POWER OUTAGE REPORTER

October 2017

VERTIV™

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. Formerly Emerson Network Power, Vertiv supports today's growing mobile and cloud computing markets with a portfolio of power, thermal and infrastructure management solutions including the ASCO®, Chloride®, Liebert®, NetSure™ and *Trellis*™ brands.

Contact us at VertivCo.com

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

Ponemon INSTITUTE

Cost of Data Center Outages
January 2016
Data Center Performance Benchmark Series

Sponsored by Vertiv™
Independently conducted by Ponemon Institute LLC
Publication Date: January 2016

Ponemon Institute Research Report
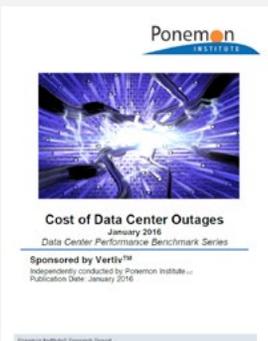
DATE	AREA	IMPACT	REASON
10/2/2017	New Orleans, LA	2,800	Auto accident
10/2/2017	Summit Cty, CO	46,500	Weather-snow
10/4/2017	Weber Cty, UT	4,000	Weather-wind
10/6/2017	Jolliet, IL	Local	Auto accident
10/8/2017	Mississippi Coast	32,000	Hurricane Nate
10/8/2017	Elgin, OR	1,700	Equipment failure
10/8/2017	MS and AL	100,000	Hurricane Nate
10/9/2017	Wilkes-Barre, PA	Shopping mall	Wind blows shed onto line
10/9/2017	Jetmore, KS	City wide	Weather-wind
10/9/2017	Washington DC/MD	4,300	Tree falls on line
10/9/2017	Knox Cty, TN	515	Hurricane Nate
10/10/2017	Auburn, AL	670	Tree falls on line
10/10/2017	Blacksburg, VA	6,000	Transformer failure
10/10/2017	Kirksville, MO	2,800	Equipment failure
10/10/2017	Joseph Cty, MI	2,500	Downed line
10/10/2017	Aroostook Cty, ME	24,000	Tree falls on line
10/10/2017	Springfield, KS	Local	Auto accident
10/10/2017	Alton, IL	1,000	Weather
10/11/2017	Portland, OR	1,941	Downed line
10/11/2017	Pendelton Cty, WV	9,000	Helicopter hits line
10/12/2017	Livingston, MT	1,700	Fire on pole
10/14/2017	Greely, CO	1,700	Wind downs lines
10/14/2017	Columbus, OH	1,500	Animal on line
10/14/2017	Boulder Cty, CO	2,500	Weather-wind
10/16/2017	Washington City, UT	Local	Truck hits pole
10/16/2017	Baltimore Cty, MD	School closed	Not reported
10/16/2017	Kalamazoo, MI	1,100	Weather
10/16/2017	Wimberly, TX	5,000	Buzzard on line
10/16/2017	Edwardsville, IL	800	Auto accident
10/16/2017	Richmond, VA	5,000	Equipment failure
10/17/2017	Williamson Cty, TN	2,197	Construction accident
10/18/2017	Bridgewater, ME	Part of county	Wind causes truck to hit pole
10/18/2017	Medford, OR	2,775	Birds hit lines
10/18/2017	Braceville, OH	500	Truck hits pole
10/19/2017	Grand Island, NE	800	Squirrel
10/20/2017	Idaho Falls, ID	3,000	Tree falls on line
10/20/2017	Reno, NV	2,100	Not reported
10/21/2017	Colorado Springs, CO	Local	Fire
10/21/2017	Nampa, ID	1,900	Transformer failure
10/21/2017	Portland, OR	8,000	Weather-wind
10/21/2017	Prescott, AZ	1,900	Tree falls on line
10/21/2017	Butte, MT	547	Weather-wind
10/23/2017	Pittsylvania, VA	5,000	Downed line
10/23/2017	Garland Cty, AR	2,400	Weather
10/23/2017	Flint, MI	UM Campus	Equipment failure

10/23/2017	Prescott, AZ	598	Not reported
10/23/2017	Tyler, TX	200+	Weather
10/24/2017	NC, SC	10000+	Weather
10/24/2017	Ann Arbor, MI	1,150	Unknown
10/24/2017	South Jersey	23,742	Weather-wind
10/24/2017	Arlington, MA	430	Weather
10/24/2017	Maui, HI	66,500	Weather-wind
10/24/2017	Volusia, FL	2000+	Power line failures
10/24/2017	Duluth, MN	350	Weather
10/24/2017	Philadelphia, PA	16,000	Weather
10/24/2017	Rome, NY	9,500	Power line failures
10/24/2017	Greenfield, MA	800	Weather
10/24/2017	Chelmsford, MA	2,000	Weather-wind
10/24/2017	Sidney, NY	364	Squirrel
10/24/2017	Roanoke, VA	13,000	Weather
10/24/2017	Wyalusing, PA	District wide	Weather
10/25/2017	Crookston, MN	Football game	Not reported
10/25/2017	Pacific Palisades, CA	1,500	Downed line
10/25/2017	Julian, CA	1,000	Unknown
10/25/2017	Portland, ME	10,000	Weather
10/26/2017	Norfolk, NE	108	Tree falls on line
10/26/2017	Sioux City, IA	300	Weather-wind
10/26/2017	Brentwood, CA	30	Truck accident
10/27/2017	Tigard, OR	2,400	Wind disrupts line
10/30/2017	New England	1,500,000	Weather - wind
10/30/2017	Washington DC	30,000	Weather - wind
10/30/2017	Charlotte, NC	5,000	Weather-snow
10/30/2017	Rolling Praire, MI	2,000	Transmission line
10/30/2017	Carroll Cty, VA	3,300	Weather - wind
10/31/2017	Orange Cty, CA	3,200	Auto accident + Equipment failure

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

Total Power Protection from Desktop to Data Center

Liebert® GXT4™ UPS
500 - 10,000VA

Liebert EXM™ UPS
10 - 250kVA

Liebert EXL™ S1 UPS
1000 - 1200kVA/kW