



Circuit Reliability Review

Mission Viejo

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 Saddleback District

Aliso Viejo

Coto De Caza

Irvine

Laguna Beach

Laguna Hills

Laguna Niguel

Laguna Woods

Lake Forest

Las Flores

Mission Viejo

Rancho Santa Margarita

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 Mission Viejo

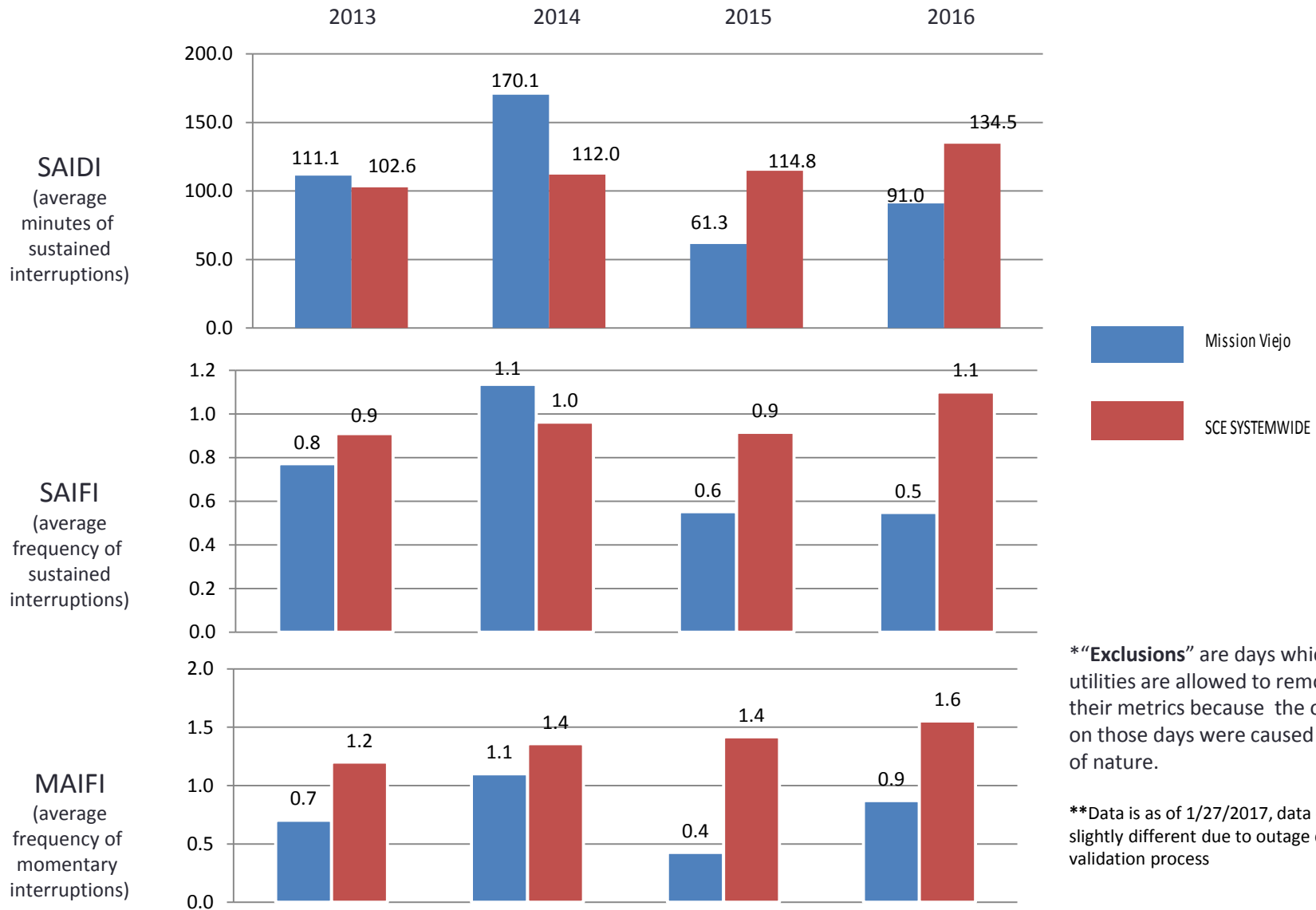
There are 25 circuits that serve Mission Viejo

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ATENTO(12KV)	2,226						
BULLDOG(12KV)	1,181						
CALCIUM(12KV)	2,919						
COGNAC(12KV)	1,792						
COLLIE(12KV)	1,717						
CONSEJO(12KV)	613						
COOLER(12KV)	1,566						
EMPRESA(12KV)	1,309						
FIZZ(12KV)	1,679						
FOGCUTTER(12KV)	2,322						
GRASSHOPPER(12KV)	1,738						
KAHLUA(12KV)	1,699						
MARTINI(12KV)	2,223						
PEKINGESE(12KV)	1,810						
PUNCH(12KV)	2,623						
SCOTCH(12KV)	2,616						
SHEPHERD(12KV)	2,269						
SHOOTER(12KV)	1,243						
SLING(12KV)	1,968						
STINGER(12KV)	1,713						
STOUT(12KV)	1,259						
TERRIER(12KV)	1,902						
TIN(12KV)	1,988						
WHISKEY(12KV)	1,528						

Drag

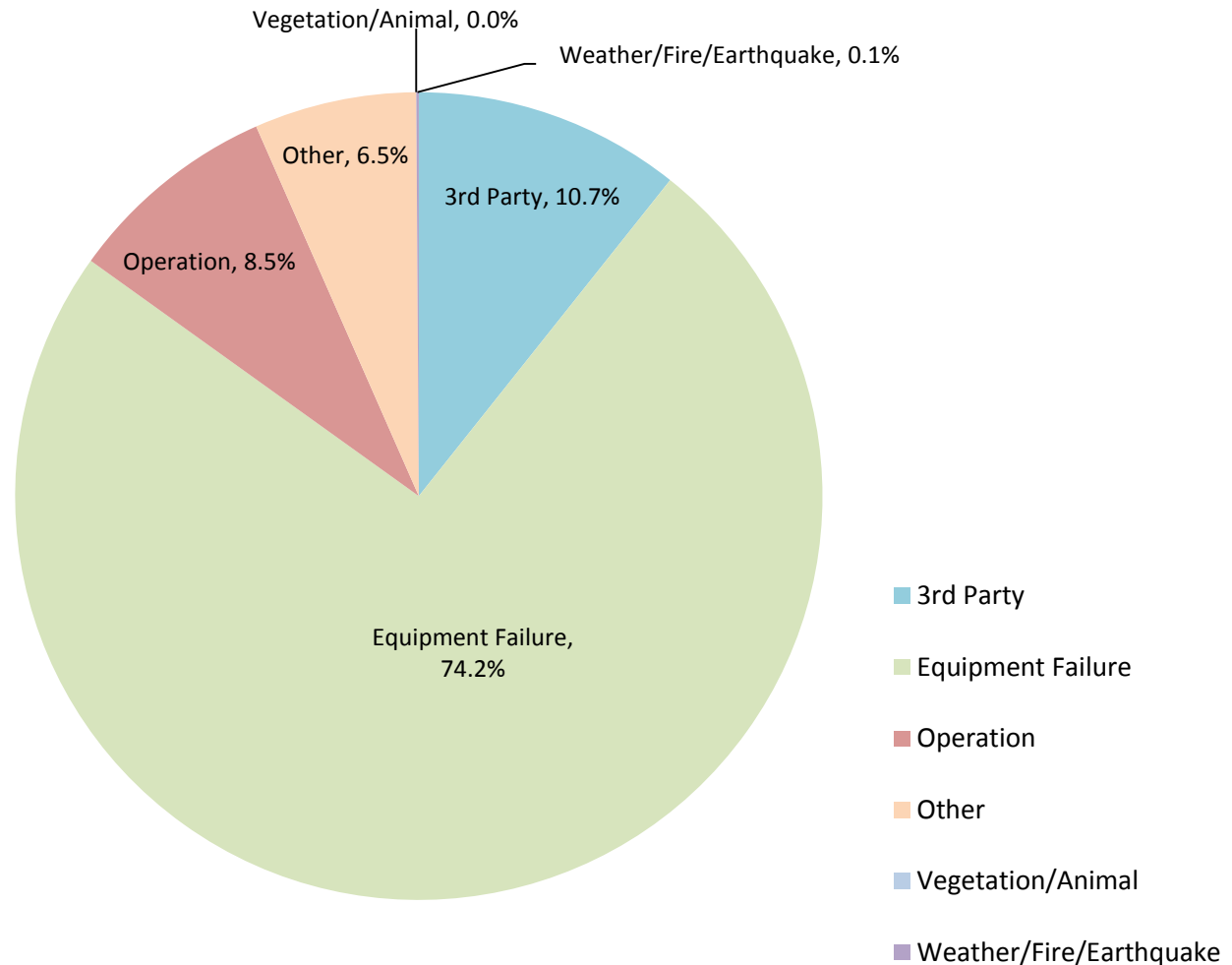
Grand Total 43,903

Reliability History of Circuits Serving Mission Viejo (No Exclusions)



Causes of Repair Outages in Mission Viejo Circuits 2016 YTD

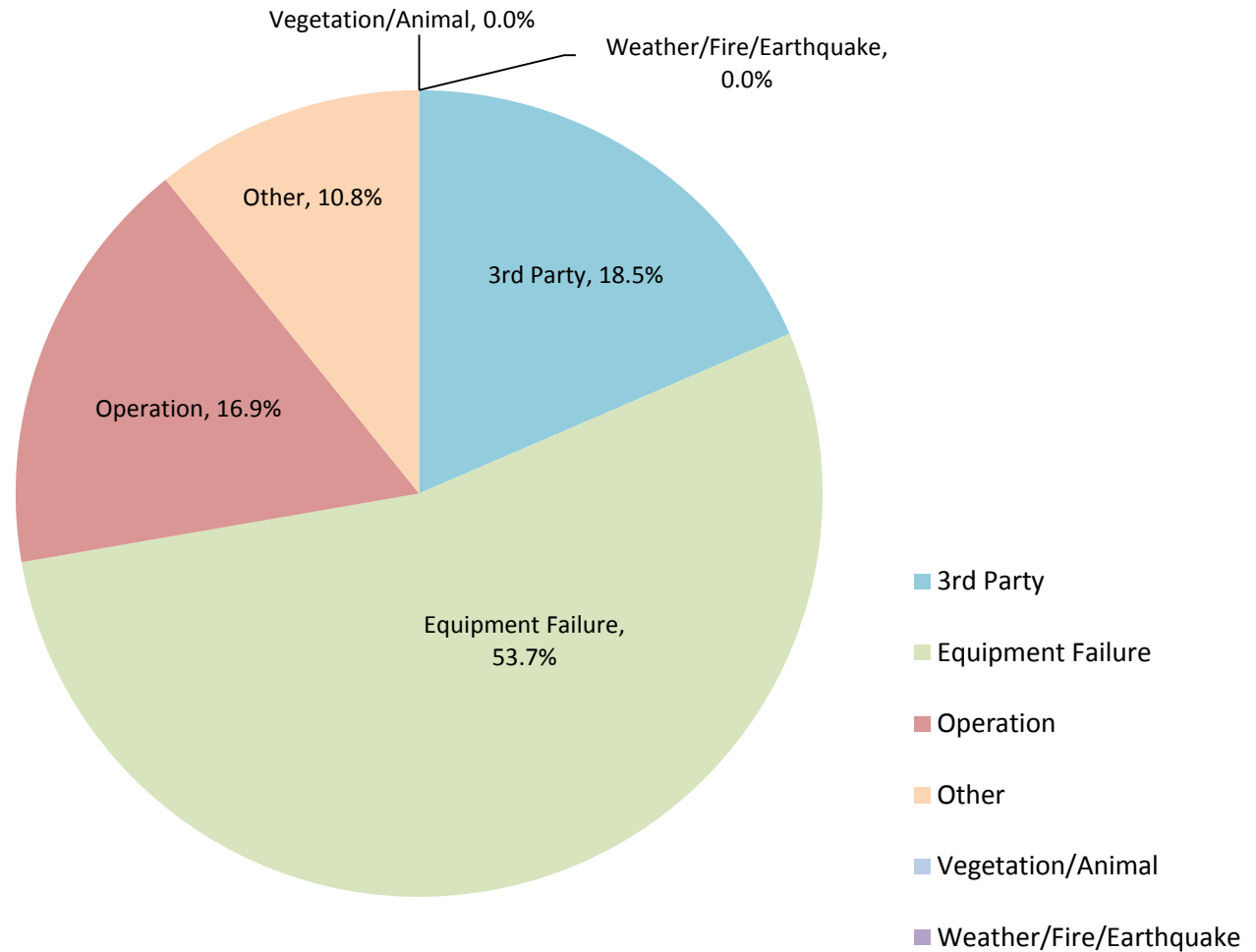
Contributions to SAIDI by Outage Cause



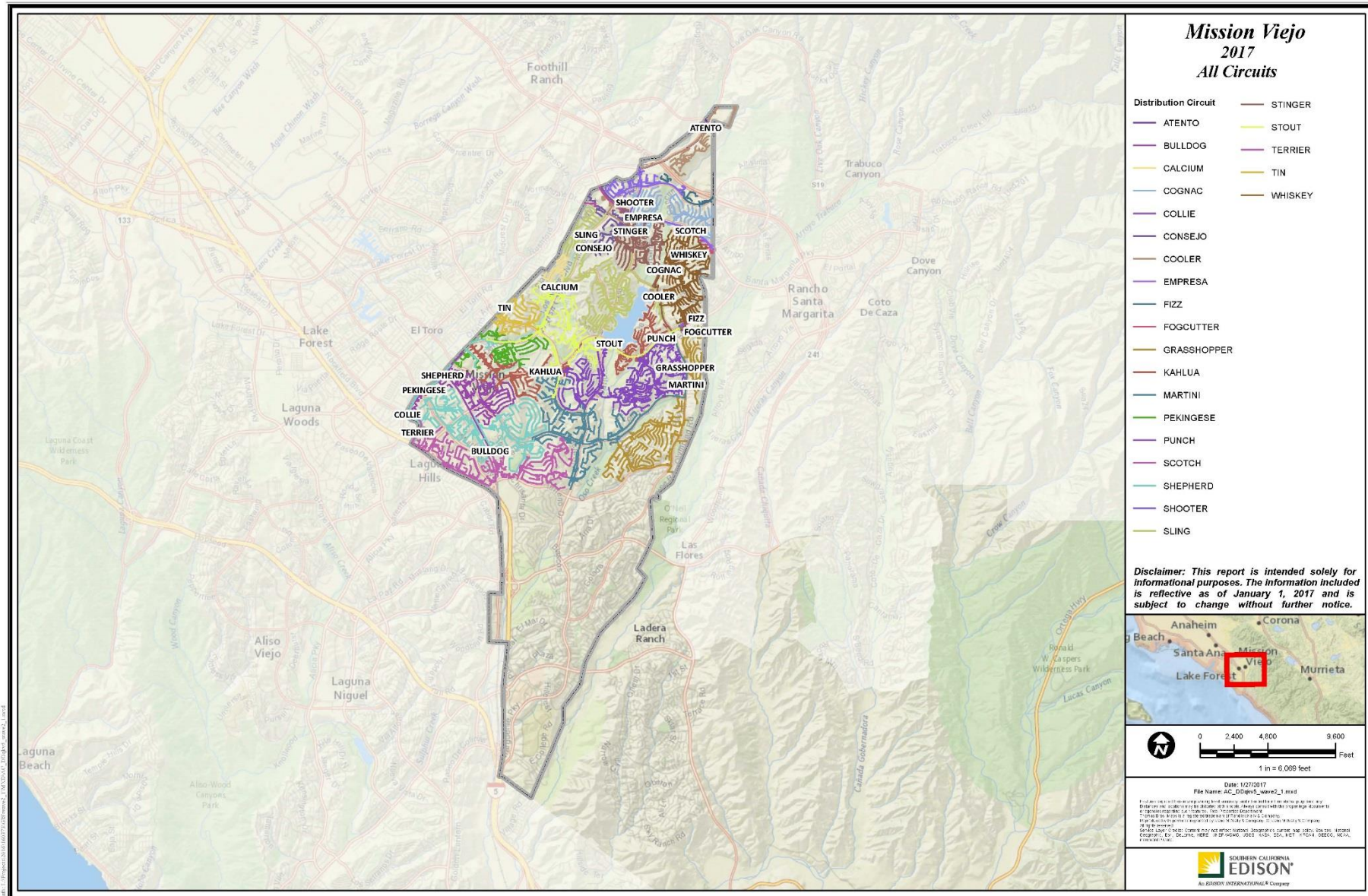
SAIDI = the cumulative amount of time the average customer is interrupted by “sustained” outages each year.

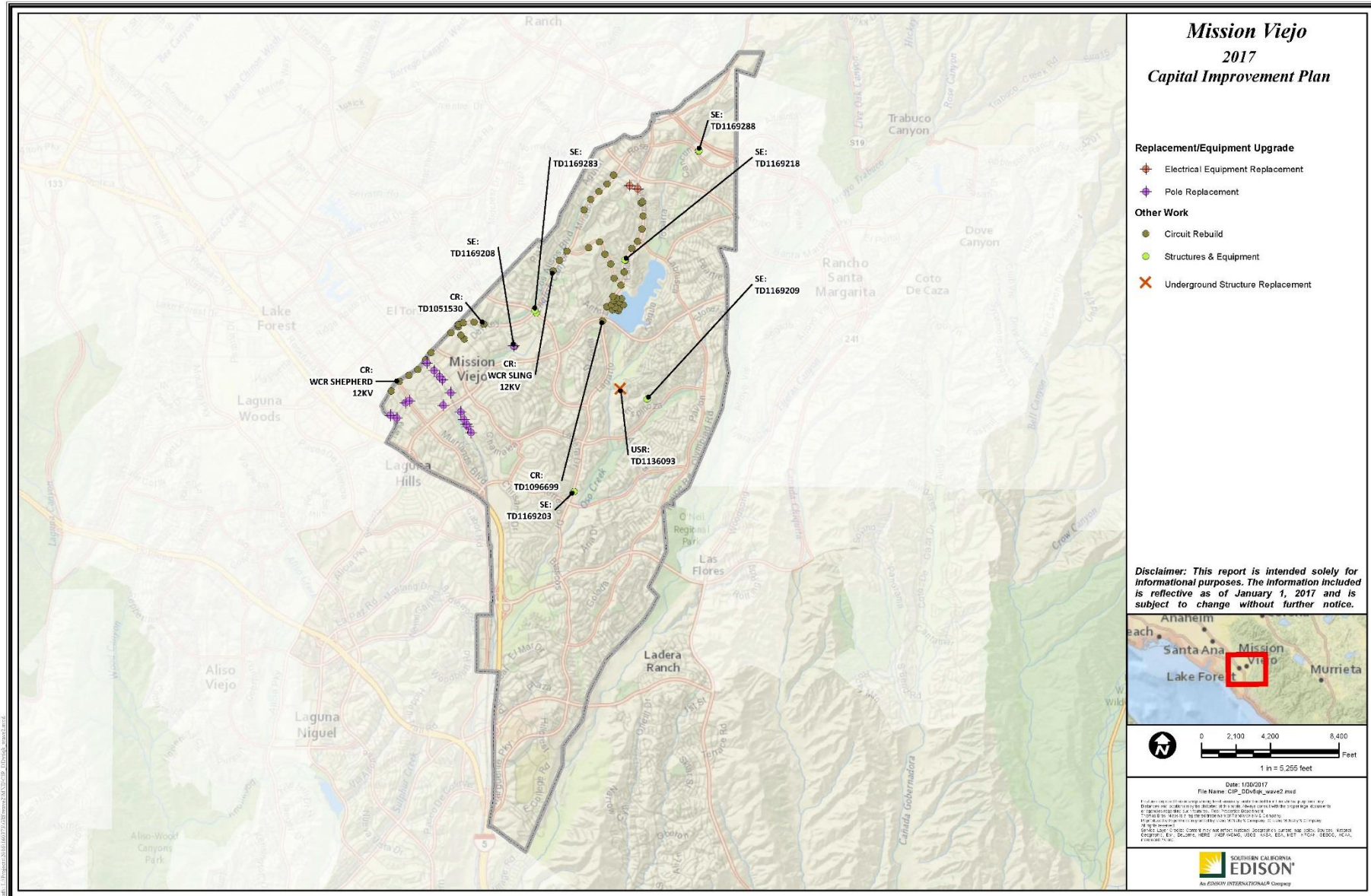
Causes of Repair Outages in Mission Viejo Circuits 2016 YTD

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 Mission Viejo

Updated through Year-End 2016

Average Reliability of 25 Circuits Serving Mission Viejo

	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
Mission Viejo	111.1	0.8	0.7	170.1	1.1	1.1	61.3	0.6	0.4	29.5	0.2	0.5	29.2	0.1	0.2	16.1	0.1	0.0	16.3	0.1	0.2	91.0	0.5	0.9
3rd Party	0%	0%	0%	0%	0%	3%	0%	0%	9%	26%	31%	0%	0%	0%	0%	11%	30%	#DIV/0!	1%	5%	41%	11%	19%	10%
Equipment Failure	81%	69%	28%	78%	69%	21%	75%	68%	0%	67%	59%	13%	91%	68%	89%	62%	35%	#DIV/0!	69%	33%	1%	74%	54%	26%
Operation	15%	23%	1%	18%	22%	15%	19%	22%	0%	1%	2%	0%	9%	32%	0%	27%	34%	#DIV/0!	4%	13%	1%	8%	17%	0%
Other	0%	0%	8%	0%	3%	21%	1%	1%	4%	5%	9%	13%	0%	0%	0%	0%	0%	#DIV/0!	27%	50%	57%	7%	11%	20%
Vegetation/Animal	0%	0%	62%	3%	6%	39%	5%	9%	86%	0%	0%	75%	0%	0%	0%	0%	0%	#DIV/0!	0%	0%	0%	0%	0%	42%
Weather/Fire/Earthquake	4%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	#DIV/0!	0%	0%	0%	0%	0%	2%
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 Mission Viejo

	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
ATENTO(12KV) - Customers: 2,226	123.0	0.9	0.4	305.1	0.9	0.2	70.9	1.2	1.4	29.3	0.4	0.0	0.8	0.0	0.4	0.0	0.0	0.0	26.2	0.2	1.0	56.3	0.6	1.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	51%	64%	72%
Equipment Failure	54%	57%	0%	60%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	40%	25%	0%	7%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%	0%	1%	0%
Other	0%	0%	100%	0%	0%	0%	3%	1%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	98%	0%	46%	34%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	90%	83%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	46%	43%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	2%	0%	28%
BULLDOG(12KV) - Customers: 1,181	298.3	1.3	2.0	176.1	1.4	5.2	20.2	0.1	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	98%	93%	0%	15%	12%	19%	63%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	2%	7%	0%	85%	88%	24%	37%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	38%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	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%
CALCIUM(12KV) - Customers: 2,919	440.1	3.8	0.5	5.5	0.0	0.0	11.8	0.2	0.0	56.1	1.0	0.0	135.4	0.4	2.4	45.3	0.2	0.0	9.2	0.0	0.0	246.1	1.6	2.4
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	59%	54%	92%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%	24%	26%	0%	89%	50%	0%	86%	91%	100%
Operation	41%	46%	8%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	76%	74%	0%	11%	50%	0%	14%	9%	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%
COGNAC(12KV) - Customers: 1,792	0.0	0.0	0.0	0.0	0.0	0.0	262.0	1.0	0.0	0.0	0.0	0.0	10.6	0.1	0.0	18.1	0.1	0.0	0.0	0.0	0.0	28.7	0.1	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	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	100%	100%	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%	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 Mission Viejo

	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
COLLIE(12KV) - Customers: 1,717	739.2	2.0	6.8	32.6	0.7	4.0	3.8	0.0	3.0	0.1	0.0	2.0	5.2	0.0	0.0	18.0	0.2	0.0	0.0	0.0	0.0	23.3	0.2	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	41%	73%	87%	25%	60%	17%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	77%	87%	0%	
Operation	0%	0%	0%	18%	9%	0%	40%	83%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	23%	13%	0%	
Other	0%	0%	15%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Vegetation/Animal	0%	0%	45%	0%	0%	50%	0%	0%	67%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	
Weather/Fire/Earthquake	0%	0%	0%	9%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
CONSEJO(12KV) - Customers: 613	59.3	0.2	0.1	119.0	0.5	0.0	274.0	1.1	0.0	0.0	0.0	0.0	296.3	0.9	0.0	0.0	0.0	0.0	227.3	0.4	0.0	523.6	1.4	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%	
Equipment Failure	100%	100%	100%	86%	50%	0%	92%	91%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	0%	0%	0%	14%	50%	0%	8%	9%	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%	
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%	
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%	
COOLER(12KV) - Customers: 1,566	116.2	0.5	0.0	0.0	0.0	0.0	95.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.1	0.0	1.3	0.0	0.0	13.9	0.1	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%	
Equipment Failure	100%	100%	0%	0%	0%	0%	89%	94%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	91%	86%	0%
Operation	0%	0%	0%	0%	0%	0%	11%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	9%	14%	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%	
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%	
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%	
EMPRESA(12KV) - Customers: 1,309	20.8	0.1	0.0	510.9	1.0	0.0	0.0	0.0	0.0	290.6	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.1	1.1	295.0	1.1	1.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	2%	11%	80%
Equipment Failure	100%	100%	0%	100%	99%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	89%	20%
Operation	0%	0%	0%	0%	1%	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%	
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%	
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%	

Reliability Histories for Individual Circuits Serving Mission Viejo

	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
FIZZ(12KV) - Customers: 1,679	0.0	0.0	0.0	14.2	0.5	1.0	75.6	1.5	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
3rd Party	0%	0%	0%	77%	4%	100%	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%	82%	69%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	23%	96%	0%	18%	31%	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%
FOGCUTTER(12KV) - Customers: 2,322	8.6	0.0	0.0	161.0	1.1	0.0	61.9	1.0	0.0	0.0	0.0	0.0	12.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.1	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	0%	0%	0%	66%	96%	0%	100%	100%	0%	0%	0%	0%	49%	26%	0%	0%	0%	0%	0%	0%	0%	49%	26%	0%
Operation	0%	0%	0%	34%	4%	0%	0%	0%	0%	0%	0%	0%	51%	74%	0%	0%	0%	0%	0%	0%	0%	51%	74%	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	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GRASSHOPPER(12KV) - Customers: 1,738	158.6	2.1	0.3	31.4	0.2	0.0	66.0	0.5	0.0	41.7	0.1	0.0	155.8	1.0	0.0	9.1	0.1	0.0	11.4	0.0	0.0	218.0	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	94%	88%	100%	87%	26%	0%	30%	16%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	99%	88%	0%	96%	92%	0%
Operation	6%	12%	0%	13%	74%	100%	70%	84%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	1%	12%	0%	4%	8%	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%
KAHLUA(12KV) - Customers: 1,699	128.3	1.3	0.0	252.2	1.5	1.0	22.4	0.1	0.0	11.1	0.0	1.0	40.6	0.0	0.0	40.2	0.2	0.0	1.7	0.0	0.0	93.6	0.3	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	94%	90%	0%	98%	93%	98%	87%	64%	0%	100%	100%	0%	100%	100%	0%	92%	79%	0%	0%	0%	0%	95%	78%	0%
Operation	6%	10%	0%	2%	7%	2%	13%	36%	0%	0%	0%	0%	0%	0%	0%	8%	21%	0%	100%	100%	0%	5%	22%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Mission Viejo

	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
MARTINI(12KV) - Customers: 2,223	82.1	0.2	0.1	106.5	0.4	0.1	53.3	0.4	0.0	0.0	0.0	0.0	20.6	0.1	0.0	55.4	0.2	0.0	100.5	0.2	0.0	176.5	0.4	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%	79%	0%	66%	47%	0%	80%	43%	0%	0%	0%	0%	75%	64%	0%	95%	39%	0%	94%	61%	0%	92%	53%	0%
Operation	1%	21%	100%	34%	53%	100%	20%	57%	0%	0%	0%	0%	25%	36%	0%	5%	61%	0%	6%	39%	0%	8%	47%	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%
PEKINGESE(12KV) - Customers: 1,810	0.0	0.0	2.0	297.2	2.8	2.2	35.6	0.1	0.0	0.0	0.0	1.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	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	0%	0%	0%	91%	67%	55%	94%	69%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	3%	2%	0%	6%	31%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	6%	31%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	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%
PUNCH(12KV) - Customers: 2,623	41.6	0.2	0.0	103.5	1.3	0.0	41.3	0.2	0.0	4.6	0.0	0.0	3.1	0.0	0.0	33.3	0.2	0.0	15.5	0.1	0.1	56.6	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	98%	85%	0%	74%	90%	0%	58%	42%	0%	100%	100%	100%	0%	0%	0%	97%	63%	0%	99%	92%	57%	93%	64%	65%
Operation	2%	15%	0%	26%	10%	0%	42%	58%	0%	0%	0%	0%	100%	100%	0%	3%	37%	0%	1%	8%	43%	7%	36%	35%
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%
SCOTCH(12KV) - Customers: 2,616	2.8	0.0	0.0	120.1	2.1	0.0	16.6	0.1	0.0	0.0	0.0	0.0	31.5	0.1	0.0	6.2	0.0	0.0	0.0	0.0	0.0	37.7	0.1	0.0
3rd Party	0%	0%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	45%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	84%	68%	0%
Operation	100%	100%	0%	52%	47%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	16%	32%	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 Mission Viejo

	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
SHEPHERD(12KV) - Customers: 2,269	60.4	0.6	2.0	289.5	2.0	5.0	105.8	1.0	2.0	122.9	1.0	3.0	7.2	0.0	0.0	6.9	0.0	0.0	59.2	0.6	1.4	196.2	1.6	4.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	62%	0%
Equipment Failure	77%	72%	0%	50%	38%	9%	86%	91%	0%	0%	0%	33%	93%	47%	0%	0%	0%	0%	0%	0%	0%	3%	0%	23%
Operation	23%	28%	0%	50%	62%	34%	14%	9%	0%	0%	0%	0%	7%	53%	0%	100%	100%	0%	0%	0%	0%	4%	3%	0%
Other	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	30%	35%	32%
Vegetation/Animal	0%	0%	100%	0%	0%	37%	0%	0%	100%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%
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%
SHOOTER(12KV) - Customers: 1,243	0.0	0.0	0.0	80.0	1.0	0.0	0.0	0.0	0.0	158.9	1.0	0.0	28.6	1.0	0.0	64.9	1.0	0.0	0.0	0.0	0.0	252.5	3.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	26%	33%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	34%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	11%	33%	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%
SLING(12KV) - Customers: 1,968	51.5	0.3	0.0	287.6	2.6	0.6	60.7	1.0	0.0	10.9	0.0	0.0	3.0	0.0	0.0	6.1	0.0	0.0	33.7	0.2	0.0	53.7	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	36%	24%	0%	92%	93%	100%	100%	100%	0%	93%	50%	0%	0%	0%	0%	98%	71%	0%	98%	74%	0%	91%	66%	0%
Operation	64%	76%	0%	8%	7%	0%	0%	0%	0%	7%	50%	0%	100%	100%	0%	2%	29%	0%	2%	26%	0%	9%	34%	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%
STINGER(12KV) - Customers: 1,713	0.0	0.0	0.0	699.4	1.1	0.0	62.3	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
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%	100%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	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 Mission Viejo

	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
STOUT(12KV) - Customers: 1,259	63.5	0.3	0.0	251.8	1.2	1.0	94.4	0.3	0.0	0.0	0.0	0.0	48.0	0.3	0.0	37.2	0.1	0.0	0.0	0.0	0.0	85.3	0.4	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	96%	74%	0%	100%	100%	0%	43%	23%	0%	0%	0%	0%	73%	59%	0%	94%	50%	0%	0%	0%	0%	82%	57%	0%
Operation	4%	26%	0%	0%	0%	0%	57%	77%	100%	0%	0%	0%	27%	41%	0%	6%	50%	0%	0%	0%	0%	18%	43%	0%
Other	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	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%
TERRIER(12KV) - Customers: 1,902	66.8	1.3	2.0	305.0	2.4	6.4	3.4	0.1	2.0	37.0	0.5	2.5	9.9	0.2	0.0	0.0	0.0	0.0	1.2	0.0	1.0	48.0	0.7	3.5
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	43%	10%	0%	59%	33%	13%	0%	0%	0%	0%	0%	0%	72%	27%	0%	0%	0%	0%	0%	0%	0%	15%	7%	0%
Operation	23%	12%	0%	1%	4%	0%	100%	100%	0%	0%	0%	0%	28%	73%	0%	0%	0%	0%	100%	100%	0%	8%	20%	0%
Other	0%	0%	0%	0%	0%	16%	0%	0%	0%	100%	100%	21%	0%	0%	0%	0%	0%	0%	0%	0%	100%	77%	74%	43%
Vegetation/Animal	0%	0%	100%	40%	63%	71%	0%	0%	100%	0%	0%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	57%
Weather/Fire/Earthquake	34%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TIN(12KV) - Customers: 1,988	67.6	1.1	1.0	84.6	1.1	1.0	127.0	0.6	0.0	4.7	0.0	0.0	8.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	22.7	0.1	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	97%	98%	100%	100%	100%	0%	70%	28%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	35%	30%	0%
Operation	3%	2%	0%	0%	0%	100%	23%	59%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	65%	70%	0%
Other	0%	0%	0%	0%	0%	0%	7%	13%	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%
WHISKEY(12KV) - Customers: 1,528	0.9	0.0	0.0	31.9	1.0	0.0	73.3	1.0	0.0	1.4	0.0	0.0	0.6	0.0	0.0	6.7	0.1	0.0	0.1	0.0	0.0	8.8	0.1	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	0%	0%	0%	97%	99%	0%	84%	98%	0%	0%	0%	0%	0%	0%	0%	92%	48%	0%	0%	0%	0%	70%	25%	0%
Operation	100%	100%	0%	3%	1%	0%	16%	2%	0%	100%	100%	0%	100%	100%	0%	8%	52%	0%	100%	100%	0%	30%	75%	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%