## **POWER OUTAGE REPORTER**





## **OVERVIEW**

Power disruptions can occur anywhere, for a variety of reasons.

Listed here are some of the recent disruptions.

Remember, though most of the publicly reported events tend to happen outside of an organization's facility, there are many unreported problems happening every day inside a building.

Vertiv designs, builds and services critical infrastructure that enables vital applications for data centers, communication networks and commercial and industrial facilities. Vertiv supports critical IT computing from the core to the network edge with a portfolio of power, thermal and infrastructure management solutions including the Chloride®, Liebert®, NetSure™ and *Trellis™* brands.

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Want to know more about the cost of downtime? Read this paper from the Ponemon Institute



| DATE                   | AREA                             | IMPACT                    | REASON                               |
|------------------------|----------------------------------|---------------------------|--------------------------------------|
| 6/1/2018               | Jackson, FL                      | 1,739                     | Weather — storms                     |
| 6/1/2018               | Louisville, KY                   | 34,000                    | Weather — storms                     |
| 6/1/2018               | Hal City, GA                     | 5,000                     | Weather — storms                     |
| 6/1/2018               | Anderson City, SC                | 7,231                     | Unknown                              |
| 6/2/2018               | Kansas City, MO                  | 80,000                    | Weather — storms                     |
| 6/2/2018               | Palo Alto, CA                    | 4,381                     | Mylar balloons                       |
| 6/2/2018               | Agoura Hills, CA                 | City-wide                 | Planned                              |
| 6/2/2018               | Transylvania City, NC            | 5,400                     | Planned                              |
| 6/2/2018               | Hannibal, MO                     | 86                        | Unknown                              |
| 6/2/2018               | Philadelphia, PA                 | 250                       | Construction mishap                  |
| 6/3/2018               | Forrest City, AR                 | 6,000                     | Weather — storms                     |
| 6/3/2018               | Maui, HI                         | 100s                      | Not reported                         |
| 6/3/2018               | Genesee City, MI                 | 2.000                     | Tree on line                         |
| 6/4/2018               | Austin, TX                       | 10,000                    | Weather — storms                     |
| 6/4/2018               | Round Rock, TX                   | 23,000                    | Weather — storms                     |
| 6/4/2018               | Youngstown, OH                   | 82                        | Weather — storms                     |
| 6/4/2018               | Huntington Beach, CA             | 3,300                     | Vehicle accident                     |
| 6/4/2018               | Vestal, NY                       | 200                       | Transformer failure                  |
| 6/5/2018               | Baton Rouge, LA                  | 2,300                     | Weather — storms                     |
| 6/5/2018               | Caledonia, MI                    | 1,000                     | Weather — storms                     |
| 6/5/2018               | Lihue, HI                        | 500                       | Generator trip                       |
| 6/5/2018               | Farmington, MO                   | 3,500                     | Substation failure                   |
| 6/6/2018               | Bryon, MI                        | 1,500                     | Equipment failures                   |
| 6/6/2018               | Seattle, WA                      | 200                       | Vault fire                           |
| 6/7/2018               | Independence, AR                 | 14,000                    | Substation failure                   |
| 6/8/2018               | Sierra, CA                       | 500                       | Animal                               |
| 6/8/2018               | Janesville, WI                   | 1,650                     | Animal — squirrel                    |
| 6/8/2018               | Sweetwater, WY                   | 4,122                     | Unknown                              |
| 6/9/2018               | Omaha, NE                        | 6,300                     | Weather — storm                      |
| 6/9/2018               | Hot Springs, AR                  | 7,000                     | Weather — storm                      |
| 6/9/2018               | Reading, PA                      | 1,300                     | Tree on line                         |
| 6/9/2018               | Lincoln, NE                      | 1,500                     | Weather — storm                      |
| 6/10/2018              | Nashville, TN                    | 6,000                     | Utility pole failure                 |
| 6/11/2018              | Chapel Hill, NC                  | 1,000                     | Weather — storm                      |
| 6/11/2018              | Central Point, OR                | 3,025                     | Vehicle accident                     |
| 6/12/2018              | Warwick, RI                      | 2,400                     | Vehicle accident                     |
|                        | Las Vegas, NV                    | ,                         | Transmission line failure            |
| 6/13/2018<br>6/13/2018 | Laredo, TX                       | 2,000+ airport<br>5,300   | Substation overload                  |
| 6/13/2018              | Skidway Isle, GA                 | 1,000                     | Utility cable fault                  |
| 6/13/2018              | El Segundo, CA                   | 71                        | Planned                              |
|                        | San Diego, CA                    |                           |                                      |
| 6/14/2018<br>6/14/2018 | Fairfield, CT                    | 1,000<br>1,300            | Not reported Animal — squirrel       |
|                        |                                  |                           | ·                                    |
| 6/14/2018              | Riverside, CA Pearl Harbor, HI   | 5,572                     | Weather — temp                       |
| 6/14/2018<br>6/14/2018 | Torrance, CA                     | 3,000<br>950              | Animal — rat<br>Unknown              |
|                        | Myrtle Beach, SC                 |                           | Weather — lightning                  |
| 6/14/2018              |                                  | 6,600                     | Weather — lightning Weather — storms |
| 6/15/2018              | Duluth, MN                       | 4,000                     |                                      |
| 6/15/2018              | Baton Rouge, LA                  | 100                       | Equipment failure                    |
| 6/15/2018              | Lyon City, NV                    | 2,000                     | Equipment failure                    |
| 6/16/2018              | Southwest, OH Creet Fello, MT    | 2,500                     | Weather — storms                     |
| 6/16/2018              | Great Falls, MT Wilkes-Barre, PA | 100<br>University library | Transformer failure Planned          |
| 6/16/2018              |                                  |                           |                                      |



| DATE      | AREA   | IMPACT            | REASON                              |
|-----------|--|-------------------|-------------------------------------|
| 6/17/2018 | Central, WI                                  | 8,000             | Weather — storms                    |
|           | Grandby, MA                                  | 100               |                                     |
| 6/17/2018 | •  |                   | Equipment failure                   |
| 6/18/2018 | Manitowoc City, WI                           | 1,400             | Weather — storms                    |
| 6/18/2018 | Methuen, MA                                  | 20,000            | Weather — storms                    |
| 6/18/2018 | Lincoln, NH                                  | 85,000            | Weather — tornado                   |
| 6/18/2018 | Chicago, IL                                  | Cubs game         | Not reported                        |
| 6/18/2018 | Longview, TX                                 | 1,800             | Substation failure                  |
| 6/18/2018 | Union City, NC                               | 200               | Trees on line                       |
| 6/19/2018 | Anoka, MN                                    | 500               | Construction mishap                 |
| 6/19/2018 | Kerriville, TX                               | 827               | Equipment failure                   |
| 6/19/2018 | Grants Pass, OR                              | 64,000            | Construction mishap                 |
| 6/19/2018 | Detroit, MI                                  | 2 school closings | Not reported                        |
| 6/19/2018 | Rockville, MD                                | 2,000             | Weather — storms                    |
| 6/19/2018 | St. Paul, MN                                 | Metro trains      | Not reported                        |
| 6/19/2018 | Springfield, IL                              | 6,000             | Weather — storms                    |
| 6/20/2018 | Lawrence City, AR                            | 3,200             | Animal — snake                      |
| 6/20/2018 | Feyette City, KY                             | 1,026             | Weather — wind                      |
| 6/20/2018 | Ft. Atkinson, WI                             | 5,600             | Equipment failure                   |
| 6/21/2018 | Sanibel Isle, FL                             | 2,500             | Unknown                             |
| 6/21/2018 | Washington City, OR                          | 10,553            | Weather — storms                    |
| 6/21/2018 | Beaverton, OR                                | 7,500             | Weather — storms                    |
| 6/21/2018 | Hilo, HI                                     | 11.700            | Tree on line                        |
| 6/21/2018 | Jefferson City, AL                           | 15,000            | Weather — storms                    |
| 6/22/2018 | Savannah, GA                                 | 1,000             | Equipment failure                   |
| 6/22/2018 | Center City, PA                              | 100               | Electrical mishap                   |
| 6/22/2018 | Mariposa City, CA                            | 3,228             | Unknown                             |
| 6/22/2018 | Iredell City, NC                             | 3,000             | Unknown                             |
| 6/22/2018 | Columbus, GA                                 | 5,540             | Weather — storms                    |
|           |  |                   | Weather — storms                    |
| 6/24/2018 | Oklahoma City, OK                            | 5,000             |                                     |
| 6/24/2018 | Virginia Beach, VA                           | 10,000            | Weather — storms                    |
| 6/24/2018 | Warwick, RI                                  | 421               | Not reported                        |
| 6/26/2018 | Helena, MT                                   | 800               | Unknown                             |
| 6/26/2018 | Kansas City, MO                              | 5,000             | Weather — tornado                   |
| 6/26/2018 | Charlotte, NC                                | 1,100             | Unknown                             |
| 6/26/2018 | Colorado Springs, CO                         | 4,000             | Vehicle accident                    |
| 6/27/2018 | Montville, CT                                | 3,000             | Utility trans line down             |
| 6/27/2018 | Nashville, TN                                | 4,500             | Weather — storms                    |
| 6/28/2018 | Central, IL                                  | 70,000            | Weather — storms                    |
| 6/28/2018 | Montgomery, AL                               | 36,000            | Weather — storms                    |
| 6/28/2018 | Raleigh, NC                                  | 500               | Unknown                             |
| 6/28/2018 | Youngstown, OH                               | 100               | Not reported                        |
| 6/28/2018 | Las Vegas, NV                                | 3,300             | Equipment failure                   |
| 6/28/2018 | Cheshire, CT                                 | 3,000             | Tree on line                        |
| 6/28/2018 | Stamford, CT                                 | 4,100             | Weather — storms                    |
| 6/29/2018 | Raleigh, NC                                  | 1,850             | Equipment failure                   |
| 6/29/2018 | Bridgeport, CT                               | 9,000             | Substation failure                  |
| 6/29/2018 | St. Louis, MO                                | 100,000           | Weather — storms                    |
|           | _  |                   |                                     |
|           | Sharp City, AR                               | 450               | Weather — wind                      |
| 6/30/2018 | Sharp City, AR Mooresville, NC               | 450<br>2.602      | Weather — wind Equipment failure    |
|           | Sharp City, AR Mooresville, NC Escondido, CA | 2,602<br>700      | Equipment failure  Vehicle accident |

## **Full Protection from Damaging Power Problems.**

















**Power Protection from Edge to the Core** 



Liebert® GXT4™ UPS 500 - 10,000VA



Liebert EXM™ UPS 10 - 250kVA



**Liebert ITA2™ UPS** 8 - 10kVA Three Phase

2

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<sup>\*</sup> List may not be exhaustive. Impact is measured in the number of households/businesses affected, unless otherwise noted.