



# Information Item

Date: June 22, 2015

To: Mayor and City Council

From: Debbie Lee, Communications and Public Affairs Officer

Subject: Update on Southern California Edison's Capital Improvement Projects

## Introduction

This information item provides an update on the Southern California Edison's capital improvement projects throughout the City of Santa Monica.

## Discussion

Southern California Edison (SCE) is the purveyor of power to the City and as such regularly works in the City of Santa Monica. Ongoing work includes service requests from customers, preventative maintenance, and repairs due to failures. SCE is also making a significant investment to replace aging equipment through infrastructure replacement projects. These projects expand and upgrade transmission and distribution networks and improve reliability by replacing equipment before it fails.

SCE constantly tracks and monitors outages, measures "system reliability" from the data collected, and plans infrastructure replacement projects accordingly. Two of the metrics utilized are: the System Average Interruption Duration Index (SAIDI) and the System Average Interruption Frequency Index (SAIFI).

- SAIDI measures the amount of time the average SCE customer was without power for more than five minutes (called a "sustained outage") in a given year.
- SAIFI is the number of times the average SCE customer experienced a sustained outage in a given year.

SCE system reliability reports, including SAIDI and SAIFI metrics, are available on The Outage Center area of SCE's website at <https://www.sce.com/wps/portal/home/outage-center/reliability-reports> and attached as Attachment 1.

SAIDI and SAIFI metrics informed the eight underground vault replacements and two circuit rebuilds planned in Santa Monica during 2015. The total financial investment for this work, not including routine maintenance work, is approximately \$4.5 million. The locations and estimated schedules for this work are as follows:

#### Underground Vault Replacements

- Arizona Ave. east of 20<sup>th</sup> Street – Complete
- Marine Street and Main Street – Complete
- Broadway and 2<sup>nd</sup> Street - Complete
- Barnard Way south of Ocean View Park is currently underway - Forecasted completion July
- Arizona Ave. south of 4<sup>th</sup> Court. Forecasted Schedule May – June
- San Vicente Blvd., north of 1<sup>st</sup> Court - Forecasted Schedule May – June
- Montana Ave. north of 12<sup>th</sup> Court – Forecasted Schedule July – August
- Santa Monica Blvd west of 2<sup>nd</sup> Court – Forecasted Schedule to be determined

A map of underground vault replacements is included in Attachment 1.

#### Circuit Rebuilds

- Ashland & Pearl – Forecasted completion June
- East Montana & San Vicente - Forecasted completion December

Maps of the circuit rebuilds are attached hereto as Attachment 2.

In addition, due to new structural requirements for electrical poles, SCE will be assessing all poles throughout the City over the next couple of months. Areas designated as potential high wind zones and high fire (meaning potential fire if loss of

pole integrity), primarily in the northwest area of the City, will be prioritized first. Based on the results of the assessment a prioritized schedule of necessary pole replacements will be developed and implemented over the next couple of years. More information on the pole assessment program is available on the Safety area of SCE's website at <https://www.sce.com/wps/portal/home/safety> and a map of poles is attached as Attachment 3.

SCE notifies customers in advance when planned work is anticipated to result in a power outage. Information on how to prepare for a planned outage is available on Outage Center area of SCE's website at <https://www.sce.com/wps/portal/home/outage-center/outage-basics>. SCE support is available at 1-800-655-4555 for Residential Customer Support and 1-888-759-6056 for Planned Outage Notice Questions.

**Prepared By:** Melissa Lindley, Community Relations Coordinator

Attachments: 1 – Circuit Reliability Review, City of Santa Monica, January 2015  
2 – Circuit Rebuilds Maps  
3 – Map of Poles

Attachment 1

Circuit Reliability Review, City of Santa Monica, January 2015



# Circuit Reliability Review City of Santa Monica

January 2015

# 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 Santa Monica District

Beverly Hills  
Culver City  
Franklin Canyon  
Ladera Heights  
Los Angeles  
Marina Del Rey  
**Santa Monica**  
Universal City  
West Hollywood

## Reliability by District – (No Exclusions)

District Name	2009				2010				2011				2012				2013				2014			
	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	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking
ANTELOPE VALLEY	71.23	29	0.52	33	131.06	17	0.77	31	208.16	11	1.25	13	78.60	28	0.56	31	94.42	22	0.52	31	50.96	35	0.59	34
ARROWHEAD	534.08	2	3.41	1	537.40	4	3.84	2	792.79	3	4.40	1	129.58	13	1.31	7	180.59	7	1.39	8	193.25	5	1.59	5
BARSTOW	153.49	10	1.14	14	123.02	23	1.51	11	308.76	8	1.63	8	184.80	7	1.15	12	204.33	6	1.40	7	201.53	4	1.34	10
BIG CREEK	259.27	3	1.44	8	5700.99	1	12.89	1	1667.05	2	4.22	2	1184.25	1	4.52	1	176.51	8	3.08	1	920.25	1	1.34	11
BISHOP	143.55	12	1.36	9	407.92	6	2.50	5	666.06	5	1.55	10	463.09	2	1.25	9	104.44	17	0.51	35	118.79	17	0.59	35
BLYTHE	83.88	25	0.82	21	1332.78	2	2.03	6	378.39	7	1.40	11	225.88	6	1.53	3	483.13	1	1.38	9	707.22	2	2.02	2
CATALINA	98.59	19	2.54	2	672.3	35	1.55	10	65.03	34	3.45	3	78.46	30	0.72	29	105.94	16	2.97	2	97.02	24	4.17	1
COVINA	78.04	27	0.68	26	117.66	26	0.81	28	166.97	15	0.87	24	108.73	19	0.92	19	100.51	19	0.86	20	91.42	27	0.87	22
DOMINGUEZ HILLS	89.81	22	0.68	27	119.23	24	0.78	30	109.41	23	0.72	31	117.22	18	0.82	24	89.21	26	0.80	21	82.16	30	0.71	28
FOOTHILL	94.33	21	0.62	30	76.60	33	0.46	35	117.40	22	0.96	21	91.69	25	0.90	20	85.80	27	0.79	24	93.34	25	0.93	21
FULLERTON	62.35	31	0.46	34	135.22	16	1.19	15	90.11	30	0.61	32	68.99	33	0.42	35	90.57	25	0.79	22	82.20	29	0.72	27
HUNTINGTON BEACH	109.42	14	1.04	16	129.50	18	1.02	21	122.54	20	0.96	20	95.78	23	0.89	21	66.51	32	0.68	29	79.41	31	0.78	25
KERNVILLE	585.93	1	2.01	4	584.74	3	1.80	7	165.69	16	1.02	18	226.76	5	1.31	6	232.18	4	1.96	3	178.69	8	1.99	3
LONG BEACH	41.50	35	0.42	35	72.28	34	0.63	34	58.48	35	0.58	34	75.83	31	0.55	33	75.11	30	0.70	28	66.23	34	0.61	32
MENIFEE	106.45	16	1.81	5	100.65	29	0.76	32	100.48	27	0.89	22	99.32	22	0.84	23	107.39	15	1.26	10	156.64	11	1.32	12
MONROVIA	219.77	4	0.87	20	124.34	21	1.08	18	2414.04	1	1.89	6	108.11	20	1.13	15	99.12	20	1.02	16	133.31	14	1.16	16
MONTEBELLO	192.33	5	1.19	11	147.85	14	1.12	17	678.33	4	1.21	15	131.06	12	1.13	14	118.08	13	1.17	12	158.32	10	1.16	15
ONTARIO	88.19	23	0.75	23	90.45	32	0.81	26	117.66	21	0.82	26	93.09	24	0.87	22	77.39	29	0.79	23	97.88	23	1.00	19
PALM SPRINGS	151.66	11	1.11	15	180.69	11	1.04	20	164.77	17	0.89	23	175.92	8	1.27	8	112.80	14	0.77	25	106.96	20	0.71	29
REDLANDS	107.20	15	0.90	19	216.76	8	1.69	9	253.70	9	1.63	9	120.13	16	1.11	16	96.48	21	1.04	15	154.23	12	1.04	18
RIDGECREST	58.34	34	0.68	25	153.38	12	1.41	12	89.26	31	0.74	30	229.65	4	1.44	4	161.95	9	1.12	13	176.80	9	1.57	6
SADDLEBACK	78.99	26	0.70	24	137.24	15	0.96	24	75.94	33	0.55	35	83.04	27	0.73	27	70.66	31	0.53	34	99.07	22	0.74	26
SAN JOAQUIN	96.59	20	0.91	18	126.70	20	1.04	19	83.98	32	0.74	29	135.90	10	1.04	18	244.44	2	1.45	6	137.98	13	1.17	14
SANTA ANA	67.83	30	0.60	31	104.57	27	0.81	27	102.01	26	0.82	27	78.60	29	0.55	32	93.35	24	0.74	26	91.65	26	0.84	23
SANTA BARBARA	178.87	7	1.80	6	151.19	13	1.01	22	104.86	25	0.87	25	153.77	9	1.15	13	82.00	28	0.70	27	183.69	7	1.38	9
SANTA MONICA	86.23	24	0.65	28	98.32	30	0.89	25	95.08	29	0.58	33	101.69	21	0.79	25	122.78	12	1.00	17	110.74	19	0.99	20
SOUTH BAY	158.58	9	1.16	12	190.65	9	1.20	14	178.73	13	1.35	12	122.67	15	1.17	10	142.15	10	1.49	5	125.15	16	1.39	8
TEHACHAPI	168.04	8	2.01	3	434.02	5	3.23	3	231.23	10	1.81	7	117.96	17	1.43	5	232.67	3	1.12	14	130.70	15	1.29	13
THOUSAND OAKS	103.16	17	0.99	17	124.26	22	1.37	13	146.69	18	1.14	16	127.73	14	1.05	17	93.86	23	0.91	18	104.17	21	1.10	17
VALENCIA	101.70	18	0.81	22	117.82	25	0.81	29	130.85	19	1.04	17	62.01	35	0.46	34	51.04	34	0.53	33	79.22	32	0.61	33
VENTURA	112.42	13	1.29	10	182.74	10	1.72	8	167.85	14	2.25	4	134.81	11	1.15	11	100.52	18	1.21	11	183.77	6	1.65	4
VICTORVILLE	61.93	32	0.64	29	96.45	31	1.01	23	196.85	12	1.01	19	67.70	34	0.66	30	61.33	33	0.63	30	68.84	33	0.63	31
WHITTIER	74.92	28	0.53	32	101.33	28	0.70	33	99.74	28	0.75	28	72.60	32	0.74	26	135.04	11	0.86	19	87.60	28	0.70	30
WILDOMAR	59.71	33	1.48	7	127.12	19	1.12	16	109.41	24	1.22	14	88.55	26	0.72	28	40.50	35	0.56	32	118.49	18	0.81	24
YUCCA VALLEY	192.28	6	1.16	13	307.67	7	3.02	4	436.44	6	2.16	5	319.82	3	3.41	2	216.97	5	1.50	4	304.18	3	1.49	7
SCE System Wide	105.80		0.90		140.91		1.05		232.39		1.04		108.13		0.89		102.61		0.91		112.18		0.97	

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

# Overview of Santa Monica

There are 48 circuits that serve the City of Santa Monica

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
AIRCRAFT(16KV)	34	PALISADES(4KV)	10				
ALBATROSS(16KV)	4,657	PARMAN(16KV)	3,876				
ASHLAND(4KV)	764	PICKERING(4KV)	308				
BEACHCOMBER(16KV)	3,693	PURDUE(16KV)	1,907				
CARLYLE(4KV)	505	REGENT(4KV)	224				
CEDAR(4KV)	1,315	RIPTIDE(16KV)	4,758				
CHELSEA(4KV)	900	SECURITY(4KV)	100				
CLOVERFIELD(4KV)	1,172	SIXTEENTH ST.(4KV)	732				
COURTLAND(16KV)	526	SUNTOWER(16KV)	797				
CYRUS(16KV)	290	SURFRIDER(16KV)	106				
DEAUVILLE(4KV)	38	TAFT(16KV)	833				
DEBUG(16KV)	2,564	TRADEWIND(16KV)	3,098				
DELAWARE(16KV)	1,447	TWENTY SIX ST(4KV)	306				
EAST MONTANA(4KV)	317	TWENTY THREE ST(4K	52				
FRANKLIN(16KV)	88	TWENTY TWO ST(4KV)	66				
GATEWAY(4KV)	856	WADSWORTH(4KV)	1,843				
GEORGIAN(4KV)	288	WALGROVE(16KV)	579				
IRWIN HTS(4KV)	1,011	YALE(4KV)	621				
JONES(4KV)	1,266						
KANSAS(4KV)	1,407						
LASSEN(4KV)	572						
MADISON(16KV)	1,514						
MARSHALL(16KV)	3,256						
MCEWAN(16KV)	574						
MEDICAL(4KV)	1,031						
NAVY(16KV)	3,207						
NEON(16KV)	1,746						
NINTH ST(4KV)	163						
NOMAD(16KV)	36						
NORTHSIDE(4KV)	1,083						
<b>Grand Total</b>	<b>56,536</b>						

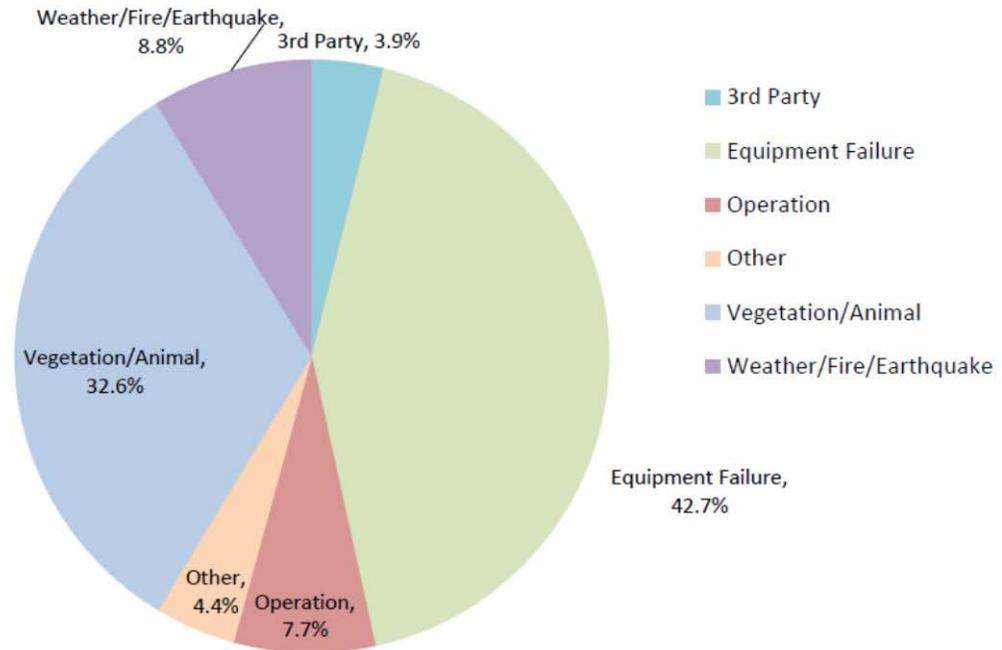
## Reliability History of Circuits Serving Santa Monica (No Exclusions)



# Causes of Repair Outages in Santa Monica Circuits 2014

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

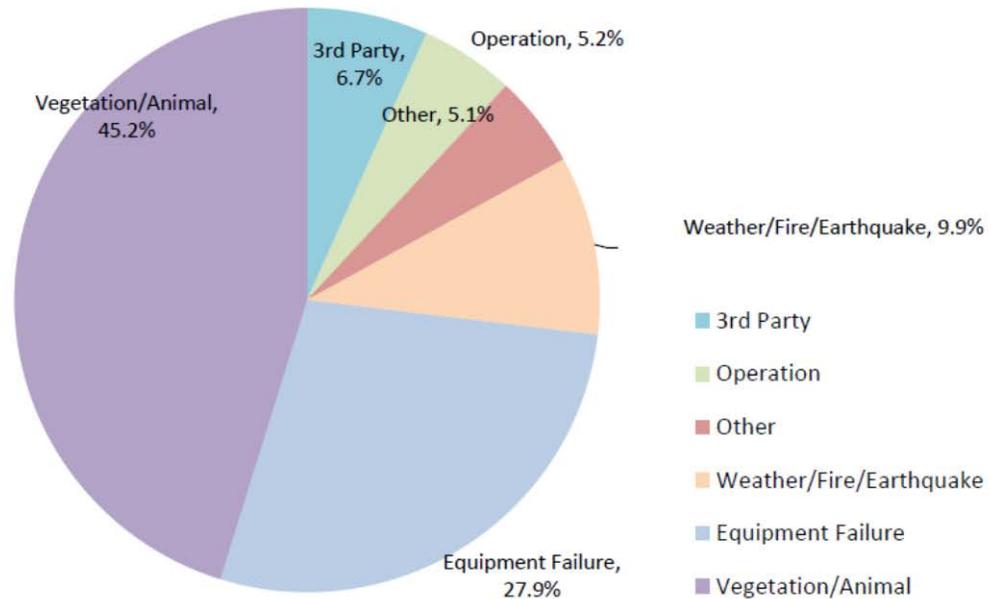


**SAIDI** = the cumulative amount of time the average customer is interrupted by “sustained” outages each year.

## Causes of Repair Outages in Santa Monica Circuits 2014

### 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
- **3<sup>rd</sup> Party**  
e.g., balloon, car hit pole, dig-in



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

# Circuit Reliability Management

To perform circuit rehabilitation in 2015, the process started in 2012



2012: Review circuit outage records for 2009 – 2011.

**Note:** The significant volatility in circuit performance requires evaluation of performance over a long period of time to ensure the targeting of "actual" versus "apparent" problem circuits.

2012: Identify candidate "worst" circuits based on outage statistics.

Refine list of circuits based on field personnel input, e.g., engineering, operations, public affairs.

2013: For each targeted circuit, identify improvements and/or replacements which would cost-effectively improve future reliability based on past outage causes and locations, equipment age, and circuit design.

Work may include equipment replacement, installation of isolation devices, and provisions for providing alternate sources of power

2014: Survey the job sites, develop the construction Work Orders, obtain easements, & identify needed permits.

2015: Project construction.

**Rehabilitating circuits is a systematic and objective process.**





# Back-up Slides

**Reliability Histories of Circuits Serving Santa Monica**

**Updated through Year-End 2014**

## Average Reliability of 48 Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI																					
<b>SANTA MONICA</b>	<b>140.3</b>	<b>0.8</b>	<b>1.4</b>	<b>107.8</b>	<b>0.8</b>	<b>0.8</b>	<b>104.2</b>	<b>1.1</b>	<b>1.0</b>	<b>13.2</b>	<b>0.2</b>	<b>0.2</b>	<b>15.2</b>	<b>0.1</b>	<b>0.0</b>	<b>15.5</b>	<b>0.2</b>	<b>0.1</b>	<b>35.7</b>	<b>0.6</b>	<b>0.3</b>	<b>79.7</b>	<b>1.1</b>	<b>0.7</b>
3rd Party	15%	8%	12%	4%	6%	5%	5%	7%	13%	11%	22%	10%	0%	0%	0%	11%	19%	0%	0%	0%	10%	4%	7%	8%
Equipment Failure	36%	37%	30%	48%	44%	23%	35%	47%	31%	5%	4%	5%	8%	2%	0%	73%	59%	0%	59%	28%	7%	43%	28%	5%
Operation	7%	9%	6%	10%	18%	14%	14%	18%	1%	10%	9%	0%	9%	22%	0%	11%	8%	7%	5%	1%	0%	8%	5%	1%
Other	17%	17%	42%	9%	4%	12%	1%	1%	11%	0%	0%	0%	2%	1%	0%	5%	13%	59%	7%	5%	36%	4%	5%	29%
Vegetation/Animal	16%	19%	8%	8%	25%	32%	14%	17%	41%	68%	57%	47%	81%	76%	100%	1%	1%	34%	12%	52%	0%	33%	45%	23%
Weather/Fire/Earthquake	9%	10%	2%	21%	3%	14%	32%	10%	3%	6%	9%	38%	0%	0%	0%	0%	0%	0%	17%	15%	47%	9%	10%	35%
<b>SCE Systemwide</b>	<b>232.4</b>	<b>1.0</b>	<b>1.5</b>	<b>108.1</b>	<b>0.9</b>	<b>1.4</b>	<b>102.6</b>	<b>0.9</b>	<b>1.2</b>	<b>21.4</b>	<b>0.2</b>	<b>0.3</b>	<b>26.4</b>	<b>0.2</b>	<b>0.4</b>	<b>29.5</b>	<b>0.2</b>	<b>0.3</b>	<b>35.0</b>	<b>0.3</b>	<b>0.4</b>	<b>112.2</b>	<b>1.0</b>	<b>1.4</b>

**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
- 3<sup>rd</sup> 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 Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014					
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI			
<b>AIRCRAFT(16KV) - Customers: 34</b>	<b>0.0</b>	<b>0.0</b>	<b>1.1</b>	<b>89.1</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>			
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%	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%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CEDAR(4KV) - Customers: 1,315</b>	<b>336.8</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>			
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%	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%	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%	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%	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%	0%	0%	0%
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%	0%	0%	0%
<b>COURTLAND(16KV) - Customers: 526</b>	<b>0.4</b>	<b>0.0</b>	<b>0.8</b>	<b>39.1</b>	<b>0.2</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>1.0</b>			
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%	0%	0%	0%
Operation	0%	0%	0%	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	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	100%	100%	0%	100%	100%	100%	100%	100%	100%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	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%	0%	0%	0%
<b>DEAUVILLE(4KV) - Customers: 38</b>	<b>8.0</b>	<b>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>			
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%	0%	0%	0%
Operation	100%	100%	100%	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%	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%	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%	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%	0%	0%	0%

### Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014					
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI			
<b>NINTH ST(4KV) - Customers: 163</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>84.2</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>83.9</b>	<b>1.0</b>	<b>1.0</b>
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%	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%	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%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	50%	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%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	50%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
<b>NOMAD(16KV) - Customers: 36</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>50.2</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>									
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%	0%	0%	0%
Operation	0%	0%	0%	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%	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%	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%	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%	0%	0%	0%
<b>TWENTY SIX ST(4KV) - Customers: 306</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.7</b>	<b>0.2</b>	<b>0.0</b>	<b>7.7</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	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%	0%	0%	0%	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%	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%	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%	0%	0%	0%
<b>TWENTY THREE ST(4KV) - Customers: 52</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>55.6</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>153.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>151.5</b>	<b>1.0</b>	<b>0.0</b>
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%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	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%	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%	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%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014					
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI			
<b>TWENTY TWO ST(4KV) - Customers: 66</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>53.7</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>153.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>153.0</b>	<b>1.0</b>	<b>0.0</b>			
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%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	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%	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%	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%	0%	0%	0%
<b>ALBATROSS(16KV) - Customers: 4,657</b>	<b>255.1</b>	<b>1.7</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>341.5</b>	<b>5.1</b>	<b>3.0</b>	<b>103.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>102.7</b>	<b>1.0</b>	<b>1.0</b>			
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%	0%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	27%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	100%	100%	57%	0%	0%	100%	6%	20%	66%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%
Equipment Failure	0%	0%	43%	0%	0%	0%	67%	60%	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>ASHLAND(4KV) - Customers: 764</b>	<b>22.7</b>	<b>0.0</b>	<b>1.0</b>	<b>9.3</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.2</b>	<b>1.0</b>	<b>0.0</b>	<b>13.2</b>	<b>1.0</b>	<b>0.0</b>			
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%	0%	0%	0%
Operation	0%	0%	0%	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%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	0%	0%	0%
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%	0%	0%	0%
<b>BEACHCOMBER(16KV) - Customers: 3,693</b>	<b>12.2</b>	<b>0.1</b>	<b>0.0</b>	<b>26.2</b>	<b>1.0</b>	<b>0.0</b>	<b>2.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>															
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%	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%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	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	100%	100%	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%	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%	0%	0%	0%

## Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>CARLYLE(4KV) - Customers: 505</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>
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%
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%
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%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
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%
<b>CHELSEA(4KV) - Customers: 900</b>	<b>4.3</b>	<b>0.0</b>	<b>0.0</b>	<b>139.7</b>	<b>0.1</b>	<b>1.1</b>	<b>5.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.0</b>	<b>1.0</b>	<b>0.0</b>	<b>142.9</b>	<b>1.7</b>	<b>0.7</b>	<b>159.0</b>	<b>2.7</b>	<b>0.7</b>
Weather/Fire/Earthquake	0%	0%	0%	70%	53%	0%	0%	0%	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%
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%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	91%	64%	100%
3rd Party	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	9%	36%	0%
Equipment Failure	0%	0%	0%	30%	47%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CLOVERFIELD(4KV) - Customers: 1,172</b>	<b>81.6</b>	<b>0.5</b>	<b>2.8</b>	<b>10.3</b>	<b>0.0</b>	<b>0.9</b>	<b>190.1</b>	<b>1.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>21.0</b>	<b>1.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	29%	9%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	70%	91%	0%	32%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	38%	2%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	62%	98%	0%
Other	0%	0%	100%	0%	0%	100%	0%	0%	52%	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	1%	0%	0%	68%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>CYRUS(16KV) - Customers: 290</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>40.5</b>	<b>0.5</b>	<b>1.8</b>	<b>4.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.5</b>	<b>0.0</b>	<b>1.0</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	100%	100%	45%	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%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	55%	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%
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%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%

### Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014			
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	
<b>DEBUG(16KV) - Customers: 2,564</b>	<b>392.8</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.5</b>	<b>0.0</b>	<b>0.0</b>									
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%	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%	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%	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%	0%
3rd Party	99%	96%	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%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>DELAWARE(16KV) - Customers: 1,447</b>	<b>119.3</b>	<b>0.2</b>	<b>1.0</b>	<b>114.1</b>	<b>3.7</b>	<b>0.5</b>	<b>181.8</b>	<b>2.6</b>	<b>4.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>												
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%	0%
Operation	5%	7%	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	3%	6%	0%	63%	58%	100%	0%	0%	21%	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%	0%
3rd Party	11%	14%	100%	0%	0%	0%	30%	21%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	81%	73%	0%	37%	42%	0%	70%	79%	70%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>EAST MONTANA(4KV) - Customers: 317</b>	<b>1103.5</b>	<b>3.9</b>	<b>0.0</b>	<b>22.6</b>	<b>0.2</b>	<b>1.3</b>	<b>108.3</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>
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%	0%
Operation	71%	68%	0%	0%	0%	0%	38%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	80%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Other	0%	0%	0%	3%	8%	20%	62%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3rd Party	29%	32%	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%	97%	92%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>FRANKLIN(16KV) - Customers: 88</b>	<b>270.8</b>	<b>0.6</b>	<b>0.0</b>	<b>279.8</b>	<b>3.9</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>257.5</b>	<b>0.4</b>	<b>0.0</b>	<b>253.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>
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%	0%
Operation	80%	88%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%
Vegetation/Animal	0%	0%	0%	50%	60%	100%	0%	0%	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%	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%	0%
Equipment Failure	20%	12%	0%	50%	40%	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 Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>GATEWAY(4KV) - Customers: 856</b>	<b>1.9</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	
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%
Operation	9%	57%	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%	100%	100%	0%	100%	100%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
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	91%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>GEORGIAN(4KV) - Customers: 288</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>31.9</b>	<b>0.0</b>	<b>0.0</b>	<b>73.8</b>	<b>1.3</b>	<b>0.0</b>	<b>10.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
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%
Operation	0%	0%	0%	0%	0%	0%	81%	99%	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%
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%
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%	19%	1%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>IRWIN HTS(4KV) - Customers: 1,011</b>	<b>173.6</b>	<b>1.0</b>	<b>0.0</b>	<b>4.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>
Weather/Fire/Earthquake	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	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%	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%
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>JONES(4KV) - Customers: 1,266</b>	<b>37.5</b>	<b>0.1</b>	<b>10.6</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>	<b>599.4</b>	<b>1.7</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>2.0</b>	<b>13.0</b>	<b>1.0</b>	<b>2.0</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	99%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%
Operation	0%	0%	9%	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%	100%	100%	0%	100%	100%	0%
Other	0%	0%	37%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3rd Party	34%	75%	8%	0%	0%	0%	0%	0%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	66%	25%	46%	0%	0%	50%	1%	1%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	50%	

## Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI																					
<b>KANSAS(4KV) - Customers: 1,407</b>	<b>4.3</b>	<b>0.0</b>	<b>1.0</b>	<b>241.0</b>	<b>1.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>31.7</b>	<b>1.0</b>	<b>1.0</b>	<b>22.5</b>	<b>1.0</b>	<b>0.0</b>	<b>54.3</b>	<b>2.0</b>	<b>1.0</b>
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%
Operation	100%	100%	0%	4%	3%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	43%	5%	0%	18%	3%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	57%	95%	0%	24%	48%	0%
Other	0%	0%	100%	94%	95%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	59%	49%	100%
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%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>LASSEN(4KV) - Customers: 572</b>	<b>514.2</b>	<b>3.4</b>	<b>0.5</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>												
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%
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%
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%
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%
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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MADISON(16KV) - Customers: 1,514</b>	<b>57.2</b>	<b>0.1</b>	<b>0.0</b>	<b>418.0</b>	<b>3.9</b>	<b>2.0</b>	<b>146.1</b>	<b>1.4</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>1.0</b>
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%
Operation	97%	97%	0%	13%	32%	100%	48%	28%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Vegetation/Animal	0%	0%	0%	4%	12%	0%	52%	72%	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%	100%	0%	0%	0%	0%	0%	100%
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	3%	3%	0%	83%	56%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MARSHALL(16KV) - Customers: 3,256</b>	<b>21.4</b>	<b>0.5</b>	<b>1.3</b>	<b>258.8</b>	<b>2.0</b>	<b>0.8</b>	<b>176.6</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>3.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>120.6</b>	<b>2.6</b>	<b>2.4</b>	<b>125.2</b>	<b>2.6</b>	<b>3.4</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	86%	62%	58%	83%	61%	70%
Operation	0%	0%	0%	1%	4%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	15%	27%	49%	97%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	38%	0%	13%	38%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%	0%	0%	30%
3rd Party	0%	0%	69%	12%	24%	51%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	100%	100%	31%	72%	45%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%

## Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI															
<b>MCEWAN(16KV) - Customers: 574</b>	<b>850.6</b>	<b>1.0</b>	<b>2.2</b>	<b>5.1</b>	<b>0.0</b>	<b>1.0</b>	<b>925.5</b>	<b>1.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	100%	100%	100%	0%	0%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Other	0%	0%	94%	0%	0%	0%	0%	0%	50%	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%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>MEDICAL(4KV) - Customers: 1,031</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>502.5</b>	<b>1.0</b>	<b>0.0</b>	<b>17.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>54.7</b>	<b>1.0</b>	<b>0.0</b>	<b>117.9</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>172.9</b>	<b>2.9</b>	<b>0.0</b>
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%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	35%	34%	0%	0%	0%	0%	55%	57%	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%
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%
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	65%	66%	0%	0%	0%	0%	45%	43%	0%	0%
Equipment Failure	0%	0%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>NAVY(16KV) - Customers: 3,207</b>	<b>563.5</b>	<b>3.5</b>	<b>5.3</b>	<b>159.9</b>	<b>1.1</b>	<b>3.4</b>	<b>161.9</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>198.0</b>	<b>2.7</b>	<b>1.0</b>	<b>201.6</b>	<b>2.7</b>	<b>1.0</b>	<b>1.0</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	100%	2%	0%	100%	0%
Operation	3%	2%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	2%	0%	8%	2%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	38%	0%	7%	38%	0%	0%
Other	50%	30%	40%	36%	6%	29%	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%	42%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	47%	68%	40%	63%	94%	40%	58%	48%	0%	0%	0%	0%	0%	0%	100%	100%	0%	83%	59%	0%	84%	60%	0%	0%
<b>NEON(16KV) - Customers: 1,746</b>	<b>90.6</b>	<b>1.1</b>	<b>1.0</b>	<b>6.6</b>	<b>0.1</b>	<b>1.0</b>	<b>20.2</b>	<b>0.1</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.1</b>	<b>0.0</b>	<b>0.0</b>	<b>123.2</b>	<b>1.0</b>	<b>0.0</b>	<b>20.2</b>	<b>1.0</b>	<b>0.0</b>	<b>152.0</b>	<b>2.1</b>	<b>0.0</b>
Weather/Fire/Earthquake	0%	0%	0%	100%	100%	0%	62%	46%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	8%	95%	0%	0%	0%	0%	38%	54%	0%	0%	0%	0%	100%	100%	0%	0%	0%	36%	1%	0%	10%	2%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	64%	99%	0%	9%	49%	0%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3rd Party	1%	0%	0%	0%	0%	0%	0%	0%	54%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	92%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	81%	49%	0%

### Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI																					
<b>NORTHSIDE(4KV) - Customers: 1,083</b>	<b>651.6</b>	<b>3.0</b>	<b>3.9</b>	<b>31.6</b>	<b>0.1</b>	<b>0.0</b>	<b>191.6</b>	<b>2.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	67%	66%	0%	0%	0%	0%	74%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	1%	0%	36%	32%	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%	24%	49%	50%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	0%	100%	100%	0%
Other	32%	32%	50%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3rd Party	0%	0%	25%	12%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	1%	1%	25%	53%	55%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>PALISADES(4KV) - Customers: 10</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>78.4</b>	<b>1.0</b>	<b>1.0</b>	<b>74.8</b>	<b>0.9</b>	<b>1.9</b>
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%
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%
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%	52%
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%
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%	100%	100%	100%	100%	100%	100%	48%
<b>PARMAN(16KV) - Customers: 3,876</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>47.7</b>	<b>1.2</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>179.8</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>179.2</b>	<b>1.0</b>	<b>0.0</b>
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%
Operation	0%	0%	0%	0%	0%	0%	99%	100%	9%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	46%	0%	0%	0%	100%	99%	0%	0%	0%	0%	0%	0%	0%	100%	99%	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%
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%	1%	0%	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>PICKERING(4KV) - Customers: 308</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>255.5</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>															
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%
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%
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%
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%
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%

## Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>PURDUE(16KV) - Customers: 1,907</b>	<b>0.6</b>	<b>0.0</b>	<b>1.0</b>	<b>3.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.2</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>13.2</b>	<b>0.0</b>	<b>2.0</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	100%	0%	0%	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%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	50%
Other	0%	0%	100%	0%	0%	0%	0%	0%	50%	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%	100%	0%	0%	50%
Equipment Failure	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>REGENT(4KV) - Customers: 224</b>	<b>10.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>102.7</b>	<b>0.7</b>	<b>0.0</b>	<b>156.7</b>	<b>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>	<b>4.1</b>	<b>0.0</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>182.3</b>	<b>2.0</b>	<b>2.1</b>
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%
Operation	0%	0%	0%	0%	0%	0%	69%	92%	0%	100%	100%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	98%	98%	50%
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%
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%
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%	31%	8%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	2%	2%	0%
<b>RIPTIDE(16KV) - Customers: 4,758</b>	<b>15.6</b>	<b>0.0</b>	<b>0.0</b>	<b>382.8</b>	<b>1.2</b>	<b>2.0</b>	<b>93.9</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.8</b>	<b>0.0</b>	<b>0.0</b>	<b>87.8</b>	<b>1.0</b>	<b>0.0</b>	<b>136.8</b>	<b>1.0</b>	<b>0.0</b>	<b>241.7</b>	<b>2.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	0%	0%	0%	65%	22%	43%	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%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	1%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	46%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
3rd Party	4%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	96%	83%	0%	35%	78%	57%	100%	100%	0%	0%	0%	0%	73%	54%	0%	99%	99%	0%	100%	100%	0%	98%	99%	0%
<b>SECURITY(4KV) - Customers: 100</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
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%
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%
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%
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%
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%

### Reliability Histories for Individual Circuits Serving Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>SIXTEENTH ST.(4KV) - Customers: 732</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>80.1</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>64.0</b>	<b>1.0</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>63.8</b>	<b>1.0</b>	<b>0.8</b>
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Operation	0%	0%	0%	100%	100%	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%
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%
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%
<b>SUNTOWER(16KV) - Customers: 797</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>447.9</b>	<b>4.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.9</b>	<b>0.0</b>	<b>0.0</b>
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%
Operation	0%	0%	0%	68%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	9%	20%	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%
3rd Party	0%	0%	0%	23%	21%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
<b>SURFRIDER(16KV) - Customers: 106</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>52.6</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>52.7</b>	<b>1.0</b>	<b>1.0</b>
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%
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%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	100%	100%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
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%
<b>TAFT(16KV) - Customers: 833</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>226.1</b>	<b>3.0</b>	<b>2.0</b>	<b>31.0</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.3</b>	<b>0.1</b>	<b>0.0</b>	<b>7.2</b>	<b>0.1</b>	<b>0.0</b>
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%
Operation	0%	0%	0%	0%	0%	0%	50%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	32%	33%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	50%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	100%	100%	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%	100%	68%	67%	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 Santa Monica

	2011			2012			2013			1st Qtr 2014			2nd Qtr 2014			3rd Qtr 2014			4th Qtr 2014			2014		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>TRADEWIND(16KV) - Customers: 3,098</b>	<b>27.7</b>	<b>0.1</b>	<b>0.9</b>	<b>49.4</b>	<b>1.0</b>	<b>0.0</b>	<b>3.1</b>	<b>0.0</b>	<b>0.9</b>	<b>14.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.4</b>	<b>0.1</b>	<b>1.0</b>
Weather/Fire/Earthquake	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%	78%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	7%	3%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	77%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	71%	65%	0%
Other	54%	72%	0%	22%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
3rd Party	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	46%	28%	0%	0%	0%	0%	0%	0%	100%	23%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	32%	0%
<b>WADSWORTH(4KV) - Customers: 1,843</b>	<b>6.0</b>	<b>1.0</b>	<b>4.1</b>	<b>20.4</b>	<b>0.3</b>	<b>0.0</b>	<b>88.4</b>	<b>0.6</b>	<b>1.6</b>	<b>43.9</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>13.0</b>	<b>1.0</b>	<b>0.0</b>	<b>56.8</b>	<b>2.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	23%	50%	0%
Other	100%	100%	75%	0%	0%	0%	0%	0%	38%	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%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	77%	50%	0%
Equipment Failure	0%	0%	25%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>WALGROVE(16KV) - Customers: 579</b>	<b>27.7</b>	<b>1.0</b>	<b>3.1</b>	<b>61.0</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>26.2</b>	<b>1.0</b>	<b>0.0</b>	<b>26.2</b>	<b>1.0</b>	<b>0.0</b>
Weather/Fire/Earthquake	100%	100%	67%	0%	0%	100%	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%	0%	0%	0%	7%	1%	0%	7%	1%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	97%	0%	50%	97%	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%
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%	44%	3%	0%	44%	3%	0%
<b>YALE(4KV) - Customers: 621</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>32.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>
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%
Operation	0%	0%	0%	100%	100%	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%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
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%

Attachment 2  
Circuit Rebuilds Maps

