b>	<b>5.4</b>	<b>11.4</b>	<b>653.6</b>	<b>2.7</b>	<b>4.0</b>	<b>2460.8</b>	<b>10.6</b>	<b>7.4</b>	<b>1338.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>320.0</b>	<b>1.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>1658.0</b>	<b>3.0</b>	<b>7.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	14%
Equipment Failure	8%	68%	24%	34%	37%	0%	0%	5%	0%	7%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	33%	0%
Operation	72%	13%	0%	59%	26%	0%	10%	5%	0%	93%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	94%	67%	0%
Other	0%	0%	76%	8%	37%	100%	87%	85%	93%	0%	0%	0%	0%	0%	100%	0%	0%	50%	0%	0%	100%	0%	0%	86%
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	19%	18%	0%	0%	0%	0%	3%	5%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving San Bernardino District 2

	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>VALLEY OF THE MOON(2.4KV) - Customer: 10</b>	<b>195.7</b>	<b>3.0</b>	<b>3.0</b>	<b>247.0</b>	<b>0.8</b>	<b>8.4</b>	<b>669.6</b>	<b>5.3</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.0</b>	<b>1.0</b>	<b>2.0</b>	<b>1.4</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>7.4</b>	<b>1.0</b>	<b>4.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	25%
Equipment Failure	56%	67%	0%	0%	0%	0%	5%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	6%	8%	0%	10%	29%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	18%	1%	0%
Other	44%	33%	100%	91%	89%	92%	79%	38%	100%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	100%	82%	99%	75%
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%	3%	3%	8%	6%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>VERDEMONT(33KV) - Customers: 10</b>	<b>235.1</b>	<b>1.0</b>	<b>3.1</b>	<b>26.6</b>	<b>1.2</b>	<b>0.7</b>	<b>11.8</b>	<b>1.2</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>1.0</b>	<b>5254.6</b>	<b>1.6</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>5254.6</b>	<b>1.6</b>	<b>1.6</b>
3rd Party	44%	33%	64%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	88%	100%	0%	0%	0%	7%	88%	25%
Equipment Failure	56%	67%	36%	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%	100%	100%	100%	24%	17%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	75%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	76%	83%	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%	93%	13%	0%	0%	0%	0%	93%	13%	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>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%