



Circuit Reliability Review

West Covina

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/OutageCenter/MaintainingReliableService)

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 Covina District

Avocado Heights

Azusa

Charter Oak

Citrus

Claremont

Covina

Diamond Bar

Glendora

Hacienda Heights

Industry

La Puente

La Verne

Pomona

Rowland Heights

San Dimas

South San Jose Hills

Valinda

Vincent

Walnut

West Covina

West Puente Valley

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.

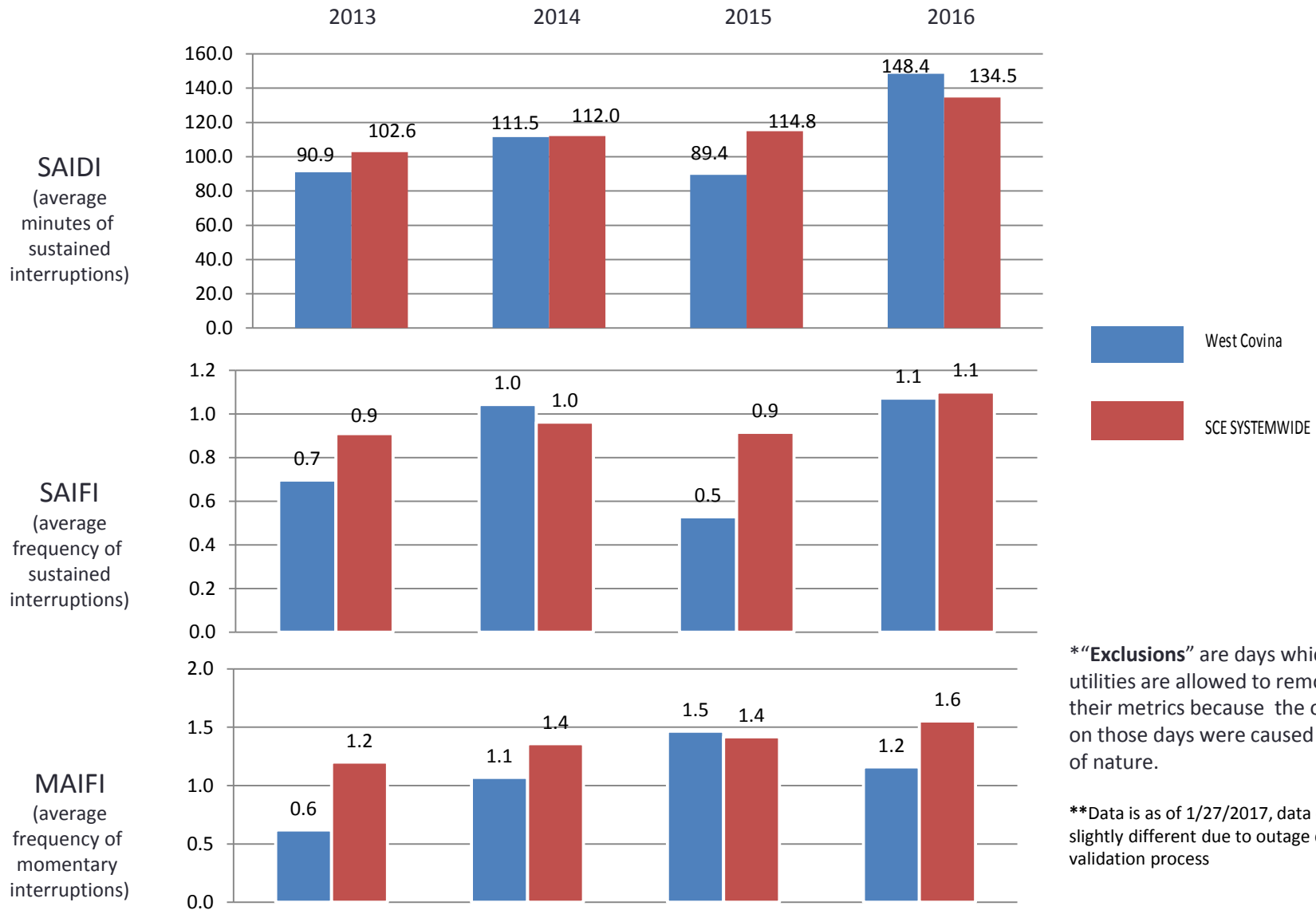
**In the columns showing "Rank," lower numbers indicate poorer performance.

Overview of West Covina

There are 39 circuits that serve West Covina

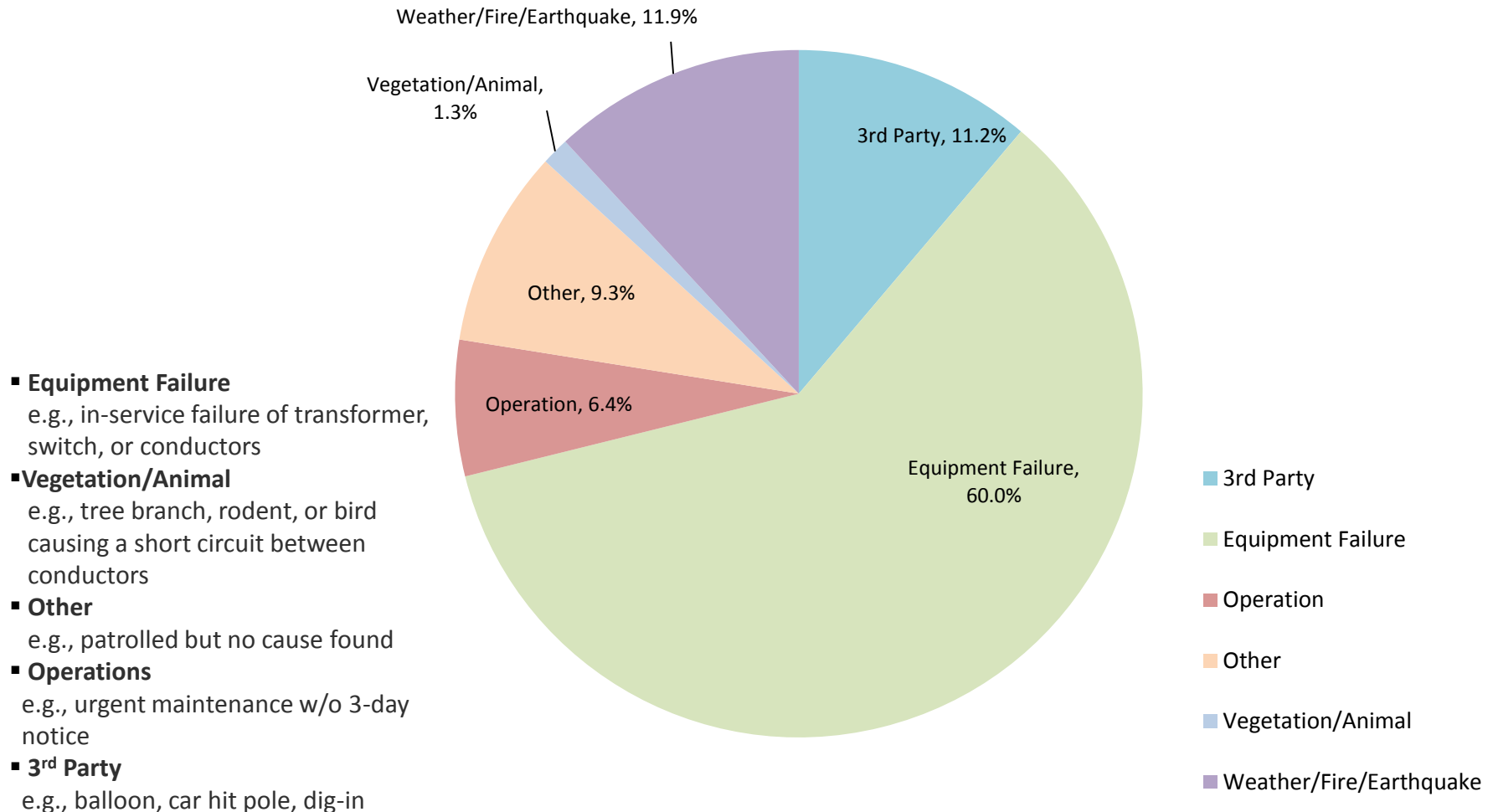
Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
AMAR(12KV)	2,722	RELISH(12KV)	1,461				
ANN(12KV)	2,152	SANDY(12KV)	1,473				
AZORES(12KV)	1,908	TOMMY(12KV)	1,809				
BARBARA(12KV)	1,286	TORCHLIGHT(12KV)	1,781				
BARBOSSA(12KV)	2,032	UNRUH(12KV)	2,148				
BARDO(12KV)	2,103	VALIANT(12KV)	1,969				
BEEZWAX(12KV)	897	VALINDA(12KV)	1,887				
BOBBY(12KV)	1,624	VALSUN(12KV)	1,125				
BOSCO(12KV)	532	WESTFIELD(12KV)	76				
BREN(12KV)	1,922						
CALYPSO(12KV)	1,626						
COUPLER(12KV)	2,573						
COWCATCHER(12KV)	1,595						
DANUBE(12KV)	1,245						
DEANNA(12KV)	2,214						
DENISE(12KV)	1,659						
DUNKIRK(12KV)	2,145						
ELEANOR(12KV)	2,579						
GARTEL(12KV)	1,100						
GERTRUDE(12KV)	1,458						
GRINDER(12KV)	1,188						
HERRING(12KV)	1,733						
IRENE(12KV)	526						
KERMIT(12KV)	2,389						
LEETUM(12KV)	1,345						
LEVEL(12KV)	2,223						
LYNNE(12KV)	2,272						
MAYBELL(12KV)	1,630						
MEDAL(12KV)	1,535						
PETRI(12KV)	2,986						
Grand Total	66,928						

Reliability History of Circuits Serving West Covina (No Exclusions)



Causes of Repair Outages in West Covina Circuits 2016 YTD

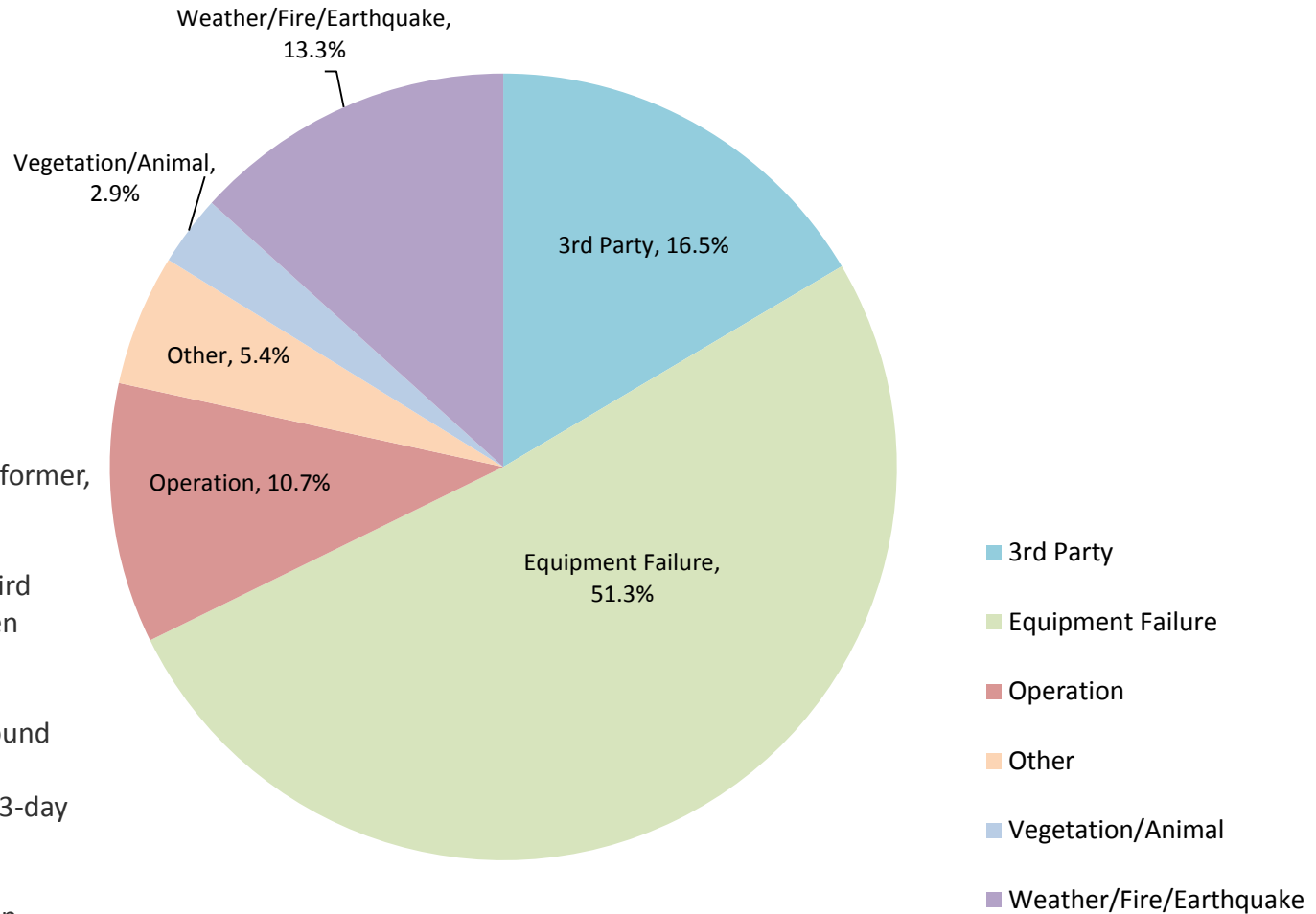
Contributions to SAIDI by Outage Cause



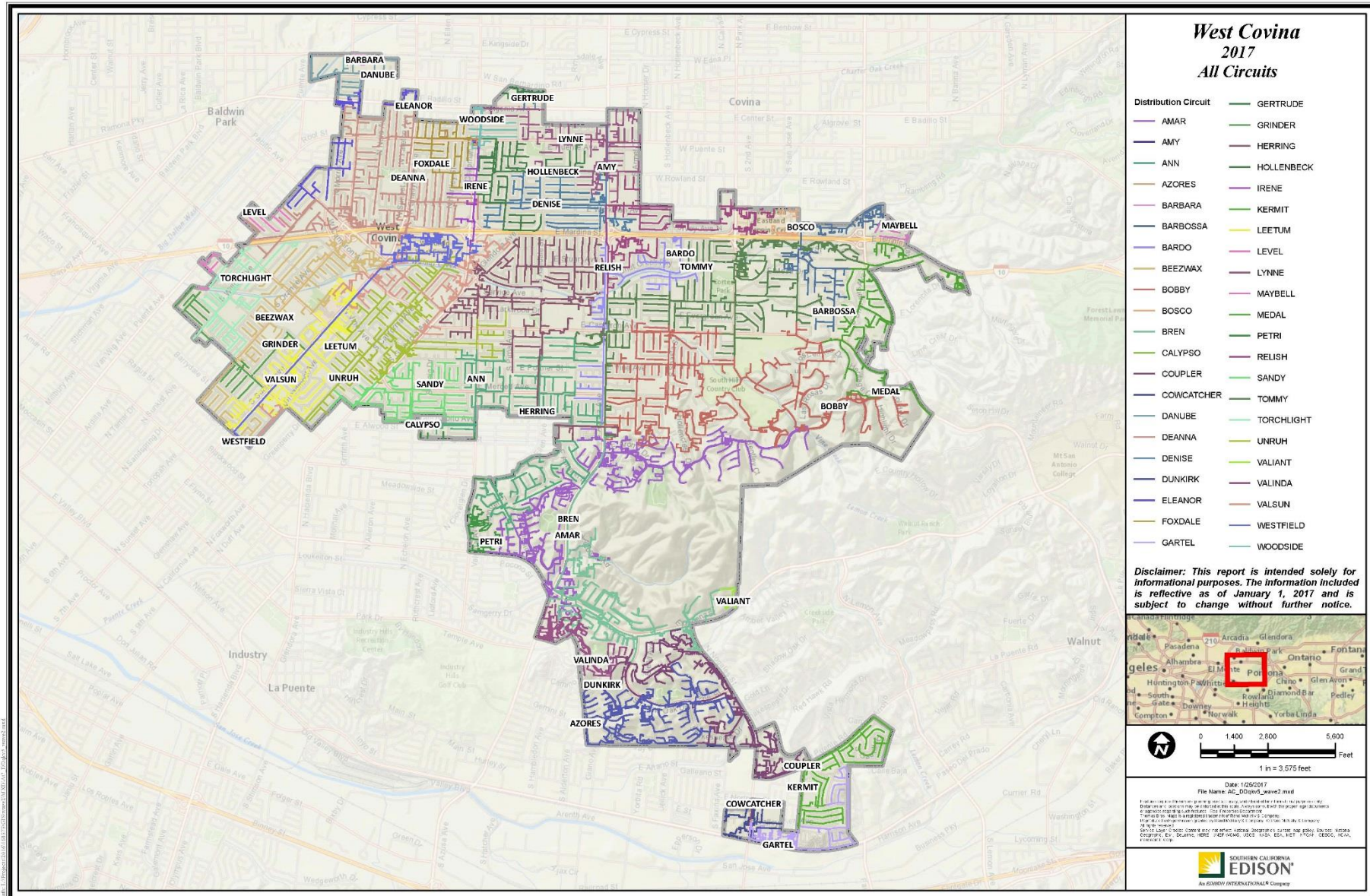
SAIDI = the cumulative amount of time the average customer is interrupted by “sustained” outages each year.

Causes of Repair Outages in West Covina 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 West Covina

Updated through Year-End 2016

Average Reliability of 39 Circuits Serving West Covina

	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
West Covina	90.9	0.7	0.6	111.5	1.0	1.1	89.4	0.5	1.5	36.0	0.2	0.4	27.6	0.2	0.2	42.2	0.2	0.1	42.6	0.3	0.5	148.4	1.1	1.2
3rd Party	42%	26%	41%	31%	28%	13%	31%	25%	24%	0%	0%	57%	37%	28%	7%	7%	19%	15%	9%	17%	14%	11%	17%	27%
Equipment Failure	36%	28%	17%	41%	36%	19%	42%	40%	30%	23%	45%	2%	53%	39%	18%	81%	53%	26%	75%	63%	38%	60%	51%	22%
Operation	9%	19%	0%	16%	18%	7%	14%	19%	7%	9%	6%	5%	10%	33%	17%	5%	5%	10%	3%	2%	0%	6%	11%	5%
Other	8%	8%	17%	1%	4%	30%	7%	7%	18%	30%	11%	7%	0%	0%	57%	4%	11%	18%	3%	1%	19%	9%	5%	21%
Vegetation/Animal	1%	4%	7%	6%	8%	25%	2%	5%	18%	0%	1%	0%	0%	0%	0%	3%	11%	0%	1%	1%	10%	1%	3%	4%
Weather/Fire/Earthquake	5%	15%	19%	5%	6%	6%	3%	3%	3%	37%	38%	29%	0%	0%	0%	1%	0%	32%	9%	15%	19%	12%	13%	21%
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 West Covina

	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
AMAR(12KV) - Customers: 2,722	5.8	0.0	0.0	74.0	1.2	1.3	65.1	1.1	1.3	0.0	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	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%	75%	90%	57%	94%	97%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	25%	10%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	6%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	43%	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%
ANN(12KV) - Customers: 2,152	91.9	0.1	1.0	59.9	0.1	1.6	42.3	0.1	1.0	24.2	0.0	0.0	3.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	1.0
3rd Party	88%	73%	100%	0%	0%	64%	3%	7%	99%	1%	12%	0%	8%	44%	0%	0%	0%	0%	0%	0%	2%	17%	0%	0%
Equipment Failure	0%	0%	0%	6%	4%	0%	39%	26%	1%	99%	88%	0%	92%	56%	0%	0%	0%	0%	0%	0%	98%	83%	0%	0%
Operation	12%	27%	0%	83%	60%	36%	11%	27%	1%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%	0%
Other	0%	0%	0%	0%	0%	0%	3%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	12%	36%	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%	44%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
AZORES(12KV) - Customers: 1,908	403.0	3.4	1.0	41.1	1.0	0.0	824.8	2.3	4.9	2.2	0.0	0.0	172.0	2.0	1.0	0.4	0.0	0.0	547.4	2.3	2.5	722.0	4.3	3.5
3rd Party	45%	64%	100%	63%	98%	0%	81%	56%	60%	0%	0%	0%	34%	50%	1%	0%	0%	0%	8%	44%	0%	14%	47%	0%
Equipment Failure	52%	35%	0%	37%	2%	0%	1%	0%	0%	100%	100%	0%	66%	50%	1%	0%	0%	0%	92%	56%	59%	86%	53%	42%
Operation	2%	1%	0%	0%	0%	0%	19%	44%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	99%	0%	0%	0%	0%	0%	41%	0%	0%	58%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	20%	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%
BARBARA(12KV) - Customers: 1,286	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.9	5.0	0.0	0.0	13.8	0.0	0.0	6.8	0.0	0.0	25.6	0.1	0.9
3rd Party	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	92%	85%	0%	100%	100%	0%	100%	100%	0%	98%	97%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	8%	15%	0%	0%	0%	0%	0%	0%	0%	2%	3%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving West Covina

	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
BARBOSSA(12KV) - Customers: 2,032	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	0.2	0.0	2.0
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%	50%
Equipment Failure	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	50%
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%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BARDO(12KV) - Customers: 2,103	14.5	1.0	0.0	56.0	0.7	0.0	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.1	0.0	15.0	0.1	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	42%	0%	17%	42%	0%
Equipment Failure	100%	100%	0%	92%	100%	0%	40%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	8%	0%	0%	60%	80%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	1%	3%	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%	82%	55%	0%	82%	55%	0%
BEEZWAX(12KV) - Customers: 897	0.0	0.0	0.0	113.7	1.1	0.9	212.6	1.5	2.0	0.0	0.0	0.0	16.0	1.0	1.0	19.8	1.0	1.0	85.1	0.4	0.0	120.9	2.4	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	96%	100%	53%	1%	0%	0%	0%	0%	16%	41%	51%
Equipment Failure	0%	0%	0%	9%	1%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	47%	99%	0%	80%	70%	0%	64%	52%	0%
Operation	0%	0%	0%	11%	91%	0%	0%	0%	0%	0%	0%	0%	44%	4%	0%	0%	0%	100%	0%	0%	0%	6%	2%	49%
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%	80%	7%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	30%	0%	14%	5%	0%
BOBBY(12KV) - Customers: 1,624	41.3	0.1	1.8	62.1	1.1	1.0	38.0	0.1	3.0	22.4	0.1	0.0	2.2	0.0	0.0	6.0	0.0	1.0	2.6	0.0	0.0	33.1	0.1	1.0
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	32%	45%	0%	42%	6%	0%	0%	0%	33%	93%	87%	0%	0%	0%	0%	37%	15%	0%	0%	0%	0%	70%	41%	0%
Operation	12%	25%	0%	33%	91%	0%	45%	69%	0%	7%	13%	0%	0%	0%	0%	10%	13%	0%	0%	0%	0%	6%	9%	0%
Other	1%	1%	46%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	40%	62%	100%	0%	0%	0%	14%	32%	100%
Vegetation/Animal	0%	1%	0%	8%	2%	0%	9%	17%	0%	0%	0%	0%	0%	0%	0%	14%	11%	0%	100%	100%	0%	10%	19%	0%
Weather/Fire/Earthquake	55%	28%	54%	17%	1%	0%	46%	14%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving West Covina

	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
BOSCO(12KV) - Customers: 532	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	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%	49%	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%	100%	0%	0%	51%	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%
BREN(12KV) - Customers: 1,922	80.8	0.1	0.0	211.7	2.3	3.7	38.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4	0.3	0.0	0.0	0.0	0.0	41.4	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	100%	100%	0%	93%	95%	46%	89%	55%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	3%	4%	0%	11%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	3%	2%	27%	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%	27%	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%
CALYPSO(12KV) - Customers: 1,626	53.8	0.2	1.0	21.8	0.2	1.9	14.0	0.1	2.0	22.3	0.1	0.0	2.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	0.1	1.0
3rd Party	6%	18%	0%	13%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	10%	13%	0%	71%	10%	0%	17%	7%	50%	34%	9%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	41%	12%	0%
Operation	27%	16%	0%	16%	69%	47%	83%	93%	0%	66%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%	88%	0%
Other	57%	52%	0%	0%	0%	53%	0%	0%	50%	0%	0%	0%	0%	0%	100%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
COUPLER(12KV) - Customers: 2,573	220.9	0.8	1.4	266.9	2.4	1.7	186.2	0.6	1.3	0.0	0.0	0.0	25.6	0.1	0.0	188.5	1.1	0.8	0.0	0.0	0.0	214.1	1.2	0.8
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	99%	98%	100%	67%	45%	0%	93%	79%	98%	0%	0%	0%	50%	19%	0%	87%	86%	100%	0%	0%	0%	83%	81%	100%
Operation	1%	2%	0%	0%	0%	0%	7%	21%	2%	0%	0%	0%	50%	81%	0%	13%	14%	0%	0%	0%	0%	17%	19%	0%
Other	0%	0%	0%	1%	13%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	32%	42%	58%	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 West Covina

	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
COWCATCHER(12KV) - Customers: 1,595	804.6	1.3	0.2	98.7	1.0	1.8	217.9	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	764.6	1.1	0.0	29.7	0.0	0.0	794.3	1.2	0.0
3rd Party	99%	99%	100%	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%	99%	100%	46%	99%	97%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Operation	0%	0%	0%	1%	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	54%	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%
DANUBE(12KV) - Customers: 1,245	0.0	0.0	0.8	97.9	0.1	0.0	11.0	0.0	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	8.7	0.0	1.2
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%	32%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	94%	77%	0%
Operation	0%	0%	0%	0%	0%	0%	68%	82%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	23%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DEANNA(12KV) - Customers: 2,214	0.6	0.0	1.0	99.4	2.3	3.1	89.4	1.0	1.0	51.7	1.0	1.0	0.0	0.0	0.0	68.2	1.1	0.0	26.1	0.1	0.0	146.0	2.1	1.0
3rd Party	0%	0%	100%	66%	61%	42%	75%	96%	0%	0%	0%	100%	0%	0%	0%	77%	95%	0%	0%	0%	0%	36%	47%	100%
Equipment Failure	0%	0%	0%	1%	0%	0%	8%	1%	0%	100%	100%	0%	0%	0%	0%	23%	5%	0%	0%	0%	0%	46%	49%	0%
Operation	0%	0%	0%	1%	0%	0%	17%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	62%	36%	0%	11%	2%	0%
Vegetation/Animal	100%	100%	0%	32%	39%	29%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	64%	0%	7%	3%	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%
DENISE(12KV) - Customers: 1,659	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	191.2	1.7	1.7	47.9	1.7	0.0	3.7	0.1	0.0	42.9	0.2	0.0	285.7	3.8	1.7
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	1%	2%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	17%	46%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	82%	96%	0%	12%	6%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	18%	4%	0%	70%	46%	100%

Reliability Histories for Individual Circuits Serving West Covina

	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
DUNKIRK(12KV) - Customers: 2,145	132.1	1.2	1.1	186.0	1.4	0.0	174.4	0.8	1.0	0.3	0.0	0.0	22.5	0.7	1.0	0.1	0.0	0.0	2.1	0.0	1.0	25.1	0.7	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	8%	0%	50%
Equipment Failure	14%	17%	0%	7%	2%	0%	100%	96%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	50%
Operation	0%	0%	0%	93%	98%	0%	0%	4%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	91%	100%	0%
Other	86%	83%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%
ELEANOR(12KV) - Customers: 2,579	3.5	0.0	2.0	14.5	0.0	0.0	217.7	0.3	0.9	0.9	0.0	0.9	0.0	0.0	0.0	6.3	0.0	0.0	5.0	0.0	1.1	12.1	0.0	1.9
3rd Party	0%	0%	100%	0%	0%	0%	69%	50%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%
Equipment Failure	100%	100%	0%	77%	30%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	23%	70%	0%	0%	0%	100%	100%	100%	0%	100%	100%	0%	100%	100%	0%	2%	13%	0%	60%	77%	0%
Other	0%	0%	0%	0%	0%	0%	31%	50%	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%	98%	87%	100%	40%	23%	55%
GARTEL(12KV) - Customers: 1,100	2.1	0.0	0.0	1.4	0.0	0.0	132.8	1.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	1.0	12.0	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%	10%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	25%	8%	0%	0%	0%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	90%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	100%	100%	0%	75%	92%	0%	0%	0%	46%	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%
GERTRUDE(12KV) - Customers: 1,458	0.0	0.0	0.0	118.4	1.0	1.0	56.3	0.9	0.1	0.0	0.0	0.9	249.7	1.0	0.1	0.0	0.0	0.0	28.3	0.1	0.0	278.0	1.0	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%	94%
Equipment Failure	0%	0%	0%	100%	100%	100%	100%	100%	100%	0%	0%	0%	99%	89%	100%	0%	0%	0%	0%	0%	0%	89%	83%	6%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	11%	0%	0%	0%	0%	0%	0%	0%	1%	10%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	10%	6%	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 West Covina

	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
GRINDER(12KV) - Customers: 1,188	109.1	0.9	0.0	0.7	0.0	0.0	44.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	78.2	0.9	0.1	79.4	0.9	0.1
3rd Party	0%	0%	0%	0%	0%	0%	66%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	100%	100%	97%	100%	100%
Equipment Failure	2%	0%	0%	0%	0%	0%	34%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	0%	0%
Operation	98%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	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%
HERRING(12KV) - Customers: 1,733	108.3	2.9	1.2	45.6	0.9	1.1	16.8	0.0	0.9	416.6	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	416.8	1.0	2.0
3rd Party	0%	0%	0%	85%	97%	13%	0%	0%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	2%	0%	0%	26%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	0%	0%	10%	1%	0%	73%	84%	1%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	2%	1%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	50%
Vegetation/Animal	3%	1%	0%	1%	0%	87%	1%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
Weather/Fire/Earthquake	96%	98%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
IRENE(12KV) - Customers: 526	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	283.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	283.0	0.8	1.2
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%
KERMIT(12KV) - Customers: 2,389	59.8	0.2	0.0	177.5	1.2	1.0	141.1	1.2	1.0	0.0	0.0	0.9	18.4	0.1	0.0	49.4	0.1	0.0	176.7	1.3	2.0	244.5	1.4	2.9
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%	32%
Equipment Failure	65%	65%	0%	100%	100%	0%	61%	17%	0%	0%	0%	0%	92%	39%	0%	100%	100%	0%	100%	100%	100%	99%	98%	68%
Operation	27%	20%	0%	0%	0%	0%	31%	81%	0%	0%	0%	0%	8%	61%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%
Other	8%	15%	0%	0%	0%	100%	8%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving West Covina

	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
LEETUM(12KV) - Customers: 1,345	75.3	1.0	1.0	366.4	2.0	0.0	21.5	0.1	3.0	49.3	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	50.3	0.3	2.0
3rd Party	98%	100%	0%	76%	50%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	2%	2%	0%
Equipment Failure	2%	0%	0%	24%	50%	50%	12%	13%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	83%	80%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	82%	78%	0%
Other	0%	0%	0%	0%	0%	0%	46%	64%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%
Vegetation/Animal	0%	0%	100%	0%	0%	0%	42%	22%	33%	17%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	16%	20%	50%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LEVEL(12KV) - Customers: 2,223	119.2	1.2	1.7	214.3	1.7	1.0	22.3	0.0	0.0	0.0	0.0	0.0	244.5	0.8	0.0	24.6	0.4	0.6	0.0	0.0	0.0	269.1	1.2	0.6
3rd Party	78%	14%	100%	25%	16%	0%	0%	0%	0%	0%	0%	0%	95%	98%	0%	92%	96%	100%	0%	0%	0%	95%	97%	100%
Equipment Failure	1%	1%	0%	1%	0%	100%	49%	46%	0%	0%	0%	0%	5%	2%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
Operation	22%	85%	0%	74%	84%	0%	51%	54%	0%	0%	0%	0%	0%	0%	0%	8%	4%	0%	0%	0%	0%	1%	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%	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%
LYNNE(12KV) - Customers: 2,272	5.9	0.0	0.9	293.8	0.8	0.3	0.1	0.0	1.0	122.2	0.9	1.6	6.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	128.8	1.0	1.6
3rd Party	0%	0%	0%	90%	81%	100%	0%	0%	0%	0%	0%	60%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	60%
Equipment Failure	100%	100%	0%	10%	19%	0%	0%	0%	0%	0%	0%	0%	86%	58%	0%	100%	100%	0%	0%	0%	0%	4%	1%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	14%	42%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	98%	40%
MAYBELL(12KV) - Customers: 1,630	34.7	0.2	0.0	38.2	0.2	3.0	139.1	1.7	3.2	7.6	0.0	0.0	16.4	0.0	0.0	29.9	0.1	0.0	0.0	0.0	1.0	53.8	0.1	1.0
3rd Party	0%	0%	0%	0%	0%	33%	28%	37%	74%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Equipment Failure	0%	0%	0%	44%	13%	0%	33%	49%	0%	0%	0%	0%	100%	100%	0%	91%	73%	0%	0%	0%	0%	81%	73%	0%
Operation	12%	40%	0%	7%	68%	0%	5%	2%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	11%	0%
Other	88%	60%	0%	0%	0%	33%	20%	4%	26%	0%	0%	0%	0%	0%	0%	9%	27%	0%	0%	0%	0%	5%	15%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	33%	13%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	49%	18%	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 West Covina

	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
MEDAL(12KV) - Customers: 1,535	56.3	2.7	2.0	129.0	1.7	2.0	138.7	0.8	5.0	46.7	0.7	0.4	0.5	0.0	0.0	10.8	0.2	0.1	0.0	0.0	1.0	58.0	0.9	1.5
3rd Party	63%	25%	50%	44%	51%	43%	2%	42%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	2%	1%	0%	82%	29%	20%	100%	100%	100%	0%	0%	0%	58%	95%	100%	0%	0%	0%	91%	99%	34%
Operation	24%	38%	0%	7%	25%	0%	16%	29%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	66%
Vegetation/Animal	12%	37%	50%	1%	1%	57%	0%	0%	20%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	45%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	41%	3%	0%	0%	0%	0%	8%	1%	0%
PETRI(12KV) - Customers: 2,986	50.0	0.2	0.0	73.3	1.1	0.0	3.8	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.0	3.1	0.5	0.0	22.9	0.5	0.0
3rd Party	0%	0%	0%	64%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	3%	1%	0%	29%	2%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	0%	100%	100%	100%
Operation	60%	49%	0%	8%	1%	0%	34%	56%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	37%	49%	0%	0%	0%	0%	66%	44%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
RELISH(12KV) - Customers: 1,461	7.0	0.1	0.0	67.0	0.3	1.0	16.7	0.1	0.0	0.0	0.0	0.0	19.0	0.9	0.0	8.6	0.0	1.8	207.7	0.9	0.0	235.4	1.8	1.8
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	84%	89%	100%	25%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	88%	48%	0%
Operation	10%	9%	0%	16%	11%	0%	75%	96%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	8%	51%	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	90%	91%	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%	100%	100%	100%	0%	0%	0%	4%	1%	100%
SANDY(12KV) - Customers: 1,473	74.0	0.7	0.4	136.3	0.6	0.0	2.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	104.2	1.6	0.4	107.8	1.6	0.4
3rd Party	100%	100%	100%	100%	100%	0%	16%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	37%	37%	100%	35%	37%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	84%	71%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	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%	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%	63%	63%	0%	61%	62%	0%

Reliability Histories for Individual Circuits Serving West Covina

	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
TOMMY(12KV) - Customers: 1,809	282.9	2.4	1.5	95.9	2.9	4.5	83.2	0.5	0.5	162.2	0.7	0.5	2.7	0.0	2.0	180.9	2.2	0.0	11.5	0.1	2.0	357.2	3.0	4.5
3rd Party	83%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	17%	59%	35%	30%	2%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	37%	9%	0%	9%	2%	50%	20%	7%	22%
Operation	0%	0%	0%	1%	0%	0%	1%	1%	0%	43%	31%	0%	0%	0%	0%	1%	1%	0%	68%	46%	0%	22%	9%	0%
Other	0%	0%	0%	23%	36%	22%	0%	0%	0%	0%	0%	0%	0%	0%	100%	36%	45%	0%	23%	52%	0%	19%	35%	44%
Vegetation/Animal	0%	0%	0%	0%	0%	22%	6%	2%	0%	0%	0%	0%	0%	0%	0%	26%	45%	0%	0%	0%	0%	13%	34%	0%
Weather/Fire/Earthquake	0%	0%	65%	46%	63%	55%	93%	97%	100%	57%	69%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%	26%	16%	34%
TORCHLIGHT(12KV) - Customers: 1,781	0.5	0.0	0.0	270.0	1.9	1.4	3.1	0.0	1.0	112.5	2.0	0.0	0.3	0.0	0.0	57.8	1.0	0.0	58.8	1.0	0.6	229.4	4.0	0.6
3rd Party	0%	0%	0%	95%	79%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	2%	1%	0%	66%	33%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	74%	75%	0%
Operation	100%	100%	0%	3%	20%	100%	34%	67%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	2%	0%	1%	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%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	97%	98%	100%	25%	25%	100%
UNRUH(12KV) - Customers: 2,148	19.9	1.0	0.0	6.9	0.0	0.0	88.2	1.1	3.3	47.2	0.0	1.0	16.9	0.1	0.0	18.5	0.1	0.0	59.3	1.5	0.3	141.9	1.7	1.2
3rd Party	0%	0%	0%	0%	0%	0%	5%	3%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	49%	15%	0%	2%	0%	31%	63%	60%	0%	100%	100%	0%	12%	14%	0%	100%	100%	100%	76%	94%	21%
Operation	93%	99%	0%	51%	85%	0%	39%	18%	31%	0%	0%	0%	0%	0%	0%	88%	86%	0%	0%	0%	0%	12%	5%	0%
Other	0%	0%	0%	0%	0%	0%	23%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	7%	1%	0%	0%	0%	0%	31%	66%	8%	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%	37%	40%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	1%	79%
VALIANT(12KV) - Customers: 1,969	289.6	1.0	0.2	167.1	1.3	1.4	38.4	0.0	2.9	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	97%	83%	100%	90%	97%	28%	94%	66%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	3%	17%	0%	10%	3%	0%	6%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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 West Covina

	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
VALINDA(12KV) - Customers: 1,887	0.0	0.0	0.0	100.6	1.1	0.0	22.3	0.1	1.0	0.0	0.0	0.0	46.3	1.1	0.0	0.0	0.0	0.0	84.1	1.2	0.0	130.4	2.3	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	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	37%	8%	0%	0%	0%	0%	91%	98%	0%	72%	54%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	63%	92%	0%	0%	0%	0%	9%	2%	0%	28%	46%	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%	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%	0%	0%	0%	0%	0%	0%	0%
VALSUN(12KV) - Customers: 1,125	101.9	1.1	1.0	0.0	0.0	0.0	63.6	0.1	1.0	0.0	0.0	0.0	114.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	114.4	0.1	0.0
3rd Party	29%	10%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	71%	90%	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%	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%	0%	0%	0%	0%	0%	0%	0%
WESTFIELD(12KV) - Customers: 76	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	0.0	0.0	0.0	0.0	329.1	3.6	0.0	329.1	3.6	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	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%