



Circuit Reliability Review

Riverside District 4

January 2017

Providing Safe, Reliable, and Affordable Power

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

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

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

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

Understanding Your Reliability Report

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

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

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

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

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

Reliability Metrics

MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

MAIFI:

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

SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

SAIFI:

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

SAIDI:

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

Cities in the Ontario, Foothill, Menifee, Redlands Districts

Anaheim

Banning

Beaumont

Bloomington

Box Springs Mountain

Calimesa

Cherry Valley

Chino

Chino Hills

Colton

Corona

East Hemet

Eastvale

El Cerrito

Fontana

Glen Avon

Good Hope

Grand Terrace

Hemet

Highgrove

Highland

Home Gardens

Homeland

Idyllwild-Pine Cove

Juniper Flats

Jurupa Valley

Lakeview

Loma Linda

March Afb

Meadowbrook

Menifee

Mentone

Mira Loma

Montclair

Moreno Valley

Mountain Center

Muscoy

Norco

Nuevo

Ontario

Pedley

Perris

Rancho Cucamonga

Redlands

Rialto

Riverside

Rubidoux

San Antonio Heights

San Bernardino

San Jacinto

Sunnyslope

Reliability by SCE District (No Exclusions)

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

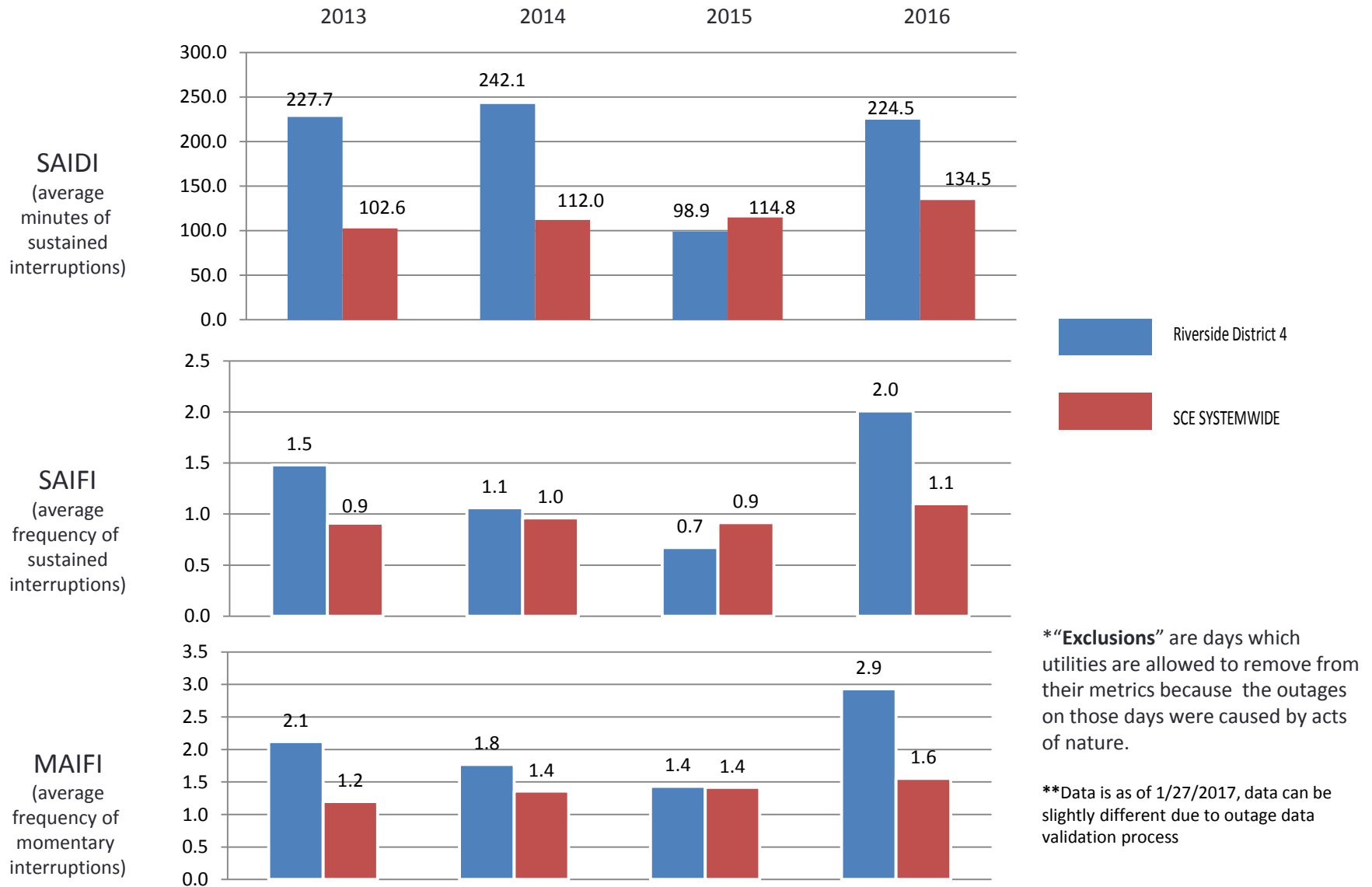
**In the columns showing "Rank," lower numbers indicate poorer performance.

Overview of Riverside District 4

There are 46 circuits that serve Riverside District 4

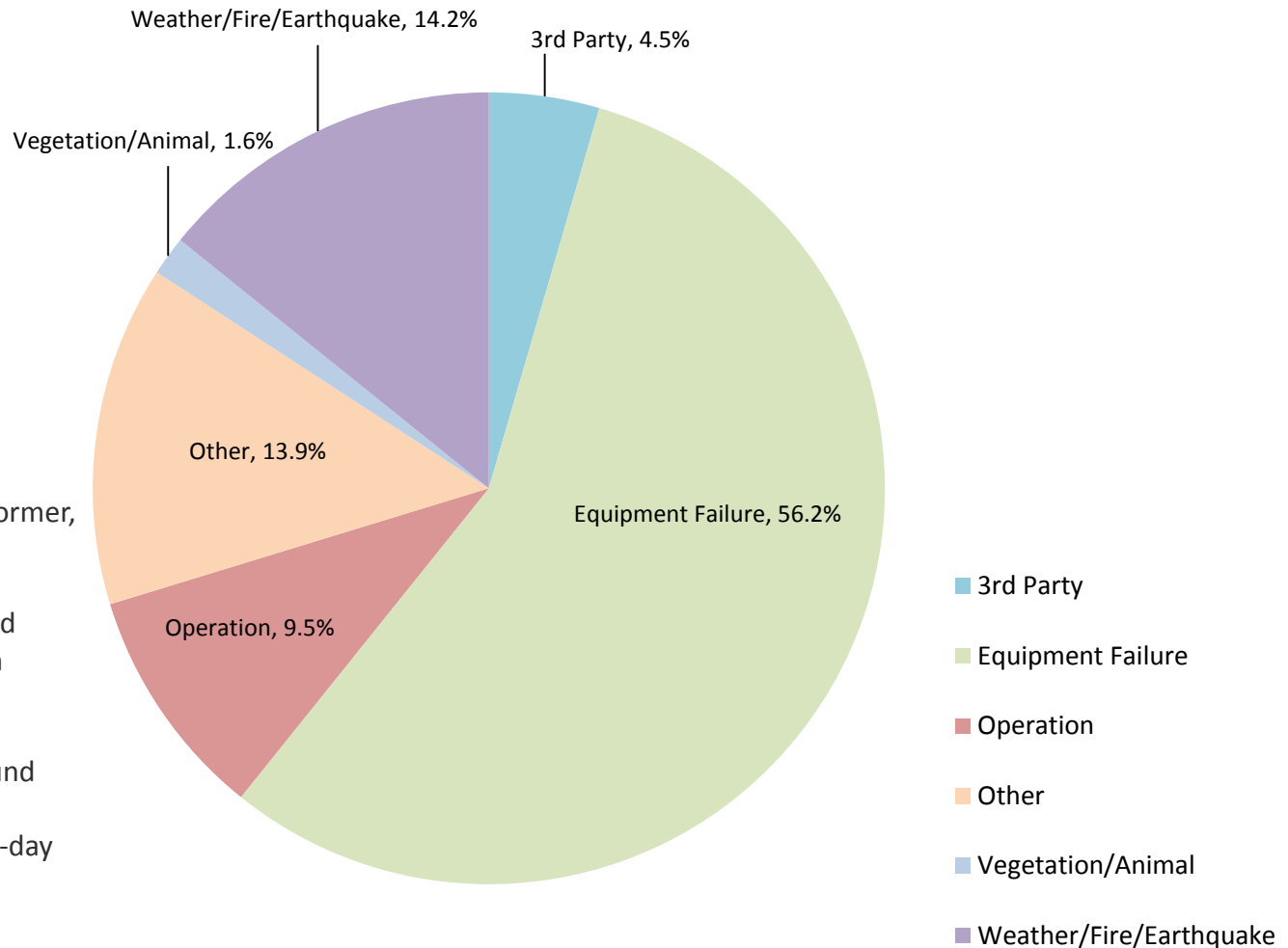
Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
AGAVE(12KV)	461	ONION(12KV)	1,431				
AHA(12KV)	596	PIERSON(33KV)	6				
AVENTURA(12KV)	1,882	REIN(12KV)	1,046				
BIT(12KV)	1,221	RIVER BEND(12KV)	562				
BLEND(12KV)	2,265	RIVERVIEW(12KV)	25				
BOGEY(12KV)	260	ROVER(12KV)	1,712				
CAFE(12KV)	2,003	SAN RAFAEL(12KV)	1,212				
CANTINA(12KV)	1,568	SERAPE(12KV)	931				
CARRIAGE(12KV)	1,207	SKYBORNE(12KV)	220				
CHANSLOR(33KV)	3	TABERNA(12KV)	1,872				
CHUCKAWALLA(12KV)	244	TOLL(4.16KV)	56				
COACHELLA(33KV)	2	TOWNHALL(33KV)	8				
COVE(12KV)	335	UTAH(12KV)	772				
CROSSING(12KV)	64	WATERWHEEL(12KV)	174				
DATE(12KV)	529	WEDGE(12KV)	451				
DEL JUAN(12KV)	330	WINTERS(12KV)	19				
DESERT CENTER(12KV)	110						
EIGHTEENTH(12KV)	182						
ESPRESSO(12KV)	2,071						
GRANDE(12KV)	1,425						
HOWBUCK(12KV)	137						
INVADER(12KV)	692						
KONA(12KV)	1,442						
KRATKA(12KV)	226						
LEAK(12KV)	399						
LETTUCE(12KV)	384						
LIFT(12KV)	4						
MAXIM(12KV)	2,176						
MC COY(33KV)	2						
MELON(12KV)	1,418						
Grand Total	34,135						

Reliability History of Circuits Serving Riverside District 4 (No Exclusions)



Causes of Repair Outages in Riverside District 4 Circuits 2016 YTD

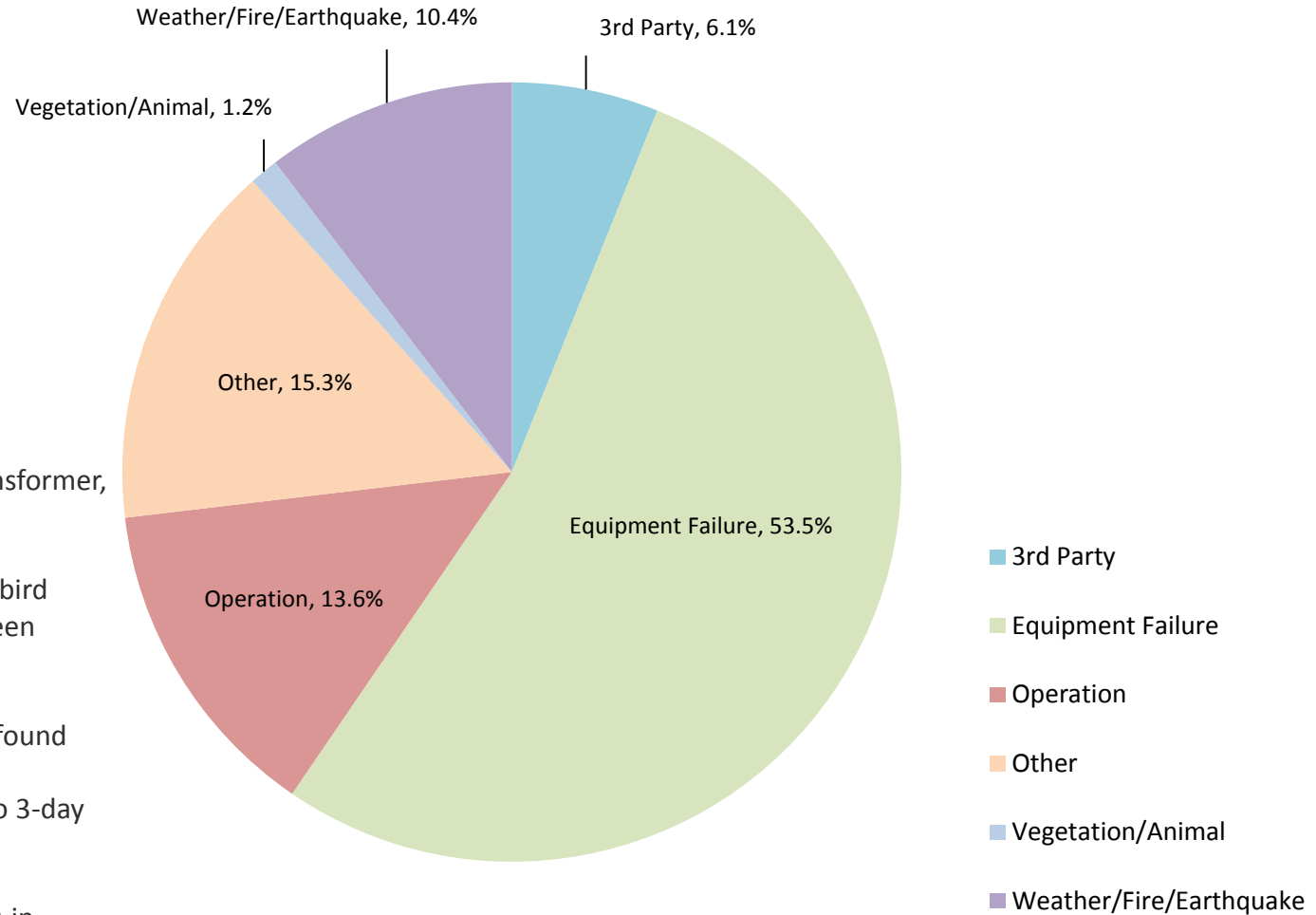
Contributions to SAIDI by Outage Cause



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

Causes of Repair Outages in Riverside District 4 Circuits 2016 YTD

Contributions to SAIFI by Outage Cause



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



Back-up Slides

Reliability Histories of Circuits Serving Riverside District 4

Updated through Year-End 2016

Average Reliability of 46 Circuits Serving Riverside District 4

	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
Riverside District 4	227.7	1.5	2.1	242.1	1.1	1.8	98.9	0.7	1.4	82.2	0.7	0.9	32.9	0.3	0.3	48.9	0.6	0.7	60.6	0.5	1.1	224.5	2.0	2.9
3rd Party	16%	16%	4%	10%	8%	15%	22%	33%	14%	0%	0%	8%	14%	25%	22%	10%	8%	10%	1%	2%	2%	5%	6%	8%
Equipment Failure	17%	15%	24%	21%	27%	18%	58%	45%	27%	56%	58%	35%	75%	56%	3%	62%	69%	17%	41%	27%	13%	56%	54%	20%
Operation	6%	14%	4%	11%	19%	2%	11%	8%	2%	11%	14%	0%	6%	10%	21%	6%	9%	2%	12%	20%	2%	10%	14%	3%
Other	39%	38%	44%	44%	26%	49%	4%	7%	36%	27%	17%	25%	5%	8%	54%	9%	3%	38%	5%	31%	68%	14%	15%	47%
Vegetation/Animal	7%	3%	7%	0%	0%	6%	0%	0%	11%	0%	0%	0%	1%	0%	0%	0%	0%	8%	5%	5%	2%	2%	1%	2%
Weather/Fire/Earthquake	15%	15%	16%	15%	20%	10%	5%	7%	9%	6%	11%	32%	0%	0%	0%	12%	11%	24%	35%	15%	13%	14%	10%	20%
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 Riverside District 4

	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
AGAVE(12KV) - Customers: 461	97.3	1.1	0.0	0.0	0.0	0.0	44.5	0.3	0.0	0.0	0.0	0.0	86.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.4	0.4	0.0
3rd Party	28%	8%	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%	54%	52%	0%	0%	0%	0%	79%	63%	0%	0%	0%	0%	0%	0%	0%	79%	63%	0%
Operation	72%	92%	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%	46%	48%	0%	0%	0%	0%	21%	37%	0%	0%	0%	0%	0%	0%	0%	21%	37%	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%
AHA(12KV) - Customers: 596	1161.1	2.0	4.0	3933.5	2.3	4.0	593.4	1.1	0.0	0.0	0.0	1.0	522.8	1.4	2.0	24.0	1.0	2.0	153.0	1.0	4.0	699.8	3.4	9.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
Equipment Failure	0%	0%	0%	1%	1%	0%	92%	87%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	75%	42%	0%
Operation	0%	1%	0%	1%	6%	0%	8%	13%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	25%	58%	0%
Other	100%	99%	75%	98%	93%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	89%
Vegetation/Animal	0%	0%	25%	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%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AVENTURA(12KV) - Customers: 1,882	134.0	2.1	0.0	11.7	1.0	3.5	17.6	1.0	3.0	204.5	1.0	0.0	1.5	0.0	0.0	70.4	2.0	1.5	309.8	2.0	3.2	586.2	4.9	4.7
3rd Party	1%	0%	0%	0%	0%	0%	96%	100%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	73%	48%	0%	23%	0%	0%	4%	0%	67%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	10%	65%	80%	7%
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	22%	48%	0%	77%	100%	71%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	33%	0%	0%	60%	35%	20%	52%
Vegetation/Animal	0%	0%	0%	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	21%
Weather/Fire/Earthquake	4%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	21%
BIT(12KV) - Customers: 1,221	43.7	0.3	0.0	126.0	1.9	0.9	1.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	324.2	3.4	3.0	5.4	0.0	0.0	329.6	3.4	3.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	39%	30%	64%	0%	0%	0%	39%	30%	64%
Equipment Failure	20%	17%	0%	80%	86%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	61%	70%	36%	96%	50%	0%	61%	70%	36%
Operation	80%	83%	0%	20%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	50%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	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%

Reliability Histories for Individual Circuits Serving Riverside District 4

	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
BLEND(12KV) - Customers: 2,265	167.2	1.6	0.0	86.5	1.1	0.2	1.9	0.3	1.0	2.7	0.0	0.0	11.8	0.0	0.0	6.4	0.0	0.0	7.9	0.0	0.2	28.8	0.1	0.2
3rd Party	0%	0%	0%	0%	0%	0%	88%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	5%	2%	0%	0%	0%	0%	11%	0%	0%	97%	58%	0%	46%	24%	0%	0%	0%	0%	50%	18%	0%	41%	18%	0%
Operation	3%	15%	0%	51%	91%	0%	1%	1%	1%	3%	42%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	23%	37%	0%
Other	92%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	54%	76%	0%	0%	0%	0%	0%	0%	100%	22%	28%	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%	49%	9%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	82%	0%	14%	17%	0%
BOGEY(12KV) - Customers: 260	398.7	1.2	13.0	879.8	5.2	0.0	30.6	0.2	1.0	81.5	1.0	1.0	0.0	0.0	0.0	291.2	2.0	3.0	171.2	2.0	1.9	543.9	5.0	6.0
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	3%	1%	38%	29%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	51%	67%	0%	0%	0%	8%	20%	34%
Operation	7%	14%	0%	0%	0%	0%	69%	78%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	39%	49%	0%	27%	40%	0%
Other	0%	0%	31%	10%	19%	0%	31%	22%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	6%	2%	50%	2%	1%	33%
Vegetation/Animal	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	90%	86%	23%	62%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	86%	49%	33%	55%	49%	50%	63%	39%	33%
CAFE(12KV) - Customers: 2,003	369.3	2.5	0.0	17.1	0.0	1.4	314.5	1.9	1.7	262.7	3.7	8.0	34.3	0.9	0.0	0.0	0.0	0.0	3.6	0.0	1.0	300.6	4.6	9.0
3rd Party	0%	0%	0%	0%	0%	71%	99%	99%	52%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
Equipment Failure	53%	42%	0%	1%	1%	0%	0%	0%	0%	79%	73%	0%	100%	100%	0%	0%	0%	0%	78%	97%	0%	81%	78%	0%
Operation	1%	1%	0%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	9%	41%	0%	0%	0%	29%	1%	1%	48%	0%	0%	25%	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%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	37%	17%	0%	0%	0%	0%	0%	0%	0%	21%	27%	62%	0%	0%	0%	0%	0%	0%	22%	3%	0%	19%	22%	56%
CANTINA(12KV) - Customers: 1,568	50.4	0.3	6.5	44.4	0.3	2.0	8.9	0.0	1.0	4.8	0.0	0.0	1.7	0.0	0.0	201.3	2.1	0.4	0.0	0.0	0.0	207.8	2.1	0.4
3rd Party	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	63%	18%	21%	72%	76%	80%	88%	57%	2%	0%	0%	0%	0%	0%	0%	99%	98%	100%	0%	0%	0%	96%	96%	100%
Operation	37%	82%	0%	28%	24%	0%	12%	43%	0%	100%	100%	0%	100%	100%	0%	1%	2%	0%	0%	0%	0%	4%	4%	0%
Other	0%	0%	18%	0%	0%	20%	0%	0%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	15%	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%	30%	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 Riverside District 4

	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
CARRIAGE(12KV) - Customers: 1,207	31.9	0.1	1.2	155.2	1.4	1.3	116.4	0.6	2.0	8.2	0.0	0.0	54.2	0.5	1.7	5.2	0.0	0.0	19.8	0.1	0.0	87.4	0.7	1.7
3rd Party	0%	0%	0%	93%	72%	24%	0%	0%	0%	0%	0%	0%	47%	60%	100%	0%	0%	0%	0%	0%	0%	29%	43%	99%
Equipment Failure	70%	40%	0%	0%	0%	0%	14%	14%	0%	99%	86%	0%	44%	17%	0%	82%	69%	100%	100%	100%	0%	64%	38%	1%
Operation	15%	33%	0%	7%	28%	0%	86%	86%	0%	1%	14%	0%	9%	23%	0%	18%	31%	0%	0%	0%	0%	7%	19%	0%
Other	14%	26%	9%	0%	0%	76%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	91%	0%	0%	0%	0%	0%	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%
CHANSOLOR(33KV) - Customers: 3	1426.3	1.0	4.0	444.0	2.0	4.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	0.0	0.0	1106.7	1.7	4.0	8.0	1.0	1.0	1114.7	2.7	8.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	60%	0%	0%	0%	0%	90%	38%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	25%
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	100%	100%	50%	56%	50%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	50%	100%	100%	100%	1%	38%	75%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	40%	0%	0%	0%	0%	10%	25%	0%
Weather/Fire/Earthquake	0%	0%	50%	44%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CHUCKAWALLA(12KV) - Customers: 24	3511.8	4.3	5.0	0.0	0.0	0.0	472.4	1.0	1.1	1.5	0.0	1.0	62.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.9	0.4	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	20%	75%	80%	0%	0%	0%	99%	98%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	79%	23%	20%	0%	0%	0%	0%	1%	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%	1%	0%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
COACHELLA(33KV) - Customers: 2	315.0	3.0	1.0	0.0	0.0	0.5	0.0	0.0	1.0	0.0	0.0	0.5	10.2	1.0	1.0	15.0	1.0	0.0	0.0	0.0	0.0	25.2	2.0	1.5
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	25%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	41%	50%	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	10%	33%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	59%	50%	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	65%	33%	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 Riverside District 4

	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
COVE(12KV) - Customers: 335	1500.2	7.3	5.7	856.4	7.0	22.8	296.4	1.7	14.8	607.4	4.2	16.0	84.4	0.1	1.0	493.3	4.0	2.0	191.0	3.3	4.7	1376.1	11.7	23.8
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	30%	0%	1%	8%	0%
Equipment Failure	26%	51%	31%	55%	62%	9%	92%	35%	20%	53%	51%	87%	100%	100%	0%	2%	0%	0%	25%	4%	19%	33%	21%	63%
Operation	0%	0%	0%	5%	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	49%	0%	4%	4%	0%	11%	18%	0%
Other	6%	28%	51%	36%	35%	87%	8%	65%	67%	39%	24%	13%	0%	0%	100%	48%	26%	50%	34%	60%	42%	39%	34%	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	68%	22%	17%	4%	1%	0%	0%	0%	13%	8%	25%	0%	0%	0%	0%	20%	25%	50%	27%	3%	40%	15%	18%	12%
CROSSING(12KV) - Customers: 64	2398.2	9.2	1.0	963.3	2.0	1.0	152.2	1.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	18.8	0.0	4.0	0.0	0.0	0.0	18.8	0.0	4.0
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	15%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	25%	0%	0%	0%	100%	100%	25%
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	85%	77%	100%	8%	49%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	75%	0%	0%	0%	0%	0%	75%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	92%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DATE(12KV) - Customers: 529	287.6	1.3	12.1	310.2	1.4	4.1	126.8	0.3	1.1	1.5	0.0	1.0	31.2	1.0	0.0	31.3	0.1	2.8	126.3	2.1	2.2	190.3	3.2	6.0
3rd Party	3%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	2%	4%	14%	1%	2%
Equipment Failure	0%	1%	41%	88%	75%	49%	0%	0%	0%	40%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	5%	13%	0%	11%	25%	0%	53%	52%	0%	60%	83%	0%	100%	100%	0%	0%	0%	0%	5%	48%	0%	20%	63%	0%
Other	0%	0%	59%	0%	0%	27%	0%	0%	9%	0%	0%	100%	0%	0%	0%	0%	0%	68%	74%	50%	96%	49%	32%	83%
Vegetation/Animal	91%	78%	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%	24%	47%	48%	91%	0%	0%	0%	0%	0%	0%	100%	100%	32%	0%	0%	0%	16%	3%	15%
DEL JUAN(12KV) - Customers: 330	789.2	2.0	1.0	696.3	1.2	5.0	8.2	0.0	1.0	0.0	0.0	0.0	396.3	1.0	0.0	0.0	0.0	1.0	510.2	1.0	3.0	906.4	2.0	4.0
3rd Party	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	1%	0%	95%	84%	0%	23%	14%	0%	0%	0%	0%	99%	97%	0%	0%	0%	0%	0%	0%	0%	43%	49%	0%
Operation	0%	0%	0%	4%	14%	0%	14%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	0%
Other	4%	49%	0%	0%	0%	40%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	95%	49%	100%	1%	3%	0%	63%	57%	0%	0%	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	98%	0%	56%	49%	0%

Reliability Histories for Individual Circuits Serving Riverside District 4

	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
DESERT CENTER(12KV) - Customers: 11	2854.1	1.0	2.0	717.0	1.7	7.0	121.2	1.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	35.1	0.0	1.0	0.0	0.0	0.0	35.1	0.0	1.0
3rd Party	0%	1%	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%	40%	41%	15%	6%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	6%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	99%	100%	60%	59%	29%	0%	0%	76%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	2%	1%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	57%	86%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
EIGHTEENTH(12KV) - Customers: 182	392.0	2.7	15.2	753.0	4.0	4.1	138.5	1.3	5.0	73.7	1.0	2.3	55.3	1.2	0.0	135.3	2.0	2.0	214.7	2.0	3.3	478.9	6.2	7.6
3rd Party	0%	0%	2%	0%	0%	0%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	33%	1%	0%	0%	14%	78%	40%	0%	0%	0%	0%	0%	0%	76%	50%	50%	11%	2%	30%	26%	17%	26%
Operation	2%	5%	1%	0%	0%	0%	82%	21%	20%	100%	100%	0%	60%	15%	0%	0%	0%	0%	31%	49%	0%	36%	35%	0%
Other	32%	42%	35%	0%	0%	100%	0%	0%	39%	0%	0%	85%	40%	85%	0%	0%	0%	0%	0%	0%	40%	5%	16%	43%
Vegetation/Animal	1%	1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	65%	52%	22%	99%	100%	0%	0%	0%	0%	0%	0%	15%	0%	0%	0%	24%	50%	50%	58%	49%	30%	33%	32%	31%
ESPRESSO(12KV) - Customers: 2,071	33.1	1.0	0.0	8.1	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	64.0	1.0	2.0	91.7	1.0	0.3	0.0	0.0	0.0	155.7	2.0	2.2
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	94%	99%	0%	0%	0%	0%	0%	0%	0%	39%	49%	0%
Equipment Failure	6%	1%	0%	98%	96%	0%	20%	17%	0%	0%	0%	0%	3%	0%	0%	100%	100%	0%	0%	0%	0%	60%	51%	0%
Operation	0%	0%	0%	2%	4%	0%	80%	83%	0%	0%	0%	0%	3%	0%	50%	0%	0%	100%	0%	0%	0%	1%	0%	56%
Other	91%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	44%
Vegetation/Animal	4%	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	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GRANDE(12KV) - Customers: 1,425	0.0	0.0	0.0	10.1	0.1	1.0	206.6	1.2	3.0	104.1	2.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104.1	2.2	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%	0%	0%	100%	99%	99%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
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	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 Riverside District 4

	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
HOWBUCK(12KV) - Customers: 137	212.6	2.0	14.0	1696.8	6.0	1.0	466.5	1.0	3.0	75.3	1.0	2.0	156.6	1.0	0.0	139.0	2.0	2.0	1397.2	2.4	3.6	1768.2	6.4	7.6
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%	36%	1%	0%	0%	100%	100%	34%	0%	0%	0%	0%	0%	0%	77%	50%	50%	14%	17%	44%	17%	22%	34%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	33%	100%	100%	0%	0%	0%	0%	0%	0%	0%	5%	42%	0%	8%	31%	0%
Other	0%	0%	36%	14%	17%	100%	0%	0%	33%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	28%	9%	16%	40%
Vegetation/Animal	0%	0%	7%	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%	21%	85%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	50%	50%	82%	42%	28%	66%	31%	26%
INVADER(12KV) - Customers: 692	157.3	3.3	0.0	82.3	1.5	1.0	289.2	3.7	2.0	4.8	0.0	0.0	95.6	0.2	0.0	0.0	0.0	0.0	1.7	0.0	1.0	102.0	0.2	1.0
3rd Party	0%	0%	0%	0%	0%	100%	3%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	74%	33%	100%	1%	1%	100%
Equipment Failure	33%	13%	0%	24%	9%	0%	92%	39%	100%	100%	100%	0%	98%	92%	0%	0%	0%	0%	26%	67%	0%	97%	92%	0%
Operation	41%	56%	0%	18%	70%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%
Other	25%	31%	0%	57%	21%	0%	4%	33%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%
Vegetation/Animal	2%	0%	0%	1%	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%
KONA(12KV) - Customers: 1,442	147.8	3.4	3.0	549.4	1.3	2.0	7.2	0.0	1.4	417.0	1.3	0.0	13.5	0.0	0.0	0.0	0.0	0.0	114.1	0.4	1.0	544.7	1.7	1.0
3rd Party	0%	0%	0%	63%	65%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	13%	1%	0%	36%	26%	0%	42%	7%	0%	62%	21%	0%	98%	94%	0%	0%	0%	0%	0%	1%	0%	50%	18%	0%
Operation	13%	9%	0%	0%	9%	0%	54%	91%	29%	0%	0%	0%	2%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	20%	30%	67%	0%	0%	50%	0%	0%	0%	38%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	29%	59%	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	53%	60%	33%	0%	0%	0%	4%	2%	71%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	99%	0%	21%	23%	0%
KRATKA(12KV) - Customers: 226	624.8	3.1	14.3	550.0	4.1	4.4	160.6	1.2	3.9	211.0	2.0	2.0	21.9	1.0	0.0	219.6	3.0	2.0	196.5	2.0	2.1	649.0	8.0	6.2
3rd Party	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	37%	33%	0%	0%	0%	0%	12%	12%	0%
Equipment Failure	0%	0%	35%	9%	1%	0%	95%	98%	49%	0%	0%	0%	0%	0%	0%	46%	33%	49%	0%	0%	0%	15%	12%	16%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	25%	36%	50%	0%	0%	0%	0%	0%	0%	0%	35%	50%	0%	22%	25%	0%
Other	83%	68%	37%	3%	1%	55%	4%	1%	25%	0%	0%	100%	100%	100%	0%	3%	1%	4%	2%	0%	53%	5%	13%	52%
Vegetation/Animal	0%	0%	7%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	17%	32%	21%	86%	97%	45%	0%	0%	0%	64%	50%	0%	0%	0%	0%	15%	33%	48%	63%	50%	47%	45%	37%	32%

Reliability Histories for Individual Circuits Serving Riverside District 4

	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
LEAK(12KV) - Customers: 399	77.3	0.2	2.2	350.4	2.0	1.0	635.7	2.0	0.8	0.0	0.0	0.0	0.0	0.0	1.6	1.8	0.0	0.2	6.6	0.0	0.3	8.4	0.0	2.1
3rd Party	88%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	1%	0%	56%	50%	0%	97%	98%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	22%	8%	0%
Operation	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	78%	92%	0%
Other	0%	0%	47%	44%	50%	100%	3%	2%	100%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	10%	5%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LETTUCE(12KV) - Customers: 384	453.7	0.9	0.9	48.7	0.2	6.9	20.7	0.1	1.0	26.5	0.0	0.0	25.5	1.0	0.0	0.2	0.0	2.0	405.1	3.1	4.0	457.4	4.1	6.0
3rd Party	0%	0%	0%	17%	46%	28%	0%	0%	0%	1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	74%	69%	100%	69%	43%	29%	0%	0%	0%	99%	93%	0%	97%	100%	0%	100%	100%	0%	30%	32%	0%	38%	49%	0%
Operation	26%	31%	0%	14%	11%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	9%	3%	0%	8%	2%	0%
Other	0%	0%	0%	0%	0%	43%	14%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	2%	33%	25%	2%	24%	33%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	86%	54%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	59%	32%	75%	53%	24%	67%
LIFT(12KV) - Customers: 4	925.6	1.6	3.4	2715.0	3.0	3.0	548.0	1.0	0.0	0.0	0.0	254.2	5.1	2.0	0.0	0.0	0.0	1.0	107.8	1.0	4.1	362.0	6.1	7.1
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%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	70%	83%	0%
Operation	0%	0%	0%	3%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	30%	17%	0%
Other	100%	100%	71%	97%	67%	33%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MAXIM(12KV) - Customers: 2,176	518.0	4.0	3.2	279.0	1.5	1.0	115.4	1.6	0.5	68.8	0.3	1.0	1.9	0.0	0.0	6.1	0.0	0.2	2.2	0.0	2.3	79.0	0.4	3.5
3rd Party	82%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	2%	0%	0%	5%	2%	0%	45%	62%	0%	69%	49%	100%	21%	12%	0%	86%	60%	0%	32%	57%	43%	68%	49%	57%
Operation	6%	27%	0%	69%	33%	0%	4%	1%	0%	0%	1%	0%	8%	32%	0%	14%	40%	0%	68%	43%	0%	4%	6%	0%
Other	10%	27%	100%	25%	65%	100%	10%	1%	0%	30%	51%	0%	72%	56%	0%	0%	0%	100%	0%	0%	57%	28%	46%	43%
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%	41%	36%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Riverside District 4

	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
MC COY(33KV) - Customers: 2	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	0.0	0.0	0.0	0.0	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	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%
MELON(12KV) - Customers: 1,418	72.3	1.1	0.0	202.0	1.1	2.0	0.6	0.0	0.0	0.0	0.0	0.0	48.6	0.1	0.0	6.7	0.0	2.0	9.3	1.0	1.0	64.6	1.1	3.0
3rd Party	78%	94%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	3%	0%	2%	3%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	89%	52%	0%	0%	0%	0%	0%	0%	0%	67%	4%	0%
Operation	12%	4%	0%	7%	7%	0%	100%	100%	0%	0%	0%	0%	11%	48%	0%	100%	100%	0%	0%	0%	0%	19%	7%	0%
Other	10%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	85%	97%	100%	12%	86%	67%
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%	93%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	33%
ONION(12KV) - Customers: 1,431	71.1	0.1	2.0	34.8	1.0	1.0	55.1	0.2	1.0	109.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	102.6	1.2	1.9	212.1	2.3	2.9
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	25%	16%	50%	1%	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	79%	8%	0%	38%	4%	0%
Operation	75%	84%	50%	10%	1%	0%	85%	66%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	14%	8%	0%	58%	53%	0%
Other	0%	0%	0%	0%	0%	100%	14%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	84%	100%	4%	43%	66%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	89%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	34%
PIERSON(33KV) - Customers: 6	1573.7	3.0	0.6	542.6	1.7	4.0	1144.1	1.3	7.3	148.9	1.2	1.5	826.5	1.0	1.0	949.2	2.5	0.5	1569.0	1.0	1.0	3493.6	5.7	4.0
3rd Party	74%	33%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	24%	33%	0%	11%	17%	0%	80%	75%	4%	0%	0%	0%	100%	100%	50%	100%	100%	100%	46%	50%	0%	71%	71%	25%
Operation	0%	0%	50%	89%	83%	54%	20%	25%	89%	81%	43%	100%	0%	0%	50%	0%	0%	0%	0%	0%	50%	3%	9%	63%
Other	2%	33%	50%	0%	0%	46%	0%	0%	0%	19%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	1%	12%	13%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	54%	50%	0%	24%	9%	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 Riverside District 4

	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
REIN(12KV) - Customers: 1,046	32.7	0.1	0.0	44.1	0.3	1.0	20.8	0.2	2.0	0.0	0.0	0.0	0.2	0.0	0.0	48.0	0.3	0.0	0.0	0.0	0.0	48.2	0.3	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	27%	50%	0%	93%	93%	100%	50%	18%	1%	0%	0%	0%	100%	100%	0%	81%	14%	0%	0%	0%	0%	81%	14%	0%
Operation	73%	50%	0%	7%	7%	0%	50%	82%	0%	0%	0%	0%	0%	0%	0%	19%	86%	0%	0%	0%	0%	19%	86%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	49%	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%	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%
RIVER BEND(12KV) - Customers: 562	302.3	1.6	10.2	104.2	1.3	8.4	41.5	0.2	1.0	3.8	0.0	1.0	1.0	0.0	1.0	6.1	0.0	3.0	23.1	2.0	4.0	34.0	2.0	9.0
3rd Party	0%	0%	0%	4%	47%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	8%	38%	31%	34%	34%	0%	9%	2%	0%	0%	0%	0%	100%	100%	0%	47%	20%	0%	0%	0%	0%	11%	0%	0%
Operation	0%	0%	0%	59%	18%	0%	71%	92%	0%	100%	100%	0%	0%	0%	0%	34%	60%	0%	66%	50%	0%	62%	51%	0%
Other	0%	0%	69%	4%	2%	24%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	67%	34%	50%	75%	23%	49%	78%
Vegetation/Animal	92%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	20%	0%	0%	0%	25%	3%	0%	11%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	24%	20%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	11%
RIVERVIEW(12KV) - Customers: 25	317.5	2.0	3.0	0.0	0.0	2.0	12.1	0.1	0.0	0.0	0.0	0.0	285.7	0.6	0.0	0.0	0.0	1.0	74.5	0.0	4.0	360.2	0.6	5.0
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%	100%	100%	0%	0%	0%	0%	100%	100%	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	100%	100%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	33%	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%
ROVER(12KV) - Customers: 1,712	51.4	0.2	0.0	4.5	0.0	0.9	49.1	0.2	0.0	54.3	1.1	0.0	0.4	0.0	0.0	51.7	0.1	0.0	1.4	0.0	0.0	107.8	1.2	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	80%	60%	0%	3%	6%	0%	74%	50%	100%	87%	93%	0%	100%	100%	0%	29%	33%	0%	100%	100%	0%	59%	89%	0%
Operation	20%	40%	0%	0%	0%	100%	26%	50%	0%	13%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	71%	67%	0%	0%	0%	0%	34%	4%	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%	97%	94%	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 Riverside District 4

	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 RAFAEL(12KV) - Customers: 1,212	34.6	1.0	1.0	71.2	1.9	2.0	168.5	1.8	3.0	4.9	0.0	0.0	3.3	0.0	0.0	0.1	0.0	0.0	1.3	0.0	0.9	9.6	0.0	0.9
3rd Party	0%	0%	0%	1%	1%	0%	57%	40%	33%	0%	0%	0%	34%	7%	0%	0%	0%	0%	0%	0%	0%	12%	5%	0%
Equipment Failure	0%	0%	0%	43%	46%	50%	38%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Operation	8%	3%	100%	0%	0%	0%	4%	2%	0%	0%	0%	0%	66%	93%	0%	100%	100%	0%	0%	0%	0%	24%	63%	0%
Other	92%	97%	0%	57%	53%	50%	1%	1%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	51%	27%	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%	14%	5%	0%
SERAPE(12KV) - Customers: 931	41.4	0.3	0.0	0.0	0.0	1.0	8.4	0.1	0.0	30.5	0.2	0.0	15.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	46.1	0.3	0.1
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	38%	9%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	89%	96%	100%	0%	0%	0%	0%	0%	0%	30%	47%	100%
Operation	62%	91%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	11%	4%	0%	0%	0%	0%	0%	0%	0%	70%	53%	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%
SKYBORNE(12KV) - Customers: 220	33.6	1.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	9.9	1.0	1.0	15.1	1.0	0.0	0.0	0.0	0.0	25.0	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	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	40%	50%	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	95%	100%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	60%	50%	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%
TABERNA(12KV) - Customers: 1,872	12.5	1.0	1.0	89.3	1.0	0.0	16.1	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	84%	98%	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%	100%	0%	85%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	16%	2%	0%	1%	0%	0%	15%	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 Riverside District 4

	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
TOLL(4.16KV) - Customers: 56	538.1	2.1	2.0	245.1	4.0	9.9	171.2	2.2	8.1	288.2	2.0	16.0	0.0	0.0	1.0	15.4	0.1	2.0	62.8	2.0	2.0	366.4	4.1	21.0
3rd Party	89%	48%	0%	0%	0%	0%	15%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	4%	3%	0%	88%	75%	10%	75%	9%	0%	19%	51%	88%	0%	0%	0%	100%	100%	0%	0%	0%	0%	19%	27%	67%
Operation	1%	1%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	6%	48%	100%	9%	25%	80%	10%	45%	75%	81%	49%	13%	0%	0%	100%	0%	0%	100%	100%	100%	100%	81%	73%	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%	10%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TOWNHALL(33KV) - Customers: 8	121.5	1.4	0.8	575.4	4.4	5.4	25.9	1.3	8.4	537.9	2.4	15.8	0.0	0.0	1.0	96.2	0.3	0.8	469.2	2.1	1.5	1103.4	4.8	19.0
3rd Party	0%	0%	0%	0%	0%	0%	39%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	0%	0%	3%	0%
Equipment Failure	80%	45%	0%	95%	74%	21%	0%	0%	4%	56%	58%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	29%	74%
Operation	0%	0%	0%	2%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	69%	50%	0%	0%	0%	0%	6%	3%	0%
Other	20%	55%	100%	3%	23%	74%	61%	70%	73%	44%	42%	11%	0%	0%	100%	31%	50%	100%	99%	94%	100%	66%	66%	26%
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%	5%	0%	0%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
UTAH(12KV) - Customers: 772	205.2	1.6	5.0	195.1	0.3	1.7	54.1	0.1	1.9	388.8	2.0	0.0	8.6	0.0	0.0	0.0	0.0	1.0	134.4	1.0	2.0	531.9	3.0	3.0
3rd Party	0%	0%	0%	44%	47%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	34%	26%	28%	6%	1%	0%	1%	2%	0%	99%	99%	0%	7%	5%	0%	0%	0%	0%	0%	0%	0%	73%	66%	0%
Operation	0%	0%	8%	1%	5%	0%	0%	0%	0%	1%	1%	0%	2%	5%	0%	0%	0%	0%	0%	0%	50%	0%	1%	33%
Other	3%	0%	24%	49%	47%	76%	54%	29%	75%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%	0%	0%	67%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	91%	91%	0%	0%	0%	0%	100%	100%	0%	27%	33%	0%
Weather/Fire/Earthquake	63%	73%	40%	0%	0%	0%	45%	69%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
WATERWHEEL(12KV) - Customers: 174	1273.6	2.5	3.9	4256.0	3.7	3.7	611.2	1.3	0.0	0.0	0.0	0.0	250.6	5.0	2.0	0.0	0.0	2.0	103.7	1.0	4.0	354.2	6.0	8.0
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%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	71%	83%	0%
Operation	0%	1%	0%	2%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	29%	17%	0%
Other	90%	82%	76%	91%	55%	27%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	2%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	9%	15%	0%	7%	18%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Riverside District 4

	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
WEDGE(12KV) - Customers: 451	264.7	2.0	15.0	843.7	2.9	1.0	26.5	0.0	1.0	88.9	1.1	1.1	0.0	0.0	0.0	213.3	2.8	1.9	168.1	2.0	1.9	470.3	5.9	4.9
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%	33%	57%	34%	0%	98%	80%	0%	3%	1%	0%	0%	0%	0%	19%	34%	100%	0%	0%	0%	9%	16%	38%
Operation	0%	0%	0%	0%	0%	0%	2%	20%	0%	97%	99%	0%	0%	0%	0%	0%	0%	0%	43%	51%	0%	33%	36%	0%
Other	0%	0%	33%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	49%	0%	0%	41%
Vegetation/Animal	0%	0%	7%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	100%	100%	27%	43%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	81%	66%	0%	57%	49%	51%	57%	48%	20%
WINTERS(12KV) - Customers: 19	44.7	0.2	2.1	28.8	0.1	2.6	0.0	0.0	2.1	0.0	0.0	0.0	81.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	81.3	0.5	0.5
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	74%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%