



Circuit Reliability Review **Industry**

January 2017

Providing Safe, Reliable, and Affordable Power

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

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

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

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

Understanding Your Reliability Report

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

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

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

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

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

Reliability Metrics

MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

MAIFI:

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

SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

SAIFI:

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

SAIDI:

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

Cities in the 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.

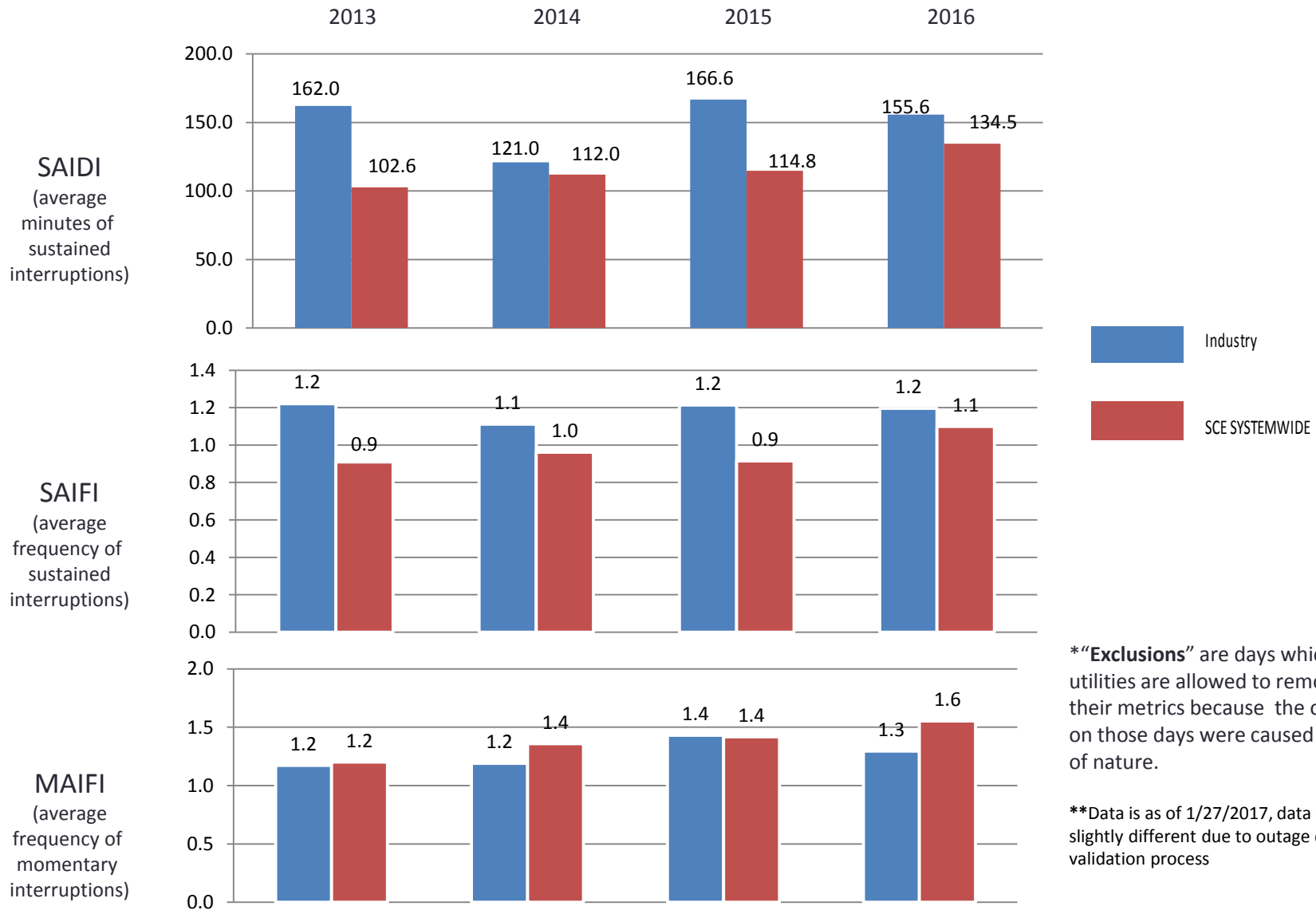
**In the columns showing "Rank," lower numbers indicate poorer performance.

Overview of Industry

There are 72 circuits that serve Industry

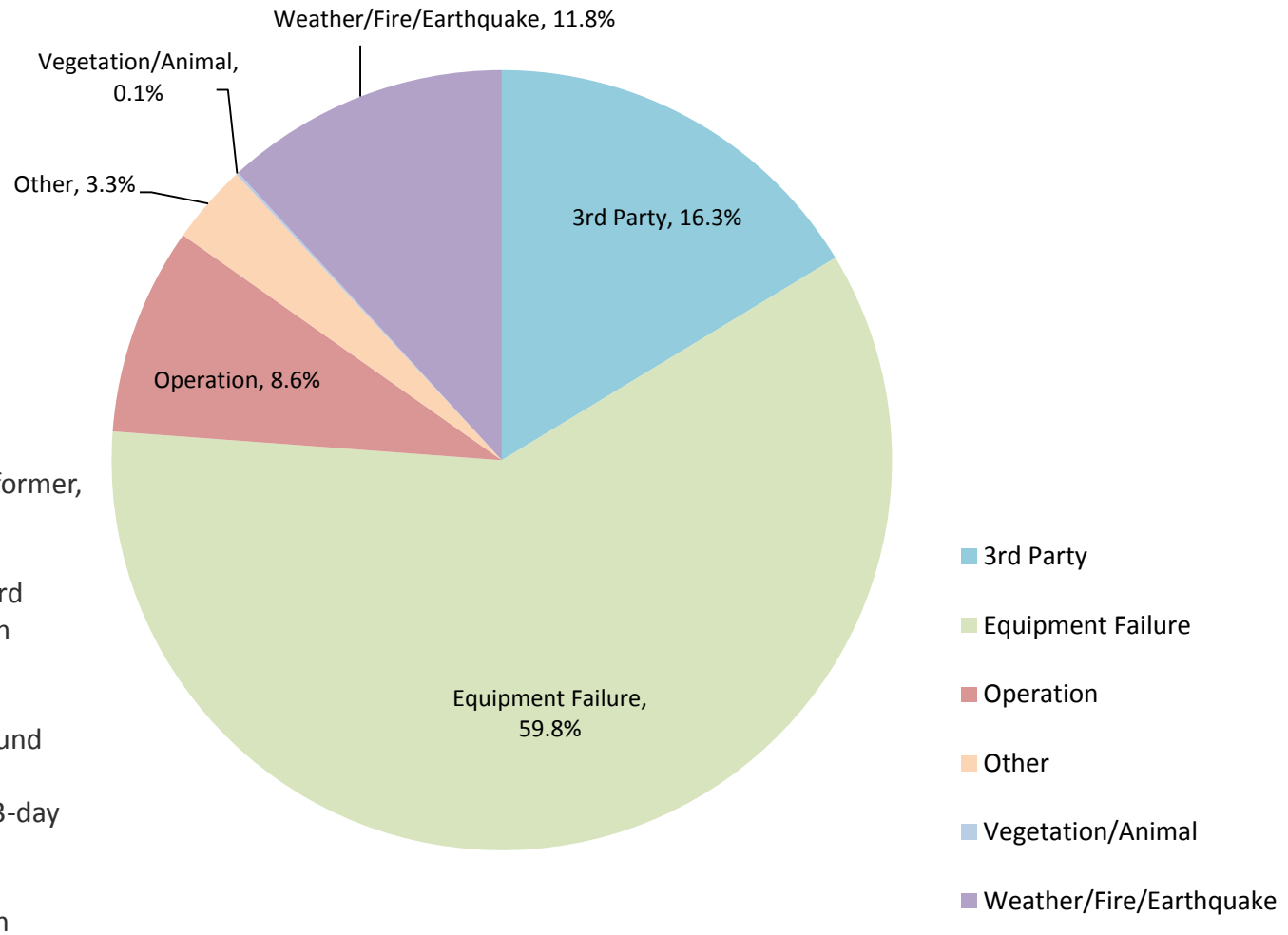
Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
AMTRAK(12KV)	35	GATLIN(12KV)	2,213	TOOL(12KV)	460		
ANTLER(12KV)	1,516	GEAR(12KV)	1,049	TRAIN(12KV)	1,754		
ASTON(12KV)	1,010	GONDOLA(12KV)	810	TRESTLE(12KV)	2,604		
ATHENA(12KV)	38	GRAZIDE(12KV)	1,084	TRIDENT(12KV)	1,167		
AZORES(12KV)	1,908	GRIDLOCK(12KV)	1,305	TURNBULL(12KV)	1,405		
BINNEY(12KV)	2,205	GRINDER(12KV)	1,188	TYHARD(12KV)	86		
BRAKEMAN(12KV)	1,704	HAHN(12KV)	941	UTOPIA(12KV)	591		
BRYCE(16KV)	2,755	HANDCAR(12KV)	1,179	VALIANT(12KV)	1,969		
CABOOSE(12KV)	1,774	HOBO(12KV)	139	VALINDA(12KV)	1,887		
CADILLAC(12KV)	407	ISIS(12KV)	763	WISE(12KV)	1,268		
CARR(12KV)	1,269	KERMIT(12KV)	2,389	WAHOO(12KV)	2,127		
CHELLA(12KV)	1,694	KWIS(12KV)	2,212	ZEUS(12KV)	30		
CONVEYOR(12KV)	1,401	LATHE(12KV)	395				
CORNWALL(12KV)	1,397	LAWSON(12KV)	36				
COUNTRYWOOD(12KV)	712	LEVEL(12KV)	2,223				
COUPLER(12KV)	2,573	LOCOMOTIVE(12KV)	1,497				
COWCATCHER(12KV)	1,595	MACHINE(12KV)	636				
CUPID(12KV)	44	MALLET(12KV)	2,748				
CYCLOPS(12KV)	236	MEDAL(12KV)	1,535				
DIE(12KV)	1,712	MILLENNIUM(12KV)	744				
DINER(12KV)	2,616	PANDORA(12KV)	447				
DUNKIRK(12KV)	2,145	PETRI(12KV)	2,986				
ENGINE(12KV)	121	POSEIDON(12KV)	164				
EXLINE(16KV)	2,801	ROCKHILL(12KV)	1,617				
FACTORY(12KV)	74	SHOPPER(12KV)	1,949				
FIELDGATE(12KV)	2,337	SHOW(12KV)	779				
FINISHLINE(12KV)	2,229	SPRINT(12KV)	887				
FOLGER(12KV)	843	STAFFORD(12KV)	1,931				
FUERTE(12KV)	1,664	SUBWAY(12KV)	31				
GARTEL(12KV)	1,100	SUZY(12KV)	236				
Grand Total	93,376						

Reliability History of Circuits Serving Industry (No Exclusions)



Causes of Repair Outages in Industry Circuits 2016 YTD

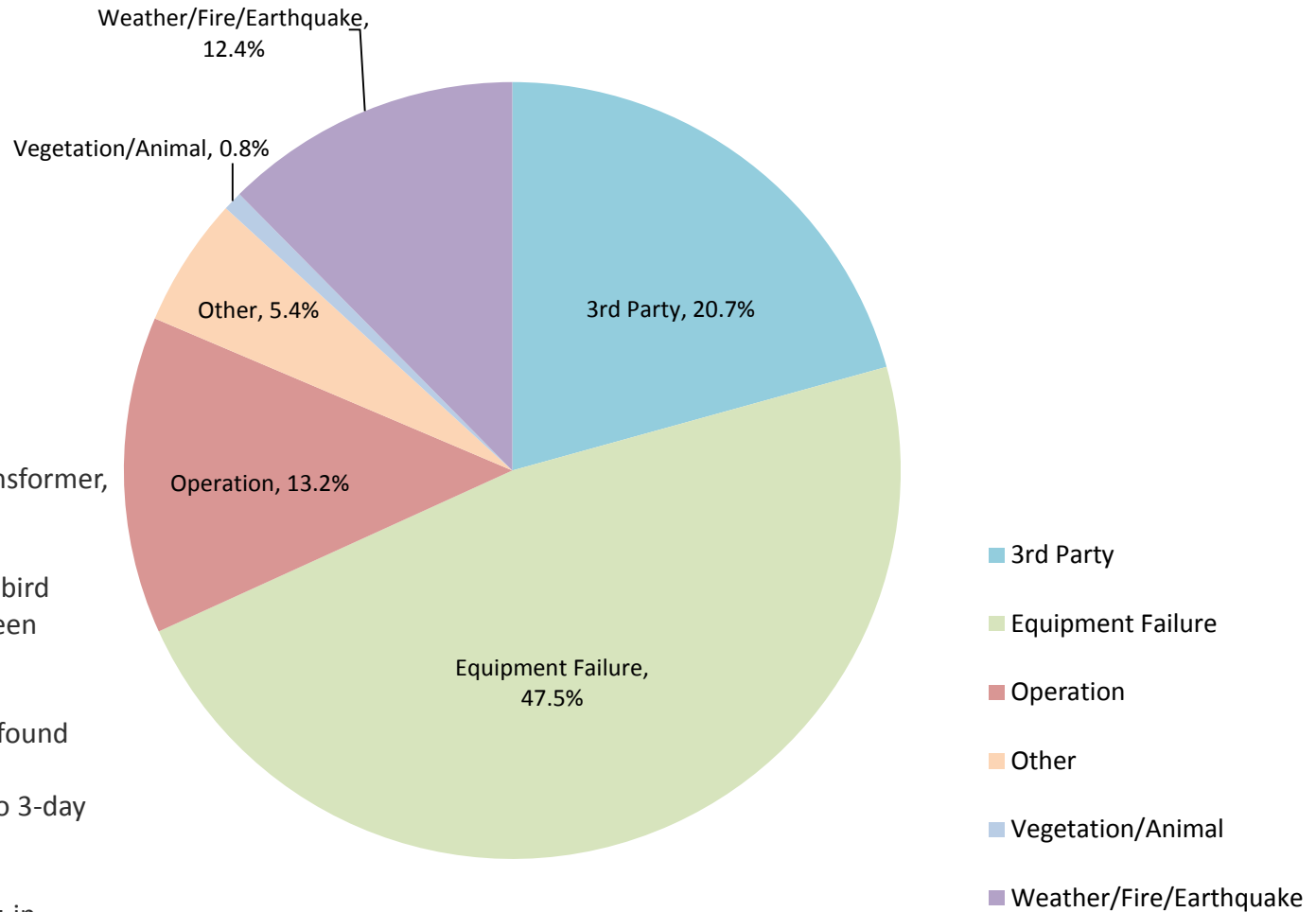
Contributions to SAIDI by Outage Cause



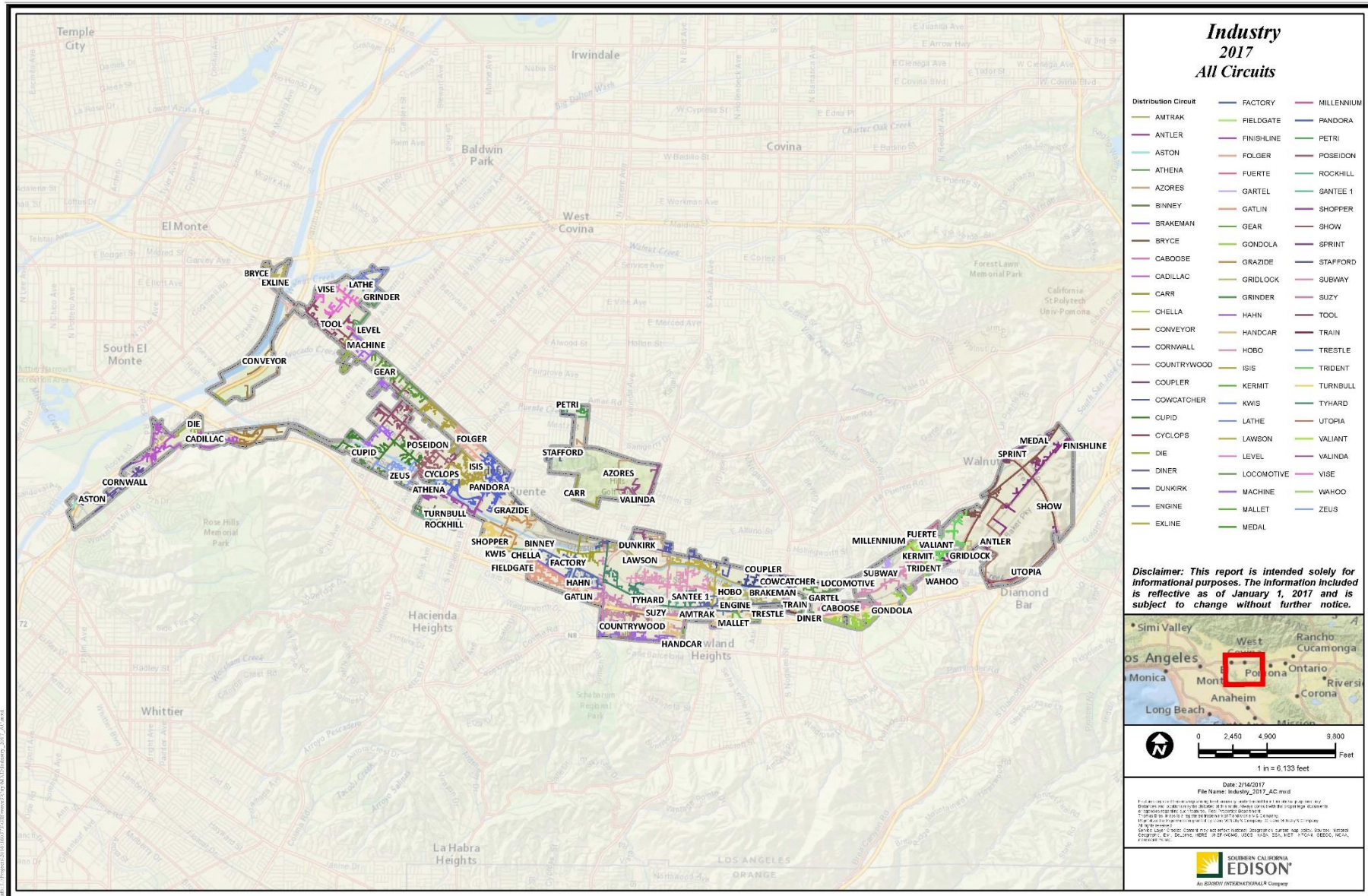
SAIDI = the cumulative amount of time the average customer is interrupted by “sustained” outages each year.

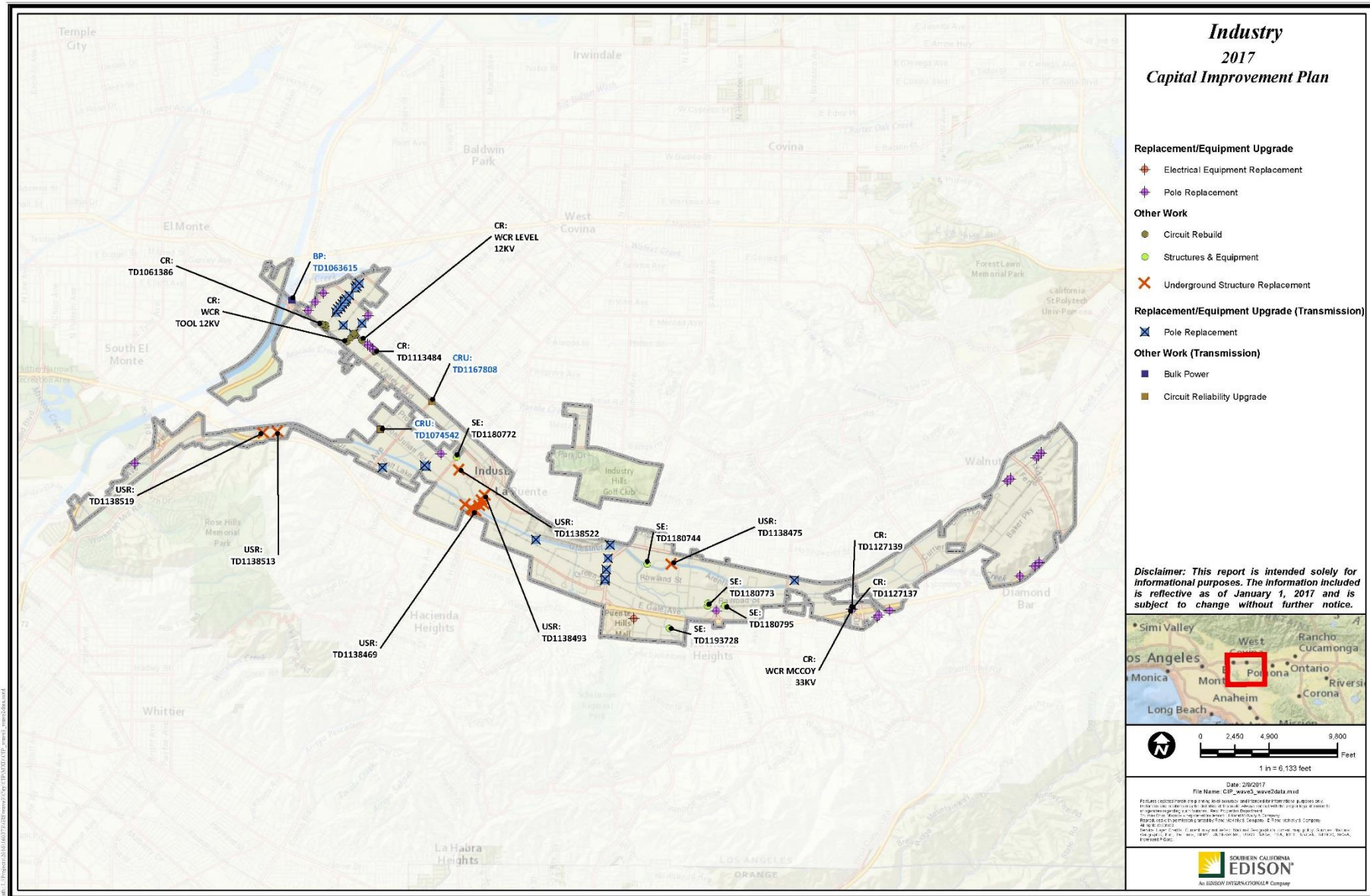
Causes of Repair Outages in Industry Circuits 2016 YTD

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 Industry

Updated through Year-End 2016

Average Reliability of 72 Circuits Serving Industry

	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
Industry	162.0	1.2	1.2	121.0	1.1	1.2	166.6	1.2	1.4	30.5	0.2	0.3	38.7	0.3	0.2	39.3	0.3	0.3	47.0	0.4	0.5	155.6	1.2	1.3
3rd Party	22%	24%	24%	9%	12%	12%	25%	22%	25%	9%	16%	35%	26%	24%	13%	20%	28%	26%	10%	14%	11%	16%	21%	20%
Equipment Failure	63%	53%	49%	59%	46%	22%	50%	52%	28%	43%	39%	20%	56%	48%	48%	70%	49%	37%	66%	51%	53%	60%	47%	42%
Operation	10%	15%	4%	16%	17%	4%	15%	13%	4%	17%	11%	6%	10%	21%	0%	5%	10%	3%	5%	10%	0%	9%	13%	2%
Other	3%	3%	11%	3%	7%	35%	5%	5%	13%	0%	0%	27%	5%	3%	29%	3%	9%	34%	5%	7%	28%	3%	5%	29%
Vegetation/Animal	3%	5%	6%	5%	10%	17%	1%	2%	24%	0%	0%	4%	0%	3%	4%	0%	0%	0%	0%	0%	4%	0%	1%	3%
Weather/Fire/Earthquake	0%	0%	6%	7%	9%	9%	4%	5%	7%	31%	33%	8%	3%	1%	5%	2%	3%	0%	15%	18%	5%	12%	12%	5%
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 Industry

	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
AMTRAK(12KV) - Customers: 35	0.0	0.0		0.0	0.0	0.0	162.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.1	0.0	0.0	0.0	0.0	7.4	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%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	47%	50%	0%	0%	0%	0%	47%	50%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	53%	50%	0%	0%	0%	0%	53%	50%	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%
ANTLER(12KV) - Customers: 1,516	125.3	0.6	0.5	74.5	0.2	1.0	47.8	0.6	4.6	0.0	0.0	0.0	7.1	0.1	0.0	52.1	1.0	1.0	0.0	0.0	0.0	59.2	1.1	1.0
3rd Party	26%	81%	100%	0%	0%	0%	11%	87%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	74%	19%	0%	0%	0%	0%	89%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	7%	33%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	12%	10%	0%
Other	0%	0%	0%	14%	33%	100%	0%	0%	23%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	88%	90%	100%
Vegetation/Animal	0%	0%	0%	79%	34%	0%	0%	0%	43%	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%
ASTON(12KV) - Customers: 1,010	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	146.5	0.1	1.0	5.0	0.0	0.0	0.0	0.0	0.0	151.5	0.2	1.0
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	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%	97%	71%	0%	0%	0%	0%	0%	0%	0%	94%	53%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	29%	0%	100%	100%	0%	0%	0%	0%	6%	47%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
ATHENA(12KV) - Customers: 38	165.5	1.1	2.0	26.7	0.0	1.0	71.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
3rd Party	46%	94%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	3%	1%	99%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	52%	5%	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%	100%	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 Industry

	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
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%
BINNEY(12KV) - Customers: 2,205	12.0	0.0	1.0	41.5	0.2	2.1	96.3	0.5	1.0	14.8	0.1	0.0	4.2	0.0	0.0	61.0	1.0	0.0	57.8	0.2	1.0	137.9	1.4	1.0
3rd Party	0%	0%	0%	0%	0%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	44%	72%	0%
Equipment Failure	97%	90%	100%	21%	5%	0%	69%	53%	99%	0%	0%	0%	100%	100%	0%	0%	0%	0%	92%	65%	100%	41%	12%	100%
Operation	3%	10%	0%	15%	49%	3%	4%	29%	1%	100%	100%	0%	0%	0%	0%	0%	0%	0%	8%	35%	0%	14%	17%	0%
Other	0%	0%	0%	64%	46%	0%	5%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	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%	21%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BRAKEMAN(12KV) - Customers: 1,704	459.5	4.1	1.0	100.0	1.7	0.6	95.1	1.2	1.0	55.9	0.9	0.0	0.0	0.0	0.0	15.1	0.0	1.0	0.0	0.0	0.0	71.0	0.9	1.0
3rd Party	43%	58%	0%	0%	0%	0%	40%	8%	0%	56%	68%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	44%	66%	0%
Equipment Failure	44%	35%	0%	0%	0%	0%	39%	85%	100%	37%	3%	0%	0%	0%	0%	100%	100%	1%	0%	0%	0%	50%	6%	1%
Operation	12%	7%	0%	12%	5%	0%	21%	7%	0%	7%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	28%	0%
Other	0%	0%	100%	7%	34%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	99%	0%	0%	0%	0%	0%	99%
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%	81%	61%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BRYCE(16KV) - Customers: 2,755	0.4	0.0	1.0	337.2	2.7	1.3	807.5	6.9	3.5	0.0	0.0	0.0	178.6	2.1	2.0	61.3	0.1	2.0	111.7	1.2	1.0	351.6	3.3	5.0
3rd Party	0%	0%	0%	0%	0%	77%	9%	15%	6%	0%	0%	0%	37%	39%	50%	91%	33%	50%	0%	0%	0%	35%	25%	40%
Equipment Failure	0%	0%	0%	68%	37%	0%	42%	71%	61%	0%	0%	0%	60%	59%	50%	0%	0%	0%	0%	0%	100%	31%	36%	40%
Operation	100%	100%	0%	1%	1%	0%	48%	15%	0%	0%	0%	0%	3%	3%	0%	9%	67%	0%	2%	0%	0%	3%	3%	0%
Other	0%	0%	0%	16%	26%	23%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	20%
Vegetation/Animal	0%	0%	100%	15%	36%	0%	0%	0%	28%	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%	100%	0%	31%	35%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
CABOOSE(12KV) - Customers: 1,774	6.4	0.0	0.0	276.9	2.4	1.3	117.7	1.7	1.0	10.3	0.1	0.0	3.2	0.0	1.0	65.5	0.8	0.7	8.3	0.0	1.0	87.3	0.8	2.7
3rd Party	0%	0%	0%	0%	0%	0%	91%	59%	100%	0%	0%	0%	0%	0%	0%	57%	58%	0%	0%	0%	0%	43%	52%	0%
Equipment Failure	52%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	43%	42%	100%	0%	0%	0%	36%	39%	63%
Operation	6%	9%	0%	80%	58%	0%	9%	41%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	7%	0%
Other	0%	0%	0%	0%	0%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	96%	80%	100%	9%	2%	37%
Vegetation/Animal	41%	80%	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%	20%	42%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	20%	0%	0%	0%	0%
CADILLAC(12KV) - Customers: 407	101.4	0.9	0.9	374.8	2.2	1.2	0.5	0.0	0.1	0.3	0.0	1.0	3.5	0.0	0.0	27.9	0.1	1.0	0.0	0.0	0.0	31.7	0.1	2.0
3rd Party	64%	93%	97%	0%	0%	0%	0%	0%	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	28%	0%
Equipment Failure	36%	6%	0%	74%	54%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	78%	62%	0%	0%	0%	0%	80%	48%	0%
Operation	0%	0%	0%	2%	1%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	22%	38%	0%	0%	0%	0%	19%	25%	0%
Other	0%	0%	0%	25%	45%	0%	0%	0%	50%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	3%	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%
CARR(12KV) - Customers: 1,269	98.4	1.6	2.4	27.3	1.1	1.0	574.3	2.1	1.0	31.3	0.1	0.9	20.3	0.1	0.0	10.0	1.0	0.0	0.0	0.0	0.0	61.7	1.2	0.9
3rd Party	52%	34%	60%	16%	9%	100%	85%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	24%	62%	40%	21%	1%	0%	5%	48%	0%	0%	0%	0%	27%	5%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%
Operation	24%	4%	0%	63%	91%	0%	0%	1%	0%	0%	0%	0%	73%	95%	0%	0%	0%	0%	0%	0%	0%	24%	8%	0%
Other	0%	0%	0%	0%	0%	0%	10%	3%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	16%	83%	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%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	51%	8%	100%
CHELLA(12KV) - Customers: 1,694	353.3	2.3	3.0	67.6	2.0	1.0	315.2	3.0	1.8	4.5	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	25.0	0.9	0.0	32.2	0.9	0.0
3rd Party	44%	45%	0%	0%	0%	0%	1%	1%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	3%	0%
Equipment Failure	47%	48%	33%	0%	0%	0%	10%	5%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	8%	0%	0%
Operation	9%	8%	0%	23%	2%	0%	12%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	54%	97%	0%	42%	94%	0%
Other	0%	0%	0%	0%	0%	0%	16%	34%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	19%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	67%	57%	49%	100%	62%	55%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	3%	0%	36%	3%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
CONVEYOR(12KV) - Customers: 1,401	37.8	2.1	3.0	347.5	6.2	7.6	17.2	1.0	1.0	223.7	2.0	1.0	85.3	0.2	0.8	0.0	0.0	0.0	9.6	0.0	0.0	318.7	2.2	1.8
3rd Party	0%	0%	0%	16%	16%	13%	70%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	2%	0%	33%	68%	63%	40%	18%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	1%	54%
Operation	64%	52%	33%	0%	0%	0%	12%	1%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
Other	35%	48%	33%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	6%	16%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	10%	5%	9%	0%	0%	0%	98%	99%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	96%	98%	46%
CORNWALL(12KV) - Customers: 1,397	267.0	3.9	3.4	226.1	0.3	0.0	53.0	0.8	0.3	0.0	0.0	0.0	264.7	1.2	0.0	0.9	0.0	0.0	2.7	0.0	0.0	268.3	1.2	0.0
3rd Party	73%	56%	88%	0%	0%	0%	62%	92%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	16%	1%	0%	99%	97%	0%	7%	1%	0%	0%	0%	0%	63%	9%	0%	100%	100%	0%	0%	0%	0%	63%	9%	0%
Operation	6%	27%	0%	1%	3%	0%	31%	7%	0%	0%	0%	0%	37%	91%	0%	0%	0%	0%	0%	0%	0%	36%	89%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	1%	2%	0%
Vegetation/Animal	5%	17%	12%	0%	0%	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%	0%	0%	0%	0%	0%	0%
COUNTRYWOOD(12KV) - Customers: 712	0.0	0.0	1.0	160.6	2.0	2.0	201.3	0.7	0.0	0.0	0.0	0.0	328.0	1.1	0.0	0.0	0.0	0.0	62.4	2.5	0.8	390.4	3.7	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	0%	0%	100%	100%	100%	100%	35%	31%	0%	0%	0%	0%	99%	97%	0%	0%	0%	0%	100%	100%	100%	99%	99%	100%
Operation	0%	0%	0%	0%	0%	0%	65%	69%	0%	0%	0%	0%	1%	3%	0%	0%	0%	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%
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 Industry

	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%
CUPID(12KV) - Customers: 44	43.3	1.0	0.0	136.7	0.3	0.8	155.6	2.0	0.0	9.2	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	9.2	0.0	4.3
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%	100%	100%	100%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	87%
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%	100%	0%	0%	13%
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%
CYCLOPS(12KV) - Customers: 236	26.1	1.1	1.9	0.0	0.0	0.0	36.5	0.0	0.0	0.0	0.0	0.0	9.6	0.1	1.0	11.6	0.0	0.0	129.9	1.0	5.9	151.1	1.1	6.9
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	14%
Equipment Failure	92%	92%	52%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	86%	92%	0%
Operation	8%	8%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	14%	8%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	57%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	0%	14%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	0%	14%
DIE(12KV) - Customers: 1,712	91.8	0.8	0.7	176.2	1.2	1.0	21.7	0.2	1.1	82.8	1.0	1.0	33.6	0.2	0.0	0.0	0.0	1.0	6.1	0.0	3.1	122.5	1.2	5.0
3rd Party	0%	0%	0%	0%	0%	0%	66%	76%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	99%	100%	100%	96%	98%	100%	0%	0%	100%	99%	97%	100%	100%	100%	0%	0%	0%	0%	100%	100%	100%	99%	97%	80%
Operation	0%	0%	0%	2%	1%	0%	3%	14%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%
Other	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	20%
Vegetation/Animal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	31%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
DINER(12KV) - Customers: 2,616	151.7	1.1	0.0	148.2	1.1	1.0	183.4	3.0	2.7	265.4	1.3	0.7	17.1	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	285.1	1.3	0.7
3rd Party	0%	0%	0%	85%	94%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	99%	96%	0%	1%	1%	0%	69%	75%	50%	86%	50%	50%	100%	89%	0%	100%	100%	0%	0%	0%	0%	87%	51%	50%
Operation	1%	3%	0%	15%	5%	0%	17%	4%	0%	0%	0%	0%	0%	11%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	1%	0%	0%	0%	0%	0%	13%	21%	50%	14%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	48%	50%
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%	0%	100%	100%	100%	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%
ENGINE(12KV) - Customers: 121	0.5	0.0	0.0	376.0	1.0	1.0	96.4	1.0	0.0	14.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.5	0.0
3rd Party	0%	0%	0%	100%	100%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%
EXLINE(16KV) - Customers: 2,801	27.2	0.6	1.0	36.3	0.8	3.4	0.0	0.0	4.6	9.4	0.0	1.5	0.0	0.0	0.0	5.4	0.0	0.0	1.1	0.0	2.1	15.9	0.0	3.6
3rd Party	15%	5%	100%	0%	0%	0%	0%	0%	43%	0%	0%	63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	26%
Equipment Failure	1%	0%	0%	80%	77%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	50%	41%	45%	29%
Operation	84%	95%	0%	20%	23%	30%	0%	0%	0%	100%	100%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%	55%	16%
Other	0%	0%	0%	0%	0%	29%	0%	0%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	29%
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%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
FACTORY(12KV) - Customers: 74	152.7	1.0	0.0	0.0	0.0	0.0	169.8	0.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	0.0	0.0	41.7	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	100%	100%	0%	0%	0%	0%	100%	100%	100%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
FIELDGATE(12KV) - Customers: 2,337	229.6	2.0	2.6	11.0	0.0	2.0	238.6	1.6	0.0	189.1	1.0	0.0	71.9	1.0	0.3	0.0	0.0	0.0	131.2	0.7	1.7	392.3	2.7	2.0
3rd Party	29%	54%	0%	0%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	83%	96%	41%	28%	24%	35%
Equipment Failure	29%	7%	76%	100%	100%	0%	81%	77%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	17%	4%	59%	24%	39%	65%
Operation	42%	39%	24%	0%	0%	0%	18%	21%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	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%	99%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	37%	0%
FINISHLINE(12KV) - Customers: 2,229	21.9	0.1	0.0	27.2	0.1	1.0	3.3	0.1	2.0	0.0	0.0	0.0	11.2	0.1	0.0	23.3	0.1	0.0	0.0	0.0	0.0	34.6	0.1	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	83%	41%	0%	18%	4%	0%	0%	0%	0%	100%	100%	0%	87%	62%	0%	0%	0%	0%	91%	82%	0%
Operation	6%	6%	0%	0%	0%	0%	82%	96%	0%	0%	0%	0%	0%	0%	0%	13%	38%	0%	0%	0%	0%	9%	18%	0%
Other	70%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	25%	61%	0%	17%	59%	100%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
FOLGER(12KV) - Customers: 843	96.2	1.1	0.0	15.9	1.3	0.0	69.1	0.2	3.0	28.9	0.1	0.0	0.8	0.0	1.1	96.7	1.2	0.0	0.0	0.0	0.0	126.4	1.3	1.1
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	0%	0%	0%	0%	0%	0%	10%	2%	0%	0%	0%	0%	100%	100%	100%	22%	6%	0%	0%	0%	0%	18%	6%	100%
Operation	73%	90%	0%	100%	100%	0%	79%	43%	33%	96%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	4%	0%
Other	27%	10%	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%	11%	55%	33%	4%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	78%	94%	0%	0%	0%	0%	60%	90%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
FUERTE(12KV) - Customers: 1,664	232.5	2.1	3.0	183.9	3.1	2.0	9.2	0.1	1.0	23.6	0.1	0.0	25.9	0.1	0.0	85.2	2.0	0.4	30.7	0.6	0.4	165.4	2.8	0.7
3rd Party	0%	0%	0%	0%	0%	50%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	3%	0%
Equipment Failure	100%	98%	67%	99%	99%	0%	71%	10%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%	100%	100%	100%	86%	97%	100%
Operation	0%	2%	0%	1%	1%	0%	21%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	33%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	8%	14%	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%
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%
GATLIN(12KV) - Customers: 2,213	282.0	4.4	5.8	185.2	2.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.9	13.7	0.1	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	68%	96%	100%	92%	93%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	84%	38%	2%
Operation	32%	4%	0%	8%	7%	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%	100%	100%	100%	16%	62%	98%
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%
GEAR(12KV) - Customers: 1,049	8.3	0.1	0.0	253.6	0.9	0.2	453.0	1.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	4.7	0.0	0.0	3.2	0.1	0.0	12.5	0.1	0.0
3rd Party	85%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	76%	97%	0%	100%	100%	0%	100%	100%	0%	91%	99%	0%
Equipment Failure	15%	3%	0%	97%	96%	100%	0%	0%	0%	0%	0%	0%	24%	3%	0%	0%	0%	0%	0%	0%	0%	9%	1%	0%
Operation	0%	0%	0%	3%	4%	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%	100%	100%	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 Industry

	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
GONDOLA(12KV) - Customers: 810	45.7	0.1	1.2	86.3	0.1	0.0	6.8	0.1	0.0	0.0	0.0	0.0	62.2	0.3	0.0	30.4	1.0	0.0	0.0	0.0	0.0	92.6	1.3	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	96%	0%	78%	2%	0%	0%	0%	0%	91%	22%	0%
Equipment Failure	47%	21%	0%	99%	70%	0%	88%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	51%	77%	14%	1%	30%	100%	12%	2%	0%	0%	0%	0%	2%	4%	0%	22%	98%	0%	0%	0%	0%	9%	78%	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	2%	1%	86%	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%
GRAZIDE(12KV) - Customers: 1,084	78.4	0.2	1.0	0.5	0.0	1.0	404.0	3.0	1.0	0.0	0.0	0.0	2.1	0.0	0.0	8.0	1.0	0.0	158.0	1.0	0.0	168.2	2.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	18%	33%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	100%	0%	0%	100%	80%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	100%	100%	0%	0%	1%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	6%	51%	0%
Other	0%	0%	0%	0%	0%	0%	3%	33%	96%	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%	100%	100%	100%	94%	49%	100%
GRIDLOCK(12KV) - Customers: 1,305	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.5	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	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
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%

Reliability Histories for Individual Circuits Serving Industry

	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
HAHN(12KV) - Customers: 941	13.6	0.1	0.0	0.0	0.0	0.0	36.5	0.4	0.0	23.7	0.1	0.0	0.0	0.0	0.0	20.7	1.0	0.0	580.3	2.2	0.1	624.7	3.3	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	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	90%	62%	100%	87%	72%	100%
Operation	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	10%	38%	0%	13%	28%	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%
HANDCAR(12KV) - Customers: 1,179	8.6	0.0	0.0	198.6	1.2	1.0	34.4	0.1	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	83.6	0.1	0.0	87.3	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%	94%	94%	100%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	100%	100%	0%	6%	6%	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%
HOBO(12KV) - Customers: 139	101.5	2.7	0.0	0.0	0.0	0.0	267.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.7	0.3	1.0	0.0	0.0	0.0	59.7	0.3	1.0
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	100%
Equipment Failure	49%	25%	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	51%	75%	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%
ISIS(12KV) - Customers: 763	174.8	1.0	2.0	100.8	1.0	0.0	15.3	0.0	1.0	0.0	0.0	0.0	7.0	1.0	1.0	0.0	0.0	0.0	231.5	1.0	3.0	238.5	2.0	4.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	100%	96%	98%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	97%	67%	97%	50%	50%
Operation	0%	0%	0%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	1%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	33%	3%	49%	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%

Reliability Histories for Individual Circuits Serving Industry

	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
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%
KWIS(12KV) - Customers: 2,212	72.0	0.5	1.2	34.1	0.4	0.0	289.8	2.1	0.9	14.0	0.1	1.0	1.4	0.0	0.0	124.5	1.0	0.0	0.0	0.0	0.0	139.9	1.1	1.0
3rd Party	10%	62%	86%	11%	10%	0%	28%	47%	91%	53%	12%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	1%	100%
Equipment Failure	88%	36%	14%	52%	8%	0%	71%	48%	9%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	89%	93%	0%
Operation	2%	2%	0%	37%	82%	0%	1%	4%	0%	47%	88%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	6%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LATHE(12KV) - Customers: 395	6.5	0.0	0.0	231.6	1.0	0.0	85.8	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	1.1	0.0	0.0	0.0	0.0	72.0	1.1	0.0
3rd Party	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	91%	89%	0%	0%	0%	0%	95%	90%	100%	0%	0%	0%	0%	0%	0%	85%	96%	0%	0%	0%	0%	85%	96%	0%
Operation	9%	11%	0%	0%	0%	0%	5%	10%	0%	0%	0%	0%	0%	0%	0%	15%	4%	0%	0%	0%	0%	15%	4%	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%
LAWSON(12KV) - Customers: 36	42.9	0.2	0.0	266.8	0.3	0.8	114.5	1.0	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%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	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%

Reliability Histories for Individual Circuits Serving Industry

	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%
MILLENNIUM(12KV) - Customers: 744	578.5	3.2	0.3	87.0	1.2	1.0	338.2	3.0	2.1	0.0	0.0	0.0	0.0	0.0	1.6	0.3	0.0	0.6	0.0	0.0	0.0	0.3	0.0	2.2
3rd Party	0%	0%	0%	0%	0%	0%	35%	32%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	94%	92%	100%	91%	95%	4%	51%	37%	2%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	27%
Operation	5%	8%	0%	9%	5%	0%	0%	0%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	96%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	73%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	13%	32%	49%	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%
PANDORA(12KV) - Customers: 447	385.1	2.2	1.7	40.7	0.1	1.0	0.0	0.0	0.0	144.2	1.3	0.0	375.2	4.9	1.3	62.5	0.9	0.4	0.0	0.0	0.8	581.9	7.1	2.5
3rd Party	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	41%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%	99%	97%	100%	0%	0%	0%	100%	100%	67%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	59%	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%	100%	0%	0%	33%
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%
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%

Reliability Histories for Individual Circuits Serving Industry

	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
POSEIDON(12KV) - Customers: 164	31.5	1.0	1.0	138.6	0.4	1.2	447.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.4	2.9	1.9	167.4	2.9	1.9
3rd Party	54%	98%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	33%	50%	12%	33%	50%
Equipment Failure	46%	2%	0%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	82%	35%	0%	82%	35%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	33%	0%	6%	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%	50%	0%	0%	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%
ROCKHILL(12KV) - Customers: 1,617	225.4	2.6	4.2	21.0	0.5	2.4	466.6	1.8	0.9	3.6	0.0	0.3	2.2	0.0	0.1	0.1	0.0	0.6	113.1	1.1	0.0	119.1	1.2	1.0
3rd Party	23%	38%	24%	43%	9%	0%	0%	0%	0%	0%	0%	0%	41%	15%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
Equipment Failure	76%	61%	70%	32%	1%	0%	100%	99%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	1%	0%	7%	1%	0%
Operation	0%	0%	0%	24%	88%	0%	0%	0%	0%	65%	52%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	2%	2%	56%
Other	0%	0%	6%	0%	0%	53%	0%	0%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	1%	1%	0%	1%	1%	47%	0%	1%	26%	35%	48%	100%	59%	85%	100%	0%	0%	0%	1%	1%	0%	3%	3%	44%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	92%	98%	0%	88%	95%	0%
SHOPPER(12KV) - Customers: 1,949	0.0	0.0	1.0	27.5	0.5	0.5	246.3	3.1	0.4	0.1	0.0	0.0	27.3	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28.4	0.3	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	81%	97%	0%	0%	0%	0%	0%	0%	0%	78%	93%	0%
Equipment Failure	0%	0%	100%	100%	100%	100%	83%	96%	86%	0%	0%	0%	8%	1%	0%	100%	100%	0%	0%	0%	0%	11%	4%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
Other	0%	0%	0%	0%	0%	0%	3%	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%	14%	2%	14%	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%	11%	2%	0%	0%	0%	0%	0%	0%	0%	10%	2%	0%
SHOW(12KV) - Customers: 779	0.0	0.0	0.0	222.8	1.4	1.1	53.0	1.0	2.0	36.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	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	0%	0%	0%	99%	99%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	1%	1%	0%	100%	100%	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%	93%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Reliability Histories for Individual Circuits Serving Industry

	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
SPRINT(12KV) - Customers: 887	322.2	2.2	0.9	31.0	1.3	0.8	0.0	0.0	1.0	81.0	1.4	0.7	228.8	1.2	0.0	7.7	0.0	0.0	34.1	1.2	0.2	351.6	3.7	0.9
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	92%	94%	100%	68%	3%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	33%	68%	100%
Operation	8%	6%	0%	32%	97%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	65%	31%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	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%
STAFFORD(12KV) - Customers: 1,931	9.9	0.0	0.0	50.9	0.1	0.0	129.1	1.1	2.9	131.9	1.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.3	1.1	0.0
3rd Party	0%	0%	0%	0%	0%	0%	61%	88%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	83%	58%	0%	51%	36%	0%	28%	5%	0%	92%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	91%	0%
Operation	17%	42%	0%	49%	64%	0%	10%	6%	0%	5%	5%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	6%	6%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	34%	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%
SUBWAY(12KV) - Customers: 31	0.0	0.0	0.0	0.0	0.0	1.0	179.9	1.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	18.2	0.3	0.0	58.9	0.7	0.0	77.9	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%	0%	0%	0%	99%	96%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	99%	96%	0%
Operation	0%	0%	0%	0%	0%	0%	1%	4%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	1%	4%	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%
SUZY(12KV) - Customers: 236	0.0	0.0	0.0	133.0	0.4	0.0	113.3	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0
3rd Party	0%	0%	0%	100%	100%	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%	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%	100%	100%	0%	0%	0%	0%	100%	100%	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%

Reliability Histories for Individual Circuits Serving Industry

	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
TOOL(12KV) - Customers: 460	55.8	0.1	1.0	1160.6	6.5	0.0	1.9	0.0	1.0	548.0	1.0	0.0	0.0	0.0	0.0	132.1	1.8	1.0	0.0	0.0	0.0	680.2	2.9	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	19%	63%	100%
Equipment Failure	0%	0%	0%	79%	84%	0%	83%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	7%	64%	100%	21%	16%	0%	17%	17%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	81%	37%	0%
Other	93%	36%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TRAIN(12KV) - Customers: 1,754	319.0	1.7	2.5	188.6	1.2	4.6	301.2	2.7	1.4	0.0	0.0	1.2	0.0	0.0	0.9	13.2	0.0	0.0	0.0	0.0	0.0	13.2	0.0	2.1
3rd Party	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	82%	50%	0%	21%	7%	0%	97%	97%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	18%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	67%	0%	0%	40%	0%	0%	0%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	18%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	79%	93%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TRESTLE(12KV) - Customers: 2,604	71.0	1.0	0.0	11.8	0.0	1.0	16.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	52.8	0.3	0.0	54.9	0.3	0.0
3rd Party	0%	0%	0%	0%	0%	0%	8%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	88%	97%	0%	98%	96%	0%	39%	4%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	97%	97%	0%	97%	96%	0%
Operation	7%	1%	0%	0%	0%	0%	53%	92%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
Other	5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%	3%	3%	0%
Vegetation/Animal	0%	0%	0%	2%	4%	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%	0%	0%	0%	0%	0%	0%
TRIDENT(12KV) - Customers: 1,167	0.0	0.0	0.0	388.2	1.7	1.9	247.8	2.3	1.1	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
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%	99%	95%	46%	100%	100%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	1%	5%	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%	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%	89%	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 Industry

	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
TURNBULL(12KV) - Customers: 1,405	246.1	1.2	1.9	3.8	0.0	0.0	158.1	2.4	0.3	0.0	0.0	0.0	70.4	0.2	0.7	8.0	0.0	0.0	93.6	0.4	1.1	172.0	0.7	1.8
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	100%	1%	2%	63%
Equipment Failure	1%	1%	51%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	97%	100%	0%	0%	0%	2%	2%	0%	42%	35%	37%
Operation	6%	16%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	100%	100%	0%	96%	96%	0%	57%	63%	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	93%	83%	49%	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%
TYHARD(12KV) - Customers: 86	130.2	0.1	0.0	0.0	0.0	2.0	5.9	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	17.0	0.2	1.6	0.0	0.0	0.0	17.0	0.2	3.6
3rd Party	0%	0%	0%	0%	0%	50%	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%	100%	100%	100%	0%	0%	0%	100%	100%	45%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%
Vegetation/Animal	100%	100%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	27%
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%
UTOPIA(12KV) - Customers: 591	78.2	1.0	1.0	172.2	1.3	1.1	123.0	1.2	2.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	96%	84%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	44%	26%	9%	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%	4%	16%	50%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	100%	56%	74%	91%	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%
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 Industry

	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%
VISE(12KV) - Customers: 1,268	59.2	1.0	0.0	7.3	0.1	0.0	22.7	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	1.0	2.9	1.7	0.0	0.0	24.8	1.0	2.9
3rd Party	95%	99%	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%	51%	14%	0%	93%	98%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	0%	100%	100%	100%
Operation	5%	1%	0%	49%	86%	0%	7%	2%	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%
WAHOO(12KV) - Customers: 2,127	708.4	2.7	1.4	55.2	0.1	3.0	417.4	2.2	2.0	63.7	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	84.2	1.0	1.0	148.0	2.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	74%	55%	50%	97%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%	50%	50%
Equipment Failure	99%	99%	18%	76%	48%	0%	26%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	1%	9%	24%	52%	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%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	57%	50%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	1%	0%	73%	0%	0%	33%	0%	0%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	1%	0%	50%
ZEUS(12KV) - Customers: 30	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	0.0	0.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	52%
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%	100%	0%	0%	48%
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%