POWER OUTAGE REPORTER

December 2017



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
12/1/2017	Wendell, ID	61	Auto accident
12/4/2017	Lincoln, NE	Dorms closed	High winds
12/4/2017	Providence, RI	Zoo closed	Construction mishap
12/4/2017	Omaha, NE	4,500	High winds
12/4/2017	Newark, NJ	Garth Brooks concert	Unknown
12/7/2017	Bakersfield, CA	1,078	Unknown
12/8/2017	Jackson, MS	60,700	Snow
12/8/2017	New Orleans, LA	100,000	Snow
12/8/2017	Pine Belt, MS	24,000	Snow
12/10/2017	Richmond, VA	13,000	Snow
12/10/2017	Danville, VA	1,500	Snow
12/11/2017	Virginia Beach, VA	6,200	Equipment failure
12/12/2017	Essex, VT	24+	Auto accident
12/12/2017	Martinsville, VA	5,000	Snow
12/13/2017	Pine Bluffs, AR	Lights display closed	Unknown
12/13/2017	Woburn, MA	2,231	Arcing of wires
12/15/2017	New Orleans, LA	33,000	Snow
12/16/2017	Honolulu, HI	510 + mall	Unknown
12/17/2017	Atlanta, GA	ATL shutdown	Underground fire
12/17/2017	Butte, MT	8,000	Bird
12/18/2017	Hannibal, MO	District wide	Planned
12/18/2017	Hay Springs, NE	District wide	Planned
12/18/2017	Fort Wayne, IN	3,587	Equipment failure
12/19/2017	Ponoma, CA	888	Equipment failure
12/19/2017	FT Lauderdale, FL	FLL airport	Planned
12/19/2017	Ruidoso, NM	4,000	Gas explosion
12/20/2017	Tulsa, OK	2,600	Downed lines
12/20/2017	Dickinson, TX	1,500	Auto accident
12/21/2017	Hollywood, CA	4,787	High winds
12/21/2017	Palm Desert, CA	1,025	High winds
12/22/2017	Columbus, OH	1,700	Equipment failure
12/22/2017	Slaton, TX	4,770	Equipment failure
12/23/2017	Keene, NH	10,000	Weather
12/23/2017	Central MA	11,000	Weather
12/23/2017	Warwick, RI	Airport closed	Unknown
12/23/2017	Washington DC	1,000	High winds
12/23/2017	Boston, MA	20,000	Weather
12/23/2017	Western MA	Widespread	Weather
12/24/2017	San Angelo, TX	Localized	Transformer fire
12/24/2017	Watchung, NJ	Localized	Downed lines
12/24/2017	Andover, NH	400	Weather
12/24/2017	Nashua, NH	14,000	Weather
12/24/2017	Grayson, KY	922	Weather
12/25/2017	York, PA	400	High winds



12/25/2017	Pittsburgh, PA	3,000	Weather
12/25/2017	Clearfield, PA	<100	Snowplow accident
12/25/2017	Centerport, NY	500	High winds
12/25/2017	LaFayette, AL	City-wide	Squirrel
12/25/2017	Northhampton, MA	600	Weather
12/25/2017	Kent, MI	1,417	Weather
12/25/2017	Putnam Cty NY	12,000	High winds
12/25/2017	Washington DC	9,000	Weather
12/25/2017	Oklahoma City, OK	part of city	Unknown
12/26/2017	Utah Cty, UT	3,071	Unknown
12/26/2017	Cleveland, OH	40,000	Substation failure
12/26/2017	Denver, CO	670	Downed lines
12/26/2017	Central ME	10,000	Weather
12/26/2017	St George, UT	Area-wide	Equipment failure
12/26/2017	Des Moines, IA	1,400	Downed lines
12/26/2017	Fountain Valley, CA	850	Unknown
12/26/2017	Buffalo, NY	600	Equipment failure
12/27/2017	Disneyland CA	Attractions closed	Equipment failure
12/27/2017	Joliet, IL	Localized	Transformer
12/28/2017	Elgin, TX	2,000	Trees
12/28/2017	Albuquerque, NM	part of city	Transformer
12/28/2017	Chester, NJ	Localized	Downed lines
12/28/2017	Nahant, MA	1,000	Auto accident
12/28/2017	Shaker Heights, OH	40	Unknown
12/28/2017	Staten Island, NY	372	Unknown
12/28/2017	Beverly, MA	650	Underground fire
12/28/2017	Waco, TX	10,000	Substation fire

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

Full Protection from Damaging Power Problems.



Transient

Deviation















Voltage



Voltage



Harmonics

Power Protection from Edge to the Core



Liebert® GXT4™ UPS 500 - 10,000VA



Liebert EXM™ UPS 10 - 250kVA



Liebert EXL™ S1 UPS 625 - 1200kVA/kW

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