



Circuit Reliability Review

Porterville

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 San Joaquin Region

Armona

Delano

Ducor

Earlimart

East Porterville

Exeter

Farmersville

Goshen

Hanford

Ivanhoe

Lemon Cove

Lindsay

Mcfarland

Pixley

Poplar-Cotton Center

Porterville

Richgrove

Springville

Strathmore

Terra Bella

Three Rivers

Tipton

Tulare

Visalia

Woodlake

Woodville

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.

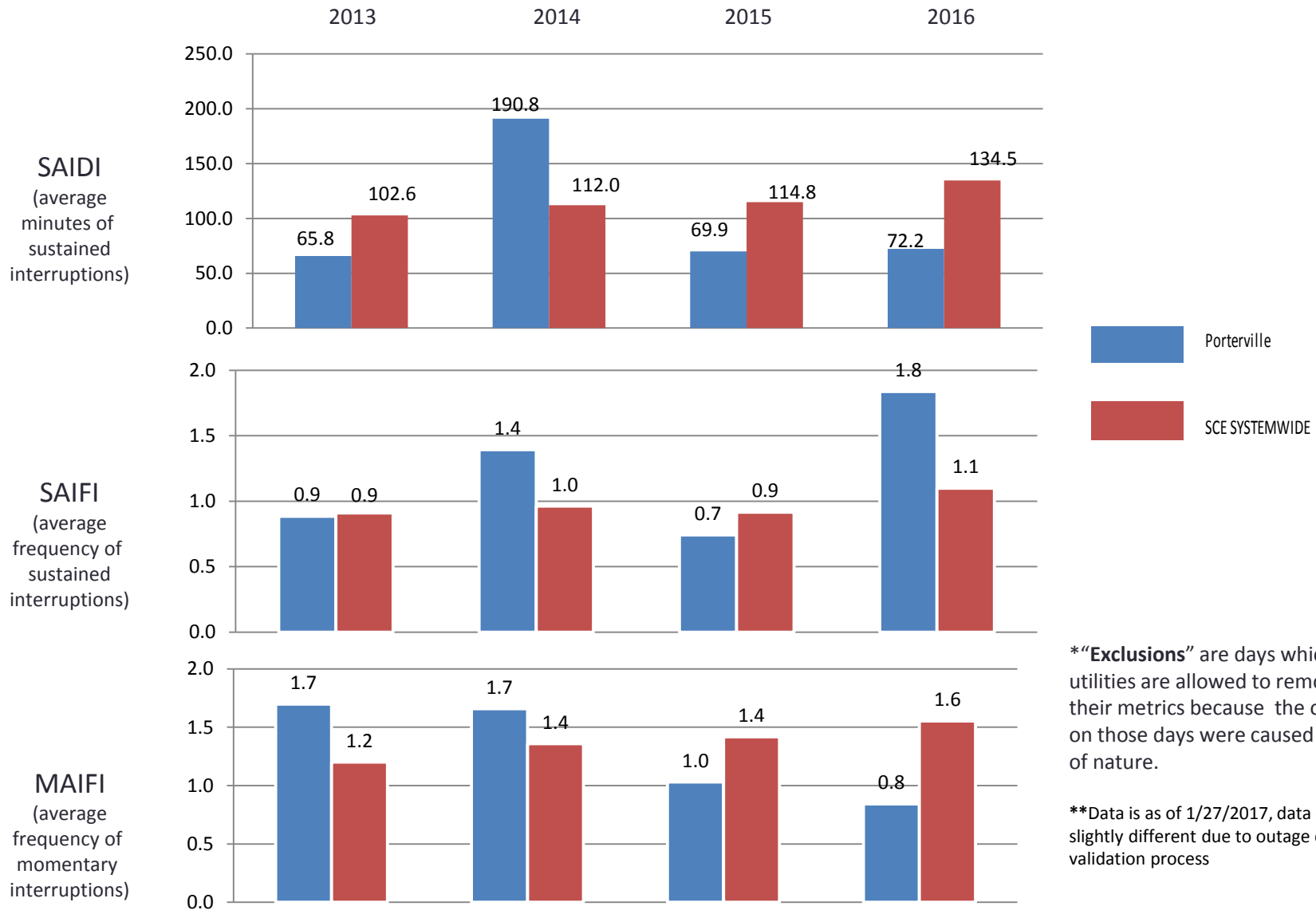
Overview of Porterville

There are 23 circuits that serve Porterville

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
BEATTIE(12KV)	1,322						
BURTON(12KV)	2,011						
CAMPBELL(12KV)	1,993						
CLAMPETT(12KV)	1,577						
CLINE(4.16KV)	339						
CLOER(12KV)	258						
DEER(12KV)	661						
DRAG(12KV)	866						
FRAME(4.16KV)	718						
GRANITE(12KV)	2,128						
HATFIELD(12KV)	2,019						
HENDERSON(12KV)	704						
JOSTEN(12KV)	891						
MONACHE(12KV)	1,129						
MORTON(4.16KV)	512						
OLIVE(4.16KV)	208						
PLANO(12KV)	982						
SUCCESS(12KV)	2,328						
TEAPOT(12KV)	2,041						
ULMER(4.16KV)	67						
VANDALIA(12KV)	1,127						
WORTH(12KV)	940						
ZANTE(12KV)	923						

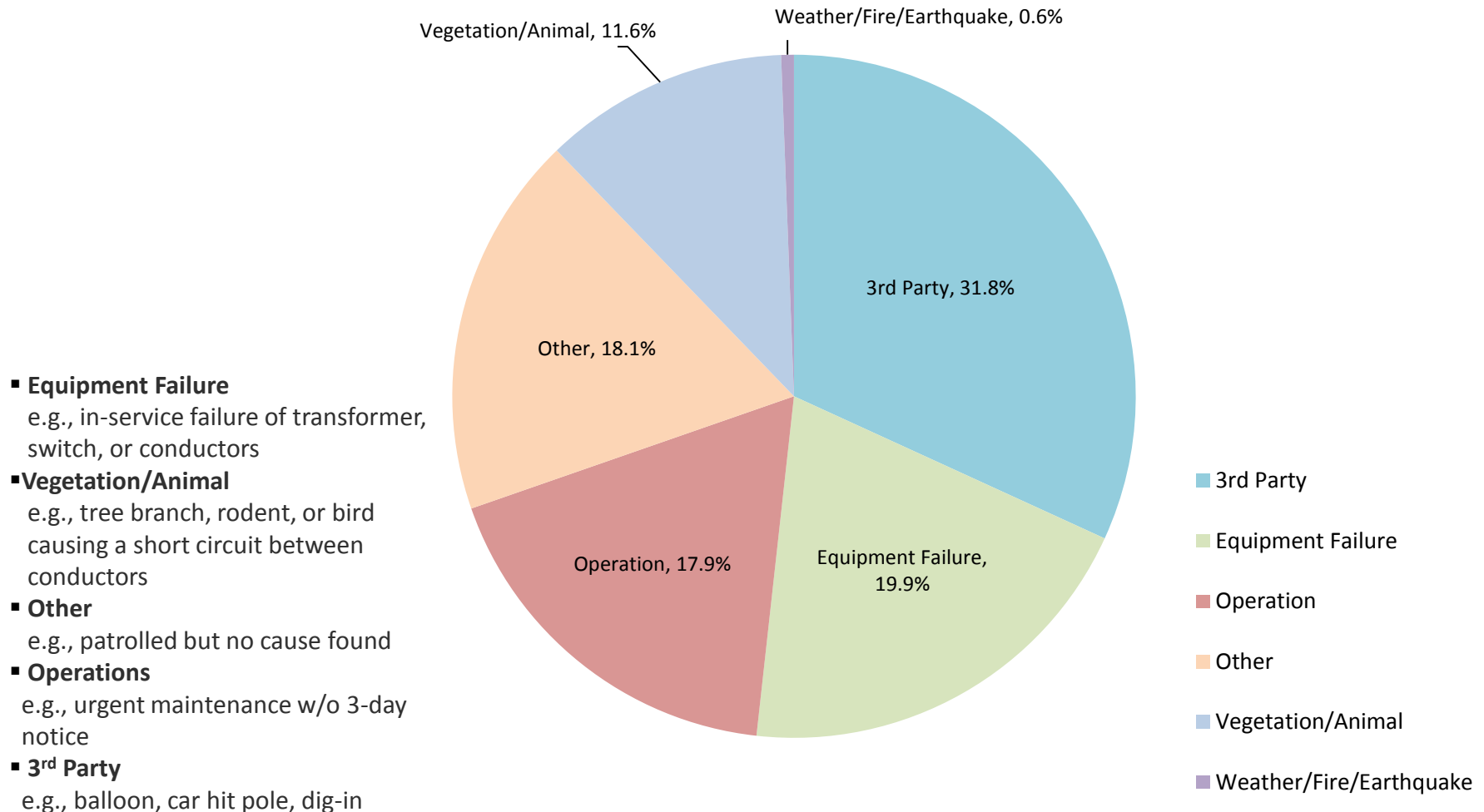
Grand Total 25,744

Reliability History of Circuits Serving Porterville (No Exclusions)



Causes of Repair Outages in Porterville Circuits 2016 YTD

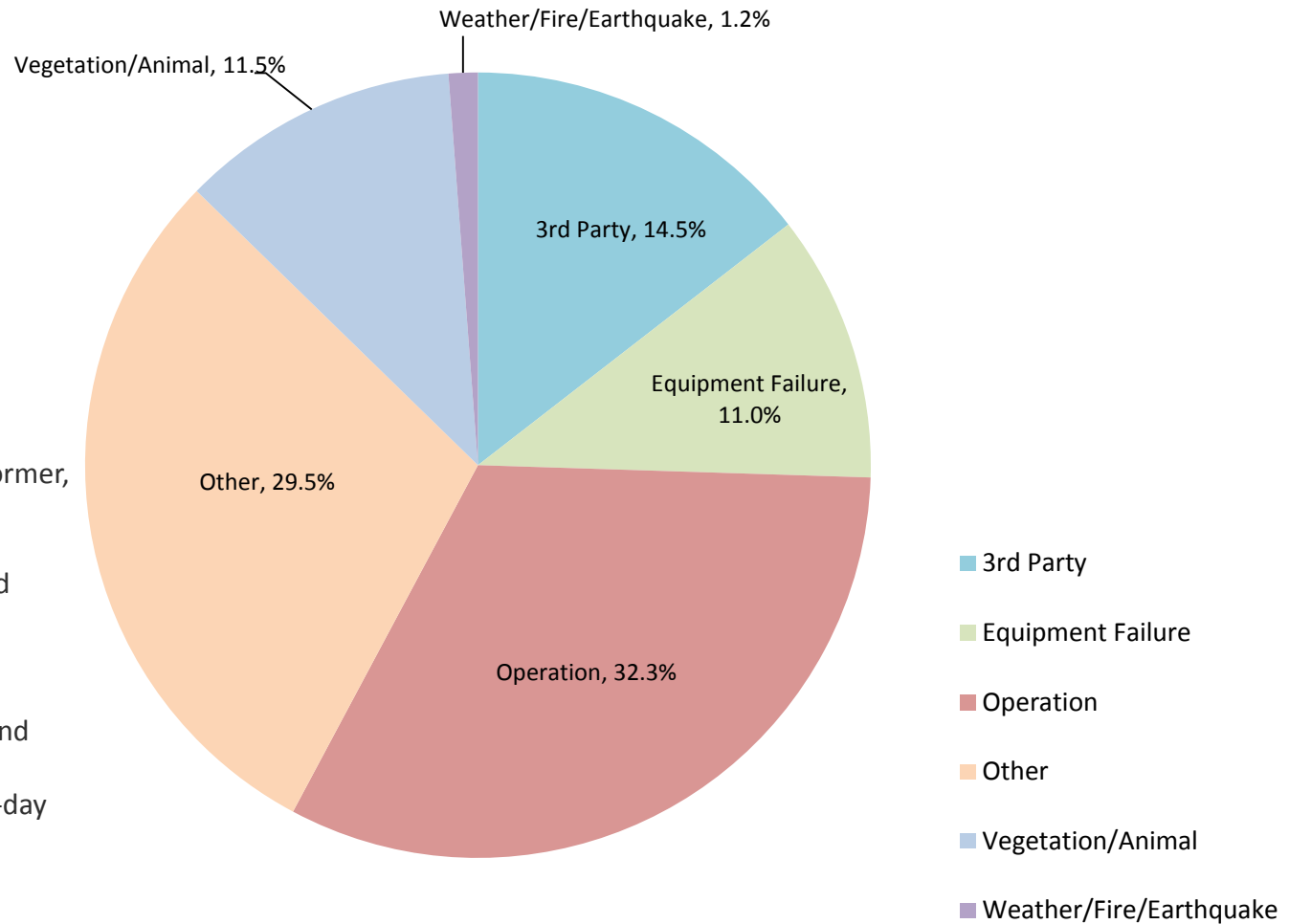
Contributions to SAIDI by Outage Cause



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

Causes of Repair Outages in Porterville Circuits 2016 YTD

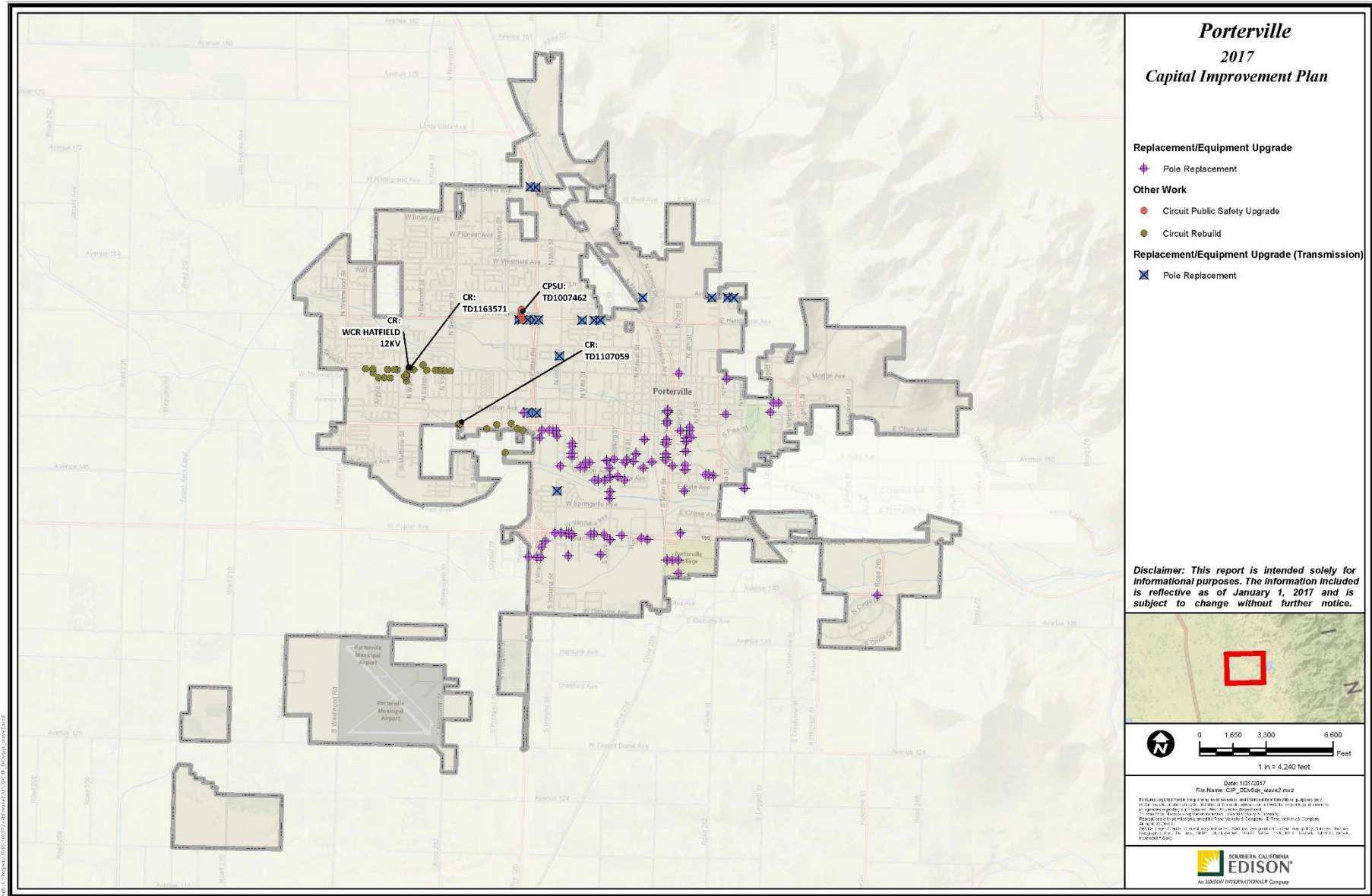
Contributions to SAIFI by Outage Cause



- **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

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





Back-up Slides

Reliability Histories of Circuits Serving Porterville

Updated through Year-End 2016

Average Reliability of 23 Circuits Serving Porterville

	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
Porterville	65.8	0.9	1.7	190.8	1.4	1.7	69.9	0.7	1.0	13.6	0.2	0.3	9.9	0.2	0.1	27.7	0.7	0.3	21.0	0.8	0.2	72.2	1.8	0.8
3rd Party	27%	32%	10%	20%	22%	23%	10%	11%	19%	72%	54%	53%	14%	25%	0%	20%	7%	53%	29%	10%	56%	32%	14%	49%
Equipment Failure	29%	17%	11%	32%	40%	18%	35%	43%	23%	22%	42%	14%	41%	42%	10%	26%	7%	30%	0%	0%	0%	20%	11%	16%
Operation	7%	19%	6%	6%	4%	3%	5%	8%	0%	4%	4%	5%	7%	2%	11%	41%	79%	16%	1%	1%	0%	18%	32%	8%
Other	7%	8%	13%	5%	3%	12%	2%	4%	40%	2%	1%	24%	16%	6%	59%	0%	0%	0%	54%	70%	1%	18%	30%	15%
Vegetation/Animal	20%	16%	59%	1%	6%	14%	2%	3%	0%	0%	0%	0%	17%	13%	0%	12%	7%	1%	16%	18%	43%	12%	12%	10%
Weather/Fire/Earthquake	9%	7%	0%	37%	26%	30%	46%	30%	18%	0%	0%	4%	5%	13%	19%	0%	0%	0%	0%	0%	0%	1%	1%	3%
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 Porterville

	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
BEATTIE(12KV) - Customers: 1,322	0.0	0.0	1.0	316.8	3.0	1.0	88.3	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	75.2	1.0	0.0	0.0	0.0	0.0	75.2	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	0%	0%	0%	57%	67%	100%	39%	50%	100%	0%	0%	0%	0%	0%	0%	14%	1%	0%	0%	0%	0%	14%	1%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	86%	99%	0%	0%	0%	0%	86%	99%	0%
Weather/Fire/Earthquake	0%	0%	0%	43%	33%	0%	61%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BURTON(12KV) - Customers: 2,011	181.3	2.8	4.3	62.6	0.8	3.3	42.8	0.9	2.7	1.9	0.0	0.0	0.0	0.0	0.0	22.9	1.0	0.0	96.8	3.5	1.2	121.6	4.5	1.2
3rd Party	61%	37%	0%	79%	84%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	3%	0%	42%	22%	20%	35%	18%	20%
Equipment Failure	0%	0%	23%	12%	14%	0%	100%	100%	19%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	17%	38%	23%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	90%	97%	0%	0%	0%	0%	19%	23%	0%
Other	0%	0%	24%	0%	0%	30%	0%	0%	81%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	28%	1%	11%	22%	1%
Vegetation/Animal	21%	26%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	44%	50%	79%	35%	38%	79%
Weather/Fire/Earthquake	0%	0%	0%	10%	2%	61%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CAMPBELL(12KV) - Customers: 1,993	71.4	1.0	2.0	350.1	2.4	2.0	15.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	20.0	1.0	0.0	11.8	1.0	0.0	33.4	2.0	0.0
3rd Party	0%	0%	50%	44%	42%	0%	0%	0%	0%	69%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
Equipment Failure	98%	100%	0%	9%	11%	100%	88%	63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	5%	0%	4%	10%	0%	31%	33%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	61%	50%	0%
Other	0%	0%	0%	0%	0%	0%	8%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	35%	50%	0%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	2%	0%	0%	47%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CLAMPETT(12KV) - Customers: 1,577	4.8	0.6	1.4	29.1	0.1	0.0	15.5	0.0	0.0	0.9	0.0	1.0	0.0	0.0	0.0	20.0	1.0	0.0	12.9	1.0	0.0	33.8	2.0	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%	82%	72%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	28%	18%	28%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	62%	50%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	38%	50%	0%
Vegetation/Animal	0%	0%	72%	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 Porterville

	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
CLINE(4.16KV) - Customers: 339	0.0	0.0	1.0	0.0	0.0	4.0	73.2	0.8	1.6	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	1.0
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	50%	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%	25%	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%	50%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	100%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CLOER(12KV) - Customers: 258	31.8	1.1	1.0	18.9	1.0	0.2	62.9	1.0	3.0	28.1	0.1	1.1	3.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	31.1	0.1	2.0
3rd Party	12%	5%	0%	0%	0%	0%	4%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	56%	3%	0%	59%	1%	100%	0%	0%	0%	3%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%	0%
Operation	0%	0%	100%	0%	0%	0%	0%	0%	0%	97%	94%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	97%	97%	45%
Other	0%	0%	0%	41%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	32%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	96%	100%	67%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	55%
DEER(12KV) - Customers: 661	130.8	0.8	0.0	420.8	3.2	2.4	274.8	3.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
3rd Party	84%	33%	0%	24%	31%	79%	10%	28%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	12%	34%	0%	43%	60%	0%	21%	28%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	4%	33%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	100%	100%	0%	0%
Other	0%	0%	0%	33%	8%	11%	9%	28%	30%	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%	60%	15%	53%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DRAG(12KV) - Customers: 866	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	1%	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%	99%	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 Porterville

	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
FRAME(4.16KV) - Customers: 718	10.4	0.1	1.0	107.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.5	1.0	0.0	259.3	2.4	0.4	0.0	0.0	0.0	392.7	3.5	0.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%	41%	0%	0%	0%	0%	19%	29%	0%
Equipment Failure	100%	100%	0%	98%	96%	0%	0%	0%	0%	0%	0%	0%	87%	96%	0%	71%	59%	100%	0%	0%	0%	77%	70%	100%
Operation	0%	0%	0%	2%	4%	0%	0%	0%	0%	0%	0%	0%	13%	4%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GRANITE(12KV) - Customers: 2,128	41.9	1.0	1.9	404.4	2.5	2.0	4.1	0.1	0.0	7.2	0.1	0.0	0.0	0.0	0.0	20.0	1.0	0.0	11.0	1.0	0.0	38.2	2.1	0.0
3rd Party	78%	95%	0%	56%	45%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	9%	0%	0%	35%	47%	0%	0%	0%	0%	66%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	1%	0%
Operation	13%	5%	0%	0%	0%	0%	26%	45%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	52%	49%	0%
Other	0%	0%	50%	0%	0%	0%	74%	55%	0%	34%	50%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	35%	50%	0%
Vegetation/Animal	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	9%	7%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HATFIELD(12KV) - Customers: 2,019	157.0	1.2	2.2	178.6	2.4	2.0	24.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	1.0	0.0	74.1	1.0	0.0	94.2	2.0	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	13%	4%	0%	22%	12%	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	2%	15%	0%	7%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	21%	50%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	79%	50%	0%
Vegetation/Animal	85%	81%	100%	7%	42%	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%	64%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HENDERSON(12KV) - Customers: 704	41.6	0.2	0.0	163.3	1.5	3.3	426.4	2.1	0.2	0.6	0.0	0.0	4.8	0.0	0.0	21.6	1.0	1.0	28.8	1.2	0.2	55.8	2.2	1.2
3rd Party	0%	0%	0%	23%	40%	60%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	55%	14%	100%	29%	8%	19%
Equipment Failure	100%	100%	0%	0%	0%	7%	5%	50%	0%	100%	100%	0%	0%	0%	0%	7%	0%	100%	0%	0%	0%	4%	0%	81%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	93%	100%	0%	0%	0%	0%	44%	46%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%	86%	0%	23%	46%	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%	77%	59%	32%	93%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Porterville

	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
JOSTEN(12KV) - Customers: 891	67.7	1.3	1.0	0.0	0.0	0.0	14.3	1.0	0.0	0.0	0.0	0.0	46.6	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	46.6	0.3	1.0
3rd Party	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	27%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	73%	99%	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%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MONACHE(12KV) - Customers: 1,129	58.0	0.7	1.3	1.0	0.1	0.1	25.6	0.0	1.0	31.0	0.7	1.0	1.4	0.0	0.0	20.1	1.0	0.0	13.2	1.0	0.0	65.7	2.7	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%	23%	0%	0%	0%	6%	11%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	49%	26%	100%
Operation	0%	0%	0%	100%	100%	100%	67%	62%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	31%	37%	0%
Other	0%	0%	0%	0%	0%	0%	27%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	20%	37%	0%
Vegetation/Animal	0%	0%	77%	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%
MORTON(4.16KV) - Customers: 512	2.8	0.0	1.0	0.5	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3rd Party	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	100%	100%	0%	100%	100%	100%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
OLIVE(4.16KV) - Customers: 208	22.4	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	1.0	1.0	90.2	1.0	0.0	0.0	0.0	0.0	111.2	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	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%
Operation	100%	100%	50%	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%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Porterville

	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
PLANO(12KV) - Customers: 982	19.8	1.0	1.4	429.8	0.8	0.9	39.2	0.1	0.0	2.1	0.0	0.0	11.8	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.6	0.4
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	0%	0%	0%	14%	12%	0%	91%	59%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%	3%	0%
Operation	0%	0%	0%	54%	73%	0%	9%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	29%	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%	71%	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%	32%	15%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	85%	97%	100%
SUCCESS(12KV) - Customers: 2,328	123.5	0.8	2.4	215.3	2.2	1.5	139.6	1.4	1.8	65.4	0.8	1.3	18.7	0.3	0.0	0.2	0.0	0.0	4.3	0.1	0.0	88.7	1.2	1.3
3rd Party	0%	0%	0%	7%	9%	66%	30%	22%	55%	99%	97%	44%	0%	0%	0%	0%	0%	0%	61%	4%	0%	76%	68%	44%
Equipment Failure	53%	29%	34%	38%	69%	0%	36%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
Operation	10%	20%	0%	0%	0%	0%	14%	11%	0%	1%	3%	0%	0%	1%	0%	0%	0%	0%	37%	95%	0%	3%	11%	0%
Other	35%	50%	25%	26%	13%	34%	0%	0%	21%	0%	0%	56%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	56%
Vegetation/Animal	0%	0%	41%	1%	0%	0%	11%	19%	0%	0%	0%	0%	100%	99%	0%	0%	0%	0%	0%	0%	0%	21%	21%	0%
Weather/Fire/Earthquake	1%	0%	0%	29%	9%	0%	10%	15%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TEAPOT(12KV) - Customers: 2,041	11.8	0.0	1.0	46.2	0.1	3.0	1.7	0.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	74.8	1.3	1.9	39.5	1.1	0.9	114.4	2.4	2.8
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	17%	100%	72%	12%	100%	62%	14%	100%
Equipment Failure	100%	100%	0%	32%	57%	0%	74%	95%	100%	90%	50%	0%	0%	0%	0%	12%	5%	0%	0%	0%	0%	8%	3%	0%
Operation	0%	0%	0%	8%	25%	0%	0%	0%	0%	10%	50%	0%	0%	0%	0%	32%	79%	0%	0%	0%	0%	21%	42%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%	88%	0%	10%	41%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	26%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	60%	18%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
ULMER(4.16KV) - Customers: 67	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Porterville

	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
VANDALIA(12KV) - Customers: 1,127	9.9	1.3	2.1	804.8	3.0	2.6	365.6	3.2	1.6	26.6	1.0	0.4	32.0	1.0	0.0	13.7	1.0	2.0	0.0	0.0	0.0	72.4	3.0	2.4
3rd Party	74%	79%	48%	0%	0%	0%	8%	6%	60%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	44%	33%	0%
Equipment Failure	5%	0%	0%	39%	33%	0%	38%	51%	0%	99%	100%	0%	0%	0%	0%	8%	0%	50%	0%	0%	0%	38%	33%	42%
Operation	21%	21%	0%	0%	0%	0%	1%	1%	0%	1%	0%	100%	0%	0%	0%	92%	100%	50%	0%	0%	0%	18%	34%	58%
Other	0%	0%	4%	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%	48%	0%	0%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	60%	67%	24%	53%	42%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
WORTH(12KV) - Customers: 940	28.4	0.8	1.2	54.2	1.0	3.0	0.4	0.0	2.0	95.8	0.7	1.3	17.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	113.2	1.7	1.3
3rd Party	100%	100%	20%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	85%	41%	100%
Equipment Failure	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	98%	99%	0%	0%	0%	0%	0%	0%	0%	15%	59%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	67%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	80%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
ZANTE(12KV) - Customers: 923	187.0	2.1	2.0	47.0	1.0	1.0	121.9	1.4	1.9	9.4	0.0	0.2	0.2	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.2
3rd Party	11%	16%	50%	99%	100%	100%	7%	23%	37%	96%	95%	0%	0%	0%	0%	87%	90%	0%	0%	0%	0%	93%	90%	0%
Equipment Failure	5%	1%	50%	1%	0%	0%	19%	4%	0%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%
Operation	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	13%	10%	0%	0%	0%	0%	4%	7%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	63%	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	83%	81%	0%	0%	0%	0%	74%	73%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%