

Circuit Reliability Review

La Mirada

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 Fullerton District

Anaheim

Brea

Buena Park

Cypress

East La Mirada

Fullerton

Hacienda Heights

La Habra

La Habra Heights

La Mirada

La Palma

Placentia

Rowland Heights

Stanton

Yorba Linda

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.

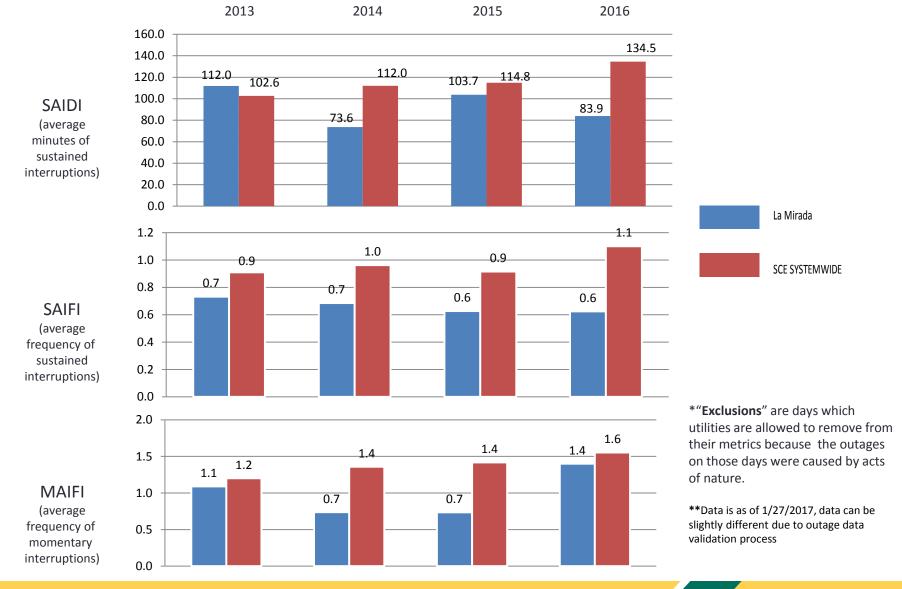
Overview of La Mirada

There are 23 circuits that serve La Mirada

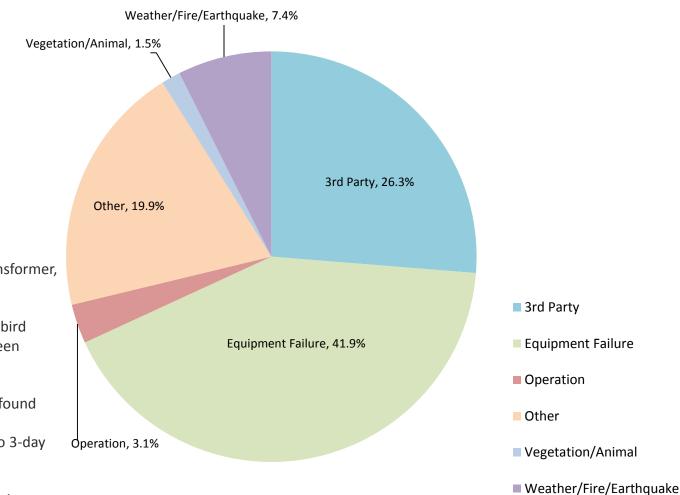
Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
ARGO(12KV)	1,713						
AXEL(12KV)	667						
BIOLA(12KV)	1,926						
BLUEFIELD(12KV)	143						
BUCK(12KV)	55						
DART(12KV)	1,407						
DOE(12KV)	1,349						
DRUM(12KV)	1,108						
ESCALONA(12KV)	99						
AGAN(12KV)	530						
GAMMA(12KV)	516						
GUM(12KV)	2,995						
HACKBERRY(12KV)	2,031						
BEX(12KV)	1,206						
ANAE(12KV)	1,566						
KELSEY(12KV)	2,133						
EFFINGWELL(12KV)	2,507						
MIRA(12KV)	93						
PETE(12KV)	2,284						
REFOIL(12KV)	1,362						
RICKO(12KV)	2,858						
SPLENDORA(12KV)	2,495						
STAGE(12KV)	120						

Grand Total 31,163

Reliability History of Circuits Serving La Mirada (No Exclusions)



Causes of Repair Outages in La Mirada Circuits 2016 YTD Contributions to SAIDI 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

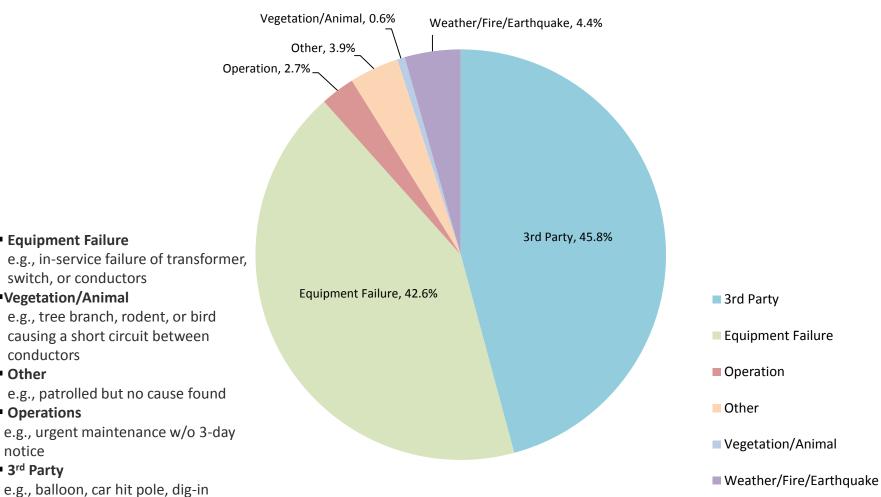
■ 3rd Party

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

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

Causes of Repair Outages in La Mirada Circuits 2016

Contributions to SAIFI by Outage Cause



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

Equipment Failure

■Vegetation/Animal

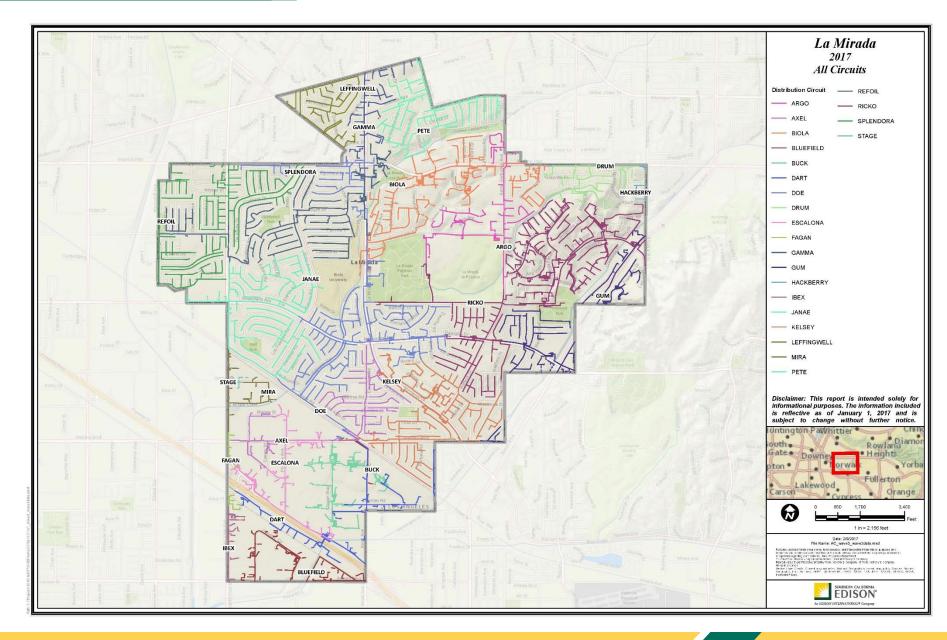
conductors

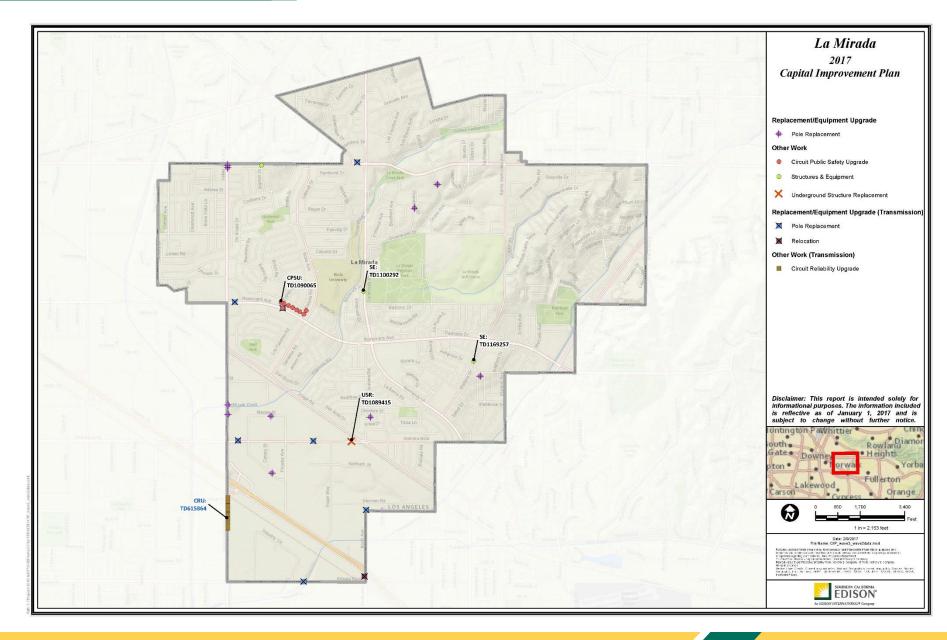
Operations

Other

notice ■ 3rd Party

switch, or conductors





Back-up Slides

Reliability Histories of Circuits Serving La Mirada

Updated through Year-End 2016

Average Reliability of 23 Circuits Serving La Mirada

		2013	•		2014			2015		1st	Qtr 20	16	2nd	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
La Mirada	112.0	0.7	1.1	73.6	0.7	0.7	103.7	0.6	0.7	20.5	0.0	0.3	27.2	0.2	0.4	21.9	0.2	0.3	14.4	0.1	0.4	83.9	0.6	1.4
3rd Party	36%	30%	31%	16%	18%	40%	56%	40%	15%	2%	2%	61%	61%	75%	67%	11%	22%	25%	18%	44%	18%	26%	46%	42%
Equipment Failure	52%	59%	17%	40%	42%	28%	33%	32%	23%	18%	49%	2%	32%	20%	0%	82%	73%	42%	34%	35%	0%	42%	43%	9%
Operation	7%	6%	8%	19%	21%	15%	7%	25%	21%	1%	0%	0%	2%	2%	0%	6%	5%	0%	4%	2%	0%	3%	3%	0%
Other	1%	3%	25%	8%	4%	1%	2%	3%	35%	79%	45%	0%	1%	2%	18%	0%	0%	0%	1%	0%	42%	20%	4%	18%
Vegetation/Animal	3%	2%	13%	1%	2%	0%	2%	1%	6%	0%	0%	14%	4%	1%	15%	0%	0%	33%	1%	0%	21%	1%	1%	20%
Weather/Fire/Earthquake	0%	1%	5%	16%	13%	16%	0%	0%	0%	1%	4%	23%	0%	0%	0%	0%	0%	0%	42%	18%	18%	7%	4%	11%
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 IDI SAIFI MAIFI SA			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 I	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
ARGO(12KV) - Customers: 1,713	313.0	1.8	4.2	67.4	0.8	1.2	69.2	0.2	1.8	0.0	0.0	0.0	38.9	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	38.9	0.1	1.9
3rd Party	82%	90%	77%	90%	90%	100%	0%	0%	0%	0%	0%	0%	41%	33%	50%	0%	0%	0%	0%	0%	0%	41%	33%	50%
Equipment Failure	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	8%	9%	0%	0%	0%	0%	0%	0%	0%	8%	9%	0%
Operation	8%	3%	0%	1%	1%	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	10%	7%	23%	10%	9%	0%	0%	0%	0%	0%	0%	0%	51%	58%	50%	0%	0%	0%	0%	0%	0%	51%	58%	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%
AXEL(12KV) - Customers: 667	84.9	1.0	0.0	78.1	1.0	0.0	7.9	0.0	0.0	0.0	0.0	1.0	102.6	1.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	103.7	1.0	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	99%	100%	100%
Equipment Failure	100%	100%	0%	100%	100%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	1%	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%
BIOLA(12KV) - Customers: 1,926	281.9	1.2	0.0	22.7	0.1	2.0	279.9	1.0	0.8	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	8.9	0.1	0.0	20.7	0.1	0.0
3rd Party	93%	87%	0%	16%	10%	51%	97%	97%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	18%	44%	49%	3%	3%	0%	0%	0%	0%	88%	84%	0%	0%	0%	0%	18%	62%	0%	58%	70%	0%
Operation	3%	9%	0%	67%	46%	0%	0%	0%	0%	0%	0%	0%	12%	16%	0%	0%	0%	0%	82%	38%	0%	42%	30%	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	4%	4%	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%
BLUEFIELD(12KV) - Customers: 143	326.9	2.0	0.0	601.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	585.1	1.0	0.0	0.0	0.0	0.0	585.1	1.0	1.0
3rd Party	74%	50%	0%	97%	80%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	96%
Equipment Failure	26%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	98%	98%	100%	0%	0%	0%	98%	98%	4%
Operation	0%	0%	0%	3%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	0%	0%	0%	0%	2%	2%	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%

		2013 AIDI SAIFI MAIFI SA		ı	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	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI :	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
BUCK(12KV) - Customers: 55	84.4	1.0	0.0	0.0	0.0	0.0	142.1	0.2	0.9	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	100%	100%	0%	0%	0%	0%	67%	54%	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%	33%	46%	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%
DART(12KV) - Customers: 1,407	18.7	0.2	0.0	76.2	1.0	1.0	94.3	1.0	0.0	0.0	0.0	1.0	7.7	0.1	0.0	18.3	0.1	1.0	79.5	1.0	0.0	105.5	1.1	2.0
3rd Party	0%	0%	0%	98%	97%	100%	0%	0%	0%	0%	0%	0%	51%	95%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%
Equipment Failure	54%	49%	0%	1%	0%	0%	100%	99%	0%	0%	0%	0%	49%	5%	0%	100%	100%	100%	99%	98%	0%	95%	93%	50%
Operation	16%	2%	0%	1%	3%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%	1%	2%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Weather/Fire/Earthquake	31%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DOE(12KV) - Customers: 1,349	86.2	1.0	0.0	11.5	0.1	0.0	39.4	1.2	2.1	0.0	0.0	0.0	142.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	142.9	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	100%	100%	0%	83%	78%	0%	79%	98%	56%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	0%	0%	0%	17%	22%	0%	1%	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%	21%	1%	44%	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%
DRUM(12KV) - Customers: 1,108	226.1	0.2	2.6	0.0	0.0	0.0	63.4	1.3	2.0	0.0	0.0	2.0	1.3	0.0	0.0	28.3	0.5	1.5	0.0	0.0	0.0	29.6	0.5	3.5
3rd Party	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	100%	0%	0%	0%	100%	100%	44%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	100%	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%

		2013 IDI SAIFI MAIFI SA			2014			2015		1st (Qtr 20.	16	2nd	Qtr 20	16	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
ESCALONA(12KV) - Customers: 99	84.7	1.0	0.0	0.0	0.0	0.0	116.2	1.2	2.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
3rd Party	0%	0%	0%	0%	0%	0%	73%	88%	100%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	100%	100%	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%	27%	12%	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%
FAGAN(12KV) - Customers: 530	39.9	1.0	0.0	79.3	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	53.5	0.1	0.0	55.9	0.1	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	98%	97%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	97%	79%	0%	97%	81%	0%
Operation	0%	0%	0%	2%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	21%	0%	3%	19%	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%
GAMMA(12KV) - Customers: 516	0.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.2	1.0	0.0	0.0	0.0	0.0	51.2	1.0	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%	100%	100%	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	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%
GUM(12KV) - Customers: 2,995	28.8	0.0	1.0	200.0	1.6	1.7	0.4	0.0	1.0	2.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.1	0.0	2.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	32%	39%	25%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Operation	100%	100%	100%	18%	6%	1%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Weather/Fire/Earthquake	0%	0%	0%	50%	55%	74%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

		2013 AIDI SAIFI MAIFI S			2014			2015		1st	Qtr 201	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
HACKBERRY(12KV) - Customers: 2,031	26.1	0.3	0.6	58.6	0.4	2.0	21.8	1.1	0.0	1.6	0.0	0.0	10.1	0.0	1.0	0.0	0.0	0.0	40.2	1.0	0.0	51.9	1.0	1.0
3rd Party	0%	0%	0%	10%	4%	100%	18%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	77%	96%	0%
Equipment Failure	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	20%	2%	0%
Operation	45%	25%	0%	0%	1%	0%	82%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	12%	59%	67%	70%	68%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	43%	16%	33%	19%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%
IBEX(12KV) - Customers: 1,206	39.1	1.0	2.9	146.8	0.4	0.0	298.2	1.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	44.4	1.0	0.0	7.2	0.1	0.0	51.7	1.0	0.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	86%	93%	0%
Equipment Failure	97%	99%	67%	92%	66%	0%	76%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	14%	7%	0%
Operation	3%	1%	0%	8%	34%	0%	24%	81%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	33%	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%
JANAE(12KV) - Customers: 1,566	115.3	1.0	2.0	6.4	0.0	0.0	448.9	1.7	1.1	11.4	0.0	0.0	0.0	0.0	0.0	26.3	0.2	0.0	0.0	0.0	1.0	37.7	0.2	1.0
3rd Party	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	99%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	70%	85%	0%
Other	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	30%	15%	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	4%	1%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
KELSEY(12KV) - Customers: 2,133	107.4	2.0	0.0	84.5	0.9	0.0	24.0	0.1	0.0	0.0	0.0	0.0	145.8	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	145.8	1.0	0.4
3rd Party	23%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Equipment Failure	77%	49%	0%	100%	100%	0%	29%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	71%	96%	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%

		2013 SAIDI SAIFI MAIFI			2014			2015		1st	Qtr 20 2	16	2na	l Qtr 20	16	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
LEFFINGWELL(12KV) - Customers: 2,507	26.0	0.1	1.0	21.8	0.1	2.0	15.5	0.0	3.0	54.0	0.0	0.0	33.2	1.0	0.9	10.0	0.1	0.0	0.4	0.0	2.0	97.5	1.1	2.9
3rd Party	2%	2%	0%	67%	76%	0%	0%	0%	0%	0%	0%	0%	89%	100%	100%	100%	100%	0%	0%	0%	50%	40%	96%	66%
Equipment Failure	52%	59%	0%	30%	16%	50%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
Operation	30%	29%	0%	4%	8%	50%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	67%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	55%	3%	0%
Vegetation/Animal	16%	10%	100%	0%	0%	0%	100%	100%	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%	50%	0%	0%	34%
MIRA(12KV) - Customers: 93	37.0	1.0	0.0	183.1	2.2	0.0	67.3	1.0	1.3	354.9	1.2	1.6	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.9	356.2	1.2	3.5
3rd Party	0%	0%	0%	21%	45%	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%	88%	96%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	88%	96%	44%
Operation	0%	0%	0%	20%	9%	0%	0%	0%	0%	12%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	4%	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%	56%
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%	59%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
PETE(12KV) - Customers: 2,284	9.8	0.1	2.0	80.1	1.2	0.0	468.2	2.5	0.1	187.8	0.4	1.0	6.3	0.1	0.0	109.1	0.9	1.0	85.5	0.4	0.0	388.7	1.7	2.0
3rd Party	0%	0%	50%	0%	0%	0%	52%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Equipment Failure	0%	0%	0%	4%	1%	0%	41%	41%	100%	18%	55%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	37%	64%	0%
Operation	0%	0%	0%	14%	83%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	2%	3%	0%
Other	90%	92%	50%	52%	14%	0%	7%	10%	0%	82%	45%	0%	0%	0%	0%	0%	0%	0%	2%	2%	0%	40%	12%	0%
Vegetation/Animal	10%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	0%	0%	1%	0%
Weather/Fire/Earthquake	0%	0%	0%	31%	3%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	96%	95%	0%	21%	20%	50%
REFOIL(12KV) - Customers: 1,362	146.3	1.2	0.0	89.7	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	27.5	0.1	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	68%	28%	0%	0%	0%	0%	0%	0%	0%	68%	28%	0%
Equipment Failure	100%	100%	0%	56%	50%	85%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	44%	50%	15%	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%	32%	72%	0%	0%	0%	0%	0%	0%	100%	32%	72%	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%

		2013 AIDI SAIFI MAIFI SA			2014			2015		1st (Qtr 201	6	2na	l Qtr 20	16	3rd	Qtr 20 :	16	4th	Qtr 20	016		2016	
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	VIAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIF
RICKO(12KV) - Customers: 2,858	350.0	1.4	2.2	8.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.2	0.5	0.0	0.0	0.0	1.0	50.2	0.5	1.0
3rd Party	0%	0%	0%	0%	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0%	0.5	0.0	0.0	0.0	0%	0%		0%
Equipment Failure	93%	86%	54%	99%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		100%	0%	0%	0%	0%		100%	09
Operation	7%	14%	0%	1%	2%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	09
Other	0%	0%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Vegetation/Animal	0%	0%	40 <i>%</i>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	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%																		
SPLENDORA(12KV) - Customers: 2,495	0.0	0.0	0.0	143.2	1.1	0.0		0.0	0.0		0.0	0.0	1.0	0.0	1.0	1.2	0.0	0.3	0.0	0.0	1.0	7.7		2.3
3rd Party	0%	0%	0%	0%	0%	0%	83%	91%	0%		100%	0%	94%	67%	100%	0%	0%	0%	0%	0%	0%	83%		43%
Equipment Failure	0%	0%	0%	50%	94%	0%	7%	1%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	16%		13%
Operation	0%	0%	0%	50%	6%	100%	10%	8%	0%	0%	0%	0%	6%	33%	0%	0%	0%	0%	0%	0%	0%	1%		
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	• , -	
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	• , -	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
STAGE(12KV) - Customers: 120	101.7	1.0	0.0	71.7	0.1	1.0	9.3	0.1	1.0	0.0	0.0	0.0	96.0	0.1	0.0	0.8	0.0	0.0	24.6	0.1	1.0	121.4	0.2	1.0
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	92%	0%	99%	85%	0%
Operation	0%	0%	0%	100%	100%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	8%	0%	1%	15%	0%
Other	0%	0%	0%	0%	0%	100%	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%