



Circuit Reliability Review

Downey

January 2017

Providing Safe, Reliable, and Affordable Power

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

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

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

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

Understanding Your Reliability Report

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

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

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

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

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

Reliability Metrics

MOMENTARY OUTAGES:

OUTAGES LASTING 5 MINUTES OR LESS

MAIFI:

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

SUSTAINED OUTAGES:

OUTAGES LASTING LONGER THAN 5 MINUTES

SAIFI:

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

SAIDI:

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

Cities in the Whittier District

Downey

Hacienda Heights

Norwalk

Santa Fe Springs

South Whittier

West Whittier-Los Nietos

Whittier

Reliability by SCE District (No Exclusions)

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

Exclusions are days which utilities are allowed to remove from their metrics because the outages on those days were caused by a severe acts of nature.

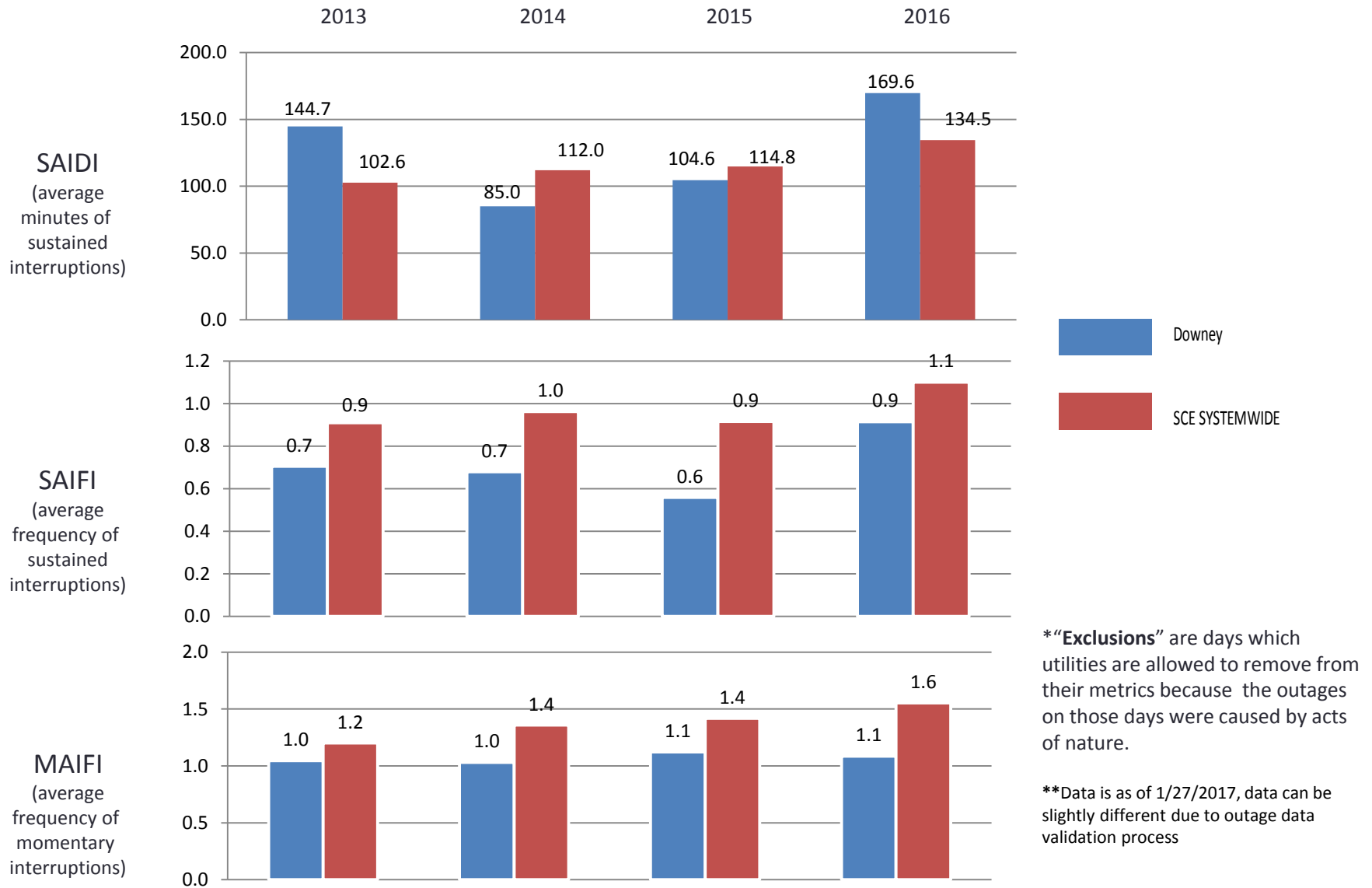
**In the columns showing "Rank," lower numbers indicate poorer performance.

Overview of Downey

There are 59 circuits that serve Downey

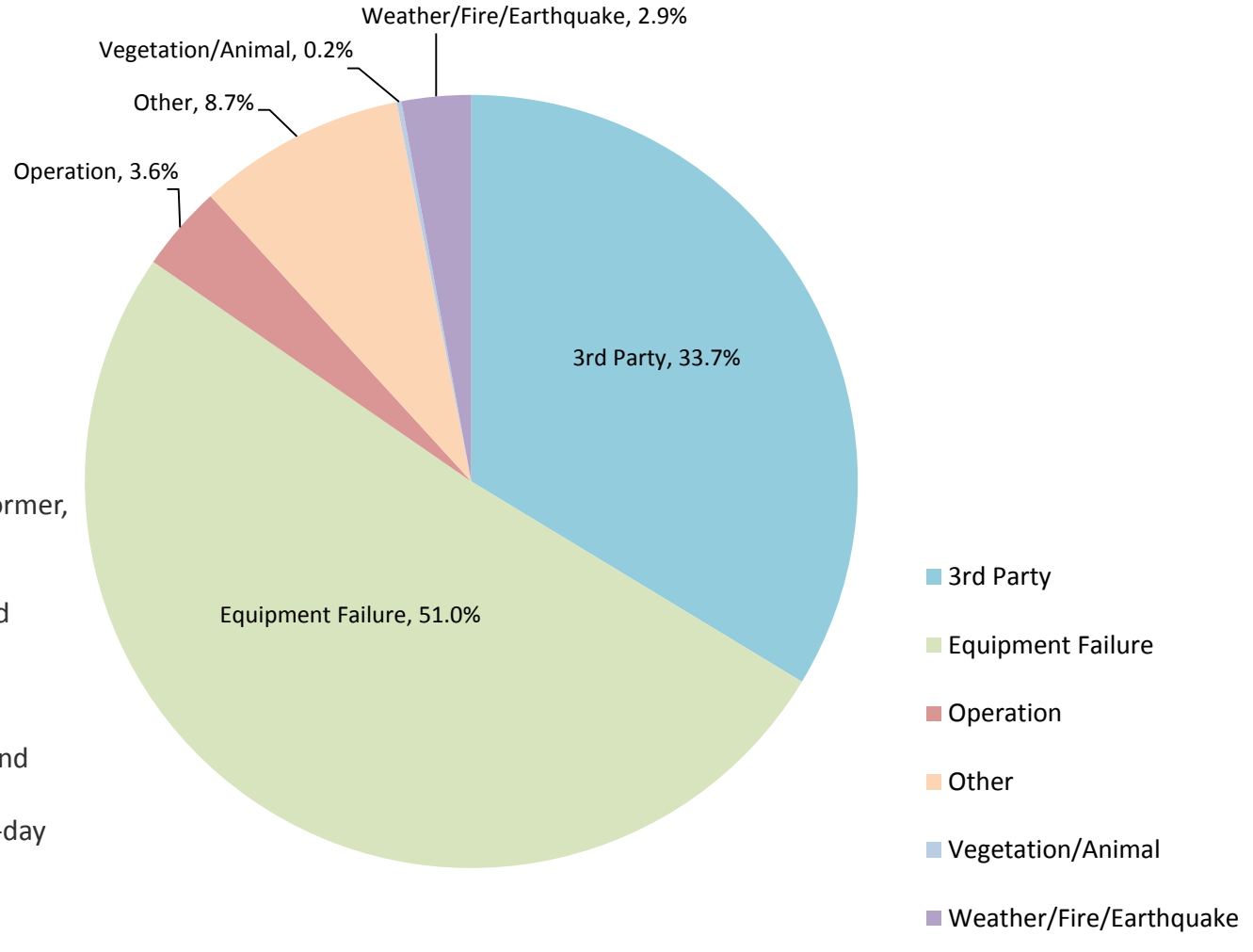
| Circuit Type | Sum of Customers | Circuit Type | Sum of Customers | Circuit Type | Sum of Customers | Circuit Type | Sum of Customers |
|--------------------|------------------|-------------------|------------------|--------------|------------------|--------------|------------------|
| ALAMEDA(12KV) | 2,589 | LAREDO(12KV) | 874 | | | | |
| ARNETT(12KV) | 1,007 | LUXOR(12KV) | 802 | | | | |
| AVON(4.16KV) | 627 | MAXINE(4.16KV) | 628 | | | | |
| BACON(4.16KV) | 911 | NASH(4.16KV) | 810 | | | | |
| BLAINE(12KV) | 988 | OTTO(4.16KV) | 775 | | | | |
| BLANKET(12KV) | 197 | PANGBORN(4.16KV) | 692 | | | | |
| BOXER(12KV) | 1,289 | PARAMOUNT(4.16KV) | 449 | | | | |
| BUFFALO(12KV) | 448 | PELLET(12KV) | 1,035 | | | | |
| CHURCH(12KV) | 1,591 | PERKINS(12KV) | 1,574 | | | | |
| CLIFFORD(12KV) | 2,525 | PRESIDENT(12KV) | 3,452 | | | | |
| CRUSADE(12KV) | 1,577 | QUEBEC(4.16KV) | 996 | | | | |
| DAELEY(4.16KV) | 248 | RED FLAG(12KV) | 695 | | | | |
| DECOSTA(12KV) | 2,497 | REX(4.16KV) | 981 | | | | |
| DECOY(12KV) | 1,295 | RIFLE(12KV) | 1,055 | | | | |
| DEUCE(12KV) | 1,549 | RIVES(4.16KV) | 590 | | | | |
| DONALD(12KV) | 150 | RODNEY(12KV) | 359 | | | | |
| DUNROBIN(4.16KV) | 983 | SHOTGUN(12KV) | 2,580 | | | | |
| EMORY(12KV) | 59 | STAMPER(12KV) | 981 | | | | |
| FLEMING(12KV) | 555 | STOAKES(12KV) | 230 | | | | |
| GARDENDALE(4.16KV) | 952 | TATTOO(12KV) | 909 | | | | |
| GASPAR(12KV) | 407 | TEN PIN(4.16KV) | 579 | | | | |
| GOTHAM(4.16KV) | 666 | TEXAS(12KV) | 763 | | | | |
| HARDHAT(12KV) | 316 | THEATER(16KV) | 2,661 | | | | |
| HATTER(12KV) | 1,261 | TREY(12KV) | 2,224 | | | | |
| HONDO(4.16KV) | 541 | TRUBLU(4.16KV) | 370 | | | | |
| JAMES(4.16KV) | 787 | UNITY(4.16KV) | 315 | | | | |
| JESSUP(4.16KV) | 781 | VULTAIR(12KV) | 866 | | | | |
| JIMMY(12KV) | 2,954 | WALTER(12KV) | 2,143 | | | | |
| KENNEY(4.16KV) | 819 | WILLIAM(12KV) | 1,978 | | | | |
| KORDELL(12KV) | 1,623 | | | | | | |
| Grand Total | 64,558 | | | | | | |

Reliability History of Circuits Serving Downey (No Exclusions)



Causes of Repair Outages in Downey Circuits 2016 YTD

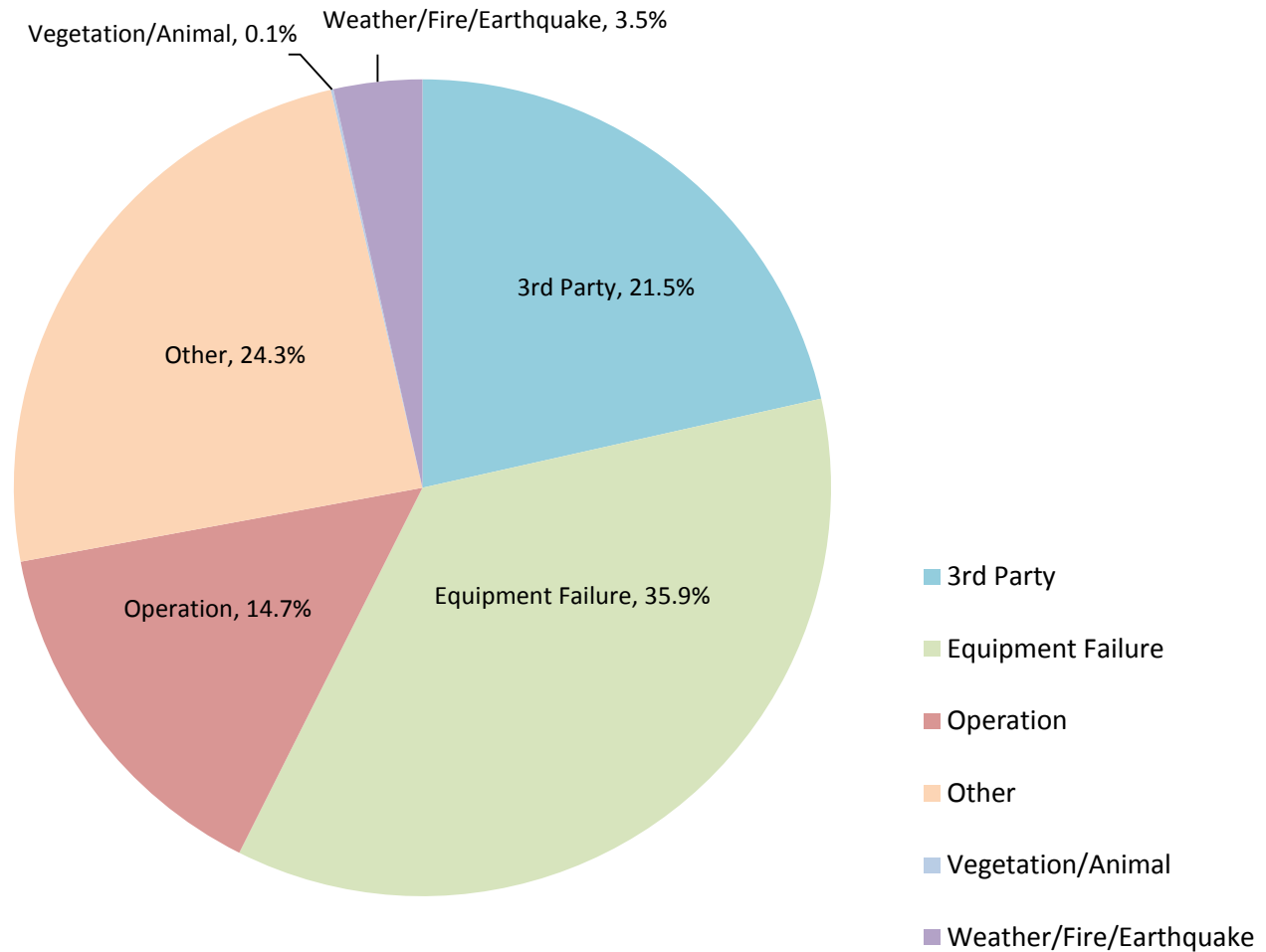
Contributions to SAIDI by Outage Cause



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

Causes of Repair Outages in Downey Circuits 2016 YTD

Contributions to SAIFI by Outage Cause



- **Equipment Failure**
e.g., in-service failure of transformer, switch, or conductors
- **Vegetation/Animal**
e.g., tree branch, rodent, or bird causing a short circuit between conductors
- **Other**
e.g., patrolled but no cause found
- **Operations**
e.g., urgent maintenance w/o 3-day notice
- **3rd Party**
e.g., balloon, car hit pole, dig-in

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



Back-up Slides

Reliability Histories of Circuits Serving Downey

Updated through Year-End 2016

Average Reliability of 59 Circuits Serving Downey

| | 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 |
| Downey | 144.7 | 0.7 | 1.0 | 85.0 | 0.7 | 1.0 | 104.6 | 0.6 | 1.1 | 55.0 | 0.3 | 0.3 | 85.8 | 0.4 | 0.5 | 16.1 | 0.1 | 0.3 | 12.8 | 0.1 | 0.1 | 169.6 | 0.9 | 1.1 |
| 3rd Party | 16% | 32% | 25% | 24% | 19% | 14% | 11% | 21% | 35% | 65% | 19% | 43% | 8% | 18% | 51% | 23% | 25% | 28% | 81% | 39% | 17% | 34% | 22% | 41% |
| Equipment Failure | 72% | 44% | 25% | 30% | 22% | 18% | 57% | 41% | 10% | 11% | 8% | 0% | 89% | 77% | 9% | 25% | 13% | 17% | 5% | 1% | 0% | 51% | 36% | 8% |
| Operation | 2% | 5% | 7% | 17% | 23% | 22% | 17% | 27% | 19% | 2% | 15% | 0% | 0% | 1% | 9% | 29% | 46% | 25% | 2% | 21% | 0% | 4% | 15% | 11% |
| Other | 2% | 7% | 28% | 10% | 12% | 34% | 14% | 11% | 29% | 19% | 53% | 20% | 2% | 5% | 30% | 5% | 5% | 31% | 13% | 40% | 46% | 9% | 24% | 28% |
| Vegetation/Animal | 0% | 0% | 11% | 13% | 16% | 8% | 0% | 0% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 0% | 37% | 0% | 0% | 2% |
| Weather/Fire/Earthquake | 8% | 12% | 4% | 6% | 8% | 4% | 1% | 0% | 4% | 3% | 5% | 37% | 0% | 0% | 0% | 18% | 11% | 0% | 0% | 0% | 0% | 3% | 4% | 10% |
| SCE Systemwide | 102.6 | 0.9 | 1.2 | 112.0 | 1.0 | 1.4 | 114.8 | 0.9 | 1.4 | 40.5 | 0.3 | 0.4 | 34.8 | 0.3 | 0.4 | 29.4 | 0.2 | 0.3 | 29.8 | 0.3 | 0.4 | 134.5 | 1.1 | 1.6 |

Notes:

No outages are excluded from the metrics.

Outage Causes:

Other: e.g., patrolled but no cause could be found

Operations: e.g., urgent maintenance w/o 3-day notice to customers

3rd Party: e.g., balloons, car hit pole, dig-in

Vegetation/Animal: e.g., tree branch, rodent, or bird causing short circuit across conductors

SAIDI (minutes) = the cumulative amount of time the average customer is interrupted by "sustained" (longer than 5 minutes) outages.

SAIFI (interruptions) = the number of times the average customer is interrupted by "sustained" outages.

MAIFI (interruptions) = the number of times the average customer is interrupted by "momentary" (lasting 5 minutes or less) outages.

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| ALAMEDA(12KV) - Customers: 2,589 | 42.0 | 0.4 | 3.7 | 1.0 | 0.0 | 2.0 | 38.5 | 0.0 | 0.0 | 126.3 | 0.3 | 0.8 | 27.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 34.7 | 1.0 | 0.0 | 188.0 | 1.4 | 0.8 |
| 3rd Party | 14% | 45% | 23% | 0% | 0% | 0% | 0% | 0% | 0% | 23% | 60% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 12% | 1% | 0% | 18% | 14% | 100% |
| Equipment Failure | 43% | 5% | 0% | 0% | 0% | 50% | 100% | 98% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 0% | 0% | 0% | 0% |
| Operation | 5% | 2% | 0% | 100% | 100% | 0% | 0% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 39% | 48% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 77% | 40% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 86% | 98% | 0% | 82% | 86% | 0% |
| Vegetation/Animal | 0% | 0% | 27% | 0% | 0% | 50% | 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% |
| ARNETT(12KV) - Customers: 1,007 | 0.0 | 0.0 | 1.0 | 63.2 | 0.6 | 4.4 | 83.6 | 0.4 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 6.9 | 1.0 | 0.0 | 6.9 | 1.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Equipment Failure | 0% | 0% | 0% | 7% | 2% | 23% | 57% | 71% | 61% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 43% | 29% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 100% | 82% | 96% | 54% | 0% | 0% | 39% | 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% | 11% | 2% | 23% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| AVON(4.16KV) - Customers: 627 | 136.8 | 3.0 | 1.0 | 116.6 | 2.5 | 1.0 | 90.5 | 0.2 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 0.0 | 0.0 |
| 3rd Party | 78% | 68% | 100% | 8% | 40% | 0% | 72% | 69% | 47% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 22% | 32% | 0% | 0% | 0% | 0% | 28% | 31% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 53% | 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% | 92% | 59% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| BACON(4.16KV) - Customers: 911 | 107.1 | 1.0 | 0.0 | 87.3 | 1.0 | 0.0 | 23.6 | 0.1 | 0.0 | 296.7 | 1.0 | 1.0 | 24.2 | 0.0 | 0.0 | 9.0 | 1.0 | 0.0 | 0.8 | 0.0 | 0.0 | 330.7 | 2.0 | 1.0 |
| 3rd Party | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 90% | 49% | 100% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 96% | 64% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 7% | 1% | 0% |
| Operation | 0% | 0% | 0% | 96% | 99% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 4% | 36% | 0% | 100% | 100% | 0% | 100% | 100% | 0% | 3% | 50% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 4% | 1% | 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 Downey

| | 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 |
| BLAINE(12KV) - Customers: 988 | 46.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 104.4 | 1.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 105.0 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 99% | 100% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 1% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| BLANKET(12KV) - Customers: 197 | 0.0 | 0.0 | 1.0 | 52.5 | 1.1 | 0.0 | 51.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 152.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.9 | 0.0 | 1.0 | 162.5 | 1.0 | 1.0 |
| 3rd Party | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 6% | 1% | 100% |
| Equipment Failure | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 94% | 99% | 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% |
| 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% |
| BOXER(12KV) - Customers: 1,289 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 158.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 0.0 | 1.0 | 161.5 | 1.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 98% | 99% | 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% |
| 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% | 100% | 100% | 100% | 2% | 1% | 100% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| BUFFALO(12KV) - Customers: 448 | 50.1 | 1.2 | 0.0 | 549.5 | 0.5 | 0.0 | 151.6 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 159.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 159.1 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 62% | 14% | 0% | 100% | 100% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 38% | 86% | 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 Downey

| | 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 |
| CHURCH(12KV) - Customers: 1,591 | 9.4 | 0.1 | 0.0 | 38.0 | 0.1 | 0.0 | 45.0 | 0.1 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 | 0.0 | 1.0 | 17.5 | 0.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 84% | 81% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 33% | 86% | 0% | 100% | 100% | 0% | 16% | 19% | 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% | 100% | 100% | 100% | 100% | 100% | 100% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 67% | 14% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| CLIFFORD(12KV) - Customers: 2,525 | 1600.7 | 2.2 | 4.3 | 34.9 | 0.1 | 1.0 | 52.9 | 0.7 | 3.4 | 11.9 | 1.0 | 0.0 | 7.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 257.8 | 1.0 | 0.0 | 277.6 | 2.0 | 0.0 |
| 3rd Party | 0% | 0% | 24% | 0% | 0% | 0% | 75% | 83% | 71% | 0% | 0% | 0% | 6% | 41% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 93% | 50% | 100% |
| Equipment Failure | 100% | 97% | 76% | 74% | 47% | 100% | 2% | 6% | 0% | 0% | 0% | 0% | 94% | 59% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 3% | 0% | 0% |
| Operation | 0% | 3% | 0% | 26% | 53% | 0% | 23% | 11% | 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% | 29% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 4% | 49% | 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% |
| CRUSADE(12KV) - Customers: 1,577 | 0.0 | 0.0 | 0.0 | 181.9 | 2.2 | 2.7 | 1.8 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 701.1 | 1.0 | 1.0 | 124.3 | 0.2 | 0.8 | 20.8 | 0.0 | 0.0 | 846.2 | 1.2 | 1.8 |
| 3rd Party | 0% | 0% | 0% | 2% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 100% | 0% | 0% | 0% | 15% | 17% | 100% |
| Equipment Failure | 0% | 0% | 0% | 75% | 46% | 26% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 99% | 98% | 0% | 85% | 83% | 0% |
| Operation | 0% | 0% | 0% | 23% | 52% | 36% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 3% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 38% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| DAELEY(4.16KV) - Customers: 248 | 0.0 | 0.0 | 1.9 | 147.8 | 2.0 | 2.0 | 128.2 | 1.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 7.1 | 1.0 | 0.0 | 7.1 | 1.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 25% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 100% | 100% | 100% | 50% | 0% | 0% | 75% | 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% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| DECOSTA(12KV) - Customers: 2,497 | 22.6 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 201.8 | 1.5 | 0.0 | 662.2 | 0.4 | 0.0 | 0.3 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 665.3 | 0.5 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 48% | 68% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 99% | 89% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 42% | 20% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 100% | 100% | 0% | 11% | 11% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 5% | 0% |
| Other | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 6% | 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% |
| DECOY(12KV) - Customers: 1,295 | 3.8 | 0.0 | 0.0 | 551.0 | 1.4 | 1.0 | 384.8 | 2.7 | 1.1 | 0.0 | 0.0 | 0.0 | 301.4 | 0.9 | 0.0 | 28.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 330.2 | 1.1 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 92% | 79% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 8% | 21% | 0% | 56% | 50% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 91% | 77% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 0% | 32% | 41% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 12% | 8% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 9% | 23% | 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% |
| DEUCE(12KV) - Customers: 1,549 | 27.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 7.9 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 58% | 95% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 9% | 6% | 0% | 0% | 0% | 0% | 42% | 5% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 91% | 94% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| DONALD(12KV) - Customers: 150 | 369.3 | 3.1 | 0.2 | 1.4 | 0.1 | 0.0 | 151.9 | 0.1 | 0.0 | 97.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 98.9 | 1.0 | 0.0 |
| 3rd Party | 80% | 37% | 86% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 18% | 32% | 14% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 2% | 32% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 98% | 99% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 2% | 1% | 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 Downey

| | 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 |
| DUNROBIN(4.16KV) - Customers: 983 | 34.6 | 1.0 | 2.0 | 265.3 | 1.0 | 2.0 | 321.0 | 1.0 | 6.0 | 0.0 | 0.0 | 0.0 | 68.9 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 68.9 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 17% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 50% | 0% | 0% | 17% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 100% | 100% | 50% | 100% | 100% | 50% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Vegetation/Animal | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 17% | 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% |
| EMORY(12KV) - Customers: 59 | 335.6 | 1.5 | 1.0 | 116.7 | 0.4 | 1.9 | 813.6 | 2.9 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 9% | 69% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 91% | 31% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| FLEMING(12KV) - Customers: 555 | 3.4 | 0.0 | 1.0 | 101.1 | 1.0 | 0.0 | 25.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 138.6 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 138.6 | 1.0 | 2.0 |
| 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 | 0% | 0% | 0% | 100% | 100% | 0% | 86% | 60% | 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% | 100% | 0% | 0% | 0% | 100% | 100% | 100% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 14% | 40% | 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% |
| GARDENDALE(4.16KV) - Customers: 952 | 108.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45.1 | 0.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.8 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 26.8 | 0.0 | 1.0 |
| 3rd Party | 100% | 100% | 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% | 0% | 0% | 0% | 98% | 89% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 2% | 11% | 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% |
| 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 Downey

| | 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 |
| GASPAR(12KV) - Customers: 407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.4 | 0.3 | 1.0 | 14.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 | 0.1 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 84% | 74% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 16% | 26% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| 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% |
| GOTHAM(4.16KV) - Customers: 666 | 0.0 | 0.0 | 0.0 | 26.1 | 0.1 | 2.0 | 0.2 | 0.0 | 1.0 | 125.8 | 1.0 | 0.0 | 188.8 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.7 | 0.0 | 0.0 | 320.3 | 2.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 100% | 100% | 1% | 0% | 0% | 0% | 100% | 100% | 0% | 100% | 100% | 1% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 99% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 99% |
| Other | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| HARDHAT(12KV) - Customers: 316 | 9.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 156.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 156.2 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 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% |
| 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% |
| HATTER(12KV) - Customers: 1,261 | 56.3 | 0.5 | 1.3 | 0.0 | 0.0 | 0.0 | 298.2 | 1.1 | 1.2 | 0.0 | 0.0 | 0.0 | 27.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 9% | 48% | 40% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 99% | 98% | 100% | 0% | 0% | 0% | 9% | 4% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 1% | 2% | 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% | 83% | 48% | 60% | 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 Downey

| | 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 |
| HONDO(4.16KV) - Customers: 541 | 108.1 | 1.0 | 0.0 | 3.0 | 0.1 | 0.0 | 22.2 | 0.1 | 0.0 | 12.2 | 0.1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.2 | 0.2 | 0.0 |
| 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% | 100% | 100% | 0% | 13% | 7% | 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% | 100% | 100% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 87% | 93% | 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% |
| JAMES(4.16KV) - Customers: 787 | 291.1 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 77.8 | 0.2 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3rd Party | 98% | 98% | 50% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 2% | 2% | 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% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| JESSUP(4.16KV) - Customers: 781 | 8.8 | 0.0 | 2.0 | 2.2 | 0.0 | 2.0 | 1140.7 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 220.4 | 1.1 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 220.4 | 1.1 | 1.9 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 53% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 53% |
| Equipment Failure | 100% | 100% | 50% | 0% | 0% | 0% | 79% | 67% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 100% | 100% | 0% | 21% | 33% | 100% | 0% | 0% | 0% | 0% | 0% | 47% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 47% |
| Other | 0% | 0% | 50% | 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% |
| JIMMY(12KV) - Customers: 2,954 | 128.2 | 1.0 | 0.2 | 108.9 | 0.9 | 2.2 | 35.3 | 0.1 | 0.0 | 31.9 | 1.0 | 0.0 | 11.4 | 0.2 | 1.0 | 73.1 | 0.8 | 1.2 | 0.0 | 0.0 | 0.0 | 116.4 | 2.0 | 2.2 |
| 3rd Party | 5% | 9% | 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% | 9% | 0% | 31% | 4% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 10% | 9% | 45% |
| Operation | 0% | 0% | 0% | 1% | 0% | 46% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 63% | 41% | 55% |
| Other | 0% | 0% | 0% | 0% | 0% | 46% | 99% | 99% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 27% | 50% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 69% | 95% | 8% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 75% | 82% | 100% | 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 Downey

| | 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 |
| KENNEY(4.16KV) - Customers: 819 | 0.0 | 0.0 | 0.0 | 68.9 | 0.1 | 2.0 | 433.9 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 193.2 | 1.0 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 193.2 | 1.0 | 1.8 |
| 3rd Party | 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 | 0% | 0% | 0% | 96% | 78% | 0% | 30% | 50% | 0% | 0% | 0% | 0% | 98% | 96% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 98% | 96% | 0% |
| Operation | 0% | 0% | 0% | 4% | 22% | 0% | 70% | 50% | 0% | 0% | 0% | 0% | 2% | 4% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 2% | 4% | 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% |
| 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% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| KORDELL(12KV) - Customers: 1,623 | 359.2 | 1.4 | 0.0 | 30.0 | 0.1 | 2.0 | 35.7 | 0.1 | 0.3 | 136.3 | 1.2 | 0.0 | 5.5 | 0.0 | 0.0 | 12.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 153.9 | 1.2 | 0.0 |
| 3rd Party | 51% | 70% | 0% | 0% | 0% | 0% | 34% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 47% | 23% | 0% | 22% | 8% | 50% | 24% | 8% | 0% | 70% | 14% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 70% | 15% | 0% |
| Operation | 3% | 7% | 0% | 78% | 92% | 0% | 10% | 9% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 30% | 86% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 26% | 84% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 31% | 33% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 4% | 1% | 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% |
| LAREDO(12KV) - Customers: 874 | 123.0 | 1.4 | 1.0 | 209.9 | 1.9 | 1.1 | 0.3 | 0.0 | 0.0 | 4.7 | 0.1 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.7 | 0.1 | 1.0 |
| 3rd Party | 92% | 82% | 100% | 41% | 48% | 6% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Equipment Failure | 8% | 18% | 0% | 59% | 52% | 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% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 94% | 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% |
| LUXOR(12KV) - Customers: 802 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 2.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 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% | 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% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| MAXINE(4.16KV) - Customers: 628 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 136.9 | 1.6 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.8 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 67% | 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% | 20% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 77% | 97% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 33% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 3% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| NASH(4.16KV) - Customers: 810 | 41.6 | 1.1 | 0.0 | 631.2 | 2.6 | 0.5 | 1182.1 | 3.9 | 1.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 | 0.0 | 4.5 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 58% | 79% | 0% | 3% | 26% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 0% | 0% | 0% | 0% | 94% | 71% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 42% | 21% | 100% | 1% | 3% | 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% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| OTTO(4.16KV) - Customers: 775 | 294.3 | 3.1 | 1.0 | 9.0 | 1.0 | 0.0 | 33.3 | 1.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 | 97% | 68% | 0% | 0% | 0% | 0% | 4% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 96% | 99% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 3% | 32% | 100% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| PANGBORN(4.16KV) - Customers: 692 | 134.2 | 1.2 | 1.6 | 287.3 | 1.5 | 1.0 | 3.5 | 0.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 42% | 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% | 1% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 58% | 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% | 99% | 100% | 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 Downey

| | 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 |
| PARAMOUNT(4.16KV) - Customers: 449 | 200.1 | 2.0 | 1.0 | 5.8 | 0.1 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 1.0 | 0.0 |
| 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 | 15% | 50% | 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% |
| Other | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 85% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| PELLET(12KV) - Customers: 1,035 | 0.0 | 0.0 | 0.0 | 45.9 | 0.9 | 0.0 | 55.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 226.8 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 226.8 | 2.0 | 2.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 50% |
| Equipment Failure | 0% | 0% | 0% | 100% | 100% | 0% | 91% | 99% | 0% | 0% | 0% | 0% | 99% | 98% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 99% | 98% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 9% | 1% | 0% | 0% | 0% | 0% | 1% | 2% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 1% | 2% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 50% | 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% |
| PERKINS(12KV) - Customers: 1,574 | 37.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 15.3 | 0.0 | 2.0 | 0.0 | 0.0 | 2.0 | 187.3 | 1.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 187.3 | 1.5 | 3.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 58% | 66% | 100% | 0% | 0% | 100% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 42% | 34% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| PRESIDENT(12KV) - Customers: 3,452 | 37.2 | 0.0 | 3.0 | 250.0 | 3.4 | 2.2 | 18.1 | 0.0 | 3.0 | 0.0 | 0.0 | 2.0 | 0.1 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 4.0 |
| 3rd Party | 0% | 0% | 33% | 0% | 0% | 0% | 0% | 0% | 34% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 50% |
| Equipment Failure | 100% | 100% | 0% | 4% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 33% | 43% | 40% | 100% | 49% | 52% | 66% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 26% | 30% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 33% | 28% | 29% | 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% | 51% | 48% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 50% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| QUEBEC(4.16KV) - Customers: 996 | 111.4 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.3 | 1.3 | 3.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 104.3 | 1.3 | 5.0 |
| 3rd Party | 97% | 98% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 4% | 3% | 33% | 0% | 0% | 50% | 0% | 0% | 0% | 4% | 3% | 40% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 96% | 97% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 96% | 97% | 0% |
| Operation | 3% | 2% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 67% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 60% |
| 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% |
| RED FLAG(12KV) - Customers: 695 | 35.8 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 159.7 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 159.7 | 1.0 | 0.0 |
| 3rd Party | 95% | 99% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 5% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 94% | 96% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 94% | 96% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 6% | 5% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 6% | 5% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| REX(4.16KV) - Customers: 981 | 359.6 | 2.7 | 2.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 1.0 |
| 3rd Party | 30% | 38% | 0% | 0% | 0% | 0% | 65% | 76% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 100% |
| Equipment Failure | 70% | 62% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 35% | 24% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| 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% |
| RIFLE(12KV) - Customers: 1,055 | 9.6 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 2.2 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 160.2 | 1.0 | 0.0 | 190.6 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 350.8 | 2.0 | 1.0 |
| 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 | 44% | 55% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 6% | 3% | 0% | 0% | 0% | 0% | 49% | 51% | 0% |
| Operation | 56% | 45% | 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% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 100% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 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% | 94% | 97% | 0% | 0% | 0% | 0% | 51% | 49% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| RIVES(4.16KV) - Customers: 590 | 333.6 | 3.8 | 1.0 | 1.1 | 0.0 | 1.0 | 14.5 | 0.1 | 1.0 | 5.9 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 1.0 | 0.0 |
| 3rd Party | 31% | 27% | 100% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 28% | 47% | 0% | 0% | 0% | 0% | 95% | 51% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 5% | 49% | 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% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| Weather/Fire/Earthquake | 41% | 26% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| RODNEY(12KV) - Customers: 359 | 33.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| SHOTGUN(12KV) - Customers: 2,580 | 47.9 | 0.7 | 1.0 | 82.3 | 0.2 | 0.0 | 64.7 | 0.1 | 0.0 | 11.3 | 1.0 | 0.0 | 357.2 | 1.0 | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 368.7 | 2.0 | 1.0 |
| 3rd Party | 93% | 99% | 100% | 0% | 0% | 0% | 52% | 46% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 7% | 1% | 0% | 81% | 71% | 0% | 47% | 43% | 0% | 2% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 97% | 52% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 11% | 0% | 96% | 100% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 3% | 48% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 19% | 29% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| STAMPER(12KV) - Customers: 981 | 2.3 | 0.1 | 1.1 | 75.2 | 1.0 | 0.0 | 258.6 | 3.0 | 1.0 | 125.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 125.6 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 32% | 33% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 100% | 100% | 100% | 0% | 34% | 34% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 33% | 33% | 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% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| STOAKES(12KV) - Customers: 230 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 | 0.0 | 4.2 | 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% |
| 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% |
| 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% |
| TATTOO(12KV) - Customers: 909 | 0.1 | 0.0 | 0.0 | 12.6 | 0.0 | 2.0 | 224.4 | 1.7 | 0.2 | 0.0 | 0.0 | 0.0 | 216.5 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 216.5 | 1.3 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 100% | 100% | 0% | 97% | 100% | 100% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 0% | 3% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 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% |
| TEN PIN(4.16KV) - Customers: 579 | 6.6 | 0.0 | 3.0 | 78.0 | 2.0 | 3.0 | 52.3 | 1.0 | 4.0 | 0.0 | 0.0 | 0.0 | 19.3 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.3 | 0.0 | 1.0 |
| 3rd Party | 0% | 0% | 67% | 0% | 0% | 0% | 0% | 0% | 25% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% |
| Equipment Failure | 100% | 100% | 0% | 0% | 0% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 100% | 100% | 67% | 99% | 100% | 25% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 33% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 33% | 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% | 25% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| TEXAS(12KV) - Customers: 763 | 15.5 | 0.1 | 0.0 | 7.4 | 0.0 | 1.0 | 170.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 723.9 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 723.9 | 1.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 100% | 100% | 0% | 53% | 56% | 100% | 69% | 88% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% |
| Operation | 0% | 0% | 0% | 47% | 44% | 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% | 13% | 9% | 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% | 18% | 3% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| THEATER(16KV) - Customers: 2,661 | 3.3 | 0.4 | 3.5 | 83.9 | 1.0 | 3.0 | 26.7 | 0.0 | 1.0 | 130.4 | 0.5 | 0.6 | 2.3 | 0.0 | 1.0 | 64.8 | 0.4 | 2.2 | 0.0 | 0.0 | 0.0 | 197.5 | 0.9 | 3.7 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 88% | 85% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 58% | 46% | 16% |
| Equipment Failure | 11% | 0% | 28% | 100% | 100% | 0% | 100% | 100% | 0% | 12% | 15% | 0% | 100% | 100% | 0% | 100% | 100% | 54% | 0% | 0% | 0% | 42% | 54% | 31% |
| 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 | 89% | 100% | 72% | 0% | 0% | 67% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 46% | 0% | 0% | 0% | 0% | 0% | 53% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 33% | 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% |
| TREY(12KV) - Customers: 2,224 | 165.3 | 1.2 | 1.0 | 182.1 | 2.0 | 1.0 | 5.5 | 0.0 | 0.0 | 30.5 | 0.1 | 0.0 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33.2 | 0.1 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 57% | 50% | 0% | 0% | 0% | 0% | 29% | 51% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 26% | 44% | 0% |
| Equipment Failure | 0% | 0% | 0% | 1% | 0% | 100% | 95% | 66% | 0% | 71% | 49% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 66% | 43% | 0% |
| Operation | 1% | 0% | 0% | 0% | 0% | 0% | 5% | 34% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 8% | 14% | 0% |
| Other | 21% | 15% | 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 | 78% | 85% | 100% | 42% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| TRUBLU(4.16KV) - Customers: 370 | 0.0 | 0.0 | 1.0 | 4.5 | 0.0 | 2.0 | 142.8 | 1.0 | 1.0 | 131.5 | 1.0 | 0.0 | 292.3 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.6 | 0.0 | 1.0 | 432.4 | 3.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 2% | 1% | 100% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 21% | 4% | 100% | 100% | 100% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 98% | 99% | 0% |
| Operation | 0% | 0% | 0% | 100% | 100% | 0% | 79% | 96% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 100% | 0% | 0% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 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% |
| UNITY(4.16KV) - Customers: 315 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 465.7 | 5.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 52% | 9% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Operation | 100% | 100% | 0% | 0% | 0% | 0% | 34% | 77% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 13% | 15% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

Reliability Histories for Individual Circuits Serving Downey

| | 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 |
| VULTAIR(12KV) - Customers: 866 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 144.3 | 0.6 | 0.0 | 4.8 | 0.0 | 0.0 | 94.9 | 1.0 | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.6 | 1.1 | 0.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 10% | 53% | 0% | 0% | 0% | 0% | 78% | 99% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 71% | 94% | 0% |
| Equipment Failure | 0% | 0% | 0% | 0% | 0% | 0% | 72% | 23% | 0% | 0% | 0% | 0% | 22% | 1% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 25% | 2% | 0% |
| Operation | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 5% | 3% | 0% |
| Other | 0% | 0% | 100% | 0% | 0% | 0% | 18% | 24% | 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% |
| WALTER(12KV) - Customers: 2,143 | 35.6 | 0.1 | 0.4 | 69.9 | 0.1 | 1.0 | 40.5 | 0.1 | 3.0 | 98.8 | 1.0 | 0.0 | 18.3 | 0.0 | 0.0 | 11.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 129.0 | 1.1 | 0.0 |
| 3rd Party | 12% | 41% | 0% | 0% | 0% | 0% | 27% | 31% | 66% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Equipment Failure | 84% | 41% | 0% | 83% | 34% | 0% | 73% | 69% | 34% | 0% | 0% | 0% | 93% | 50% | 0% | 100% | 100% | 0% | 0% | 0% | 0% | 22% | 3% | 0% |
| Operation | 5% | 17% | 100% | 12% | 53% | 0% | 0% | 0% | 0% | 5% | 4% | 0% | 7% | 50% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 5% | 6% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 95% | 96% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 73% | 91% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 5% | 13% | 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% |
| WILLIAM(12KV) - Customers: 1,978 | 635.7 | 2.3 | 1.0 | 15.3 | 0.2 | 0.0 | 62.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.3 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 19.3 | 1.0 | 1.0 |
| 3rd Party | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 100% | 100% | 0% | 0% | 0% | 100% | 100% | 100% |
| Equipment Failure | 100% | 100% | 100% | 100% | 100% | 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% | 100% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Other | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Vegetation/Animal | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Weather/Fire/Earthquake | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |