



Circuit Reliability Review

Santa Barbara District 1

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 Santa Barbara County – District 1

Carpinteria

Mission Canyon

Montecito

City of Santa Barbara

County of Santa Barbara

Summerland

Toro Canyon

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.

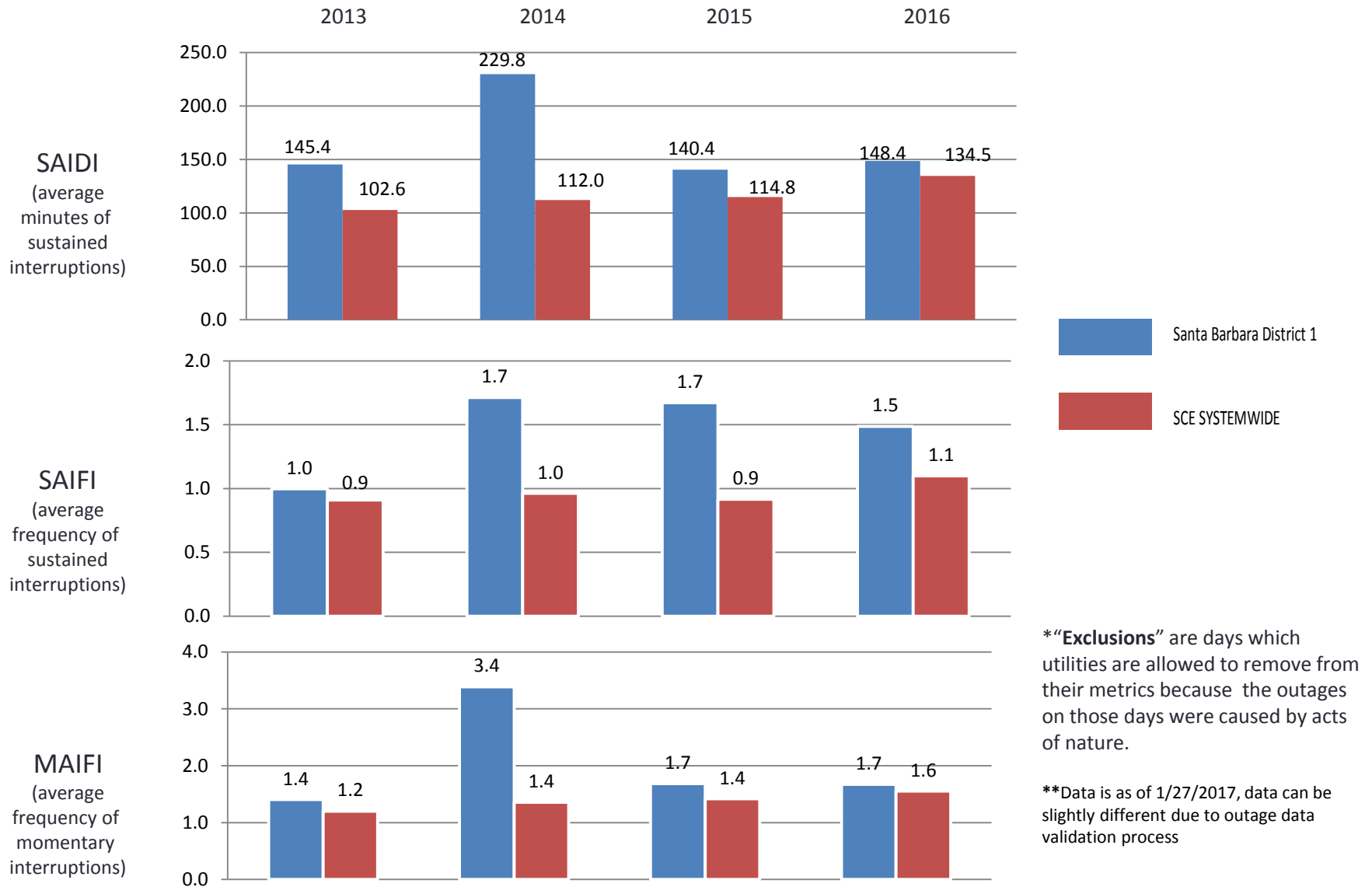
Overview of Santa Barbara District 1

There are 24 circuits that serve Santa Barbara District 1

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ARMOUR(4.16KV)	372						
ASHLEY(4.16KV)	126						
CACHUMA(16KV)	4,001						
CARPOIL(16KV)	2,427						
COPY(4.16KV)	14						
GREENWELL(33KV)	1						
GUTIERREZ(4.16KV)	1,059						
HELENA(4.16KV)	998						
HOT SPRINGS(16KV)	3,661						
HURST(16KV)	2,875						
LAURO(4.16KV)	608						
MIRAMAR(4.16KV)	206						
NIDEVER(2.4KV)	115						
PIMIENTO(4.16KV)	25						
PUESTA(4.16KV)	1,087						
RINCON(4.16KV)	66						
SAN YSIDRO(2.4KV)	23						
SEACLIFF(16KV)	1,186						
SHEFFIELD(16KV)	2,064						
STANWOOD(16KV)	1,443						
SWIFT(4.16KV)	241						
TATANKA(4.16KV)	219						
TREMAINE(4.16KV)	288						
VALLECITO(16KV)	3,912						

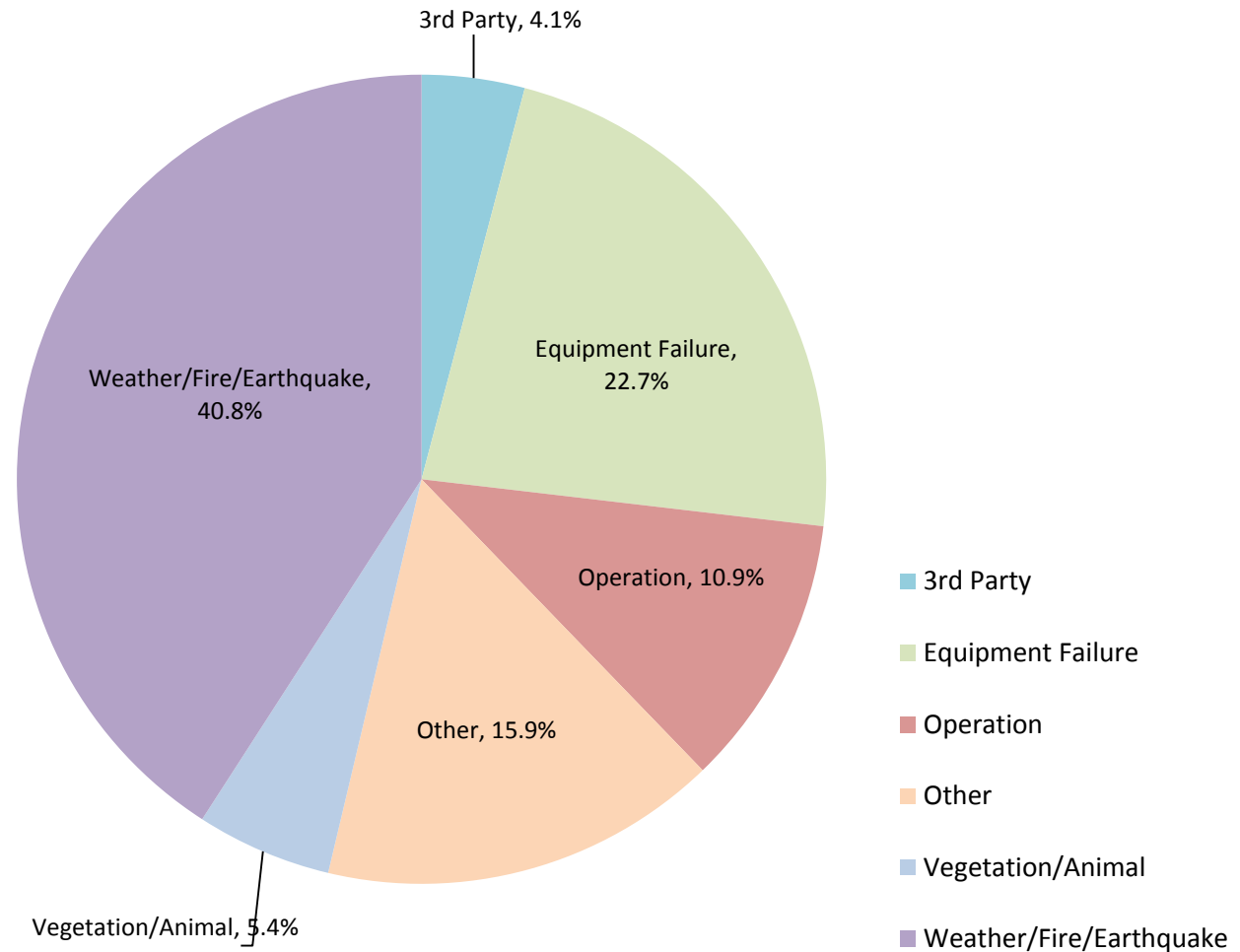
Grand Total 27,017

Reliability History of Circuits Serving Santa Barbara District 1 (No Exclusions)



Causes of Repair Outages in Santa Barbara District 1 Circuits 2016 YTD

Contributions to SAIDI by Outage Cause

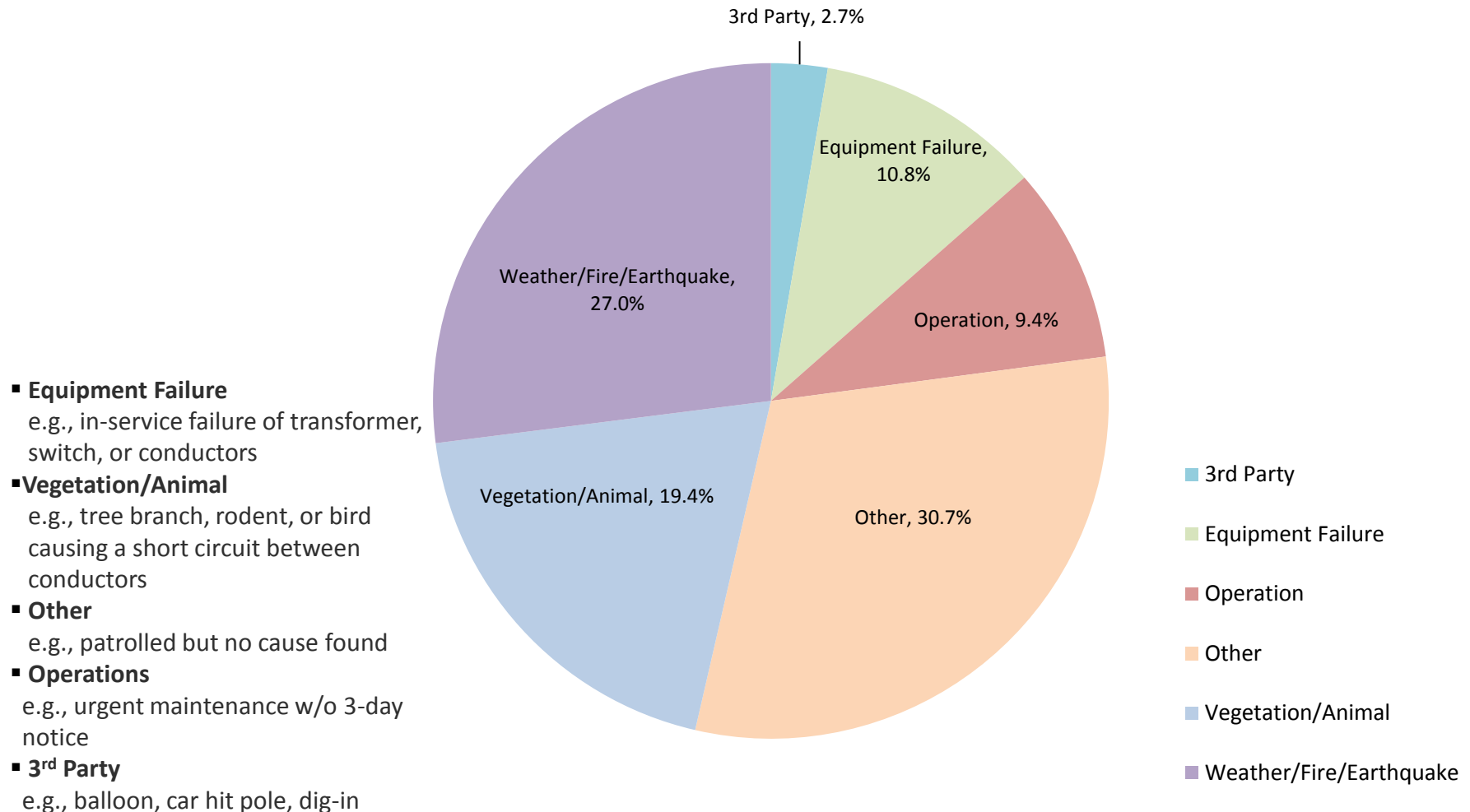


- **Equipment Failure**
e.g., in-service failure of transformer, switch, or conductors
- **Vegetation/Animal**
e.g., tree branch, rodent, or bird causing a short circuit between conductors
- **Other**
e.g., patrolled but no cause found
- **Operations**
e.g., urgent maintenance w/o 3-day notice
- **3rd Party**
e.g., balloon, car hit pole, dig-in

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

Causes of Repair Outages in Santa Barbara District 1 Circuits 2016 YTD

Contributions to SAIFI by Outage Cause

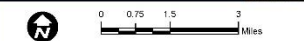


SAIFI = the number of times the average customer is interrupted by “sustained” outages each year.

Santa Barbara County District 1 Unincorporated Areas 2017 Capital Improvement Plan

- Unincorporated Community
- Unincorporated County Area
- Supervisory District
- Replacement/Equipment Upgrade
 - Pole Replacement
- Other Work
 - Circuit Public Safety Upgrade
 - Circuit Reliability Upgrade
- Replacement/Equipment Upgrade (Transmission)
 - Electrical Equipment Replacement
 - Pole Replacement
- Other Work (Transmission)
 - Circuit Reliability Upgrade

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



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File Name: SUPER_CIP_Santa_Barbara.mxd

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Back-up Slides

Reliability Histories of Circuits Serving Santa Barbara District 1

Updated through Year-End 2016

Average Reliability of 24 Circuits Serving Santa Barbara District 1

	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
Santa Barbara District 1	145.4	1.0	1.4	229.8	1.7	3.4	140.4	1.7	1.7	70.5	0.5	0.8	35.9	0.8	0.5	21.8	0.1	0.2	20.3	0.1	0.2	148.4	1.5	1.7
3rd Party	29%	23%	18%	2%	1%	13%	11%	5%	3%	9%	8%	1%	0%	0%	32%	0%	0%	0%	0%	0%	0%	4%	3%	10%
Equipment Failure	51%	45%	25%	36%	29%	15%	32%	23%	39%	24%	15%	10%	10%	6%	7%	51%	29%	0%	8%	15%	0%	23%	11%	7%
Operation	8%	15%	3%	14%	13%	7%	19%	27%	15%	5%	10%	0%	5%	6%	3%	14%	17%	0%	38%	37%	0%	11%	9%	1%
Other	6%	5%	15%	21%	21%	57%	7%	4%	19%	1%	1%	41%	36%	49%	18%	5%	15%	3%	42%	40%	0%	16%	31%	25%
Vegetation/Animal	2%	7%	17%	1%	1%	3%	4%	11%	7%	9%	25%	6%	4%	20%	0%	0%	0%	74%	0%	0%	0%	5%	19%	13%
Weather/Fire/Earthquake	4%	5%	22%	26%	34%	5%	28%	30%	16%	51%	41%	43%	45%	19%	41%	29%	39%	23%	11%	8%	100%	41%	27%	45%
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 Santa Barbara District 1

	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
ARMOUR(4.16KV) - Customers: 372	6.7	0.0	0.0	242.9	2.1	1.0	132.9	3.3	7.0	360.1	1.2	7.1	325.3	1.7	1.0	83.5	1.0	0.0	339.5	1.3	0.0	1108.3	5.2	8.1
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%	61%	48%	100%	0%	0%	0%	100%	100%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	32%	24%	27%
Operation	0%	0%	0%	39%	52%	0%	66%	70%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	9%	0%	1%	2%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	100%	100%	0%	98%	91%	0%	37%	41%	12%
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%	34%	30%	0%	0%	0%	70%	100%	100%	0%	0%	0%	0%	0%	0%	0%	29%	32%	61%
ASHLEY(4.16KV) - Customers: 126	0.0	0.0	5.0	920.4	2.0	2.0	301.3	2.3	1.0	0.0	0.0	0.0	21.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	2.0	0.0
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%	0%	5%	50%	50%	58%	86%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	20%	0%	0%	0%	9%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	20%	0%	0%	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	0%	0%	39%	95%	50%	0%	33%	11%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
CACHUMA(16KV) - Customers: 4,001	27.2	0.1	0.1	475.3	3.2	5.6	138.1	1.0	0.2	44.7	0.8	1.6	21.7	0.3	0.5	32.5	0.1	0.4	25.7	0.1	0.0	124.6	1.3	2.4
3rd Party	0%	0%	0%	0%	0%	0%	21%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	56%	56%	0%	2%	2%	0%	12%	3%	0%	0%	0%	0%	11%	7%	0%	0%	0%	0%	3%	2%	0%	3%	1%	0%
Operation	5%	18%	0%	30%	8%	0%	14%	6%	0%	0%	0%	0%	2%	1%	0%	1%	2%	0%	70%	83%	0%	15%	6%	0%
Other	0%	0%	0%	57%	63%	96%	0%	0%	0%	0%	0%	87%	87%	92%	100%	0%	0%	0%	2%	2%	0%	16%	18%	75%
Vegetation/Animal	1%	6%	0%	0%	0%	0%	0%	0%	0%	100%	100%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	62%	8%
Weather/Fire/Earthquake	38%	20%	100%	11%	26%	4%	53%	84%	100%	0%	0%	0%	0%	0%	0%	99%	98%	100%	24%	13%	100%	31%	12%	16%
CARPOIL(16KV) - Customers: 2,427	113.0	0.2	3.0	77.8	0.3	2.0	65.6	1.2	0.0	0.2	0.0	0.0	19.7	1.0	0.0	30.5	0.1	0.0	9.7	0.1	0.0	60.1	1.1	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	99%	70%	2%	100%	100%	0%	24%	8%	0%	0%	0%	0%	0%	0%	0%	79%	50%	100%	100%	100%	0%	56%	7%	100%
Operation	1%	30%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	21%	50%	0%	0%	0%	0%	11%	3%	0%
Other	0%	0%	33%	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	33%	90%	0%
Vegetation/Animal	0%	0%	33%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	33%	0%	0%	0%	76%	92%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Santa Barbara District 1

	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
COPY(4.16KV) - Customers: 14	0.0	0.0	0.0	241.0	1.0	1.0	194.6	1.0	2.9	256.0	1.0	2.0	24.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280.0	2.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	9%	50%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	91%	50%	100%
GREENWELL(33KV) - Customers: 1	0.0	0.0	1.8	61.0	1.0	2.0	0.0	0.0	0.7	0.0	0.0	1.0	15.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	1.0	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%	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%	100%	100%	100%	100%	0%	0%	100%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GUTIERREZ(4.16KV) - Customers: 1,059	38.8	0.1	1.0	0.0	0.0	2.0	199.1	2.1	0.0	153.3	1.0	2.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	156.9	1.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	58%	48%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	98%	0%
Equipment Failure	98%	75%	100%	0%	0%	50%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	2%	25%	0%	0%	0%	0%	39%	49%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	2%	0%
Other	0%	0%	0%	0%	0%	50%	2%	2%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HELENA(4.16KV) - Customers: 998	11.3	0.2	1.9	492.9	2.7	1.8	123.2	0.2	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.1	0.0	40.3	0.1	0.0
3rd Party	100%	100%	48%	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%	24%	20%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	15%	0%
Operation	0%	0%	0%	2%	14%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	52%	21%	22%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	53%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	92%	85%	0%

Reliability Histories for Individual Circuits Serving Santa Barbara District 1

	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
HOT SPRINGS(16KV) - Customers: 3,661	347.9	2.3	1.6	214.8	3.0	4.7	131.8	2.5	5.4	79.4	1.1	1.1	8.7	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	88.1	1.4	2.1
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	96%	40%	54%	48%	54%	46%	37%	56%	3%	3%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%
Operation	2%	2%	0%	8%	1%	12%	52%	62%	26%	28%	29%	0%	97%	99%	0%	100%	100%	0%	0%	0%	0%	35%	42%	0%
Other	0%	0%	0%	0%	0%	21%	2%	1%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	2%	2%	0%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	60%	34%	49%	12%	0%	0%	0%	69%	68%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	62%	56%	100%
HURST(16KV) - Customers: 2,875	53.1	0.1	1.4	256.9	1.3	1.2	122.9	2.1	1.9	184.0	0.3	0.2	16.2	1.2	0.1	11.0	0.1	1.0	6.2	0.1	0.0	217.6	1.6	1.4
3rd Party	0%	0%	0%	4%	1%	81%	12%	3%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	55%	62%	100%	66%	18%	0%	48%	25%	61%	42%	46%	0%	26%	1%	0%	0%	0%	0%	99%	98%	0%	40%	13%	0%
Operation	13%	8%	0%	0%	1%	0%	1%	6%	0%	0%	0%	0%	31%	14%	100%	80%	39%	0%	1%	2%	0%	6%	11%	10%
Other	29%	23%	0%	2%	5%	8%	16%	9%	9%	1%	3%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	17%
Vegetation/Animal	3%	6%	0%	0%	0%	10%	22%	56%	17%	0%	0%	0%	43%	86%	0%	0%	0%	100%	0%	0%	0%	3%	62%	73%
Weather/Fire/Earthquake	0%	0%	0%	28%	74%	0%	0%	0%	3%	57%	51%	0%	0%	0%	0%	20%	61%	0%	0%	0%	0%	49%	13%	0%
LAURO(4.16KV) - Customers: 608	21.1	0.7	0.0	130.1	0.4	0.0	286.4	4.0	0.9	0.0	0.0	0.0	10.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	10.0	1.0	1.0
3rd Party	0%	0%	0%	65%	87%	0%	23%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	4%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	18%	47%	0%	29%	10%	0%	17%	2%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	82%	53%	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%	5%	25%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	100%	100%	100%
Weather/Fire/Earthquake	0%	0%	0%	6%	3%	0%	51%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MIRAMAR(4.16KV) - Customers: 206	45.3	0.1	0.0	0.0	0.0	1.0	43.8	1.9	1.0	0.0	0.0	0.0	322.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	322.7	1.0	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	90%	53%	0%	0%	0%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	10%	47%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%

Reliability Histories for Individual Circuits Serving Santa Barbara District 1

	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
NIDEVER(2.4KV) - Customers: 115	72.1	2.0	1.0	16.8	1.0	5.0	446.7	2.2	0.0	0.0	0.0	0.0	20.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	1.0	0.0
3rd Party	17%	50%	100%	0%	0%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	100%	100%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	40%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Vegetation/Animal	83%	50%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
PIMIENTO(4.16KV) - Customers: 25	825.8	3.9	0.9	312.9	5.0	4.0	195.0	4.0	2.0	118.9	2.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	118.9	2.0	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	100%	100%	0%	70%	40%	25%	77%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	5%	20%	50%	23%	50%	0%	21%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	50%	0%
Other	0%	0%	0%	0%	0%	25%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	100%	24%	40%	0%	0%	0%	0%	79%	50%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	79%	50%	100%
PUESTA(4.16KV) - Customers: 1,087	3.3	0.0	0.0	33.0	0.3	0.8	127.7	3.3	0.0	20.7	0.1	0.0	10.0	1.0	0.0	150.4	0.2	1.0	0.0	0.0	0.0	181.0	1.3	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%	0%	0%	0%	17%	31%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	83%	19%	0%
Operation	0%	0%	0%	74%	30%	20%	22%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	26%	70%	80%	41%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	11%	30%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	0%	0%	0%	6%	76%	100%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	8%	30%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	6%	0%
RINCON(4.16KV) - Customers: 66	0.0	0.0	0.0	241.0	1.0	1.0	119.6	1.0	3.0	252.4	1.0	2.0	24.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276.4	2.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	33%	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%	100%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	9%	50%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	91%	50%	100%

Reliability Histories for Individual Circuits Serving Santa Barbara District 1

	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 YSIDRO(2.4KV) - Customers: 23	917.1	3.8	1.0	809.5	7.0	4.0	774.1	5.0	1.0	117.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0	2.0	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	100%	100%	0%	31%	29%	25%	94%	59%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	57%	29%	50%	6%	41%	0%	21%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	50%	0%
Other	0%	0%	0%	0%	0%	25%	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%	100%	12%	43%	0%	0%	0%	0%	79%	50%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	79%	50%	100%
SEACLIFF(16KV) - Customers: 1,186	52.6	0.2	0.6	313.4	1.0	2.3	62.8	0.3	3.2	348.6	1.3	1.7	49.3	1.1	0.0	22.1	0.1	0.1	2.9	0.0	0.0	422.9	2.5	1.8
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	10%	6%	45%	96%	85%	0%	7%	2%	31%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	1%	0%
Operation	40%	16%	0%	1%	7%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	93%	90%	0%	100%	100%	0%	6%	6%	0%
Other	43%	64%	41%	0%	0%	98%	21%	49%	7%	0%	0%	0%	99%	100%	0%	7%	10%	100%	0%	0%	0%	12%	43%	8%
Vegetation/Animal	6%	14%	14%	0%	0%	0%	43%	24%	62%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	4%	8%	2%	28%	23%	0%	97%	98%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	80%	50%	92%
SHEFFIELD(16KV) - Customers: 2,064	123.9	1.4	0.6	187.2	1.4	1.6	172.8	1.2	2.5	0.9	0.0	0.2	60.0	1.2	0.5	39.6	0.2	0.0	33.6	0.1	0.0	134.2	1.5	0.7
3rd Party	12%	4%	0%	0%	0%	0%	6%	9%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	55%	73%	79%	64%	59%	0%	34%	21%	25%	0%	0%	0%	0%	0%	0%	88%	68%	0%	0%	0%	0%	26%	7%	0%
Operation	1%	3%	0%	5%	3%	0%	0%	0%	0%	12%	40%	0%	0%	0%	0%	12%	32%	0%	0%	0%	0%	4%	4%	0%
Other	7%	3%	19%	0%	0%	64%	12%	10%	16%	0%	0%	0%	53%	82%	0%	0%	0%	0%	100%	97%	100%	49%	74%	1%
Vegetation/Animal	3%	2%	0%	0%	0%	0%	0%	0%	0%	88%	60%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	27%
Weather/Fire/Earthquake	22%	14%	2%	31%	38%	36%	47%	60%	52%	0%	0%	0%	47%	18%	100%	0%	0%	0%	0%	3%	0%	21%	15%	72%
STANWOOD(16KV) - Customers: 1,443	104.8	0.8	4.2	301.0	1.9	4.0	172.5	2.2	0.9	20.6	0.1	0.2	145.1	2.1	0.0	0.0	0.0	0.0	23.1	0.1	0.0	188.8	2.2	0.3
3rd Party	9%	2%	24%	0%	0%	0%	1%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%
Equipment Failure	8%	3%	0%	14%	52%	25%	67%	43%	33%	41%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
Operation	11%	7%	17%	2%	1%	0%	10%	52%	0%	1%	12%	0%	0%	0%	0%	0%	0%	0%	17%	27%	0%	2%	2%	0%
Other	35%	9%	26%	7%	4%	75%	12%	3%	27%	58%	48%	50%	8%	4%	0%	0%	0%	0%	83%	73%	0%	23%	9%	45%
Vegetation/Animal	1%	1%	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	36%	78%	33%	77%	44%	0%	10%	3%	40%	0%	0%	0%	92%	96%	100%	0%	0%	0%	0%	0%	0%	71%	88%	11%

Reliability Histories for Individual Circuits Serving Santa Barbara District 1

	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
SWIFT(4.16KV) - Customers: 241	143.0	1.1	0.0	486.9	2.6	1.5	414.2	2.9	3.2	21.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	433.2	1.0	0.0	454.5	1.0	1.0
3rd Party	88%	94%	0%	37%	20%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	12%	6%	0%	60%	79%	67%	84%	28%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	3%	1%	0%	13%	71%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	95%	98%	0%
Other	0%	0%	0%	0%	0%	0%	3%	1%	40%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	2%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
TATANKA(4.16KV) - Customers: 219	475.2	5.6	2.0	1076.0	6.6	23.2	652.3	4.5	3.2	75.4	1.0	2.5	101.2	2.0	1.2	0.0	0.0	0.0	0.0	0.0	1.7	176.6	3.0	5.5
3rd Party	3%	18%	50%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	80%	0%	0%	0%	0%	0%	0%	0%	0%	18%
Equipment Failure	0%	0%	0%	50%	34%	5%	0%	0%	0%	100%	100%	0%	79%	50%	0%	0%	0%	0%	0%	0%	0%	88%	67%	0%
Operation	85%	64%	0%	2%	15%	0%	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	30%	44%	77%	15%	16%	23%	0%	0%	60%	21%	50%	20%	0%	0%	0%	0%	0%	0%	12%	33%	32%
Vegetation/Animal	13%	18%	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%	18%	7%	10%	85%	84%	46%	0%	0%	40%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
TREMAINE(4.16KV) - Customers: 288	219.8	2.7	1.8	261.1	2.3	1.4	279.8	3.2	1.1	83.1	1.7	0.0	0.0	0.0	1.0	132.5	1.4	0.0	0.0	0.0	0.0	215.7	3.1	1.0
3rd Party	0%	0%	0%	0%	0%	0%	63%	20%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	90%	87%	100%	58%	47%	72%	11%	4%	0%	0%	0%	0%	0%	0%	0%	7%	31%	0%	0%	0%	0%	4%	14%	0%
Operation	9%	12%	0%	0%	1%	0%	26%	76%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	1%	0%
Other	0%	0%	0%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	1%	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%	38%	49%	28%	0%	0%	0%	100%	100%	0%	0%	0%	100%	93%	68%	0%	0%	0%	0%	95%	85%	100%
VALLECITO(16KV) - Customers: 3,912	332.9	2.5	2.0	29.4	0.9	5.0	102.2	0.9	1.0	20.0	0.2	0.6	33.9	1.3	1.2	1.3	0.0	0.0	7.8	0.0	1.0	62.8	1.5	2.8
3rd Party	80%	55%	50%	3%	0%	40%	0%	0%	0%	0%	0%	0%	1%	0%	81%	0%	0%	0%	0%	0%	0%	1%	0%	35%
Equipment Failure	4%	1%	0%	7%	1%	0%	64%	26%	1%	73%	89%	54%	43%	22%	19%	100%	100%	0%	5%	2%	0%	49%	30%	20%
Operation	8%	25%	0%	50%	93%	20%	4%	4%	29%	27%	11%	0%	0%	0%	0%	0%	0%	0%	51%	48%	0%	15%	2%	0%
Other	5%	7%	0%	0%	0%	40%	0%	0%	0%	0%	0%	0%	56%	78%	0%	0%	0%	0%	42%	49%	0%	35%	68%	0%
Vegetation/Animal	3%	13%	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%	39%	6%	0%	32%	69%	70%	0%	0%	46%	0%	0%	0%	0%	0%	0%	2%	1%	100%	0%	0%	45%