

POWER OUTAGE REPORTER

May 2018



OVERVIEW

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

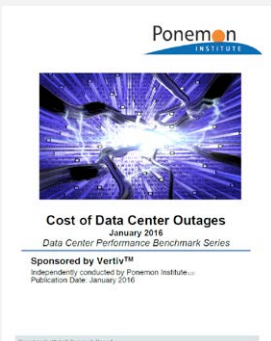
Listed here are some of the recent disruptions.

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
5/1/2018	Powell, OH	Library	Not reported
5/1/2018	Las Vegas, NV	450	Equipment damage
5/1/2018	Columbia, SC	4,000	Fallen tree
5/1/2018	Paxton, IL	3,000	Substation failure
5/1/2018	Fairfax, VA	George Mason Univ.	Transformer fire
5/1/2018	Madison City, KY	1,500	Planned
5/1/2018	Pueblo, CO	150	Vehicle accident
5/1/2018	Bend, OR	11,000	Hawk on line
5/1/2018	Fresno, CA	1,000	Unknown
5/1/2018	Columbia, MO	100	Animal — Squirrel
5/2/2018	Chicago, IL	7,800	Weather — storm
5/2/2018	Fort Worth, TX	Areawide	Train derailment
5/2/2018	Sioux City, IA	5,000	Weather — storm
5/2/2018	Abilene, TX	4,000	Weather — storm
5/2/2018	Southeast WI	3,100	Weather — storm
5/2/2018	South Bend, IN	6,000	Weather — storm
5/2/2018	Kansas City, Mo.	10,000	Weather — tornado
5/2/2018	San Diego, CA	1,500	Unknown
5/3/2018	Coldwater, MI	Countywide	Weather — storm
5/3/2018	San Diego, CA	7,000	Not reported
5/3/2018	San Diego, CA	1,140	Animal — bird
5/3/2018	Cheektowaga, NY	5,400	Weather — storm
5/3/2018	Fort Worth, TX	Areawide	Weather — wind
5/3/2018	Tulsa, OK	1,500	Vehicle accident
5/4/2018	Detroit, MI	335,000	Weather — wind
5/4/2018	Staten Island, NY	2,000	Equipment failure
5/4/2018	Mason City WA	11,500	Weather — wind
5/4/2018	Detroit, MI	260,000	Weather — wind
5/4/2018	Green Bay, WI	100	Vehicle accident
5/4/2018	Western NY	40,000	Weather — wind
5/4/2018	Hilo, HI	14,400	Earthquake
5/4/2018	Gilbertsville, KY	1,500	Planned
5/4/2018	Austin, TX	3,000	Weather — storm
5/4/2018	Youngstown, OH	8,959	Weather — storm
5/4/2018	Rochester, NY	5,000	Weather — wind
5/4/2018	Univ. of Oregon	Campuswide	Downed line
5/5/2018	Sanpete City UT	Countywide	Planned
5/5/2018	New Hampshire	26,594	Weather — wind
5/6/2018	Martinez, CA	771	Foreign object on equipment
5/6/2018	Billings, MT	400	Weather — storm
5/7/2018	Baton Rouge, LA	3,000	Equipment failure
5/7/2018	Lakewood, NJ	13,000	Substation failure
5/7/2018	Big Spring, TX	4,514	Fire
5/8/2018	Mecklenburg City, NC	2,100	Trees on line
5/8/2018	Redding, CA	248	Animal — Goose
5/8/2018	Punaluu, HI	300	Vehicle accident
5/9/2018	Ionia City MI	5,800	Weather — storm
5/9/2018	Nashville, TN	3,000	Animal — Opossum

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DATE	AREA	IMPACT	REASON
5/9/2018	Milwaukee, WI	19,000	Transformer fire
5/9/2018	Texas City, TX	Areawide	Substation fire
5/9/2018	Mid-Michigan	600	Weather — storm
5/10/2018	Truman, MN	Entire city	Planned
5/10/2018	Freehold, NJ	Wellness center closed	Not reported
5/10/2018	Butler City, OH	3,500	Not reported
5/10/2018	Great Falls, MT	3,650	Unknown
5/11/2018	San Luis Obispo, CA	3,000	Unknown
5/11/2018	Thornapple, MI	1,400	Utility pole failure
5/11/2018	Ft. Lauderdale, FL	Hospital closed	Transfer switch failure
5/11/2018	Kissimmee, FL	800	Animal — tree frog
5/11/2018	Berkeley City, SC	Areawide	Substation failure
5/12/2018	Tampa Bay, FL	Busch Gardens	Animal — squirrel
5/13/2018	Truman, MN	Citywide	Planned
5/13/2018	Midland, TX	694	Not reported
5/13/2018	Jackson, MO	15	Vehicle accident
5/13/2018	Longmeadow, MA	273	Utility wires down
5/13/2018	Little Rock, AR	840	Utility pole failure
5/13/2018	Morgans Corner, NC	Dixieland Speedway	Not reported
5/13/2018	Raleigh, NC	6,700	Substation failure
5/14/2018	Lexington, KY	911 center	Equipment failure
5/14/2018	North Haven, CT	Traffic problems	Animal
5/15/2018	Lynwood, CA	10	Planned
5/15/2018	Elgin, MN	Citywide	Planned
5/15/2018	Petoskey, MI	Part of city	Animal — squirrel
5/15/2018	PA, NY, NJ, CT	500,000	Weather — storms
5/16/2018	Clay City, AR	260	Weather — storms
5/16/2018	Wellsville, OH	692	Fallen tree
5/17/2018	Fresno, CA	70,000	Vehicle accident
5/17/2018	Jackson, NC	986	Weather — storms
5/17/2018	Durham, NC	4,000	Unknown
5/17/2018	Tallahassee, FL	200	Not reported
5/18/2018	Queens, NY	NYT 200k papers	Not reported
5/18/2018	New Orleans, LA	4,000	Weather — storms
5/19/2018	West Shore, MI	College closed	Planned
5/19/2018	Memphis, TN	3,000	Weather — storms
5/19/2018	Lee City, MS	2,000+	Weather — lightning
5/19/2018	Albuquerque, NM	5,000	Animal — squirrel
5/19/2018	Piney River, VA	817	Downed line
5/20/2018	Nashville, TN	7,000	Weather — storms
5/20/2018	Seattle, WA	149	Equipment failure
5/20/2018	Seattle, WA	5,000	Utility vault fire
5/20/2018	Waco, TX	1,200	Not reported
5/21/2018	Palm Springs, CA	500	Not reported
5/21/2018	Oahu, HI	1,800	Unknown
5/21/2018	Logan City, OH	373	Weather — Lightning
5/21/2018	Lake Worth, FL	7,880	Not reported, Not zombies
5/21/2018	Marysville, MI	450	Equipment failure

Power Protection from Edge to the Core



Liebert® GXT4™ UPS 500 - 10,000VA



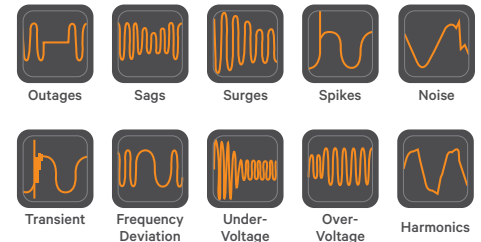
Liebert EXM™ UPS 10 - 250kVA



Liebert ITA2™ UPS 8 - 10kVA Three Phase

DATE	AREA	IMPACT	REASON
5/21/2018	Lanai, HI	768	Damaged utility line
5/21/2018	Taylors, SC	1,500	Fallen tree
5/21/2018	Houston, TX	School closed	Weather — storms
5/21/2018	Albuquerque, NM	1,749	Fallen tree
5/21/2018	Pittsfield, MA	750	Tree mishap
5/21/2018	Adrian, MI	1,080	Substation failure
5/21/2018	Victorville, CA	2,490	Vehicle accident
5/22/2018	Cookeville, TN	Local	Unknown
5/22/2018	Rochelle, NY	100	Planned
5/23/2018	Sedgwick, AR	60	Vehicle accident
5/23/2018	Lexington, KY	3,098	Animal — squirrel
5/23/2018	Presque Isle, ME	1,525	Weather — storms
5/23/2018	Murfreesboro, TN	3,000	Equipment failure
5/23/2018	Montgomery, AL	60	Fallen tree
5/24/2018	Seattle, WA	SeaTac flights	Unknown
5/24/2018	Billings, MT	4,700	Animal — raccoon
5/24/2018	Columbus, MS	Areawide	Fallen trees
5/24/2018	West Hollywood, CA	511	Transformer failure
5/24/2018	Queens, NY	LaGuardia flights	Construction mishap
5/24/2018	Greensboro, NC	300	Vehicle accident
5/25/2018	Erie, PA	12,600	Transformer failure
5/25/2018	Queens, NY	500	Utility line short
5/25/2018	Sioux Falls, SC	1,000	Equipment failure
5/25/2018	Akron, OH	350	Animal — squirrel
5/25/2018	Columbia, MO	625	Water main break
5/26/2018	Houston, TX	50,000	Transmission line failure
5/26/2018	Sullivan's Island, SC	Areawide	Vehicle accident
5/26/2018	South Bay, CA	1,795	Not reported
5/27/2018	Toledo, OH	4,818	Not reported
5/28/2018	Charlotte, NC	1,500	Trees on line
5/28/2018	Cedar Point, OH	Amusement park	Vehicle accident
5/28/2018	Waterbury, CT	Shopping center	Equipment failure
5/28/2018	Putnam, CT	7,000	Fallen trees
5/29/2018	Starkville, MS	MSU campus	Planned
5/29/2018	North Lima, OH	12	Vehicle accident
5/29/2018	Champion, OH	744	Equipment failure
5/29/2018	Montgomery, AL	3,500	Weather — hurricane
5/29/2018	Greensboro, NC	3,000	Equipment failure
5/29/2018	Des Moines, IA	8,500	Weather — wind
5/29/2018	Punaluu, HI	Districtwide	Lava flow
5/30/2018	Golden, CO	School of Mines	Planned
5/30/2018	Berkeley Springs, WV	Local	Vehicle accident
5/30/2018	Olmsted Falls, OH	School closed	Transformer failure
5/30/2018	Chesterfield City, KY	1,344	Vehicle accident
5/30/2018	Bristol, WI	Part of city	Fallen tree
5/30/2018	Concord, CA	830	Vehicle accident
5/31/2018	Virginia Beach, VA	530	Vehicle accident

Full Protection from Damaging Power Problems



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