

Circuit Reliability Review Tulare District 3

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

Reliability Metrics

MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

MAIFI:

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

SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

SAIFI:

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

SAIDI:

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

Cities in the San Joaquin Region

Armona

City of Tulare

County of Tulare

Delano

Ducor

Earlimart

East Porterville

Exeter

Farmersville

Goshen

Hanford

Ivanhoe

Lemon Cove

Lindsay

Mcfarland

Pixley

Poplar-Cotton Center

Porterville

Richgrove

Springville

Strathmore

Terra Bella

Three Rivers

Tipton

Tulare

Visalia

Woodlake

Woodville

Reliability by SCE District (No Exclusions)

		20	12			20:	13			20	14			20	15			20	16	
	District	SAIDI	District	SAIFI																
District Name	SAIDI	RANKING	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	

^{*&}quot;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.

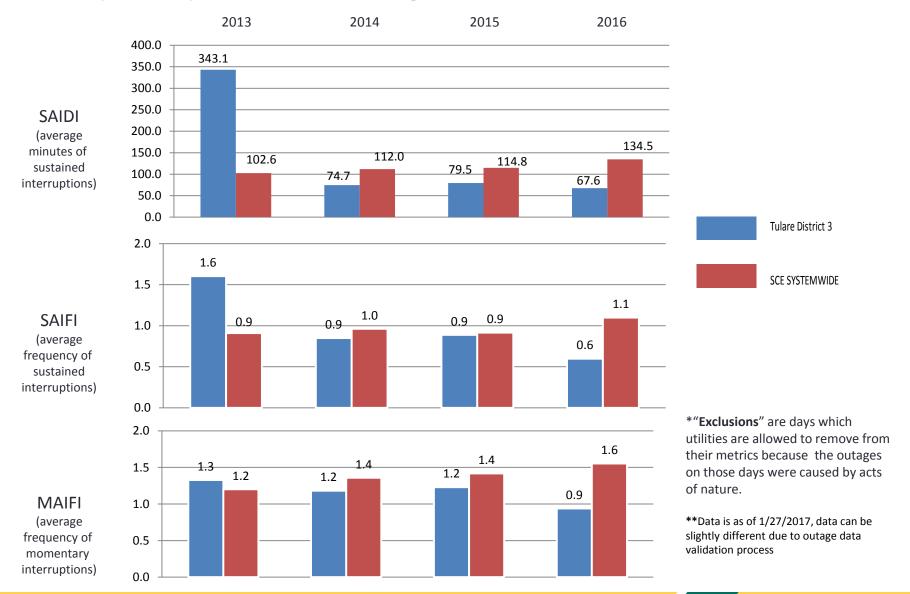
^{**}In the columns showing "Rank," lower numbers indicate poorer performance.

Overview of Tulare District 3

There are 28 circuits that serve Tulare District 3

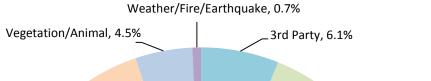
Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	
ALLEGIANCE(12KV)	1,365	Sireare Type	Jam of Gastomers	Sir care 1 ype	Sum or customers	
BALL(12KV)	286					
BLACKSTONE(12KV)	1,938					
CHINOWTH(12KV)	1,837					
CLANCY(12KV)	154					
CRESTWOOD(12KV)	1,228					
CURTIS(12KV)	381					
DE CAMP(12KV)	1,409					
DEMAREE(12KV)	1,270					
DIAMANTE(12KV)	1,359					
FREEDOM(12KV)	1,263					
GILA(12KV)	993					
HARRELL(12KV)	629					
HIGBY(12KV)	1,419					
MANZANILLO(12KV)	262					
MID VALLE(12KV)	1,081					
MINUTEMAN(12KV)	682					
MONSON(12KV)	318					
RASMUSSEN(12KV)	149					
RIO GRANDE(12KV)	2,653					
ROYAL OAKS(12KV)	735					
SHIRK(12KV)	1,370					
STEELMAN(12KV)	1,031					
TAGUS(12KV)	217					
TLSMITH(12KV)	551					
VOLNEY(12KV)	1,664					
WEBB(12KV)	846					
WOODLAND(12KV)	1,673					
Grand Total	28,763					

Reliability History of Circuits Serving Tulare District 3 (No Exclusions)



Causes of Repair Outages in Tulare District 3 Circuits 2016 YTD

Contributions to SAIDI by Outage Cause





e.g., in-service failure of transformer, switch, or conductors

■Vegetation/Animal

e.g., tree branch, rodent, or bird causing a short circuit between conductors

Other

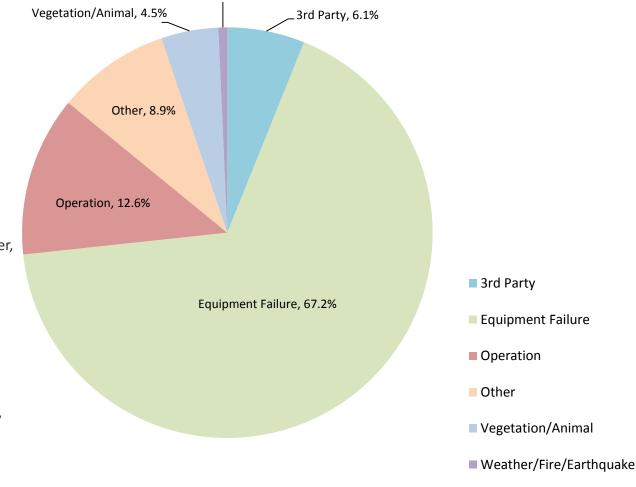
e.g., patrolled but no cause found

Operations

e.g., urgent maintenance w/o 3-day notice

■ 3rd Party

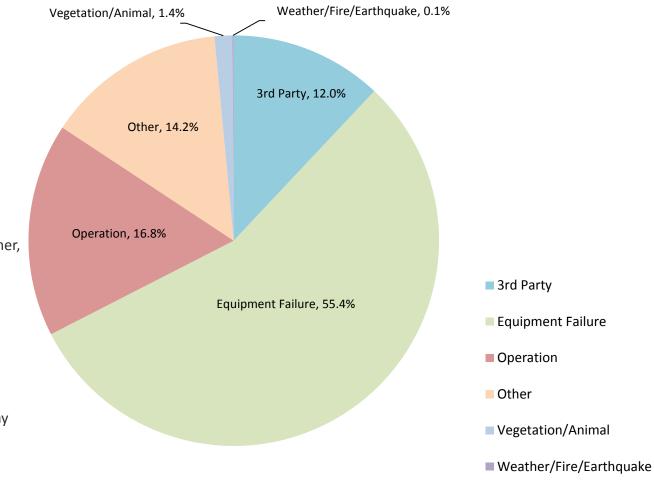
e.g., balloon, car hit pole, dig-in



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

Causes of Repair Outages in Tulare District 3 Circuits 2016 YTD

Contributions to SAIFI by Outage Cause



Equipment Failure
 e.g., in-service failure of transformer,
 switch, or conductors

■Vegetation/Animal

e.g., tree branch, rodent, or bird causing a short circuit between conductors

Other

e.g., patrolled but no cause found

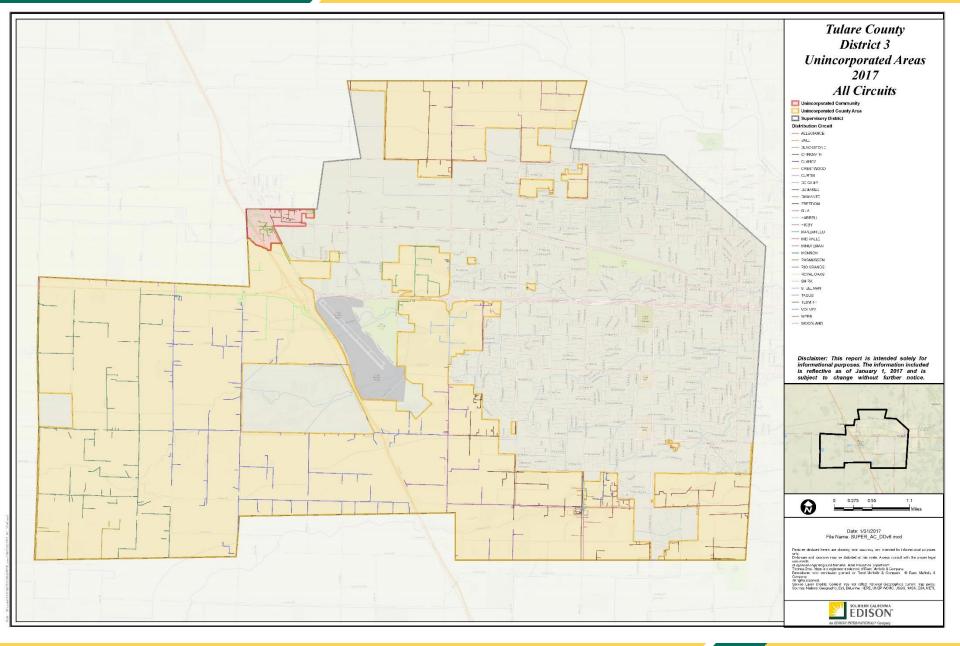
Operations

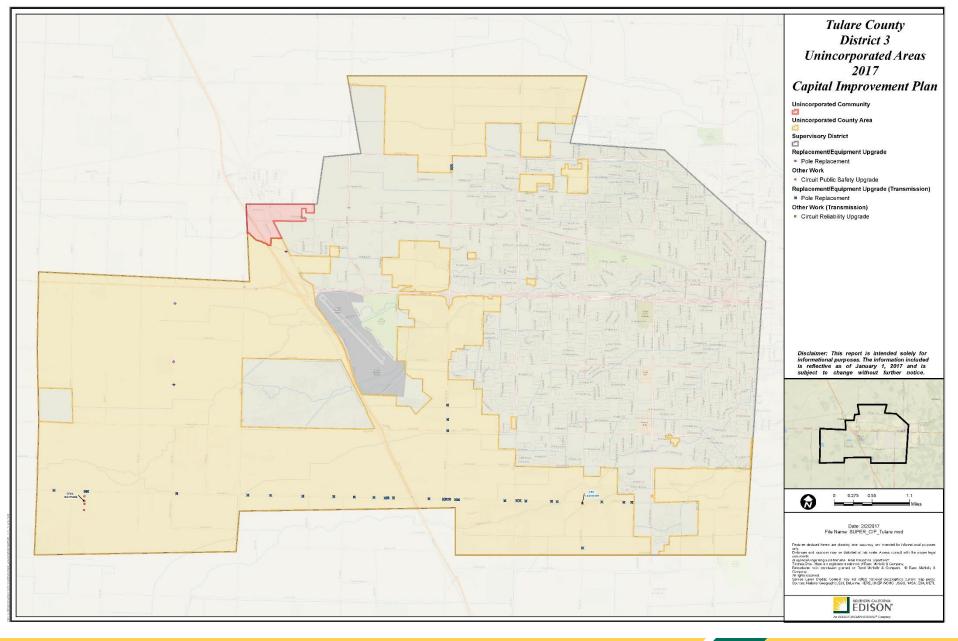
e.g., urgent maintenance w/o 3-day notice

■ 3rd Party

e.g., balloon, car hit pole, dig-in

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





Back-up Slides

Reliability Histories of Circuits Serving Tulare District 3

Updated through Year-End 2016

Average Reliability of 28 Circuits Serving Tulare District 3

		2013	•		2014			2015		1st	Qtr 20	16	2nd	d Qtr 2	016	3rd	Qtr 20	016	4th	Qtr 20	16		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
Tulare District 3	343.1	1.6	1.3	74.7	0.9	1.2	79.5	0.9	1.2	18.1	0.2	0.2	18.1	0.2	0.5	18.0	0.1	0.1	13.4	0.1	0.1	67.6	0.6	0.9
3rd Party	2%	9%	14%	22%	30%	6%	23%	24%	31%	2%	6%	0%	3%	23%	30%	16%	12%	45%	3%	2%	39%	6%	12%	26%
Equipment Failure	10%	16%	14%	61%	47%	18%	37%	23%	10%	76%	61%	100%	86%	59%	0%	42%	47%	0%	64%	52%	57%	67%	55%	27%
Operation	1%	2%	1%	6%	10%	4%	9%	20%	5%	3%	2%	0%	2%	7%	0%	22%	30%	1%	29%	43%	0%	13%	17%	0%
Other	69%	59%	22%	5%	7%	15%	2%	3%	13%	19%	31%	0%	10%	11%	23%	4%	5%	15%	2%	2%	2%	9%	14%	15%
Vegetation/Animal	0%	1%	41%	2%	5%	56%	9%	8%	33%	0%	0%	0%	0%	0%	47%	17%	6%	39%	0%	0%	0%	4%	1%	32%
Weather/Fire/Earthquake	17%	13%	9%	4%	1%	1%	20%	22%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	1%	2%	1%	0%	0%
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.

		2013			2014			2015		1st	Qtr 20 1	16	2nd	Qtr 20	16	3rd	Qtr 20	016	4th	Qtr 20	16		2016	
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI I	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
ALLEGIANCE(12KV) - Customers: 1,365	351.2	2.0	2.0	108.6	1.1	1.0	263.2	3.8	1.0	0.0	0.0	0.0	0.0	0.0	1.0	8.9	0.5	0.0	0.0	0.0	0.0	8.9	0.5	1.0
3rd Party	0%	0%	100%	65%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	31%	50%	0%	4%	2%	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%	2%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	69%	50%	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%	42%	31%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Weather/Fire/Earthquake	0%	0%	0%	31%	4%	0%	56%	69%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BALL(12KV) - Customers: 286	1290.2	3.4	3.1	158.3	1.5	1.4	117.0	0.8	3.2	61.2	0.2	0.0	102.0	1.0	0.0	34.3	0.4	0.1	30.6	0.2	0.0	228.2	1.8	0.1
3rd Party	0%	0%	0%	0%	0%	0%	62%	32%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	4%	33%	68%	6%	31%	100%	14%	18%	0%	99%	94%	0%	12%	3%	0%	0%	0%	0%	100%	100%	0%	45%	20%	0%
Operation	1%	16%	0%	87%	67%	0%	2%	45%	20%	1%	6%	0%	0%	0%	0%	10%	3%	100%	0%	0%	0%	2%	1%	100%
Other	10%	18%	0%	7%	1%	0%	4%	1%	0%	0%	0%	0%	88%	97%	0%	90%	97%	0%	0%	0%	0%	53%	79%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	7%	2%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	85%	33%	32%	0%	0%	0%	12%	1%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BLACKSTONE(12KV) - Customers: 1,938	222.9	1.0	0.0	34.0	0.5	0.0	71.0	0.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	41.3	0.2	0.0	2.7	0.0	0.0	44.0	0.2	0.0
3rd Party	0%	0%	0%	0%	0%	0%	61%	88%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	99%	100%	0%	22%	4%	0%	0%	0%	0%	0%	0%	0%	33%	48%	0%	100%	100%	0%	37%	49%	0%
Operation	0%	0%	0%	1%	0%	0%	6%	4%	0%	0%	0%	0%	0%	0%	0%	55%	27%	0%	0%	0%	0%	52%	26%	0%
Other	100%	100%	0%	0%	0%	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	12%	26%	0%	0%	0%	0%	11%	25%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	9%	2%	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%
CHINOWTH(12KV) - Customers: 1,837	374.5	1.0	2.0	8.0	0.0	0.0	17.0	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	99%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013			2014			2015		1st	Qtr 20	16	2nd	Qtr 20	16	3rd	Qtr 20	16	4th	Qtr 20	16		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
CLANCY(12KV) - Customers: 154	320.8	1.9	4.1	221.4	1.5	4.0	146.3	1.9	3.6	18.8	0.3	0.0	0.0	0.0	0.0	7.0	0.3	0.3	0.0	0.0	0.0	25.8	0.6	0.3
3rd Party	0%	0%	0%	0%	0%	0%	24%	54%	27%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	27%	51%	100%
Equipment Failure	35%	49%	0%	93%	33%	25%	37%	16%	8%	6%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	2%	0%
Operation	0%	0%	0%	7%	67%	0%	14%	14%	0%	94%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	68%	47%	0%
Other	65%	51%	28%	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	72%	0%	0%	50%	0%	0%	56%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	25%	25%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CRESTWOOD(12KV) - Customers: 1,228	544.4	3.1	0.9	154.6	1.3	1.1	12.9	0.1	0.0	57.5	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	170.5	1.0	0.9	228.0	2.0	1.9
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	59%	65%	100%	99%	90%	13%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	75%	50%	47%
Operation	2%	2%	0%	1%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	40%	33%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	50%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	87%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	53%
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%
CURTIS(12KV) - Customers: 381	138.4	1.0	3.7	5.4	0.1	0.1	96.7	0.2	2.1	0.2	0.0	0.0	0.0	0.0	0.0	33.7	0.4	0.0	58.3	0.3	0.2	92.2	0.7	0.2
3rd Party	20%	14%	27%	0%	0%	0%	54%	44%	0%	0%	0%	0%	0%	0%	0%	99%	99%	0%	21%	29%	0%	49%	73%	0%
Equipment Failure	32%	28%	8%	75%	21%	0%	35%	37%	0%	100%	100%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	1%	0%
Operation	8%	54%	0%	25%	79%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	5%	1%	65%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	54%	43%	16%	20%	43%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	53%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	35%	3%	0%	0%	0%	0%	11%	14%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	54%	18%	57%	34%	7%	57%
DE CAMP(12KV) - Customers: 1,409	359.3	2.1	3.0	209.1	2.3	2.1	35.6	0.1	2.0	19.5	0.1	0.0	0.0	0.0	0.0	83.9	1.0	0.0	0.0	0.0	0.0	103.4	1.1	0.0
3rd Party	17%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	7%	6%	0%	100%	100%	6%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	0%	0%	0%	90%	87%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	77%	47%	0%	0%	0%	0%	10%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	94%	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%

		2013			2014			2015		1st	Qtr 20 .	16	2na	Qtr 20	16	3rd	Qtr 20	016	4th	Qtr 20	16		2016	
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIF
DEMAREE(12KV) - Customers: 1,270	295.5	2.9	3.0	0.0	0.0	2.0	21.5	0.0	1.0	0.0	0.0	0.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	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	4%	1%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	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	77%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	19%	65%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DIAMANTE(12KV) - Customers: 1,359	398.0	1.0	0.0	84.7	1.6	1.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.5	0.3	0.0	0.0	0.0	0.0	29.5	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%	94%	66%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	6%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	100%	100%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
FREEDOM(12KV) - Customers: 1,263	228.0	1.0	0.0	96.8	0.3	1.0	159.6	1.1	0.9	23.8	0.1	0.0	305.3	2.1	1.0	0.0	0.0	1.0	0.0	0.0	0.0	329.0	2.2	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	99%	99%	0%	32%	7%	0%	90%	60%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	99%	98%	0%
Operation	1%	0%	0%	1%	1%	0%	0%	0%	0%	10%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%
Other	99%	100%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	68%	93%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GILA(12KV) - Customers: 993	201.7	0.9	1.8	2.3	0.1	0.0	30.7	0.1	1.9	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
3rd Party	0%	0%	50%	0%	0%	0%	11%	14%	53%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	57%	1%	0%	41%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	43%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	98%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	44%	68%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	2%	0%	50%	0%	0%	0%	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013			2014			2015		1st	Qtr 20	16	2nd	l Qtr 20.	16	3rd	Qtr 20	16	4th	Qtr 20 .	16		2016	
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI I	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI I	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
HARRELL(12KV) - Customers: 629	114.5	1.0	1.5	78.3	1.6	3.4	111.2	0.7	4.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.2	0.0	0.9
3rd Party	0%	0%	0%	92%	63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	1%	0%	0%	72%	83%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	8%	37%	12%	1%	1%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	37%	54%	100%	0%	0%	88%	5%	11%	44%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	63%	46%	0%	0%	0%	0%	22%	6%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HIGBY(12KV) - Customers: 1,419	368.1	2.8	1.3	128.2	2.0	3.7	51.8	0.3	0.8	33.8	1.0	2.5	18.0	0.1	2.0	1.5	0.0	0.0	0.0	0.0	0.0	53.3	1.1	4.6
3rd Party	8%	26%	20%	35%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	4%	2%	80%	40%	8%	19%	89%	89%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	97%	99%	56%
Operation	0%	0%	0%	4%	4%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	3%	1%	0%
Other	63%	36%	0%	0%	0%	27%	6%	6%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	22%
Vegetation/Animal	0%	0%	0%	20%	38%	34%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	22%
Weather/Fire/Earthquake	25%	36%	0%	0%	0%	0%	5%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MANZANILLO(12KV) - Customers: 262	1113.3	1.9	2.4	246.7	3.0	2.3	141.5	1.6	3.4	18.2	0.6	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.6	0.0
3rd Party	7%	18%	58%	0%	0%	0%	40%	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	1%	0%	28%	49%	57%	45%	39%	20%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	14%	1%	0%
Operation	1%	18%	42%	6%	18%	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%	1%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	86%	99%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	90%	63%	0%	67%	33%	43%	15%	23%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
MID VALLE(12KV) - Customers: 1,081	339.5	1.6	0.6	48.4	0.2	0.9	109.1	1.1	3.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	7.6	0.1	0.0	10.1	0.1	0.0
3rd Party	5%	25%	100%	0%	0%	0%	38%	73%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	8%	6%	0%	100%	100%	100%	49%	26%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Operation	10%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	76%	66%	0%	0%	0%	0%	0%	0%	33%	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%	13%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013			2014			2015		151	Qtr 20	16	2nc	d Qtr 20	16	3rd	Qtr 20	16	4th	Qtr 20	16		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
MINUTEMAN(12KV) - Customers: 682	1122.6	1.9	1.0	25.8	1.1	1.0	14.3	0.0	0.0	11.1	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	1%	3%	0%	0%	0%	0%	6%	43%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	80%	64%	0%
Other	19%	53%	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	80%	44%	100%	0%	0%	0%	94%	57%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	20%	36%	0%
MONSON(12KV) - Customers: 318	267.7	1.0	3.0	6.8	0.0	3.0	314.0	5.5	3.1	31.9	1.0	0.0	0.0	0.0	0.0	48.7	1.0	0.0	9.1	0.0	0.0	89.6	2.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	49%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	77%	82%	68%	0%	0%	0%	0%	0%	0%	98%	99%	0%	0%	0%	0%	53%	49%	0%
Operation	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%	100%	100%	0%	11%	2%	0%
Other	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	100%	100%	100%	100%	21%	18%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
RASMUSSEN(12KV) - Customers: 149	862.1	3.4	4.8	270.3	2.3	2.8	0.0	0.0	2.0	3.2	0.0	0.0	0.0	0.0	0.0	291.9	0.5	1.4	0.0	0.0	0.0	295.1	0.5	1.4
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	97%	97%	100%	0%	0%	0%	96%	95%	100%
Equipment Failure	15%	34%	17%	100%	100%	29%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%	0%	0%	0%	3%	3%	0%
Other	67%	59%	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%	63%	0%	0%	71%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	18%	8%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
RIO GRANDE(12KV) - Customers: 2,653	313.9	1.2	1.0	2.2	0.1	0.0	36.5	0.8	1.6	0.0	0.0	0.0	5.4	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.5	1.1
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	63%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Equipment Failure	0%	0%	0%	67%	29%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	33%	71%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013			2014			2015		1st	Qtr 20	16	2nc	d Qtr 20	016	3rd	Qtr 20	16	4th	Qtr 20	016		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
ROYAL OAKS(12KV) - Customers: 735	216.7	1.0	0.0	1.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2	0.1	0.0	0.0	0.0	0.0	38.2	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	1%	1%	0%	45%	6%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	55%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	99%	99%	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%
SHIRK(12KV) - Customers: 1,370	281.4	1.3	3.7	0.0	0.0	2.0	240.0	2.0	1.8	0.0	0.0	0.0	0.0	0.0	2.0	22.4	0.0	0.0	0.0	0.0	0.0	22.4	0.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	1%	0%	0%	0%	0%	100%	100%	46%	0%	0%	0%	0%	0%	0%	87%	55%	0%	0%	0%	0%	87%	55%	0%
Operation	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	45%	0%	0%	0%	0%	13%	45%	0%
Other	93%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Vegetation/Animal	7%	23%	100%	0%	0%	100%	0%	0%	54%	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%
STEELMAN(12KV) - Customers: 1,031	241.3	2.1	1.0	24.2	0.2	2.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.9	0.0	14.7	0.9	0.0
3rd Party	0%	0%	0%	60%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	6%	48%	100%	3%	1%	0%	89%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	5%	0%	0%	0%	0%	11%	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Other	91%	47%	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%	37%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAGUS(12KV) - Customers: 217	937.5	5.6	8.2	106.5	3.0	1.6	272.4	2.5	4.7	106.7	1.1	0.0	89.7	1.0	0.5	46.5	1.0	0.2	47.8	0.4	0.6	290.7	3.5	1.4
3rd Party	5%	18%	0%	92%	99%	100%	42%	81%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	16%	28%	15%
Equipment Failure	14%	25%	8%	1%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	17%	11%	48%
Operation	2%	18%	0%	0%	0%	0%	53%	18%	36%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	36%	0%	0%	0%	0%	0%	43%	98%	100%	0%	99%	98%	100%	0%	0%	0%	0%	0%	0%	66%	61%	38%
Vegetation/Animal	2%	6%	8%	0%	0%	0%	0%	0%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	76%	33%	48%	7%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013			2014			2015		151	: Qtr 20	16	2nd	Qtr 20:	16	3rd	Qtr 20	016	4th	Qtr 20	16		2016	
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI I	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI I	MAIFI
TLSMITH(12KV) - Customers: 551	381.3	3.2	1.0	111.3	1.1	1.9	129.3	2.0	0.0	39.8	1.0	0.0	14.3	0.6	3.0	12.5	0.0	0.0	0.0	0.0	0.0	66.5	1.6	3.0
3rd Party	22%	36%	0%	100%	100%	48%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	33%
Equipment Failure	18%	32%	100%	0%	0%	0%	2%	0%	0%	100%	100%	0%	76%	2%	0%	0%	0%	0%	0%	0%	0%	76%	62%	0%
Operation	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	24%	98%	0%	100%	100%	0%	0%	0%	0%	24%	38%	0%
Other	60%	32%	0%	0%	0%	0%	32%	49%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	33%
Vegetation/Animal	0%	0%	0%	0%	0%	52%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	33%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	65%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
VOLNEY(12KV) - Customers: 1,664	243.0	1.0	0.0	62.7	1.0	0.6	168.5	2.0	0.0	150.1	0.5	1.4	0.0	0.0	0.0	52.3	0.1	0.9	0.0	0.0	0.0	202.4	0.7	2.2
3rd Party	0%	0%	0%	0%	0%	0%	83%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	2%	1%	0%	0%	0%	0%	2%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	74%	79%	62%
Operation	0%	0%	0%	1%	1%	0%	11%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	98%	99%	0%	99%	99%	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%	100%	100%	100%	0%	0%	0%	26%	21%	38%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
WEBB(12KV) - Customers: 846	18.7	0.1	0.3	6.3	0.0	1.3	55.3	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	10.8	0.1	1.0	14.9	0.1	1.0
3rd Party	0%	0%	0%	21%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	81%	63%	100%	59%	47%	100%
Equipment Failure	0%	0%	0%	49%	64%	80%	23%	2%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	12%	19%	0%	36%	40%	0%
Operation	0%	0%	0%	0%	0%	0%	75%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	19%	0%	5%	14%	0%
Vegetation/Animal	0%	0%	100%	0%	0%	13%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	30%	6%	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
WOODLAND(12KV) - Customers: 1,673	300.9	1.2	0.0	259.5	2.4	1.0	1.0	0.0	1.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	55.2	0.1	0.0	58.6	0.1	0.0
3rd Party	0%	0%	0%	34%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	26%	16%	0%	55%	55%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	11%	4%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%
Other	74%	84%	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%	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%