



# Circuit Reliability Review

## **Menifee**

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January 2017

# Providing Safe, Reliable, and Affordable Power

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

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

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

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

# Understanding Your Reliability Report

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

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

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

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

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

# Reliability Metrics

## MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

### MAIFI:

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

## SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

### SAIFI:

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

### SAIDI:

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

## Cities in the Meniffee District

Box Springs Mountain

East Hemet

Good Hope

Hemet

Homeland

Idyllwild-Pine Cove

Juniper Flats

Lakeview

March Afb

Meadowbrook

**Meniffee**

Moreno Valley

Mountain Center

Nuevo

Perris

Riverside

San Jacinto

Valle Vista

Winchester

Woodcrest

# Reliability by SCE District (No Exclusions)

District Name	2012				2013				2014				2015				2016			
	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking	District SAIDI	SAIDI RANKING	District SAIFI	SAIFI Ranking
ANTELOPE VALLEY	78.60	28	0.56	31	94.42	22	0.62	31	51.05	35	0.59	34	104.34	22	0.68	30	107.67	24	0.87	29
ARROWHEAD	129.58	13	1.31	7	180.59	7	1.39	8	193.25	5	1.59	5	362.61	4	3.97	1	659.46	3	2.85	5
BARSTOW	184.80	7	1.15	12	204.33	6	1.40	7	201.53	4	1.34	10	187.11	8	1.17	12	134.83	18	1.35	9
BIG CREEK	1184.25	1	4.52	1	176.51	8	3.08	1	920.25	1	1.34	11	422.77	2	3.42	2	1062.01	2	4.99	1
BISHOP	463.09	2	1.25	9	104.44	17	0.51	35	118.79	17	0.59	35	298.11	6	2.22	4	168.59	8	1.22	14
BLYTHE	225.88	6	1.53	3	483.13	1	1.38	9	707.54	2	2.42	2	427.00	1	1.52	7	396.38	5	2.71	6
CATALINA	78.46	30	0.72	29	105.94	16	2.97	2	97.02	24	4.17	1	42.56	35	2.25	3	65.01	35	3.66	3
COVINA	108.73	19	0.92	19	100.51	19	0.86	20	91.60	27	0.87	22	100.08	23	0.81	25	112.13	22	0.97	24
DOMINGUEZ HILLS	117.22	18	0.82	24	89.17	26	0.80	21	82.30	29	0.71	28	130.63	15	0.97	17	146.38	12	1.11	17
FOOTHILL	91.69	25	0.90	20	85.80	27	0.79	24	93.35	25	0.93	21	109.64	20	0.95	20	142.81	14	1.03	21
FULLERTON	68.99	33	0.42	35	90.57	25	0.79	22	82.23	30	0.72	27	76.59	29	0.67	31	92.72	30	0.76	34
HUNTINGTON BEACH	95.78	23	0.89	21	66.51	32	0.68	29	79.61	31	0.78	25	98.32	25	0.95	19	128.02	20	1.26	12
KERNVILLE	226.76	5	1.31	6	232.18	4	1.96	3	178.69	8	1.99	3	286.38	7	0.96	18	2421.32	1	3.67	2
LONG BEACH	75.83	31	0.55	33	75.11	30	0.70	28	66.33	34	0.61	32	164.46	9	0.89	23	135.16	17	0.86	31
MENIFEE	99.32	22	0.84	23	107.39	15	1.26	10	156.68	11	1.32	12	111.46	19	0.98	16	156.75	9	1.31	10
MONROVIA	108.11	20	1.13	15	99.12	20	1.02	16	133.32	14	1.16	16	96.68	26	0.88	24	116.57	21	0.84	32
MONTEBELLO	131.06	12	1.13	14	118.08	13	1.17	12	158.34	10	1.16	15	150.28	12	1.18	11	133.52	19	1.17	15
ONTARIO	93.09	24	0.87	22	77.39	29	0.79	23	97.91	23	1.00	19	94.04	27	0.74	27	105.07	27	0.93	27
PALM SPRINGS	175.92	8	1.27	8	112.80	14	0.77	25	107.04	20	0.71	29	99.54	24	0.80	26	107.58	25	1.07	19
REDLANDS	120.13	16	1.11	16	96.48	21	1.04	15	154.25	12	1.04	18	124.52	17	1.01	14	137.11	16	0.98	23
RIDGECREST	229.65	4	1.44	4	161.95	9	1.12	13	176.84	9	1.57	6	148.90	13	1.01	15	254.31	6	1.05	20
SADDLEBACK	83.01	27	0.73	27	70.69	31	0.53	34	99.07	22	0.74	26	46.03	34	0.39	35	65.99	34	0.65	35
SAN JOAQUIN	135.90	10	1.04	18	244.44	2	1.45	6	138.25	13	1.17	14	127.50	16	1.05	13	108.44	23	1.09	18
SANTA ANA	78.60	29	0.55	32	93.35	24	0.74	26	91.68	26	0.84	23	67.46	32	0.71	29	97.27	29	1.00	22
SANTA BARBARA	153.81	9	1.15	13	82.00	28	0.70	27	183.78	7	1.38	9	152.37	11	1.52	6	156.66	10	1.41	8
SANTA MONICA	101.69	21	0.79	25	122.78	12	1.00	17	110.76	19	0.99	20	75.41	30	0.62	32	91.08	31	0.95	26
SOUTH BAY	122.68	15	1.17	10	142.15	10	1.49	5	125.28	16	1.39	8	164.07	10	1.31	8	183.90	7	1.88	7
TEHACHAPI	117.96	17	1.43	5	232.67	3	1.12	14	130.70	15	1.29	13	298.96	5	1.21	9	97.29	28	1.13	16
THOUSAND OAKS	127.73	14	1.05	17	93.86	23	0.91	18	104.37	21	1.10	17	106.59	21	0.92	21	143.78	13	1.31	11
VALENCIA	62.01	35	0.46	34	51.04	34	0.53	33	79.23	32	0.61	33	72.27	31	0.61	33	105.09	26	0.97	25
VENTURA	134.81	11	1.15	11	100.52	18	1.21	11	183.79	6	1.65	4	148.85	14	1.19	10	150.41	11	1.24	13
VICTORVILLE	67.70	34	0.66	30	61.33	33	0.63	30	68.85	33	0.63	31	87.03	28	0.91	22	79.35	33	0.92	28
WHITTIER	72.60	32	0.74	26	135.04	11	0.86	19	87.60	28	0.70	30	114.52	18	0.73	28	137.34	15	0.81	33
WILDOMAR	88.54	26	0.72	28	40.51	35	0.56	32	118.49	18	0.81	24	52.70	33	0.60	34	84.01	32	0.87	30
YUCCA VALLEY	319.82	3	3.41	2	216.97	5	1.50	4	304.25	3	1.49	7	389.08	3	1.80	5	463.68	4	3.39	4
<b>SCE SystemWide</b>	<b>108.13</b>		<b>0.89</b>		<b>102.61</b>		<b>0.91</b>		<b>112.00</b>		<b>0.96</b>		<b>114.83</b>		<b>0.92</b>		<b>134.48</b>		<b>1.10</b>	

\*\*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.

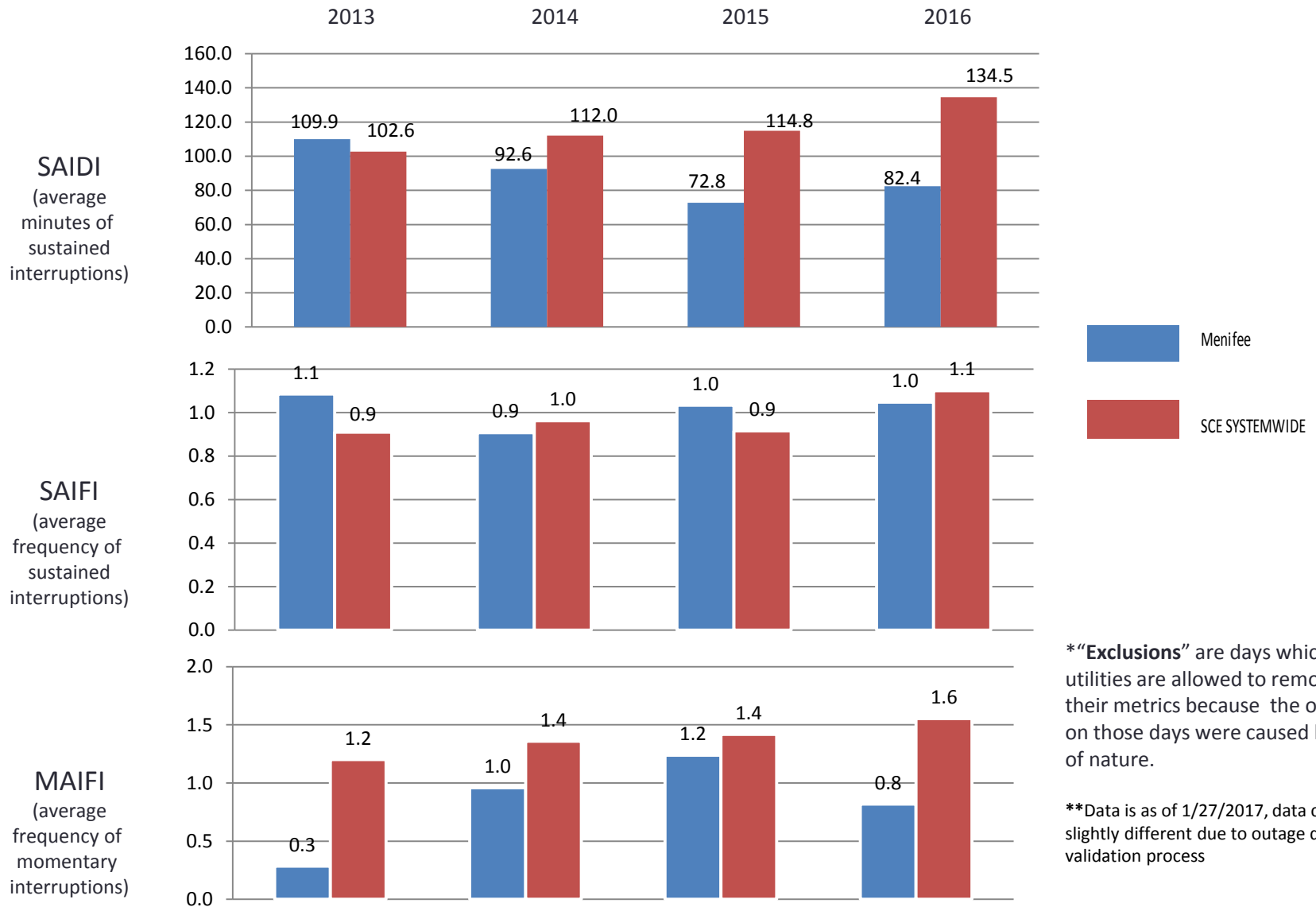
\*\*In the columns showing "Rank," lower numbers indicate poorer performance.

# Overview of Menifee

## There are 36 circuits that serve Menifee

Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers	Circuit Type	Sum of Customers
APPALOUA(12KV)	1,339	RIDGEMOOR(12KV)	1,981				
BECKER(12KV)	2,296	SONOMA(12KV)	1,800				
BRADLEY(12KV)	1,971	SUNDANCE(12KV)	1,332				
CARMEL(12KV)	1,762	SUNGLASSES(12KV)	1,711				
CASE(33KV)	2	TRUMBLE(12KV)	573				
CELESTIAL(12KV)	1,499	WARDELL(12KV)	2,622				
DEACON(12KV)	1,487						
EQUINOX(12KV)	594						
ETHANAC(12KV)	1,498						
FARMINGTON(12KV)	474						
FLARE(12KV)	1,140						
FLATS(12KV)	2,046						
GOETZ(12KV)	1,551						
HARNAGE(12KV)	1,926						
HELENKA(12KV)	1,174						
JERRY(12KV)	749						
LIVERMORE(12KV)	1,855						
LUSK(12KV)	1,017						
MAYER(33KV)	1						
MCLAUGHLIN(12KV)	831						
MENIFEE(12KV)	1,723						
NAPA(12KV)	1,090						
NATIONS(12KV)	511						
NEAPOLITAN(12KV)	1,331						
NOVA(12KV)	1,279						
OAKDALE(12KV)	1,809						
PIEDRA(12KV)	1,802						
PLASMA(12KV)	1,529						
PRESLEY(12KV)	1,682						
QUASAR(12KV)	915						
<b>Grand Total</b>	<b>48,902</b>						

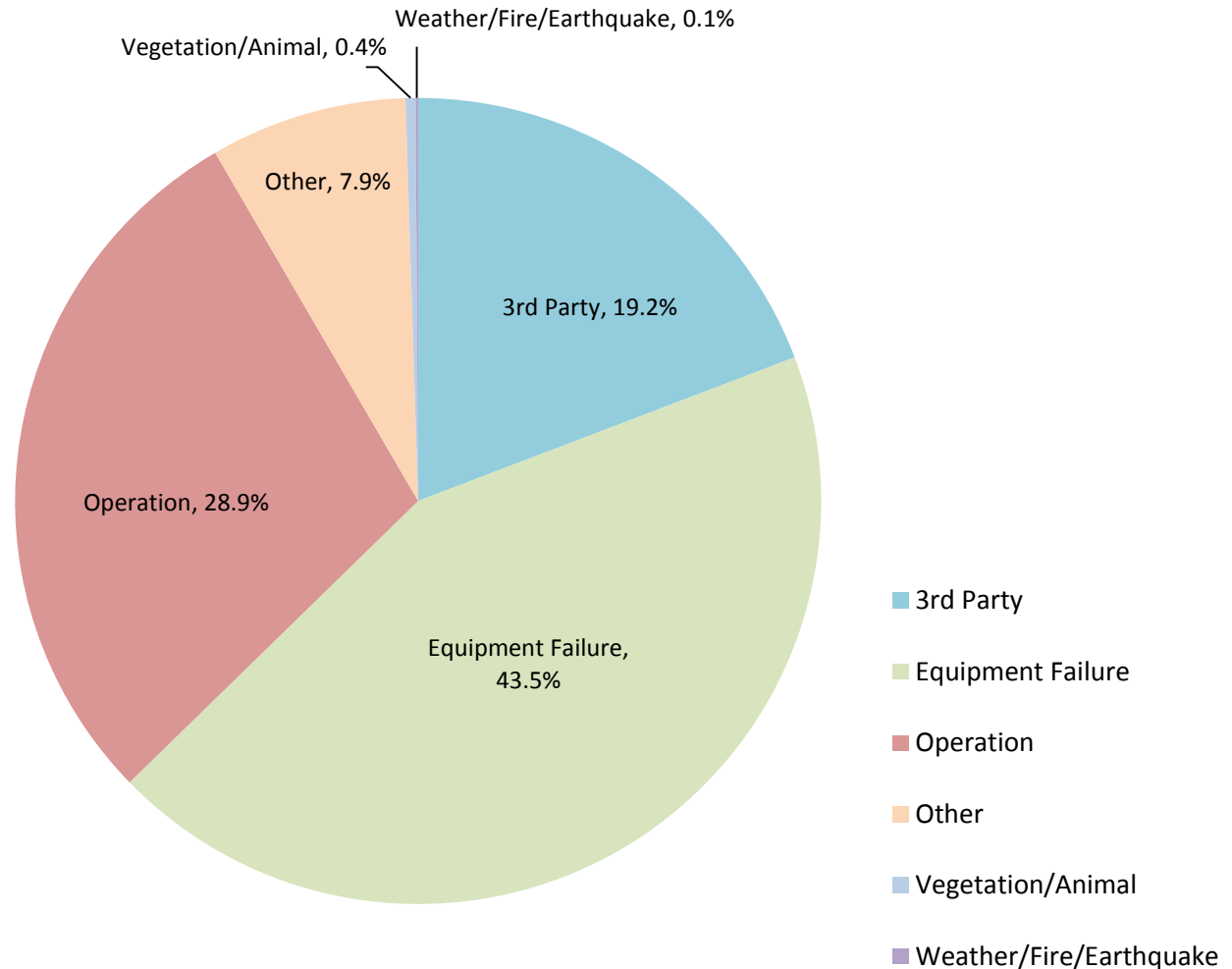
# Reliability History of Circuits Serving Menifee (No Exclusions)





# Causes of Repair Outages in Menifee Circuits 2016 YTD

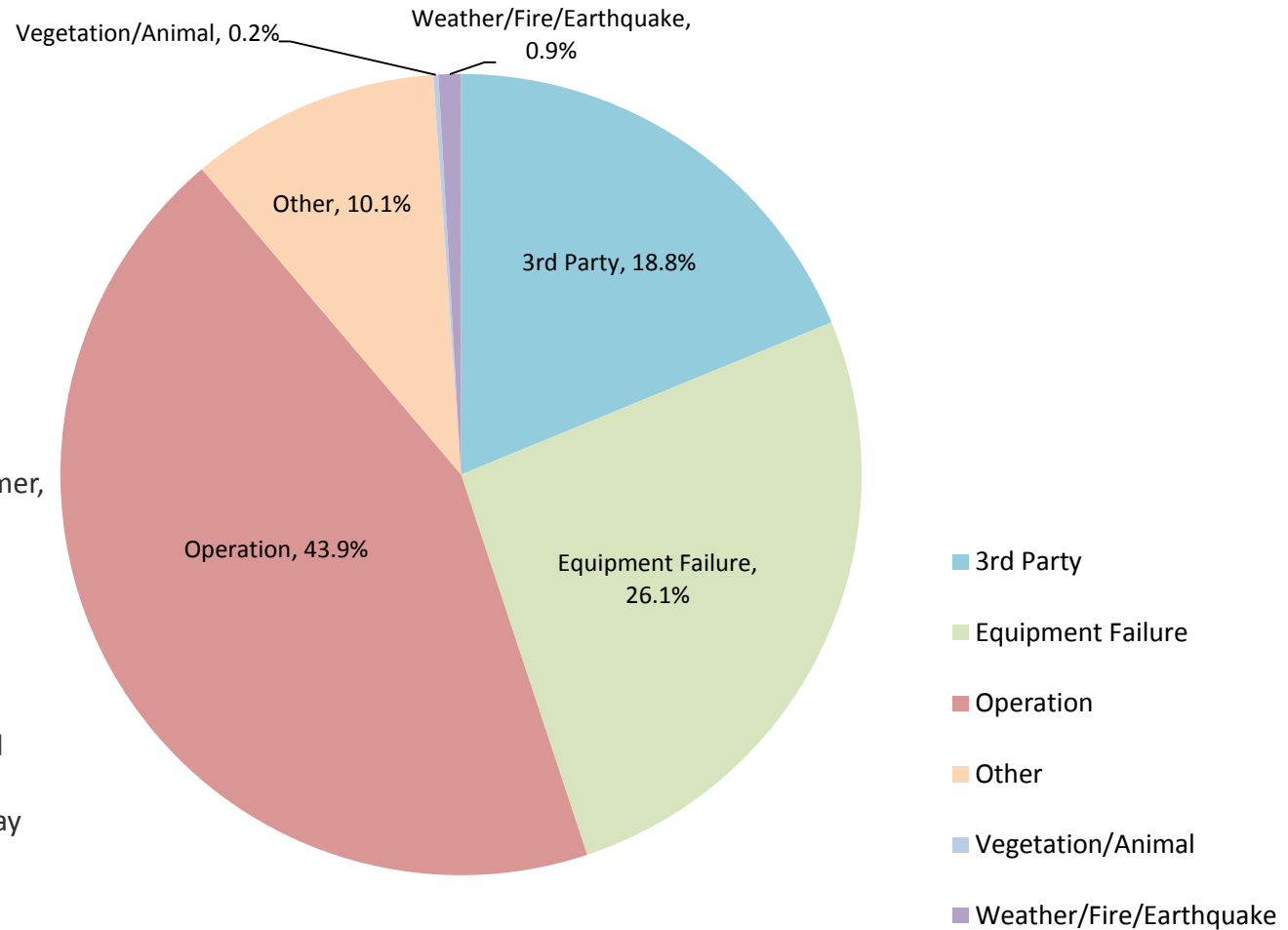
## Contributions to SAIDI by Outage Cause



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

# Causes of Repair Outages in Menifee Circuits 2016 YTD

## Contributions to SAIFI by Outage Cause



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







# Back-up Slides

**Reliability Histories of Circuits Serving Meniffee**

**Updated through Year-End 2016**

# Average Reliability of 36 Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>Menifee</b>	<b>109.9</b>	<b>1.1</b>	<b>0.3</b>	<b>92.6</b>	<b>0.9</b>	<b>1.0</b>	<b>72.8</b>	<b>1.0</b>	<b>1.2</b>	<b>14.0</b>	<b>0.2</b>	<b>0.2</b>	<b>27.5</b>	<b>0.3</b>	<b>0.2</b>	<b>16.0</b>	<b>0.2</b>	<b>0.1</b>	<b>24.8</b>	<b>0.3</b>	<b>0.4</b>	<b>82.4</b>	<b>1.0</b>	<b>0.8</b>
3rd Party	54%	54%	25%	14%	13%	10%	14%	15%	12%	48%	36%	37%	15%	31%	49%	0%	0%	0%	20%	10%	30%	19%	19%	32%
Equipment Failure	28%	23%	27%	37%	45%	26%	40%	30%	9%	17%	13%	8%	72%	51%	24%	18%	5%	15%	43%	28%	6%	44%	26%	11%
Operation	5%	12%	4%	8%	11%	18%	12%	7%	46%	26%	50%	45%	8%	5%	0%	80%	83%	43%	21%	46%	2%	29%	44%	16%
Other	13%	10%	22%	27%	15%	25%	19%	15%	31%	9%	1%	8%	5%	13%	26%	2%	13%	42%	14%	11%	29%	8%	10%	24%
Vegetation/Animal	0%	0%	0%	5%	6%	5%	6%	28%	1%	0%	0%	2%	0%	0%	0%	0%	0%	0%	1%	1%	32%	0%	0%	15%
Weather/Fire/Earthquake	0%	0%	21%	9%	9%	16%	9%	6%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	3%	0%	1%	1%
<b>SCE Systemwide</b>	<b>102.6</b>	<b>0.9</b>	<b>1.2</b>	<b>112.0</b>	<b>1.0</b>	<b>1.4</b>	<b>114.8</b>	<b>0.9</b>	<b>1.4</b>	<b>40.5</b>	<b>0.3</b>	<b>0.4</b>	<b>34.8</b>	<b>0.3</b>	<b>0.4</b>	<b>29.4</b>	<b>0.2</b>	<b>0.3</b>	<b>29.8</b>	<b>0.3</b>	<b>0.4</b>	<b>134.5</b>	<b>1.1</b>	<b>1.6</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 Meniffee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>APPALOUSSA(12KV) - Customers: 1,339</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>97.9</b>	<b>1.0</b>	<b>0.9</b>	<b>78.0</b>	<b>1.1</b>	<b>2.1</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>15.1</b>	<b>0.1</b>	<b>1.0</b>	<b>46.8</b>	<b>1.0</b>	<b>0.0</b>	<b>61.9</b>	<b>1.1</b>	<b>1.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	20%	5%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	0%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%	0%	96%	91%	0%	0%	0%	0%	23%	6%	0%
Operation	0%	0%	0%	2%	2%	100%	10%	8%	46%	0%	0%	0%	0%	0%	0%	4%	9%	0%	100%	100%	0%	77%	94%	0%
Other	0%	0%	0%	0%	0%	0%	64%	86%	4%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	98%	98%	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%
<b>BECKER(12KV) - Customers: 2,296</b>	<b>166.4</b>	<b>1.2</b>	<b>0.0</b>	<b>101.7</b>	<b>1.8</b>	<b>1.9</b>	<b>26.3</b>	<b>0.1</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.2</b>	<b>0.0</b>	<b>0.0</b>	<b>10.0</b>	<b>0.1</b>	<b>0.0</b>	<b>62.6</b>	<b>0.3</b>	<b>0.0</b>	<b>76.7</b>	<b>0.4</b>	<b>0.0</b>
3rd Party	58%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	36%	12%	0%	100%	100%	100%	96%	84%	0%	0%	0%	0%	0%	0%	0%	44%	26%	0%	51%	22%	0%	48%	20%	0%
Operation	6%	15%	0%	0%	0%	0%	4%	16%	50%	0%	0%	0%	100%	100%	0%	56%	74%	0%	49%	78%	0%	52%	80%	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%
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%
<b>BRADLEY(12KV) - Customers: 1,971</b>	<b>150.7</b>	<b>2.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>1.0</b>	<b>6.6</b>	<b>0.0</b>	<b>1.0</b>	<b>19.4</b>	<b>0.1</b>	<b>0.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>128.5</b>	<b>1.0</b>	<b>1.0</b>	<b>148.6</b>	<b>1.1</b>	<b>1.9</b>
3rd Party	93%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	7%	1%	0%	40%	8%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	87%	94%	0%
Operation	0%	0%	0%	60%	92%	0%	0%	0%	100%	100%	100%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	13%	6%	48%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	52%
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%
<b>CARMEL(12KV) - Customers: 1,762</b>	<b>111.8</b>	<b>1.0</b>	<b>0.0</b>	<b>19.1</b>	<b>0.0</b>	<b>1.0</b>	<b>25.8</b>	<b>0.1</b>	<b>1.0</b>	<b>125.1</b>	<b>1.0</b>	<b>1.0</b>	<b>29.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.0</b>	<b>1.0</b>	<b>0.0</b>	<b>160.3</b>	<b>2.0</b>	<b>1.0</b>
3rd Party	100%	100%	0%	0%	0%	0%	38%	48%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	78%	49%	100%
Equipment Failure	0%	0%	0%	0%	0%	0%	50%	38%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	18%	2%	0%
Operation	0%	0%	0%	100%	100%	100%	11%	14%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	4%	49%	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%

# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>CASE(33KV) - Customers: 2</b>	<b>37.5</b>	<b>1.5</b>	<b>0.5</b>	<b>1337.0</b>	<b>2.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>103.0</b>	<b>2.0</b>	<b>2.0</b>	<b>609.0</b>	<b>1.0</b>	<b>0.0</b>	<b>2236.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2948.0</b>	<b>5.0</b>	<b>4.0</b>
3rd Party	44%	33%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	76%	40%	50%
Equipment Failure	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	93%	50%	0%	0%	0%	0%	0%	0%	0%	3%	20%	0%
Operation	56%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	50%	0%	100%	100%	0%	0%	0%	0%	21%	40%	0%
Other	0%	0%	100%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	50%
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%
<b>CELESTIAL(12KV) - Customers: 1,499</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>123.4</b>	<b>1.0</b>	<b>0.0</b>	<b>22.5</b>	<b>0.1</b>	<b>0.0</b>	<b>2.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>23.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>25.8</b>	<b>0.1</b>	<b>0.0</b>
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%	72%	64%	0%	0%	0%	0%	0%	0%	0%	79%	49%	0%	0%	0%	0%	72%	41%	0%
Operation	0%	0%	0%	0%	0%	0%	28%	36%	0%	100%	100%	0%	0%	0%	0%	21%	51%	0%	0%	0%	0%	28%	59%	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%
<b>DEACON(12KV) - Customers: 1,487</b>	<b>235.0</b>	<b>2.3</b>	<b>1.6</b>	<b>5.5</b>	<b>0.3</b>	<b>0.9</b>	<b>196.4</b>	<b>3.9</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>93.9</b>	<b>1.6</b>	<b>1.6</b>	<b>25.3</b>	<b>2.0</b>	<b>0.1</b>	<b>67.3</b>	<b>0.8</b>	<b>0.0</b>	<b>186.5</b>	<b>4.3</b>	<b>1.7</b>
3rd Party	26%	24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	51%	0%	0%	0%	0%	0%	0%	0%	0%	49%
Equipment Failure	74%	76%	48%	0%	0%	0%	65%	46%	90%	0%	0%	0%	100%	100%	49%	31%	1%	0%	0%	0%	0%	54%	37%	46%
Operation	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	51%	0%	0%	0%	0%	6%	23%	0%
Other	0%	0%	52%	0%	0%	0%	27%	28%	10%	0%	0%	0%	0%	0%	0%	22%	47%	100%	100%	100%	0%	39%	40%	5%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	8%	26%	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%
<b>EQUINOX(12KV) - Customers: 594</b>	<b>95.5</b>	<b>1.1</b>	<b>2.9</b>	<b>16.4</b>	<b>0.0</b>	<b>2.7</b>	<b>4.4</b>	<b>0.0</b>	<b>0.3</b>	<b>3.5</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>1.1</b>	<b>0.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>1.2</b>	<b>4.5</b>	<b>0.0</b>	<b>3.1</b>
3rd Party	98%	99%	13%	0%	0%	0%	56%	40%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	8%
Equipment Failure	2%	1%	35%	100%	100%	0%	44%	60%	0%	64%	50%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	73%	67%	37%
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%	52%	0%	0%	27%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	39%
Vegetation/Animal	0%	0%	0%	0%	0%	73%	0%	0%	0%	36%	50%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	27%	33%	16%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>ETHANAC(12KV) - Customers: 1,498</b>	<b>10.4</b>	<b>0.0</b>	<b>1.0</b>	<b>470.9</b>	<b>2.5</b>	<b>0.9</b>	<b>70.4</b>	<b>2.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>28.8</b>	<b>0.1</b>	<b>0.0</b>	<b>4.6</b>	<b>0.0</b>	<b>0.0</b>	<b>7.5</b>	<b>0.0</b>	<b>0.0</b>	<b>41.0</b>	<b>0.1</b>	<b>0.0</b>
3rd Party	0%	0%	0%	3%	37%	100%	78%	52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	18%	6%	0%
Equipment Failure	100%	100%	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	98%	86%	0%	100%	100%	0%	0%	0%	0%	80%	87%	0%
Operation	0%	0%	0%	6%	23%	0%	3%	1%	0%	0%	0%	0%	2%	14%	0%	0%	0%	0%	0%	0%	0%	1%	8%	0%
Other	0%	0%	100%	89%	38%	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%	20%	47%	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%
<b>FARMINGTON(12KV) - Customers: 474</b>	<b>220.5</b>	<b>2.0</b>	<b>0.0</b>	<b>518.8</b>	<b>6.0</b>	<b>1.0</b>	<b>98.8</b>	<b>1.2</b>	<b>2.0</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>7.0</b>	<b>1.0</b>	<b>1.0</b>	<b>7.7</b>	<b>1.0</b>	<b>1.0</b>
3rd Party	100%	100%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	6%	17%	0%	100%	100%	50%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%
Operation	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	46%	50%	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%	48%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	90%	100%	100%
<b>FLARE(12KV) - Customers: 1,140</b>	<b>12.5</b>	<b>0.2</b>	<b>0.0</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>17.3</b>	<b>0.1</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>18.3</b>	<b>0.1</b>	<b>0.0</b>
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	65%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	95%	87%	0%
Operation	35%	74%	0%	100%	100%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	5%	13%	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%
<b>FLATS(12KV) - Customers: 2,046</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>22.4</b>	<b>0.1</b>	<b>0.0</b>	<b>33.5</b>	<b>1.1</b>	<b>2.9</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>59.1</b>	<b>1.0</b>	<b>0.0</b>	<b>69.9</b>	<b>1.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>129.5</b>	<b>2.0</b>	<b>0.0</b>
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%	21%	9%	0%	7%	0%	0%	100%	100%	0%	98%	93%	0%	2%	0%	0%	46%	43%	0%	46%	47%	0%
Operation	0%	0%	0%	79%	91%	0%	52%	9%	0%	0%	0%	0%	2%	7%	0%	98%	100%	0%	54%	57%	0%	54%	53%	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%	42%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>GOETZ(12KV) - Customers: 1,551</b>	<b>101.3</b>	<b>0.9</b>	<b>0.0</b>	<b>126.9</b>	<b>0.5</b>	<b>0.0</b>	<b>3.1</b>	<b>0.1</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>76.9</b>	<b>0.2</b>	<b>0.0</b>	<b>13.9</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>90.8</b>	<b>0.3</b>	<b>0.0</b>
3rd Party	100%	100%	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%	93%	72%	0%	0%	0%	0%	0%	0%	0%	42%	42%	0%	90%	56%	0%	0%	0%	0%	49%	47%	0%
Operation	0%	0%	0%	7%	28%	0%	100%	100%	100%	0%	0%	0%	10%	15%	100%	10%	44%	0%	0%	0%	0%	10%	25%	100%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	42%	0%	0%	0%	0%	0%	0%	0%	41%	28%	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%
<b>HARNAGE(12KV) - Customers: 1,926</b>	<b>130.1</b>	<b>1.6</b>	<b>0.0</b>	<b>52.5</b>	<b>1.1</b>	<b>1.5</b>	<b>117.5</b>	<b>0.7</b>	<b>2.1</b>	<b>70.7</b>	<b>0.6</b>	<b>0.4</b>	<b>8.0</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>78.7</b>	<b>0.6</b>	<b>1.4</b>
3rd Party	83%	62%	0%	83%	93%	66%	41%	85%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	14%	5%	0%	1%	0%	0%	59%	15%	0%	55%	87%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	60%	88%	0%
Operation	0%	1%	0%	16%	6%	34%	0%	0%	74%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
Other	2%	32%	0%	0%	0%	0%	0%	0%	26%	44%	12%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	12%	30%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	70%
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%
<b>HELENKA(12KV) - Customers: 1,174</b>	<b>101.5</b>	<b>1.0</b>	<b>0.0</b>	<b>524.4</b>	<b>2.5</b>	<b>1.6</b>	<b>20.0</b>	<b>0.1</b>	<b>1.9</b>	<b>15.8</b>	<b>0.6</b>	<b>0.0</b>	<b>7.5</b>	<b>0.0</b>	<b>1.4</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>6.5</b>	<b>0.2</b>	<b>0.0</b>	<b>30.6</b>	<b>0.9</b>	<b>1.4</b>
3rd Party	0%	0%	0%	68%	20%	0%	57%	59%	32%	0%	0%	0%	0%	0%	45%	0%	0%	0%	12%	2%	0%	3%	0%	45%
Equipment Failure	89%	68%	0%	0%	0%	0%	43%	41%	68%	3%	0%	0%	0%	0%	0%	100%	100%	0%	21%	4%	0%	8%	1%	0%
Operation	11%	32%	0%	10%	40%	100%	0%	0%	0%	97%	100%	0%	100%	100%	0%	0%	0%	0%	67%	94%	0%	89%	98%	0%
Other	0%	0%	0%	22%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	55%	0%	0%	0%	0%	0%	0%	0%	0%	55%
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%
<b>JERRY(12KV) - Customers: 749</b>	<b>48.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>43.5</b>	<b>1.7</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>66.9</b>	<b>1.0</b>	<b>0.0</b>	<b>63.5</b>	<b>1.0</b>	<b>1.0</b>	<b>132.8</b>	<b>2.0</b>	<b>1.0</b>
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	76%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	24%	57%	0%	0%	0%	0%	23%	8%	0%	0%	0%	0%	89%	87%	0%	100%	100%	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%	100%	0%	0%	100%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	77%	92%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>LIVERMORE(12KV) - Customers: 1,855</b>	<b>61.2</b>	<b>0.9</b>	<b>0.0</b>	<b>12.0</b>	<b>0.1</b>	<b>1.0</b>	<b>46.1</b>	<b>1.1</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>44.2</b>	<b>1.0</b>	<b>0.0</b>	<b>64.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>108.9</b>	<b>2.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	41%	48%	0%
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%	69%	11%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	59%	52%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	100%	30%	88%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>LUSK(12KV) - Customers: 1,017</b>	<b>158.0</b>	<b>1.4</b>	<b>0.0</b>	<b>11.6</b>	<b>0.0</b>	<b>0.0</b>	<b>26.6</b>	<b>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.1</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>3.1</b>	<b>0.0</b>	<b>0.0</b>
3rd Party	71%	72%	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%	96%	89%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	29%	28%	0%	0%	0%	0%	4%	11%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%
<b>MAYER(33KV) - Customers: 1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>145.0</b>	<b>3.0</b>	<b>0.0</b>	<b>395.0</b>	<b>1.0</b>	<b>4.0</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>169.0</b>	<b>2.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.0</b>	<b>169.0</b>	<b>2.0</b>	<b>4.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	82%	50%	100%	0%	0%	0%	82%	50%	25%
Equipment Failure	0%	0%	0%	43%	33%	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%	50%	0%	0%	0%	18%	50%	0%	0%	0%	0%	18%	50%	25%
Other	0%	0%	0%	57%	67%	0%	100%	100%	50%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	0%	0%	25%	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%
<b>MCLAUGHLIN(12KV) - Customers: 831</b>	<b>98.1</b>	<b>1.6</b>	<b>0.0</b>	<b>8.0</b>	<b>0.1</b>	<b>5.0</b>	<b>3.1</b>	<b>0.0</b>	<b>0.6</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>
3rd Party	90%	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	6%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	4%	6%	0%	100%	100%	1%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	80%	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%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving Meniffee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>NOVA(12KV) - Customers: 1,279</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>140.6</b>	<b>1.4</b>	<b>0.0</b>	<b>29.1</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>54.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>54.5</b>	<b>0.0</b>	<b>0.0</b>
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%	18%	15%	0%	51%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	79%	81%	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%	49%	83%	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%
<b>OAKDALE(12KV) - Customers: 1,809</b>	<b>251.5</b>	<b>2.2</b>	<b>0.0</b>	<b>192.6</b>	<b>1.4</b>	<b>2.6</b>	<b>163.6</b>	<b>1.6</b>	<b>2.2</b>	<b>44.6</b>	<b>1.1</b>	<b>0.0</b>	<b>48.6</b>	<b>0.4</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>79.8</b>	<b>1.0</b>	<b>0.6</b>	<b>173.4</b>	<b>2.6</b>	<b>0.6</b>
3rd Party	45%	47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	98%	0%	0%	0%	0%	0%	0%	0%	27%	17%	0%
Equipment Failure	47%	49%	0%	12%	8%	61%	49%	67%	0%	0%	0%	0%	5%	2%	0%	100%	100%	0%	100%	100%	100%	48%	39%	100%
Operation	0%	0%	0%	4%	24%	2%	8%	8%	69%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	26%	44%	0%
Other	9%	4%	0%	36%	33%	11%	40%	6%	19%	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%	48%	35%	25%	3%	19%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>PIEDRA(12KV) - Customers: 1,802</b>	<b>163.1</b>	<b>2.2</b>	<b>1.0</b>	<b>73.1</b>	<b>0.3</b>	<b>0.0</b>	<b>13.5</b>	<b>0.1</b>	<b>4.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.1</b>	<b>0.1</b>	<b>0.0</b>	<b>1.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>1.0</b>	<b>10.9</b>	<b>0.1</b>	<b>1.0</b>
3rd Party	70%	46%	0%	0%	0%	0%	0%	3%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	99%
Equipment Failure	16%	46%	100%	100%	100%	0%	99%	93%	0%	0%	0%	0%	62%	43%	100%	0%	0%	0%	0%	0%	0%	52%	36%	1%
Operation	13%	8%	0%	0%	0%	0%	1%	3%	31%	0%	0%	0%	38%	57%	0%	100%	100%	0%	100%	100%	0%	48%	64%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	62%	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%
<b>PLASMA(12KV) - Customers: 1,529</b>	<b>14.0</b>	<b>0.0</b>	<b>0.2</b>	<b>86.1</b>	<b>1.0</b>	<b>0.0</b>	<b>33.1</b>	<b>0.1</b>	<b>0.0</b>	<b>1.9</b>	<b>0.0</b>	<b>0.0</b>	<b>22.5</b>	<b>0.1</b>	<b>0.0</b>	<b>27.6</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>52.0</b>	<b>0.3</b>	<b>0.0</b>
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%	99%	99%	0%	68%	54%	0%	0%	0%	0%	23%	19%	0%	0%	0%	0%	0%	0%	0%	10%	8%	0%
Operation	0%	0%	0%	1%	1%	0%	32%	46%	0%	100%	100%	0%	77%	81%	0%	100%	100%	0%	0%	0%	0%	90%	92%	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%

# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>PRESLEY(12KV) - Customers: 1,682</b>	<b>290.4</b>	<b>1.5</b>	<b>1.0</b>	<b>59.0</b>	<b>1.0</b>	<b>0.0</b>	<b>379.7</b>	<b>3.6</b>	<b>2.0</b>	<b>15.9</b>	<b>1.2</b>	<b>0.0</b>	<b>35.7</b>	<b>1.1</b>	<b>1.0</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>52.5</b>	<b>2.4</b>	<b>1.0</b>
3rd Party	22%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Equipment Failure	25%	17%	0%	100%	100%	0%	37%	55%	50%	0%	0%	0%	74%	10%	0%	0%	0%	0%	0%	0%	0%	50%	5%	0%
Operation	2%	5%	0%	0%	0%	0%	21%	17%	50%	100%	100%	0%	1%	0%	0%	0%	0%	0%	100%	100%	0%	33%	53%	0%
Other	50%	64%	0%	0%	0%	0%	42%	28%	0%	0%	0%	0%	25%	90%	0%	0%	0%	0%	0%	0%	0%	17%	43%	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%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>QUASAR(12KV) - Customers: 915</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>183.5</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.4</b>	<b>0.1</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>2.4</b>	<b>0.1</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Equipment Failure	0%	0%	0%	94%	94%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	0%	0%	0%	6%	6%	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%
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%
<b>RIDGEMOOR(12KV) - Customers: 1,981</b>	<b>119.1</b>	<b>1.1</b>	<b>0.0</b>	<b>85.7</b>	<b>1.5</b>	<b>2.3</b>	<b>3.0</b>	<b>0.0</b>	<b>1.0</b>	<b>54.8</b>	<b>1.0</b>	<b>1.0</b>	<b>23.6</b>	<b>0.0</b>	<b>0.0</b>	<b>15.1</b>	<b>0.0</b>	<b>0.0</b>	<b>20.1</b>	<b>1.1</b>	<b>2.0</b>	<b>113.6</b>	<b>2.2</b>	<b>3.0</b>
3rd Party	95%	93%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	48%	46%	34%
Equipment Failure	0%	0%	0%	8%	44%	43%	0%	0%	0%	0%	0%	0%	82%	53%	0%	100%	100%	0%	33%	2%	0%	36%	4%	0%
Operation	3%	5%	0%	21%	15%	0%	100%	100%	100%	0%	0%	0%	18%	48%	0%	0%	0%	0%	30%	93%	0%	9%	47%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	51%	0%	0%	34%
Vegetation/Animal	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	4%	49%	7%	2%	32%
Weather/Fire/Earthquake	0%	0%	0%	70%	41%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>SONOMA(12KV) - Customers: 1,800</b>	<b>8.3</b>	<b>0.2</b>	<b>0.3</b>	<b>74.2</b>	<b>1.5</b>	<b>0.0</b>	<b>87.7</b>	<b>2.3</b>	<b>0.3</b>	<b>22.4</b>	<b>0.2</b>	<b>0.4</b>	<b>18.7</b>	<b>1.0</b>	<b>0.0</b>	<b>28.9</b>	<b>0.3</b>	<b>0.3</b>	<b>2.6</b>	<b>0.0</b>	<b>0.2</b>	<b>72.6</b>	<b>1.5</b>	<b>0.9</b>
3rd Party	65%	94%	50%	20%	30%	0%	56%	12%	100%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	26%	66%	0%
Equipment Failure	7%	1%	50%	80%	69%	0%	27%	44%	0%	96%	90%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	12%	49%
Operation	28%	5%	0%	0%	0%	0%	0%	1%	0%	4%	10%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%	45%	22%	51%
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%	16%	43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weather/Fire/Earthquake	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

# Reliability Histories for Individual Circuits Serving Menifee

	2013			2014			2015			1st Qtr 2016			2nd Qtr 2016			3rd Qtr 2016			4th Qtr 2016			2016		
	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI	SAIDI	SAIFI	MAIFI
<b>SUNDANCE(12KV) - Customers: 1,332</b>	<b>5.7</b>	<b>0.1</b>	<b>0.0</b>	<b>115.6</b>	<b>2.0</b>	<b>0.7</b>	<b>6.2</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>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>63.9</b>	<b>1.0</b>	<b>0.0</b>	<b>63.9</b>	<b>1.0</b>	<b>0.0</b>
3rd Party	0%	0%	0%	0%	0%	0%	49%	17%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	97%	99%	0%	97%	99%	0%
Equipment Failure	4%	3%	0%	49%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	3%	1%	0%	3%	1%	0%
Operation	96%	97%	0%	3%	1%	100%	51%	83%	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%	48%	50%	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%
<b>SUNGLASSES(12KV) - Customers: 1,711</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>66.8</b>	<b>1.0</b>	<b>0.0</b>	<b>17.2</b>	<b>0.1</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>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>10.9</b>	<b>0.1</b>	<b>0.0</b>	<b>11.6</b>	<b>0.1</b>	<b>0.0</b>
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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	94%	65%	0%
Operation	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	6%	35%	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%
<b>TRUMBLE(12KV) - Customers: 573</b>	<b>0.7</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>136.9</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.1</b>	<b>0.1</b>	<b>0.0</b>	<b>12.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>27.1</b>	<b>1.1</b>	<b>0.0</b>
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%	90%	59%	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%	100%	100%	0%	100%	100%	0%	0%	0%	0%	100%	100%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vegetation/Animal	0%	0%	0%	0%	0%	0%	10%	41%	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%
<b>WARDELL(12KV) - Customers: 2,622</b>	<b>346.0</b>	<b>3.6</b>	<b>0.0</b>	<b>39.5</b>	<b>1.1</b>	<b>1.1</b>	<b>34.7</b>	<b>1.1</b>	<b>2.0</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>1.7</b>	<b>0.0</b>	<b>0.0</b>	<b>9.9</b>	<b>0.1</b>	<b>1.0</b>	<b>11.6</b>	<b>0.1</b>	<b>2.0</b>
3rd Party	33%	28%	0%	0%	0%	0%	38%	88%	49%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	50%
Equipment Failure	19%	20%	0%	63%	88%	91%	13%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Operation	4%	26%	0%	13%	4%	0%	50%	10%	51%	0%	0%	100%	0%	0%	0%	100%	100%	0%	10%	14%	0%	23%	30%	50%
Other	44%	26%	0%	23%	8%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	90%	86%	0%	77%	70%	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%