



Circuit Reliability Review

San Bernardino

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 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
SCE SystemWide	108.13		0.89		102.61		0.91		112.00		0.96		114.83		0.92		134.48		1.10	

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.

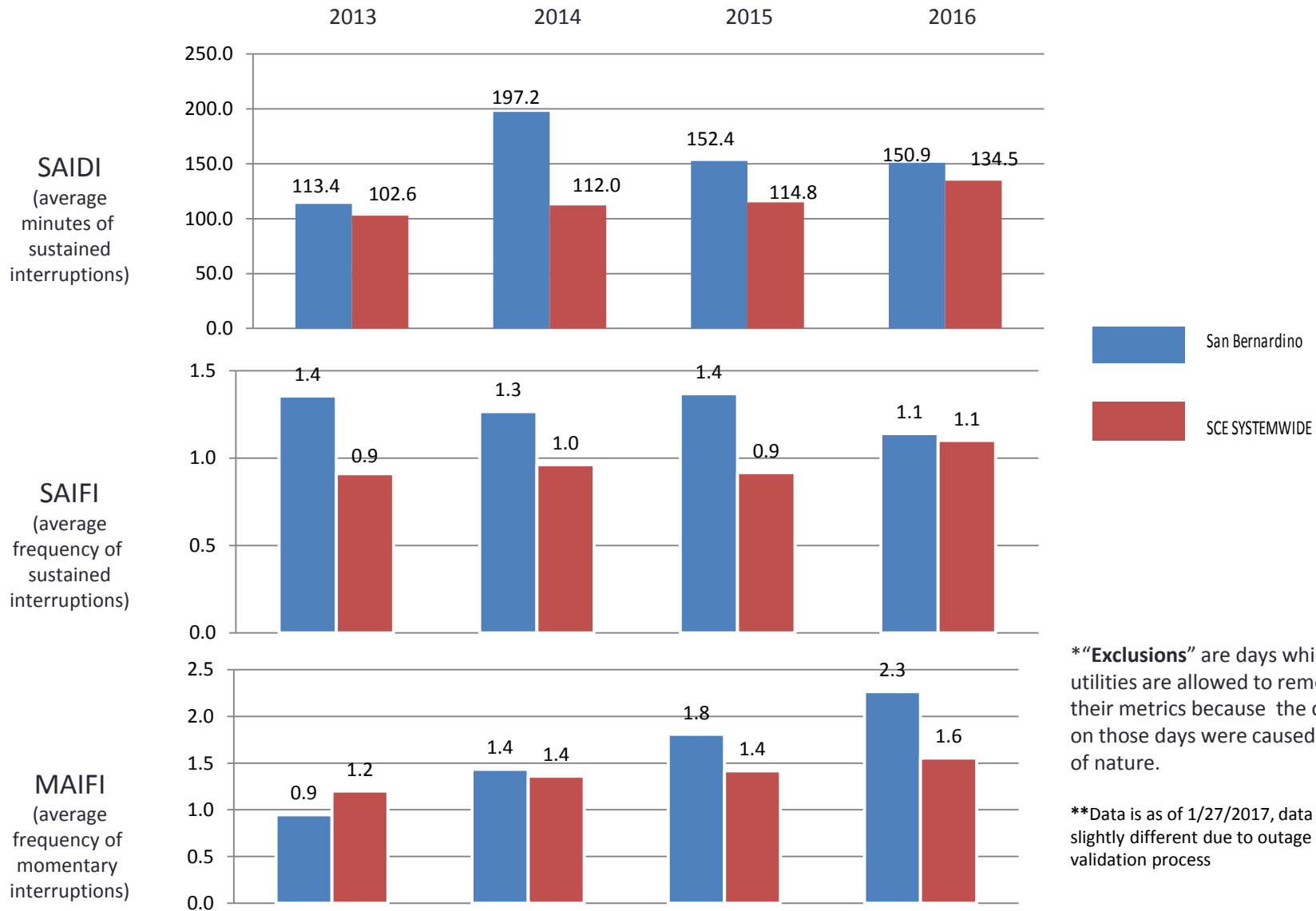
Overview of San Bernardino

There are 106 circuits that serve San Bernardino

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ABACUS(12KV)	2,325	DUROX(12KV)	692	MEREDITH(33KV)	5	STERLING(4.16KV)	539
ALEXANDER(4.16KV)	626	ECHO(12KV)	1,772	MONTY(12KV)	147	SUN(4.16KV)	3
ALLSTATE(12KV)	495	ELLIOT(4.16KV)	575	MOUNTAIN(4.16KV)	377	SUTT(12KV)	1,759
ANTIL(4.16KV)	494	EXPO(4.16KV)	622	MUFFIN(12KV)	1,414	SWEETWATER(12KV)	2,259
AVANTI(12KV)	1,542	GARNER(4.16KV)	930	MULKEY(12KV)	2,139	TAMPICO(12KV)	980
BADGER(12KV)	1,744	GOLDBUCKLE(12KV)	1,922	NIKE(12KV)	226	URBITA(12KV)	1,790
BARTON(4.16KV)	763	GOODNER(4.16KV)	825	NORTH PARK(12KV)	2,240	VARGAS(12KV)	1,615
BERKLEY(4.16KV)	742	GUTHRIE(12KV)	2,676	NORWOOD(12KV)	2,156	VARSITY(12KV)	84
BLUE CUT(12KV)	282	HALLMARK(12KV)	18	PARKDALE(12KV)	1,615	VERDEMONT(33KV)	10
BOULDER(12KV)	1,253	HARLEM SPRINGS(12KV)	2,749	PENCIL(12KV)	2,196	VIADUCT(4.16KV)	522
BOX SPRING(33KV)	2	HARRIS(4.16KV)	1	PERSHING(4.16KV)	655	VITAMIN(12KV)	800
BURGUNDY(12KV)	1,669	HERZ(12KV)	746	PETTIS(12KV)	1,887	WARM CREEK(12KV)	491
BYRON(4.16KV)	15	HOLLY VISTA(12KV)	1,125	PLACID(12KV)	3,202	WATERMAN(12KV)	1,297
CABERNET(12KV)	2,210	HOLSTEIN(4.16KV)	398	POTATO(12KV)	1,597	WHITLOCK(4.16KV)	397
CALSTATE(12KV)	543	HOSPAT(12KV)	622	POWER(4.16KV)	885	ZAPATA(12KV)	1,117
CAREY(4.16KV)	912	HOVATTER(12KV)	1,607	PUMALO(12KV)	1,438	ZINFANDEL(12KV)	1,990
CARMELITA(12KV)	2,292	IRVINGTON(12KV)	605	RAISIN(12KV)	1,566		
CARPENTER(12KV)	1,306	JUSTICE(12KV)	436	REDICK(4.16KV)	95		
CITY CREEK(12KV)	1,621	KENDELL(4.16KV)	487	REISLING(12KV)	1,239		
CLUB OAKS(33KV)	2	LANCERS(12KV)	2,542	RILEY(12KV)	628		
COLA(4.16KV)	735	LARCH(33KV)	3	ROI-TAN(12KV)	2,773		
COWEN(4.16KV)	668	LEBER(4.16KV)	482	RYE(12KV)	1,078		
CRAFTSMAN(12KV)	62	LENA(12KV)	563	SAGE(4.16KV)	406		
CRAM(12KV)	1,306	LEROY(4.16KV)	651	SAUTERNE(12KV)	1,870		
DOCTORS(12KV)	1,024	LIMONITE(33KV)	2	SHERRY(12KV)	1,781		
DOOLEY(12KV)	1,763	LITRA(4.16KV)	470	SHIRAZ(12KV)	2,371		
DRAGON(12KV)	337	MACY(4.16KV)	651	SHOPS(12KV)	1,017		
DRESSEN(12KV)	363	MATEUS(12KV)	1,728	SILVERTONE(12KV)	453		
DUMAS(12KV)	602	MEADOWBROOK(12KV)	2,163	SPARKS(12KV)	976		
DUNLAP(12KV)	755	MEDUSA(12KV)	229	STEGMAN(12KV)	853		

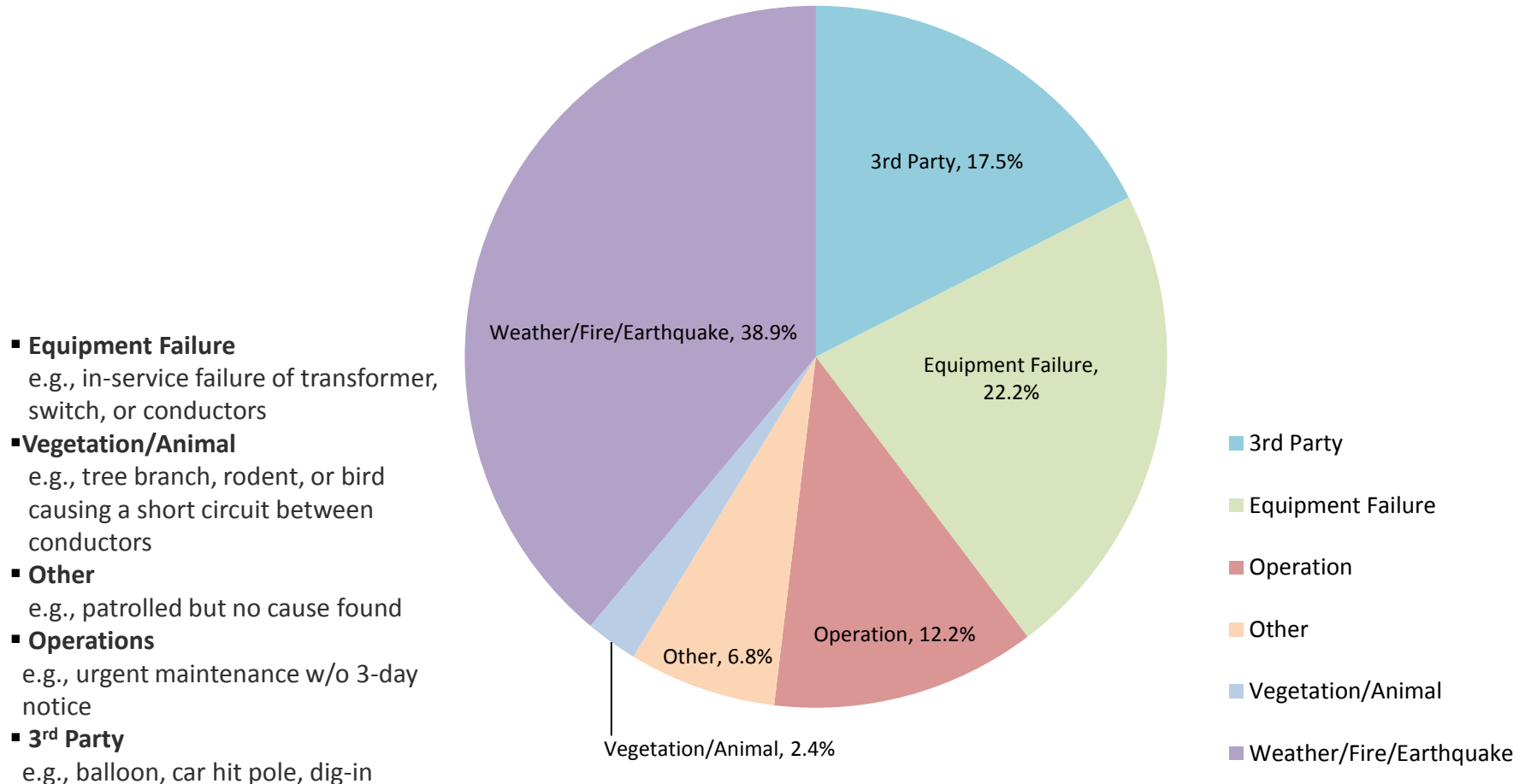
Grand Total 111,683

Reliability History of Circuits Serving San Bernardino (No Exclusions)



Causes of Repair Outages in San Bernardino Circuits 2016 YTD

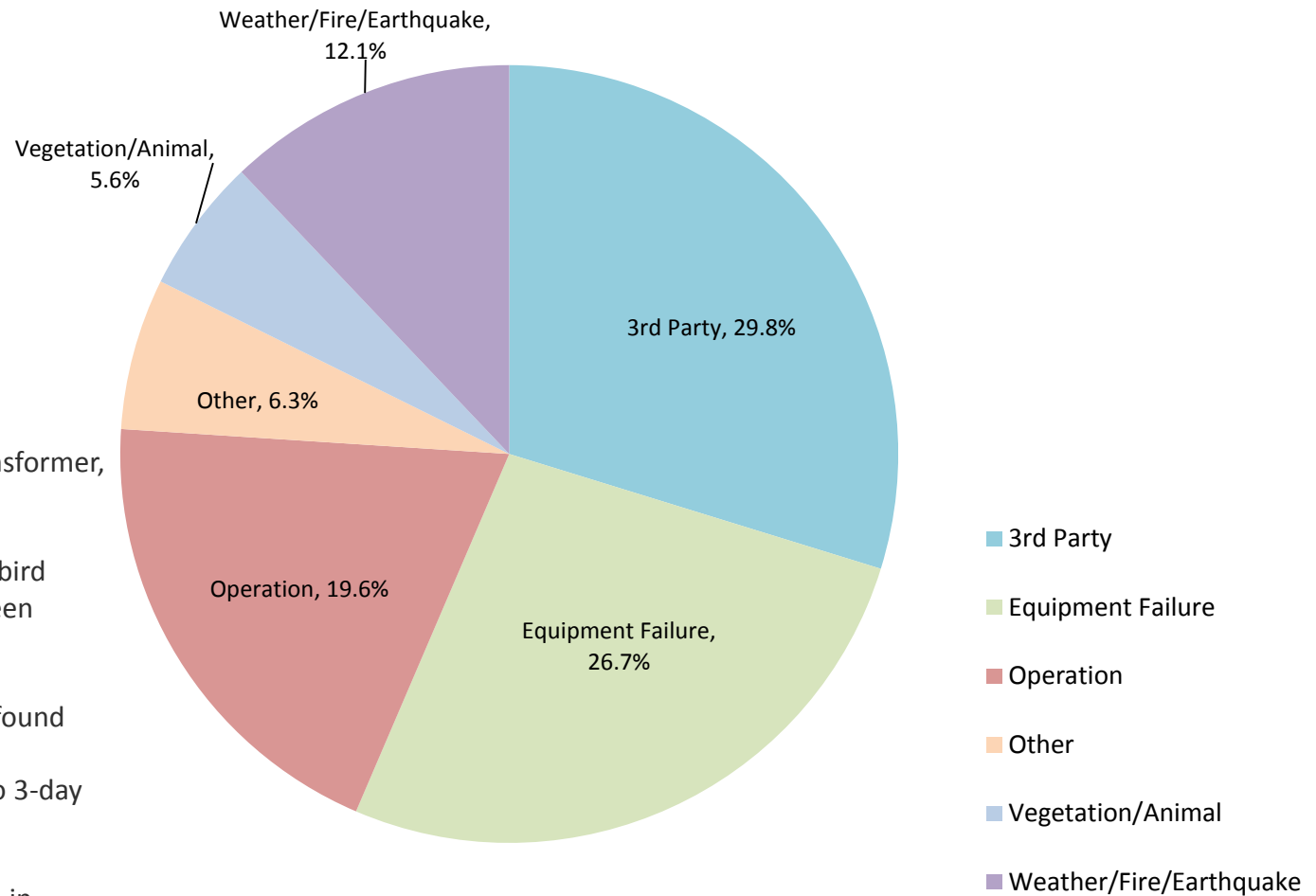
Contributions to SAIDI by Outage Cause



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

Causes of Repair Outages in San Bernardino 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 2017 Capital Improvement Plan

Replacement/Equipment Upgrade

- Electrical Equipment Replacement
- Grid Modernization
- Pole Replacement

Other Work

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

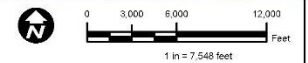
Replacement/Equipment Upgrade (Transmission)

- Pole Replacement

Other Work (Transmission)

- Bulk Power
- 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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AN EDISON INTERNATIONAL COMPANY

Back-up Slides

Reliability Histories of Circuits Serving San Bernardino

Updated through Year-End 2016

Average Reliability of 106 Circuits Serving San Bernardino

	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	113.4	1.4	0.9	197.2	1.3	1.4	152.4	1.4	1.8	28.4	0.4	0.6	29.6	0.3	0.5	53.9	0.2	0.6	39.0	0.2	0.6	150.9	1.1	2.3
3rd Party	19%	33%	19%	8%	11%	16%	18%	15%	15%	18%	17%	20%	45%	47%	37%	10%	33%	10%	7%	23%	10%	17%	30%	18%
Equipment Failure	44%	31%	14%	67%	36%	17%	44%	43%	25%	16%	16%	27%	32%	27%	36%	26%	54%	49%	14%	17%	2%	22%	27%	28%
Operation	6%	6%	4%	5%	13%	1%	5%	6%	2%	35%	41%	0%	8%	11%	1%	4%	8%	13%	10%	10%	4%	12%	20%	5%
Other	7%	13%	35%	6%	11%	26%	12%	21%	34%	3%	2%	13%	10%	11%	23%	1%	2%	8%	15%	10%	46%	7%	6%	23%
Vegetation/Animal	5%	3%	10%	2%	6%	23%	0%	2%	9%	6%	11%	15%	4%	3%	0%	0%	0%	20%	2%	5%	0%	2%	6%	9%
Weather/Fire/Earthquake	18%	13%	17%	13%	23%	16%	22%	12%	15%	22%	13%	25%	1%	0%	3%	59%	2%	0%	53%	35%	38%	39%	12%	17%
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

3rd 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

	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
ABACUS(12KV) - Customers: 2,325	94.5	0.1	0.0	48.2	0.1	2.0	85.8	2.3	2.0	0.0	0.0	0.0	15.6	0.1	0.0	81.3	1.1	0.0	0.0	0.0	0.0	96.9	1.2	0.0
3rd Party	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	99%	86%	0%	20%	13%	0%	14%	3%	0%	0%	0%	0%	73%	29%	0%	100%	100%	0%	0%	0%	0%	96%	95%	0%
Operation	1%	14%	0%	80%	87%	0%	61%	44%	0%	100%	100%	0%	27%	71%	0%	0%	0%	0%	0%	0%	0%	4%	5%	0%
Other	0%	0%	0%	0%	0%	0%	24%	53%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	1%	1%	50%	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%
ALEXANDER(4.16KV) - Customers: 626	13.6	0.1	0.0	979.6	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	32.2	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	32.2	0.0	3.0
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	45%	15%	0%	70%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	55%	85%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	0%	0%	100%	0%	0%	0%	0%	0%	67%
Other	0%	0%	0%	30%	50%	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	33%
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%
ALLSTATE(12KV) - Customers: 495	621.9	4.8	0.4	45.7	1.0	0.1	242.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.2	0.0	2.1	0.2	0.0	3.2
3rd Party	14%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	34%
Equipment Failure	84%	79%	100%	92%	96%	0%	100%	100%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	33%
Operation	2%	0%	0%	8%	4%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%	50%	0%	0%	34%
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%
ANTIL(4.16KV) - Customers: 494	93.5	1.0	0.9	698.9	1.0	2.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	1.0	0.0	0.0	0.0	4.1	0.0	1.0
3rd Party	91%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	9%	2%	100%	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%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
AVANTI(12KV) - Customers: 1,542	146.5	2.1	0.0	27.6	0.5	0.0	69.8	3.0	0.2	3.2	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	9.7	0.0	0.0
3rd Party	6%	48%	0%	0%	0%	0%	29%	1%	60%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	28%	90%	0%
Equipment Failure	73%	27%	0%	1%	0%	0%	45%	66%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	5%	0%
Operation	21%	25%	0%	99%	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%	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%	25%	32%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	39%	5%	0%
BADGER(12KV) - Customers: 1,744	67.2	1.3	0.0	35.2	0.2	0.0	92.4	2.0	2.1	0.0	0.0	0.0	0.7	0.0	1.0	12.0	0.0	0.0	0.4	0.0	0.0	13.1	0.0	1.0
3rd Party	13%	78%	0%	0%	0%	0%	24%	25%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	42%	4%	18%	0%	0%	0%	15%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	16%	15%	28%	33%	66%	0%	2%	1%	0%	0%	0%	0%	60%	91%	0%	97%	89%	0%	0%	0%	0%	92%	76%	0%
Other	12%	1%	27%	53%	31%	100%	58%	25%	53%	0%	0%	100%	0%	0%	100%	3%	11%	100%	100%	100%	100%	5%	22%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	9%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Weather/Fire/Earthquake	16%	2%	27%	13%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BARTON(4.16KV) - Customers: 763	210.3	4.0	1.9	466.1	3.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	22%	50%	0%	14%	26%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	65%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	61%	25%	0%	22%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	17%	25%	100%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	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%
BERKLEY(4.16KV) - Customers: 742	88.8	0.1	1.9	686.8	1.0	1.1	50.0	0.7	3.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	1.0	84.3	0.1	3.9	84.3	0.1	8.0
3rd Party	0%	0%	0%	0%	0%	88%	0%	0%	33%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	13%
Equipment Failure	100%	100%	0%	100%	100%	0%	21%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	21%	0%	11%	21%	0%
Operation	0%	0%	0%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	52%	0%	0%	0%	63%	96%	33%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	87%
Vegetation/Animal	0%	0%	48%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	89%	79%	0%	89%	79%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
BLUE CUT(12KV) - Customers: 282	147.6	1.8	2.0	552.4	3.8	4.5	502.8	7.3	5.5	278.7	2.3	1.1	1.6	0.0	1.0	12058.6	4.6	1.9	333.6	0.8	0.9	12672.5	7.6	5.0
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%
BOULDER(12KV) - Customers: 1,253	84.6	1.1	0.0	131.4	1.0	2.0	28.8	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	40.7	0.1	1.9	50.2	0.1	1.9
3rd Party	61%	92%	0%	2%	2%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	24%	4%	0%	98%	98%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	19%	22%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	50%	49%	18%	39%	49%
Other	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	25%	0%	17%	20%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	51%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	15%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	25%	51%	46%	20%	51%
BOX SPRING(33KV) - Customers: 2	1170.0	1.0	0.0	273.0	2.0	0.0	1340.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	100%	100%	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%	100%	100%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BURGUNDY(12KV) - Customers: 1,669	22.2	0.0	0.9	23.0	1.0	2.0	90.0	1.5	2.1	52.2	1.0	1.3	7.2	0.0	1.0	8.5	0.0	0.0	5.8	0.0	0.0	73.6	1.1	2.3
3rd Party	0%	0%	0%	0%	0%	50%	96%	98%	48%	0%	0%	0%	18%	53%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Equipment Failure	100%	100%	59%	18%	0%	0%	0%	0%	0%	23%	1%	21%	82%	47%	0%	0%	0%	0%	44%	35%	0%	27%	3%	12%
Operation	0%	0%	0%	0%	0%	0%	1%	0%	3%	58%	96%	0%	0%	0%	0%	0%	0%	0%	56%	65%	0%	46%	91%	0%
Other	0%	0%	41%	0%	0%	0%	0%	0%	48%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	44%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	3%	1%	0%	6%	1%	79%	0%	0%	0%	100%	100%	0%	0%	0%	0%	16%	4%	44%
Weather/Fire/Earthquake	0%	0%	0%	82%	100%	0%	0%	0%	0%	13%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	1%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
BYRON(4.16KV) - Customers: 15	52.0	2.0	0.0	695.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	71%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	29%	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%	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%
CABERNET(12KV) - Customers: 2,210	0.0	0.0	0.0	261.7	1.9	0.0	153.0	1.3	0.0	42.2	1.0	1.8	0.3	0.0	0.0	0.0	4.5	0.0	2.2	47.0	1.1	3.9		
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%	50%	100%	100%	0%	0%	0%	0%	0%	0%	1%	0%	23%	
Operation	0%	0%	0%	1%	1%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	53%	71%	0%	95%	99%	0%		
Other	0%	0%	0%	99%	99%	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%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	47%	29%	100%	4%	0%	55%		
CALSTATE(12KV) - Customers: 543	77.8	2.0	0.0	214.9	1.1	0.0	25.5	1.2	0.1	43.8	0.2	0.0	0.0	0.0	0.0	0.8	0.0	0.0	142.1	0.2	0.0	186.7	0.5	0.0
3rd Party	12%	51%	0%	0%	0%	0%	35%	2%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	0%	0%
Equipment Failure	26%	2%	0%	100%	100%	0%	44%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	76%	45%	0%
Operation	62%	48%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	51%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	36%	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%	20%	2%	64%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CAREY(4.16KV) - Customers: 912	72.8	0.3	4.0	0.0	0.0	1.0	15.7	1.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	10.3	0.0	0.0	0.0	0.0	1.0	10.3	0.0	2.0
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	86%	84%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	14%	16%	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	100%	81%	100%	51%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	49%	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

	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	
CARMELITA(12KV) - Customers: 2,292	0.0	0.0	0.0	344.8	3.0	0.0	192.5	2.5	3.0	12.9	0.0	0.0	32.7	0.2	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.3	1.0
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%	0%	100%
Equipment Failure	0%	0%	0%	65%	76%	0%	69%	92%	100%	28%	26%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	9%	2%	0%	
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	72%	74%	0%	2%	40%	0%	0%	0%	0%	0%	0%	0%	22%	42%	0%	
Other	0%	0%	0%	0%	0%	0%	30%	7%	0%	0%	0%	0%	98%	60%	0%	0%	0%	0%	0%	0%	69%	55%	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%	35%	24%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
CARPENTER(12KV) - Customers: 1,306	411.6	3.3	0.0	92.3	3.0	1.0	330.2	1.9	0.3	2.1	0.0	0.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	42.9	1.0	1.0	46.2	1.0	1.6
3rd Party	2%	30%	0%	0%	0%	0%	6%	53%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Equipment Failure	98%	70%	0%	0%	0%	0%	86%	28%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	5%	1%	37%		
Operation	0%	0%	0%	2%	0%	0%	2%	18%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	3%	1%	0%		
Other	0%	0%	0%	39%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	63%			
Vegetation/Animal	0%	0%	0%	59%	66%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	93%	99%	0%	
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
CITY CREEK(12KV) - Customers: 1,621	18.9	0.0	2.0	50.2	0.2	1.0	561.5	1.2	1.8	0.0	0.0	0.0	28.8	0.4	1.9	3.1	0.0	0.0	5.0	0.0	0.0	37.0	0.4	1.9	
3rd Party	0%	0%	0%	35%	15%	0%	21%	20%	98%	0%	0%	0%	50%	78%	52%	100%	100%	0%	0%	0%	0%	47%	78%	52%	
Equipment Failure	19%	12%	0%	54%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	14%	1%	0%	
Operation	0%	0%	0%	11%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Other	12%	45%	50%	0%	0%	0%	79%	80%	2%	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	69%	43%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	22%	48%	0%	0%	0%	0%	0%	0%	39%	20%	48%	
CLUB OAKS(33KV) - Customers: 2	0.0	0.0	2.0	0.0	0.0	0.0	863.0	1.0	6.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	22.0	1.0	0.0	22.0	1.0	2.0	
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

	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
COLA(4.16KV) - Customers: 735	11.8	0.0	1.0	1756.9	3.7	1.4	9.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
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	100%	100%	0%	72%	73%	28%	100%	100%	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%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	100%	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%	28%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
COWEN(4.16KV) - Customers: 668	0.4	0.0	1.9	100.4	1.1	6.8	331.9	1.4	3.0	180.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	180.1	2.0	3.0
3rd Party	0%	0%	50%	36%	87%	0%	96%	29%	33%	25%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	25%	50%	33%
Equipment Failure	100%	100%	0%	19%	2%	29%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	45%	11%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	33%
Other	0%	0%	0%	0%	0%	58%	4%	71%	0%	75%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	75%	50%	33%
Vegetation/Animal	0%	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%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CRAFTSMAN(12KV) - Customers: 62	0.0	0.0	0.0	106.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	51%
Equipment Failure	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	49%
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%
CRAM(12KV) - Customers: 1,306	15.1	0.1	0.0	38.5	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	136.7	1.1	0.0	299.8	2.5	0.0	0.9	0.0	1.0	437.4	3.6	1.0
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%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
DOCTORS(12KV) - Customers: 1,024	7.2	0.1	0.0	14.9	0.1	3.0	660.2	3.1	5.4	0.0	0.0	0.0	31.6	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	31.6	0.1	0.7
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	99%	0%	86%	81%	0%	22%	75%	40%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	66%	0%	0%	19%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	4%	1%	0%	0%	0%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	14%	19%	0%	77%	25%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DOOLEY(12KV) - Customers: 1,763	102.5	3.0	0.0	177.9	1.6	1.3	76.5	1.1	1.0	75.2	1.3	0.7	80.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.4	2.1	0.7
3rd Party	6%	30%	0%	0%	0%	0%	0%	0%	0%	95%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	47%	0%
Equipment Failure	24%	35%	0%	6%	7%	0%	21%	6%	0%	5%	25%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	16%	100%
Operation	17%	2%	0%	0%	1%	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	54%	33%	0%	92%	70%	50%	77%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	2%	21%	50%	0%	0%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	52%	37%	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%
DRAGON(12KV) - Customers: 337	0.0	0.0	0.0	0.0	0.0	0.0	17.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%
DRESSEN(12KV) - Customers: 363	192.8	1.9	0.2	233.0	2.2	0.0	179.6	1.8	1.1	146.1	0.3	1.0	0.0	0.0	1.0	261.6	1.0	2.0	120.5	1.0	5.1	528.1	2.4	9.1
3rd Party	95%	46%	100%	73%	45%	0%	89%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	0%	0%	11%
Equipment Failure	5%	54%	0%	27%	54%	0%	11%	1%	0%	83%	27%	100%	0%	0%	100%	100%	100%	100%	100%	100%	81%	95%	89%	89%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	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%	15%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	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

	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
DUMAS(12KV) - Customers: 602	57.8	0.5	0.6	719.9	5.3	0.6	12.6	0.0	1.4	0.0	0.0	0.0	43.6	1.0	0.0	32.1	0.4	2.0	157.9	0.3	0.0	233.7	1.7	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	14%	25%	0%
Equipment Failure	0%	0%	0%	88%	19%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	86%	75%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	28%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	7%	100%	0%	0%	72%	0%	0%	0%	0%	0%	0%	0%	0%	50%	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%	50%	0%	0%	0%	0%	0%	50%
Weather/Fire/Earthquake	100%	100%	100%	12%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DUNLAP(12KV) - Customers: 755	411.5	3.2	2.0	138.8	1.0	4.0	139.1	1.0	0.0	0.0	0.0	0.0	48.8	1.0	0.0	0.0	0.0	0.0	52.5	1.9	2.0	101.4	2.9	2.0
3rd Party	22%	31%	0%	0%	0%	50%	98%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%
Equipment Failure	45%	34%	100%	0%	0%	0%	2%	2%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	82%	52%	0%	91%	68%	0%
Operation	3%	3%	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%	1%	1%	50%	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	29%	31%	0%	98%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	18%	48%	50%	9%	32%	50%
DUROX(12KV) - Customers: 692	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.7	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	101.7	1.4	0.6
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	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%	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%
ECHO(12KV) - Customers: 1,772	45.9	2.1	1.0	47.7	1.0	1.0	64.4	0.2	0.0	73.8	1.0	0.0	1.4	0.0	0.0	3.1	0.0	0.0	7.4	0.0	1.0	85.7	1.0	1.0
3rd Party	14%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	28%	47%	0%	0%	0%	0%	61%	47%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	90%	97%	0%
Operation	16%	6%	0%	100%	100%	0%	26%	12%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Other	5%	1%	0%	0%	0%	0%	13%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	36%	2%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	9%	1%	100%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
ELLIOT(4.16KV) - Customers: 575	77.9	1.0	1.0	779.1	3.3	2.0	671.4	4.4	1.0	0.0	0.0	0.0	14.6	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	14.6	0.0	2.0
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%	50%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	98%	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%
EXPO(4.16KV) - Customers: 622	2.0	0.0	5.0	1040.8	3.3	9.0	281.1	2.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0
3rd Party	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	68%	30%	11%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	20%	1%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	60%	10%	30%	44%	38%	49%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	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%	20%	22%	30%	11%	61%	50%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GARNER(4.16KV) - Customers: 930	564.6	1.0	1.9	0.0	0.0	1.0	26.1	2.0	2.0	45.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	27.4	0.1	0.9	72.7	1.1	1.9
3rd Party	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	62%	93%	0%
Equipment Failure	0%	0%	49%	0%	0%	100%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	5%	21%	0%	2%	1%	52%
Other	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	51%	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%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	79%	100%	36%	6%	48%
GOLDBUCKLE(12KV) - Customers: 1,922	43.3	0.1	0.0	33.0	0.2	1.0	22.5	0.0	1.5	2.4	0.0	0.0	54.2	0.1	0.0	0.0	0.0	0.0	31.6	0.6	0.0	88.1	0.8	0.0
3rd Party	0%	0%	0%	9%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	71%	71%	0%	36%	22%	0%	100%	100%	0%	61%	38%	0%	86%	71%	0%	0%	0%	0%	100%	100%	0%	90%	95%	0%
Operation	2%	2%	100%	44%	45%	0%	0%	0%	0%	39%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Other	28%	26%	0%	11%	13%	0%	0%	0%	0%	0%	0%	0%	14%	29%	0%	0%	0%	0%	0%	0%	0%	9%	5%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
GOODNER(4.16KV) - Customers: 825	50.2	1.0	5.9	237.4	1.0	1.0	113.8	2.0	4.9	14.3	0.1	0.0	0.0	0.0	1.0	6.8	0.0	0.0	41.4	0.0	2.0	62.5	0.1	3.0
3rd Party	0%	0%	33%	0%	0%	0%	74%	52%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	50%	2%	1%	0%	16%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	11%	12%	0%
Operation	12%	6%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	23%	68%	33%
Other	0%	0%	0%	0%	0%	100%	11%	48%	61%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%	0%	0%	67%
Vegetation/Animal	0%	0%	0%	98%	99%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	88%	94%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	66%	20%	0%
GUTHRIE(12KV) - Customers: 2,676	483.1	5.0	0.0	212.3	2.9	1.7	236.9	3.6	2.0	1.5	0.0	2.0	12.3	0.1	0.0	0.5	0.0	0.0	4.4	0.0	0.0	18.8	0.1	2.0
3rd Party	23%	28%	0%	49%	35%	0%	1%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	67%	58%	0%	38%	28%	0%	71%	56%	49%	100%	100%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	20%	50%
Operation	0%	0%	0%	8%	36%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%	92%	80%	0%
Other	10%	14%	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%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	5%	0%	59%	28%	44%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HALLMARK(12KV) - Customers: 18	9.0	1.0	0.0	0.0	0.0	0.0	10.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	100%	100%	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%	100%	100%	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%
HARLEM SPRINGS(12KV) - Customers: 2,749	85.5	1.6	1.5	427.1	2.6	0.5	387.1	2.1	1.1	0.1	0.0	0.8	42.2	1.1	0.0	1.2	0.0	1.1	429.2	0.7	1.5	472.8	1.8	3.4
3rd Party	0%	0%	0%	0%	0%	0%	24%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	59%	4%	0%	75%	41%	0%	71%	50%	10%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
Operation	19%	2%	0%	0%	0%	0%	4%	3%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	9%	61%	0%
Other	13%	62%	0%	1%	17%	100%	0%	0%	90%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	74%	0%	0%	56%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	33%
Weather/Fire/Earthquake	10%	32%	100%	25%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	26%	91%	39%	11%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
HARRIS(4.16KV) - Customers: 1	0.0	0.0	0.0	687.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	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%
HERZ(12KV) - Customers: 746	397.2	4.5	1.0	524.4	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	0.1	0.0	24.4	0.1	0.0
3rd Party	21%	47%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	35%	7%	0%	97%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	3%	19%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	3%	2%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	38%	25%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
HOLLY VISTA(12KV) - Customers: 1,125	194.1	3.0	1.0	14.0	0.4	1.7	459.4	1.2	2.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0
3rd Party	4%	33%	0%	0%	0%	0%	71%	83%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	50%	34%	0%	70%	4%	60%	28%	16%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%
Operation	0%	0%	0%	10%	2%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	20%	94%	40%	0%	0%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	46%	33%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HOLSTEIN(4.16KV) - Customers: 398	747.5	4.1	0.0	310.8	1.0	1.0	15.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.6	1.0	0.0	250.6	1.0	0.0
3rd Party	66%	50%	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%	99%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	18%	26%	0%	1%	3%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	16%	25%	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%	100%	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

	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
HOSPAT(12KV) - Customers: 622	111.7	2.2	1.0	0.0	0.0	1.0	100.8	1.1	5.0	33.1	0.1	2.0	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	0.0	49.9	0.1	2.0
3rd Party	6%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	91%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	50%	0%	0%	0%	100%	100%	0%	0%	0%	0%	34%	33%	50%
Operation	3%	4%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	66%	67%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	50%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HOVATTER(12KV) - Customers: 1,607	16.7	1.9	0.0	5.2	0.0	3.0	45.5	0.0	5.0	0.0	0.0	1.0	20.0	0.1	1.0	4.8	0.0	1.0	71.4	1.6	0.0	96.2	1.7	3.0
3rd Party	36%	46%	0%	100%	100%	33%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	51%	62%	0%	38%	58%	33%
Equipment Failure	64%	54%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	92%	67%	0%	87%	50%	0%	33%	35%	0%	48%	37%	33%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	33%	0%	13%	50%	0%	16%	3%	0%	14%	5%	0%
Other	0%	0%	0%	0%	0%	33%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	33%
Vegetation/Animal	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
IRVINGTON(12KV) - Customers: 605	63.1	2.0	0.0	0.8	0.0	1.8	22.0	1.4	2.0	0.0	0.0	0.0	2.3	0.0	1.3	0.0	0.0	0.0	0.3	0.0	0.0	2.6	0.0	1.3
3rd Party	23%	49%	0%	0%	0%	77%	39%	26%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	9%	1%	0%	0%	0%	0%	60%	73%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	89%	67%	100%
Operation	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	11%	33%	0%
Other	0%	0%	0%	0%	0%	23%	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	68%	49%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JUSTICE(12KV) - Customers: 436	35.1	1.0	0.0	889.7	2.2	0.8	197.9	2.0	0.0	0.0	0.0	0.0	107.3	0.9	0.0	0.0	0.0	0.9	0.0	0.0	0.9	107.3	0.9	1.9
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%	91%	100%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
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%	100%	0%	0%	0%	0%	0%	50%
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

	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
KENDALL(4.16KV) - Customers: 487	10.0	1.0	0.0	715.3	1.1	4.0	40.0	0.0	0.0	119.5	1.0	0.5	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	119.5	1.0	1.5
3rd Party	0%	0%	0%	0%	0%	26%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	33%
Equipment Failure	0%	0%	0%	99%	96%	26%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	1%	4%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	24%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LANCERS(12KV) - Customers: 2,542	43.2	0.5	2.0	72.9	2.2	3.9	178.5	0.2	1.8	106.8	1.4	0.0	107.5	1.0	1.0	0.0	0.0	2.0	0.0	0.0	1.0	214.3	2.5	4.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	84%	54%	0%	0%	0%	0%	0%	0%	0%	42%	23%	0%
Equipment Failure	100%	100%	0%	2%	0%	0%	99%	93%	46%	0%	0%	0%	16%	46%	100%	0%	0%	100%	0%	0%	0%	8%	19%	75%
Operation	0%	0%	0%	26%	12%	0%	0%	0%	0%	96%	69%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	40%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	25%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	1%	7%	0%	4%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	18%	0%
Weather/Fire/Earthquake	0%	0%	0%	72%	88%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LARCH(33KV) - Customers: 3	563.0	1.0	0.0	1178.6	8.1	0.0	155.0	3.0	4.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
3rd Party	100%	100%	0%	4%	11%	0%	0%	0%	25%	0%	0%	33%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	95%	79%	0%	72%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	1%	11%	0%	28%	33%	25%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%
LEBER(4.16KV) - Customers: 482	490.7	3.0	10.0	405.0	6.0	12.9	208.6	4.0	2.0	0.0	0.0	0.0	185.8	3.0	1.0	72.5	1.0	0.0	0.0	0.0	0.0	258.4	4.0	1.0
3rd Party	0%	0%	20%	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%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	10%	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%	44%	66%	100%	100%	100%	51%	0%	0%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	100%	100%	0%	56%	34%	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

	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
LENA(12KV) - Customers: 563	18.7	1.0	0.0	489.9	1.2	1.3	343.5	1.3	1.4	70.3	1.0	0.0	33.9	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	107.4	1.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	99%	100%	51%	48%	28%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	65%	95%	0%
Operation	0%	0%	0%	0%	1%	0%	42%	49%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	32%	5%	0%
Other	0%	0%	0%	0%	0%	0%	6%	2%	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	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	0%	0%
LEROY(4.16KV) - Customers: 651	104.7	3.2	2.0	447.4	2.1	5.3	471.5	1.0	2.0	0.0	0.0	2.0	60.6	0.1	0.0	14.1	0.2	0.0	8.0	0.0	0.0	82.7	0.3	2.0
3rd Party	7%	31%	0%	90%	48%	6%	74%	80%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	17%	51%	0%
Equipment Failure	19%	32%	0%	8%	3%	19%	22%	18%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	10%	4%	50%
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	74%	36%	50%	0%	0%	0%	0%	0%	0%	0%	0%	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	73%	45%	50%
Vegetation/Animal	0%	0%	0%	2%	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%	50%	0%	0%	75%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LIMONITE(33KV) - Customers: 2	1052.0	4.0	2.0	334.0	2.0	1.0	775.6	3.3	1.1	324.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	324.3	1.0	1.0
3rd Party	53%	25%	0%	75%	50%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	41%	50%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	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	7%	25%	100%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%	25%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LITRA(4.16KV) - Customers: 470	328.3	5.0	1.0	174.8	1.6	0.0	320.5	4.0	2.9	0.0	0.0	2.0	12.1	1.0	2.0	29.6	1.0	0.0	205.4	2.0	1.0	247.1	4.0	5.0
3rd Party	2%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%
Equipment Failure	28%	40%	0%	95%	39%	0%	33%	50%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%
Operation	0%	0%	0%	0%	0%	100%	21%	48%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	12%	25%	0%
Other	70%	40%	0%	0%	0%	0%	0%	0%	34%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	100%	5%	25%	60%
Vegetation/Animal	0%	0%	0%	5%	61%	0%	0%	0%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	100%	0%	0%	0%	46%	3%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	83%	50%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
MACY(4.16KV) - Customers: 651	282.9	1.0	4.0	49.6	2.0	2.0	66.1	4.0	3.0	234.4	1.0	0.0	0.0	0.0	1.0	225.5	2.2	1.7	0.0	0.0	0.0	459.8	3.3	2.7
3rd Party	0%	0%	50%	74%	50%	50%	0%	0%	33%	96%	98%	0%	0%	0%	0%	59%	89%	57%	0%	0%	0%	78%	92%	36%
Equipment Failure	99%	98%	50%	0%	0%	0%	11%	25%	33%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Operation	1%	2%	0%	14%	1%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	41%	11%	43%	0%	0%	0%	20%	7%	27%
Other	0%	0%	0%	12%	49%	50%	23%	25%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	14%	25%	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%	49%	25%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MATEUS(12KV) - Customers: 1,728	63.3	0.1	0.0	39.7	1.0	0.0	155.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	26.0	0.1	0.0	26.2	0.1	0.0
3rd Party	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	90%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	64%	81%	0%	63%	79%	0%
Operation	15%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	13%	0%	4%	15%	0%
Other	0%	0%	0%	0%	0%	0%	10%	2%	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	85%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	5%	0%	32%	5%	0%
MEADOWBROOK(12KV) - Customers: 2,163	352.7	2.7	4.2	446.0	1.0	1.0	396.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.0	1.2	0.2	3.0	0.0	1.0	122.0	1.2	1.3
3rd Party	8%	3%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	26%	34%	0%	99%	99%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	0%	100%	100%	19%
Operation	4%	3%	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%	21%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	81%
Vegetation/Animal	60%	33%	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%	27%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MEDUSA(12KV) - Customers: 229	0.0	0.0	0.0	0.0	0.0	0.0	111.7	1.1	1.0	196.5	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.5	1.0	0.9
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	97%	94%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	3%	6%	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

	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
MEREDITH(33KV) - Customers: 5	190.7	1.3	0.0	194.3	2.7	0.0	662.2	2.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	88%	75%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	12%	25%	0%	57%	67%	0%	100%	100%	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%	43%	33%	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%
MONTY(12KV) - Customers: 147	0.0	0.0	0.0	690.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	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%	100%	0%	0%	0%	0%	0%	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%
MOUNTAIN(4.16KV) - Customers: 377	5.5	0.0	0.0	690.9	1.0	0.0	119.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	1.0	12.5	0.0	0.0	22.1	0.1	1.0
3rd Party	0%	0%	0%	0%	0%	0%	85%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	65%	47%	0%	100%	100%	0%	15%	2%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	43%	43%	0%
Operation	35%	53%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
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%	100%	100%	0%	57%	57%	0%
MUFFIN(12KV) - Customers: 1,414	0.8	0.0	1.7	248.4	2.1	1.0	32.6	1.5	3.0	4.9	0.0	1.0	1.6	0.0	1.0	0.0	0.0	2.0	17.7	0.0	1.5	24.2	0.1	5.5
3rd Party	0%	0%	0%	25%	47%	0%	12%	2%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	18%
Equipment Failure	0%	0%	0%	11%	2%	100%	0%	0%	67%	100%	100%	0%	50%	42%	100%	0%	0%	0%	72%	48%	0%	76%	62%	18%
Operation	0%	0%	0%	0%	0%	0%	49%	33%	0%	0%	0%	0%	50%	58%	0%	0%	0%	51%	0%	0%	0%	3%	15%	18%
Other	0%	0%	0%	0%	0%	0%	40%	65%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	100%	100%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	49%	0%	0%	0%	0%	0%	18%
Weather/Fire/Earthquake	0%	0%	50%	63%	51%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%	52%	100%	21%	23%	27%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
MULKEY(12KV) - Customers: 2,139	176.9	3.4	0.2	228.1	2.5	0.2	377.8	1.8	1.9	8.0	0.8	0.2	97.5	2.0	0.0	42.7	0.0	0.0	233.8	1.0	0.0	382.1	3.9	0.2
3rd Party	28%	36%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	37%	53%	0%
Equipment Failure	8%	21%	0%	0%	0%	0%	3%	1%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	21%	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%	39%	40%	0%	20%	45%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	61%	26%	0%
Vegetation/Animal	24%	23%	0%	2%	20%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	39%	21%	0%	59%	40%	0%	77%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
NIKE(12KV) - Customers: 226	162.8	1.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	0%	0%	60%	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%	40%	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%
NORTH PARK(12KV) - Customers: 2,240	22.0	1.3	0.3	24.9	0.3	0.6	151.1	1.8	2.9	3.4	0.0	0.0	1.3	0.0	0.0	56.4	1.2	0.7	55.4	0.5	1.0	116.4	1.7	1.7
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%
NORWOOD(12KV) - Customers: 2,156	0.0	0.0	0.0	16.0	1.0	1.9	63.4	1.8	2.0	109.9	1.3	4.9	270.1	2.9	0.0	0.0	0.0	0.9	132.6	0.9	2.6	512.6	5.1	8.4
3rd Party	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	62%	70%	0%	0%	0%	0%	0%	0%	0%	33%	40%	0%
Equipment Failure	0%	0%	0%	7%	0%	0%	28%	1%	0%	0%	0%	0%	38%	30%	0%	0%	0%	100%	0%	0%	0%	20%	17%	10%
Operation	0%	0%	0%	0%	0%	0%	20%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	52%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	21%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%	1%	1%	0%
Weather/Fire/Earthquake	0%	0%	0%	93%	100%	0%	0%	0%	50%	100%	100%	100%	0%	0%	0%	0%	0%	0%	96%	96%	33%	46%	42%	68%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
PARKDALE(12KV) - Customers: 1,615	329.1	3.3	1.0	2.7	0.0	2.6	0.0	0.0	0.9	0.0	0.0	1.0	1.1	0.0	0.0	57.2	1.0	1.0	0.0	0.0	0.0	58.3	1.0	2.0
3rd Party	2%	30%	0%	21%	59%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	98%	99%	50%
Equipment Failure	72%	41%	0%	79%	41%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
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%	67%	0%	0%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	26%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
PENCIL(12KV) - Customers: 2,196	12.7	0.0	1.0	22.4	1.0	1.5	18.6	1.0	2.0	133.9	0.5	0.8	9.6	0.0	0.0	5.8	0.0	0.0	2.7	0.0	2.0	152.0	0.5	2.8
3rd Party	0%	0%	0%	0%	0%	0%	72%	99%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	2%	0%	48%	2%	0%	28%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	86%	0%	2%	1%	0%
Operation	99%	98%	0%	52%	98%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	10%	6%	0%
Other	0%	0%	0%	0%	0%	36%	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%	64%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	5%	14%	100%	88%	93%	100%
PERSHING(4.16KV) - Customers: 655	51.8	1.0	1.0	727.0	1.1	1.9	42.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	19.1	0.0	0.0	19.1	0.0	1.0
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	9%	59%	100%	95%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Other	91%	41%	0%	0%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	5%	5%	49%	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%
PETTIS(12KV) - Customers: 1,887	417.5	2.0	0.5	0.3	0.0	1.0	310.7	1.2	0.0	0.0	0.0	0.0	250.1	1.1	0.0	0.0	0.0	0.0	8.9	0.1	0.0	258.9	1.2	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	94%	90%	0%	0%	0%	0%	0%	0%	0%	91%	85%	0%
Equipment Failure	64%	50%	0%	0%	0%	0%	100%	100%	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%	1%	8%	0%	0%	0%	0%	100%	100%	0%	4%	13%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	2%	0%	0%	0%	0%	0%	0%	0%	5%	2%	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	36%	50%	100%	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

	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
PLACID(12KV) - Customers: 3,202	93.8	1.2	1.5	254.0	2.9	2.1	225.9	2.3	5.8	0.9	0.0	0.1	14.7	0.1	0.0	2.4	0.0	0.0	54.7	0.2	0.0	72.7	0.3	0.1
3rd Party	20%	24%	68%	40%	26%	0%	20%	14%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	0%	0%	45%	46%	0%	21%	32%	32%	100%	100%	0%	100%	100%	0%	91%	95%	0%	0%	0%	0%	25%	23%	0%
Operation	2%	0%	0%	10%	18%	0%	0%	0%	17%	0%	0%	0%	0%	0%	0%	9%	5%	0%	100%	100%	0%	75%	77%	0%
Other	0%	0%	13%	0%	0%	9%	0%	0%	21%	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%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	77%	76%	19%	6%	11%	91%	59%	54%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
POTATO(12KV) - Customers: 1,597	97.1	2.0	1.0	296.9	3.4	2.3	17.5	1.0	3.0	7.4	0.0	1.6	0.0	0.0	0.6	9.8	0.0	2.6	50.2	1.0	0.0	67.4	1.0	4.8
3rd Party	0%	0%	0%	57%	49%	15%	0%	0%	0%	0%	0%	63%	0%	0%	100%	0%	0%	23%	100%	100%	0%	74%	96%	46%
Equipment Failure	0%	0%	0%	27%	29%	85%	25%	4%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	2%	1%	0%	14%	20%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	38%	0%	0%	0%	15%	3%	21%
Other	98%	99%	0%	0%	0%	0%	74%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	0%	0%	0%	0%	0%	21%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	33%	100%	100%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	1%	12%
POWER(4.16KV) - Customers: 885	7.1	0.0	6.0	6.0	1.0	3.0	148.3	4.2	2.0	0.0	0.0	0.0	0.0	0.0	1.8	130.9	2.0	0.0	112.9	1.1	0.0	243.8	3.0	1.8
3rd Party	0%	0%	50%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	44%	100%	100%	0%	100%	100%	0%	100%	100%	44%
Equipment Failure	79%	60%	33%	0%	0%	0%	19%	24%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	21%	40%	0%	1%	1%	0%	27%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	17%	99%	99%	67%	48%	42%	50%	0%	0%	0%	0%	0%	56%	0%	0%	0%	0%	0%	0%	0%	0%	56%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	6%	24%	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%
PUMALO(12KV) - Customers: 1,438	131.8	3.1	0.0	36.3	1.1	2.0	576.8	1.4	5.9	0.0	0.0	2.0	0.0	0.0	0.0	1.7	0.0	0.0	242.5	1.0	0.4	244.3	1.0	2.3
3rd Party	5%	32%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	32%	36%	0%	96%	97%	50%	31%	25%	0%	0%	0%	50%	0%	0%	0%	100%	100%	0%	1%	0%	0%	1%	1%	42%
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%	0%	0%	0%	0%	0%	0%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	50%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	62%	32%	0%	0%	0%	0%	68%	73%	17%	0%	0%	50%	0%	0%	0%	0%	0%	0%	99%	100%	100%	99%	99%	58%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
RAISIN(12KV) - Customers: 1,566	17.4	0.0	2.0	72.2	0.2	1.0	90.1	1.1	3.0	0.0	0.0	1.0	0.0	0.0	1.3	113.4	1.1	1.2	28.5	0.0	0.0	141.9	1.1	3.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	20%	0%	0%	0%	4%	14%	0%	1%	0%	37%
Equipment Failure	83%	62%	0%	89%	67%	100%	7%	3%	67%	0%	0%	0%	0%	0%	0%	100%	100%	13%	0%	0%	0%	80%	97%	4%
Operation	17%	38%	0%	11%	33%	0%	79%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	50%	0%	0%	0%	14%	90%	0%	0%	0%	0%	0%	0%	80%	0%	0%	0%	0%	0%	0%	0%	0%	29%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	87%	0%	0%	0%	0%	0%	30%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	96%	86%	0%	19%	3%	0%
REDICK(4.16KV) - Customers: 95	87.0	1.0	0.0	693.7	1.0	1.0	0.0	0.0	1.0	26.6	1.0	0.0	489.1	1.0	2.0	10.9	1.0	0.0	0.0	0.0	0.0	526.6	3.0	2.0
3rd Party	100%	100%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	95%	66%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	0%	0%	0%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	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%	83%	99%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	4%	33%	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%
REISLING(12KV) - Customers: 1,239	37.6	0.1	1.0	0.4	0.0	1.0	27.9	0.2	0.0	82.1	1.7	0.3	0.0	0.0	1.0	2.6	0.0	2.0	68.4	1.0	0.3	153.1	2.7	3.6
3rd Party	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	1%	0%
Equipment Failure	54%	28%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	82%
Operation	38%	68%	0%	0%	0%	0%	100%	100%	0%	90%	60%	0%	0%	0%	0%	0%	0%	0%	6%	1%	0%	51%	38%	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%	10%	40%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	25%	9%
Weather/Fire/Earthquake	8%	4%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	94%	99%	100%	42%	37%	9%
RILEY(12KV) - Customers: 628	136.6	2.0	0.0	405.9	1.0	0.0	51.4	1.1	0.0	1.8	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.0
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%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	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

	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
ROI-TAN(12KV) - Customers: 2,773	37.5	1.1	2.9	268.1	2.2	1.1	246.0	2.1	3.0	67.3	0.7	1.0	42.2	0.5	0.0	89.1	1.1	2.8	10.4	0.0	0.0	209.0	2.3	3.7
3rd Party	28%	92%	0%	8%	1%	0%	90%	49%	66%	61%	87%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	26%	26%
Equipment Failure	10%	1%	0%	58%	54%	100%	9%	50%	34%	3%	2%	0%	24%	2%	0%	100%	100%	100%	0%	0%	0%	49%	48%	74%
Operation	62%	7%	33%	0%	1%	0%	0%	1%	0%	35%	11%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	12%	4%	0%
Other	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	74%	96%	0%	0%	0%	0%	0%	0%	0%	15%	22%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	33%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	5%	1%	0%
RYE(12KV) - Customers: 1,078	72.6	0.3	2.0	462.6	7.0	4.9	23.0	1.0	3.0	0.0	0.0	1.0	0.0	0.0	1.0	32.0	0.1	2.0	0.0	0.0	0.0	32.0	0.1	4.0
3rd Party	0%	0%	0%	6%	6%	20%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	49%	51%	50%	59%	53%	39%	16%	1%	67%	0%	0%	0%	0%	0%	0%	52%	35%	0%	0%	0%	0%	52%	35%	0%
Operation	10%	14%	0%	17%	15%	0%	24%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	25%
Other	0%	0%	0%	0%	0%	0%	56%	98%	0%	0%	0%	0%	0%	0%	0%	48%	65%	0%	0%	0%	0%	48%	65%	0%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	25%
Weather/Fire/Earthquake	41%	35%	0%	18%	26%	40%	4%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SAGE(4.16KV) - Customers: 406	0.0	0.0	2.0	0.0	0.0	4.0	101.2	2.1	2.8	43.6	1.0	1.0	1.3	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	44.9	1.0	3.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	33%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	97%	97%	0%
Equipment Failure	0%	0%	0%	0%	0%	25%	24%	4%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	58%	42%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	3%	3%	34%
Other	0%	0%	0%	0%	0%	75%	18%	54%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	66%
Vegetation/Animal	0%	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%	50%	0%	0%	0%	0%	0%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SAUTERNE(12KV) - Customers: 1,870	464.4	1.2	0.1	86.3	1.0	0.0	377.0	1.5	0.0	67.7	1.0	0.9	0.0	0.0	1.0	0.4	0.0	1.9	48.3	1.2	1.1	116.4	2.2	4.9
3rd Party	0%	0%	0%	97%	99%	0%	32%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	49%	88%	100%	20%	49%	22%
Equipment Failure	18%	45%	100%	2%	0%	0%	62%	30%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	51%	12%	0%	21%	7%	59%
Operation	0%	0%	0%	1%	1%	0%	1%	2%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	58%	44%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%
Weather/Fire/Earthquake	82%	55%	0%	0%	0%	0%	5%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
SHERRY(12KV) - Customers: 1,781	19.4	0.2	0.0	0.0	0.0	0.0	62.1	0.4	0.0	108.3	1.3	1.0	26.0	2.0	6.0	6.4	0.0	2.0	18.2	0.1	0.0	159.0	3.4	9.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	77%	50%	67%	0%	0%	0%	0%	0%	0%	13%	29%	44%
Equipment Failure	89%	69%	0%	0%	0%	0%	57%	49%	0%	37%	21%	0%	23%	50%	33%	0%	0%	100%	0%	0%	0%	29%	37%	44%
Operation	11%	31%	0%	0%	0%	0%	43%	51%	0%	63%	79%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	47%	30%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	11%	3%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
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%
SHIRAZ(12KV) - Customers: 2,371	0.0	0.0	0.0	37.7	0.7	0.0	76.9	1.1	1.0	67.7	1.0	1.0	20.1	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	87.8	1.0	4.0
3rd Party	0%	0%	0%	11%	7%	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%	99%	99%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	75%
Operation	0%	0%	0%	89%	93%	0%	1%	1%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%
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%
SHOPS(12KV) - Customers: 1,017	241.8	1.4	0.0	683.6	1.0	0.0	88.9	1.6	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.5	0.0	1.0	0.0	0.0	0.0	1.5	0.0	2.0
3rd Party	96%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	100%	100%	0%	96%	99%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	4%	28%	0%	0%	0%	0%	4%	1%	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%	100%	0%	0%	0%	0%	0%	50%
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%
SILVERTONE(12KV) - Customers: 453	0.2	0.0	0.0	0.0	0.0	0.0	138.4	3.4	0.9	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0
3rd Party	0%	0%	0%	0%	0%	0%	74%	59%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	33%
Equipment Failure	0%	0%	0%	0%	0%	0%	26%	41%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	67%
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	100%	100%	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

	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
SPARKS(12KV) - Customers: 976	2.7	0.0	0.0	35.5	0.2	2.0	0.9	0.0	3.0	0.0	0.0	0.0	2.8	0.0	0.0	26.8	0.0	0.0	48.0	0.0	1.0	77.6	0.1	1.0
3rd Party	0%	0%	0%	0%	0%	50%	62%	86%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	25%	23%	0%	38%	14%	67%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	38%	55%	0%
Operation	100%	100%	0%	75%	77%	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%	100%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	62%	45%	0%
STEGMAN(12KV) - Customers: 853	128.5	4.0	0.0	98.6	0.1	1.0	114.5	1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	5%	25%	0%	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	7%	25%	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%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	88%	50%	0%	0%	0%	0%	99%	99%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
STERLING(4.16KV) - Customers: 539	346.1	6.6	0.9	430.2	2.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	42%	58%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	3%	0%	0%	74%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	56%	42%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	26%	49%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SUN(4.16KV) - Customers: 3	82.7	1.3	0.0	687.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	70%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	30%	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%	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

	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
SUTT(12KV) - Customers: 1,759	20.0	1.7	0.1	18.5	0.7	1.0	141.4	0.9	7.9	2.4	0.0	1.0	0.0	0.0	0.0	15.0	0.0	0.0	14.0	0.0	1.9	31.4	0.0	2.9
3rd Party	23%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	63%	60%	0%	4%	0%	1%	66%	97%	23%	11%	40%	100%	0%	0%	0%	100%	100%	0%	73%	43%	0%	81%	61%	35%
Operation	2%	0%	0%	84%	98%	0%	0%	0%	0%	89%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	4%	0%
Other	12%	1%	100%	0%	0%	1%	0%	0%	77%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	57%	100%	12%	35%	65%
Vegetation/Animal	0%	0%	0%	0%	0%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	12%	2%	0%	34%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
SWEETWATER(12KV) - Customers: 2,259	11.8	1.0	0.0	4.0	0.0	0.2	19.7	1.1	0.0	17.0	0.2	0.0	16.2	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	45.1	0.2	0.0
3rd Party	90%	98%	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%	68%	95%	0%	85%	84%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	94%	88%	0%
Operation	10%	2%	0%	100%	100%	100%	32%	5%	0%	15%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	12%	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%
TAMPICO(12KV) - Customers: 980	0.0	0.0	2.0	318.4	2.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.4	0.0	1.0	127.4	1.1	2.1	129.8	1.1	3.1
3rd Party	0%	0%	0%	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	1%	0%	32%
Equipment Failure	0%	0%	0%	83%	36%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	89%	98%	0%	88%	98%	0%
Other	0%	0%	0%	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	68%
Vegetation/Animal	0%	0%	50%	17%	63%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	2%	0%	11%	2%	0%
URBITA(12KV) - Customers: 1,790	50.3	0.1	0.0	76.3	1.0	1.0	45.7	1.0	2.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.9	0.0	3.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	33%
Equipment Failure	69%	30%	0%	95%	97%	100%	13%	1%	50%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	67%
Operation	31%	70%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	5%	2%	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%	87%	99%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%

Reliability Histories for Individual Circuits Serving San Bernardino

	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
VARGAS(12KV) - Customers: 1,615	172.2	2.3	1.0	250.0	2.5	1.6	116.5	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.2	2.4	8.6	0.2	2.4
3rd Party	7%	44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	82%	51%	0%	3%	1%	0%	93%	96%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	11%	5%	0%	9%	4%	0%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	7%	0%	20%	7%	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%	88%	95%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	80%	93%	100%	80%	93%	100%
VARSITY(12KV) - Customers: 84	9.0	1.0	0.0	0.0	0.0	0.0	9.5	1.0	1.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
3rd Party	100%	100%	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%	100%	100%	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%	100%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%
VERDEMONT(33KV) - Customers: 10	235.1	1.0	3.1	26.6	1.2	0.7	11.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	1.0	5254.6	1.6	0.4	0.0	0.0	0.2	5254.6	1.6	1.6
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%
VIADUCT(4.16KV) - Customers: 522	13.8	1.0	1.0	697.1	1.0	0.9	186.3	0.3	1.0	20.9	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	20.9	0.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	70%	26%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	100%	29%	42%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	49%
Operation	100%	100%	0%	0%	0%	0%	1%	32%	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%	100%	0%	0%	51%
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

	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
VITAMIN(12KV) - Customers: 800	89.8	1.1	0.0	29.4	0.3	1.0	0.0	0.0	0.0	141.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141.1	1.0	0.0
3rd Party	97%	97%	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%	77%	56%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Other	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	23%	44%	0%	0%	0%	0%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	100%	0%
WARM CREEK(12KV) - Customers: 491	1.0	0.0	0.0	696.9	1.0	0.0	76.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	3%	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%
WATERMAN(12KV) - Customers: 1,297	62.8	2.0	2.0	962.3	2.6	0.0	34.6	0.0	1.0	0.0	0.0	0.0	71.2	0.5	0.5	1.6	0.0	1.0	9.3	0.1	0.0	82.1	0.6	1.4
3rd Party	4%	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	86%	50%	50%	96%	92%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	89%	84%	33%
Operation	0%	0%	0%	4%	8%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	10%	50%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	11%	16%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	67%
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%
WHITLOCK(4.16KV) - Customers: 397	250.2	3.8	1.0	311.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.4	0.1	0.0	0.0	0.0	0.0	65.5	0.2	1.0	97.9	0.3	1.0
3rd Party	47%	52%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	99%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	53%	48%	0%	1%	4%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%
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

	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
ZAPATA(12KV) - Customers: 1,117	4.0	0.0	0.0	706.5	2.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	17.8	0.0	0.0	61.3	0.1	2.0	0.0	0.0	1.0	79.0	0.1	3.0
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%	98%	50%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	50%	0%	0%	0%	100%	100%	33%
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%	2%	50%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	33%
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%
ZINFANDEL(12KV) - Customers: 1,990	33.4	2.0	2.0	4.6	0.0	1.0	19.4	0.1	1.0	102.0	2.2	1.0	7.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	1.0	109.0	2.7	3.0
3rd Party	2%	0%	0%	0%	0%	100%	39%	30%	0%	0%	0%	0%	69%	97%	100%	0%	0%	0%	0%	0%	0%	4%	18%	33%
Equipment Failure	5%	0%	0%	48%	10%	0%	57%	21%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	52%	90%	0%	4%	49%	0%	22%	46%	0%	31%	3%	0%	0%	0%	0%	0%	0%	0%	23%	38%	0%
Other	93%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	67%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	78%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	73%	44%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%