

### OE-417 Electric Emergency and Disturbance Report - Calendar Year 2022

Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
January	01/01/2022	12:36 PM	01/01/2022	2:12 PM	Washington: Thurston County;	WECC	Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.	System Operations	0	0
January	01/01/2022	12:36 PM	01/02/2022	7:43 PM	Washington: Thurston County;	WECC	Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.	System Operations	0	0
January	01/01/2022	1:01 AM	Unknown	Unknown	Georgia: Clayton County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
January	01/01/2022	12:06 AM	01/01/2022	5:51 AM	New Hampshire: Merrimack County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	2	845
January	01/02/2022	1:21 PM	01/02/2022	5:38 PM	California: Tuolumne County;	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	Severe Weather	3	1706
January	01/03/2022	12:45 PM	01/03/2022	12:46 PM	Washington: Thurston County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
January	01/03/2022	5:00 AM	01/04/2022	6:00 PM	South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	60424
January	01/03/2022	5:30 AM	01/04/2022	12:30 PM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	142000
January	01/03/2022	1:00 AM	01/03/2022	2:00 PM	Georgia: Alabama: Mississippi:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	283	40885
January	01/05/2022	12:32 PM	01/05/2022	12:45 PM	Massachusetts: Plymouth County;	NPCC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
January	01/08/2022	2:20 AM	01/12/2022	7:40 AM	Florida: Citrus County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
January	01/08/2022	6:07 PM	01/08/2022	10:26 PM	New Hampshire: Merrimack County;	NPCC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Suspicious Activity	0	0

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January	01/08/2022	2:56 AM	01/08/2022	3:03 AM	Texas: Cameron County, Willacy County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
January	01/09/2022	6:08 PM	Unknown	Unknown	Mississippi: Adams County;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	Unknown	Unknown
January	01/12/2022	9:20 AM	01/12/2022	10:25 AM	Indiana: Kentucky: Ohio:	SERC/R F	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	Unknown	Unknown
January	01/13/2022	4:00 PM	01/13/2022	4:01 PM	Massachusetts: Hampden County[13];	NPCC	Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.	Suspicious Activity	0	0
January	01/14/2022	1:50 PM	01/14/2022	2:13 PM	Pennsylvania: Bucks County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	0	0
January	01/14/2022	8:34 AM	01/14/2022	8:42 AM	Texas: Potter County; New Mexico:	TRE/WE CC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
January	01/15/2022	2:09 PM	01/15/2022	2:28 PM	New York: Orange County;	NPCC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
January	01/16/2022	12:05 PM	01/17/2022	8:45 AM	North Carolina: Jackson County; South Carolina: Greenville County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	51289
January	01/16/2022	1:15 PM	01/16/2022	5:15 PM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	74638
January	01/16/2022	5:15 AM	01/17/2022	12:06 AM	Georgia: Alabama:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	436	61113

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January	01/18/2022	10:22 PM	01/18/2022	10:23 PM	Texas: Harris County;	TRE	Cyber Security Incident that was an attempt to compromise a High or Medium Impact Bulk Electric System Cyber System or their associated Electronic Access Control or Monitoring Systems	Cyber Event	0	0
January	01/19/2022	2:35 PM	01/19/2022	4:02 PM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
January	01/20/2022	7:57 PM	01/21/2022	5:30 AM	Mississippi: Arkansas: Louisiana: Texas:	TRE/SE RC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	Severe Weather	0	0
January	01/20/2022	9:00 AM	01/20/2022	9:59 AM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
January	01/23/2022	12:37 AM	01/23/2022	12:42 AM	Pennsylvania: Westmoreland County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
January	01/24/2022	10:27 AM	01/24/2022	10:51 AM	Washington: Chelan County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
January	01/24/2022	11:50 AM	01/24/2022	4:00 PM	New York: Dutchess County, Greene County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Sabotage	0	0
January	01/26/2022	1:37 PM	01/26/2022	2:15 PM	Florida: Leon County;	SERC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
January	01/27/2022	11:30 AM	01/27/2022	11:31 AM	Nevada: Clark County;	WECC	Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.	Vandalism	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
January	01/28/2022	3:41 PM	01/28/2022	9:30 PM	Colorado: Douglas County, Pueblo County, El Paso County, Prowers County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
January	01/29/2022	8:45 AM	01/30/2022	1:00 AM	Connecticut: Massachusetts: New Hampshire: Rhode Island: Vermont: Maine:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	120	12000
January	01/30/2022	8:41 PM	01/31/2022	12:42 AM	Nebraska:	MRO	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
January	01/31/2022	7:58 PM	01/31/2022	8:10 PM	West Virginia: Monongalia County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
February	02/01/2022	12:13 PM	02/01/2022	12:25 PM	California: Yuba County;	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	10	8124
February	02/03/2022	10:00 AM	02/07/2022	8:00 PM	Tennessee: Shelby County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	255000
February	02/03/2022	12:56 PM	02/04/2022	8:30 PM	Ohio:	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	51000
February	02/03/2022	12:56 PM	Unknown	Unknown	Ohio:	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	51000
February	02/04/2022	6:21 PM	02/04/2022	10:00 PM	Texas:	TRE	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	Transmission Interruption	Unknown	Unknown
February	02/04/2022	1:10 PM	Unknown	Unknown	New York: Ulster County;	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	67404
February	02/09/2022	7:00 AM	02/09/2022	9:00 AM	New York: Orange County;	NPCC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0

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February	02/12/2022	4:29 PM	02/12/2022	4:30 PM	California: Alameda County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	Unknown	Unknown
February	02/17/2022	10:30 AM	02/17/2022	10:31 AM	Rhode Island: Providence County[13];	NPCC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
February	02/17/2022	12:09 AM	02/17/2022	7:36 AM	Louisiana: Lafayette Parish;	SERC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	80	0
February	02/18/2022	7:10 AM	02/18/2022	4:25 PM	Connecticut: Maine: Massachusetts: New Hampshire: Vermont: Rhode Island:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	7	7047
February	02/22/2022	11:10 AM	02/22/2022	12:15 PM	Texas: Llano County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
February	02/24/2022	10:25 AM	02/24/2022	10:31 AM	Texas: Montgomery County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	3	1405
February	02/24/2022	1:09 AM	02/24/2022	2:59 AM	California: San Bernardino County, Kern County, Solano County, San Diego County;	WECC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	246	0
February	02/25/2022	9:31 AM	02/25/2022	1:09 PM	Texas: Travis County; California: San Diego County;	TRE	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
February	02/26/2022	11:15 AM	02/26/2022	5:00 PM	Washington: Grant County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Actual Physical Attack	0	0
February	02/28/2022	9:25 AM	02/28/2022	9:26 AM	Texas: Mitchell County;	TRE	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0

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March	03/01/2022	1:43 PM	03/01/2022	1:47 PM	Indiana: Marion County, Shelby County, Hendricks County;	RF	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
March	03/02/2022	9:26 AM	03/02/2022	10:05 AM	North Carolina: South Carolina:	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
March	03/05/2022	10:58 PM	03/06/2022	7:38 PM	Illinois: DuPage County;	SERC/R F	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
March	03/06/2022	2:30 AM	03/06/2022	5:00 PM	Texas: Cameron County;	TRE	Cyber event that could potentially impact electric power system adequacy or reliability	Cyber Event	0	0
March	03/08/2022	1:50 PM	03/08/2022	2:39 PM	Georgia: Terrell County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	48	5855
March	03/10/2022	8:51 AM	03/10/2022	3:15 PM	Nebraska: Scotts Bluff County;	MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
March	03/11/2022	6:35 AM	03/11/2022	7:00 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
March	03/12/2022	8:33 AM	Unknown	Unknown	Alabama: Georgia: Mississippi: Florida:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	139	19380
March	03/13/2022	10:15 PM	03/13/2022	10:38 PM	Minnesota: Hennepin County;	MRO	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
March	03/14/2022	9:30 AM	03/14/2022	10:45 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	0	0

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March	03/14/2022	3:45 PM	Unknown	Unknown	New Jersey:	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	Unknown	Unknown
March	03/15/2022	6:53 PM	03/15/2022	8:33 PM	California: Lake County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	10	3958
March	03/15/2022	11:11 AM	03/15/2022	11:47 AM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
March	03/16/2022	11:28 AM	03/16/2022	11:29 AM	California: Sacramento County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
March	03/17/2022	12:59 PM	44641	4:38 PM	North Carolina: Durham County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	0	0
March	03/18/2022	4:32 PM	Unknown	Unknown	Florida: Palm Beach County;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	78	20423
March	03/20/2022	5:52 PM	03/20/2022	10:20 PM	Minnesota: St. Louis County;	MRO	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0

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March	03/21/2022	7:00 PM	03/24/2022	12:00 AM	Texas: Anderson County, Bell County, Bosque County, Comanche County, Coryell County, Falls County, Freestone County, Hamilton County, Henderson County, Hill County, Lampasas County, Leon County, Limestone County, McLennan County, Milam County, Mills County, Robertson County, Collin County, Cooke County, Dallas County, Denton County, Ellis County, Erath County, Fannin County, Grayson County, Hood County, Hunt County, Johnson County, Kaufman County, Navarro County, Parker County, Rains County, Rockwall County, Somervell County, Tarrant County, Van Zandt County, Wise County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	170000
March	03/22/2022	9:04 PM	03/22/2022	9:08 PM	Maryland: Prince George's County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
March	03/22/2022	12:06 AM	03/22/2022	4:29 AM	South Dakota:	MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
March	03/25/2022	8:46 PM	03/25/2022	10:48 PM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
March	03/29/2022	11:45 AM	Unknown	Unknown	California: Imperial County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
March	03/29/2022	4:34 PM	03/30/2022	3:25 PM	Vermont: Chittenden County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
March	03/30/2022	3:45 PM	Unknown	Unknown	Louisiana: Mississippi: Arkansas:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	66448



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March	03/31/2022	8:59 AM	04/01/2022	7:30 PM	Michigan: Huron County, Tuscola County, St. Clair County, Washtenaw County, Macomb County, Wayne County, Monroe County, Oakland County, Livingston County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	60	70000
March	03/31/2022	10:43 PM	Unknown	Unknown	Montana: Toole County; Florida: Palm Beach County;	WECC/SERC	Cyber event that could potentially impact electric power system adequacy or reliability	Cyber Event	0	0
March	03/31/2022	12:04 AM	03/31/2022	9:20 AM	Georgia: Alabama: Mississippi: Florida:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	157	22000
April	04/05/2022	4:40 AM	04/05/2022	5:21 PM	Missouri: Jackson County;	SERC/RF	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	73	16299
April	04/10/2022	3:41 PM	04/10/2022	3:50 PM	Arkansas: Pulaski County;	SERC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	5	Unknown
April	04/10/2022	3:41 PM	04/10/2022	3:50 PM	Arkansas: Pulaski County;	SERC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	5	Unknown
April	04/11/2022	9:15 AM	04/13/2022	8:00 AM	Oregon: Multnomah County, Clackamas County, Marion County, Yamhill County, Washington County;	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	3140	73717
April	04/11/2022	9:37 PM	04/11/2022	10:14 PM	California: Riverside County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	2	1337
April	04/11/2022	8:33 PM	04/11/2022	8:40 PM	Maryland: Calvert County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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April	04/11/2022	8:33 PM	04/11/2022	8:40 PM	Maryland: Calvert County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
April	04/12/2022	5:42 PM	04/12/2022	6:38 PM	Arkansas: Ouachita County;	SERC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Actual Physical Attack	0	0
April	04/13/2022	10:04 PM	04/14/2022	12:02 AM	Louisiana: Iberia Parish;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	7	2429
April	04/14/2022	5:59 AM	04/14/2022	6:13 AM	California: Los Angeles County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	164	262268
April	04/16/2022	12:17 PM	Unknown	Unknown	Missouri:	SERC/RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	Generation Inadequacy	0	0
April	04/16/2022	11:08 AM	Unknown	Unknown	Iowa: Polk County; Illinois:	SERC/MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
April	04/16/2022	10:45 AM	Unknown	Unknown	Washington:	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
April	04/16/2022	5:44 PM	Unknown	Unknown	California:	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	9290	Unknown
April	04/16/2022	5:30 AM	04/16/2022	11:38 AM	California: Shasta County;	WECC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0

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April	04/16/2022	10:55 PM	04/16/2022	10:57 PM	Pennsylvania: York County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
April	04/19/2022	6:00 AM	Unknown	Unknown	New York:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	97000
April	04/19/2022	8:41 AM	04/19/2022	12:10 PM	Connecticut: Massachusetts: Maine: New Hampshire: Rhode Island: Vermont:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	67754
April	04/19/2022	4:07 AM	Unknown	Unknown	New York: Broome County, Chemung County, Chenango County, Clinton County, Columbia County, Cortland County, Delaware County, Dutchess County, Erie County, Essex County, Greene County, Hamilton County, Herkimer County, Madison County, Oneida County, Otsego County, Putnam County, Saratoga County, Schoharie County, Schuyler County, Steuben County, Sullivan County, Tioga County, Tompkins County, Ulster County, Westchester County;	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	84033
April	04/22/2022	11:00 PM	04/24/2022	4:00 PM	North Dakota:	MRO	Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident	Severe Weather	1000	Unknown
April	04/22/2022	11:16 PM	04/24/2022	4:00 PM	North Dakota: Mountrail County, Williams County, Ward County, Burke County, Bottineau County, McLean County, Walsh County, Bowman County, Stark County, Dunn County, Mercer County; Montana: Wibaux County, Richland County;	WECC/MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	Unknown	Unknown
April	04/23/2022	3:38 PM	04/24/2022	4:00 AM	North Dakota: Mountrail County, Williams County;	MRO	Uncontrolled loss of 300 Megawatts or more of firm system loads for 15 minutes or more from a single incident	Severe Weather	480	18430

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
April	04/23/2022	7:42 PM	04/24/2022	4:17 PM	Iowa: Polk County, Warren County; Illinois:	SERC/MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	43	22400
April	04/26/2022	2:27 PM	Unknown	Unknown	Minnesota: Chisago County;	MRO	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	17	0
April	04/26/2022	8:54 AM	04/26/2022	8:55 AM	California: Sacramento County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
April	04/27/2022	9:00 AM	04/27/2022	9:01 AM	Ohio: Muskingum County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	Unknown	Unknown
April	04/28/2022	7:56 AM	04/28/2022	8:48 AM	North Carolina: South Carolina:	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	74	Unknown
April	04/28/2022	3:45 PM	Unknown	Unknown	New Mexico: San Juan County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
April	04/29/2022	7:05 AM	04/29/2022	7:06 AM	California:	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
May	05/02/2022	2:24 PM	05/02/2022	2:25 PM	California:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	0
May	05/03/2022	6:42 AM	05/03/2022	1:59 PM	New Hampshire: Carroll County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/03/2022	12:17 AM	05/04/2022	12:00 PM	Louisiana:	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
May	05/04/2022	2:07 PM	05/05/2022	1:57 AM	Michigan: Wayne County;	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	Unknown	0
May	05/05/2022	1:06 PM	05/05/2022	2:06 PM	Arkansas:	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	Unknown	0
May	05/06/2022	3:02 AM	05/06/2022	3:34 AM	Michigan: Jackson County;	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	Fuel Supply Deficiency	0	0
May	05/09/2022	4:25 PM	05/09/2022	5:10 PM	Texas: Haskell County;	TRE	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/09/2022	4:25 PM	05/09/2022	5:10 PM	Texas: Haskell County;	TRE	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/11/2022	6:00 PM	05/11/2022	10:42 PM	Minnesota:	MRO	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	105000
May	05/11/2022	10:00 AM	05/11/2022	10:01 AM	Iowa: Clinton County;	MRO	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems; Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/12/2022	4:50 PM	05/13/2022	2:48 AM	South Dakota: Davison County;	MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	Unknown	Unknown
May	05/12/2022	2:58 PM	05/12/2022	2:59 PM	Mississippi: Harrison County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	0	0
May	05/12/2022	2:58 PM	05/12/2022	2:59 PM	Mississippi: Lamar County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	0	0
May	05/12/2022	1:00 AM	05/12/2022	1:10 AM	Texas: Frio County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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May	05/12/2022	10:44 AM	05/12/2022	1:34 PM	Missouri: Barry County, Dade County, Lawrence County;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	800	0
May	05/14/2022	3:05 PM	05/14/2022	4:30 PM	Texas:	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
May	05/15/2022	11:30 PM	05/17/2022	11:45 PM	Texas: Collin County, Dallas County, Denton County, Ellis County, Grayson County, Henderson County, Hunt County, Kaufman County, Navarro County, Rockwall County, Smith County, Tarrant County, Van Zandt County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	150000
May	05/15/2022	9:00 PM	05/15/2022	9:10 PM	Pennsylvania: Montgomery County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
May	05/15/2022	9:00 PM	05/15/2022	9:10 PM	Pennsylvania: Montgomery County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
May	05/16/2022	5:00 AM	05/16/2022	5:01 AM	California: Solano County, Santa Clara County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/16/2022	4:03 PM	05/16/2022	7:32 PM	Arizona: Pima County;	WECC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more; Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
May	05/17/2022	12:10 PM	Unknown	Unknown	New Mexico: Roosevelt County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	25	Unknown

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
May	05/18/2022	5:00 PM	05/31/2022	12:00 PM	New Mexico: San Juan County;	WECC	Fuel supply emergencies that could impact electric power system adequacy or reliability	Fuel Supply Deficiency	560	0
May	05/18/2022	11:00 AM	05/18/2022	4:34 PM	Idaho: Madison County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
May	05/18/2022	3:30 PM	05/18/2022	4:30 PM	Pennsylvania: Philadelphia County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
May	05/20/2022	5:26 PM	05/20/2022	5:33 PM	New York:	NPCC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
May	05/20/2022	8:48 AM	Unknown	Unknown	New York: Broome County, Monroe County;	NPCC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
May	05/21/2022	9:53 PM	05/22/2022	12:28 AM	Missouri: Jackson County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
May	05/22/2022	2:30 AM	05/22/2022	6:52 PM	Texas: Harris County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	52172
May	05/22/2022	10:40 PM	05/22/2022	11:16 PM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
May	05/25/2022	6:42 AM	05/25/2022	6:43 AM	California: Siskiyou County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
May	05/27/2022	7:56 AM	05/27/2022	8:38 AM	Arizona: California: Nevada: New Mexico:	WECC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
May	05/27/2022	5:19 AM	05/27/2022	6:00 AM	Ohio: Cuyahoga County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
May	05/29/2022	4:41 PM	05/31/2022	11:29 AM	Pennsylvania: York County;	RF	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
May	05/29/2022	1:18 AM	05/29/2022	1:50 AM	Pennsylvania: Montgomery County;	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
May	05/30/2022	2:10 PM	05/31/2022	5:58 AM	California: San Diego County;	WECC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
May	05/31/2022	1:58 PM	05/31/2022	1:59 PM	Texas: Travis County;	TRE	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
June	06/01/2022	10:47 AM	06/01/2022	10:48 AM	Utah: California: Oregon: Umatilla County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
June	06/02/2022	8:20 AM	Unknown	Unknown	California: Imperial County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
June	06/03/2022	3:48 AM	06/03/2022	3:49 AM	Georgia: DeKalb County;	SERC	Damage or destruction of a Facility within its Reliability Coordinator Area, Balancing Authority Area or Transmission Operator Area that results in action(s) to avoid a Bulk Electric System Emergency.	Vandalism	0	0
June	06/04/2022	12:59 PM	06/05/2022	2:15 AM	Texas: Ector County;	TRE	Total generation loss, within one minute of: greater than or equal to 2,000 Megawatts in the Eastern or Western Interconnection or greater than or equal to 1,400 Megawatts in the ERCOT Interconnection.	Generation Inadequacy	0	0
June	06/05/2022	3:20 PM	06/05/2022	8:12 PM	California:	WECC	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy	Generation Inadequacy	Unknown	Unknown
June	06/06/2022	10:21 AM	06/06/2022	10:24 AM	California: Shasta County;	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	13	4000
June	06/08/2022	1:00 AM	06/08/2022	6:00 AM	Missouri: Clay County, Jackson County; Kansas: Johnson County;	SERC/M RO	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	91,188



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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
June	06/08/2022	12:00 AM	06/08/2022	4:00 AM	Kansas: Missouri: Nebraska:	SERC/MRO	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	62000
June	06/08/2022	1:00 AM	06/08/2022	4:00 AM	Missouri:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Distribution Interruption	Unknown	60000
June	06/09/2022	2:33 AM	06/09/2022	6:49 AM	Texas: Dallas County;	TRE	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	0	0
June	06/09/2022	7:00 AM	06/09/2022	7:05 AM	Oregon: Douglas County; Washington: Idaho: Utah: Wyoming:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
June	06/10/2022	12:08 PM	06/10/2022	9:30 PM	Texas: El Paso County;	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Actual Physical Attack/Vandalism	0	0
June	06/10/2022	8:27 PM	06/10/2022	9:30 PM	California: Kern County;	WECC	Firm load shedding of 100 Megawatts or more implemented under emergency operational polic	System Operations	100	39094
June	06/10/2022	8:20 PM	06/10/2022	8:28 PM	California: Kern County;	WECC	Firm load shedding of 100 Megawatts or more implemented under emergency operational polic	System Operations	100	Unknown
June	06/10/2022	8:45 AM	Unknown	Unknown	California:	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	13437	445
June	06/12/2022	11:30 PM	06/13/2022	11:30 PM	Ohio: West Virginia: Virginia: Indiana:	SERC/RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	14000	100000
June	06/13/2022	6:00 PM	06/14/2022	6:15 PM	Ohio: Kentucky:	SERC/RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	162551
June	06/13/2022	11:54 PM	06/14/2022	12:45 AM	Michigan:	RF	Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more. Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
June	06/14/2022	1:46 PM	Unknown	Unknown	Ohio:	RF	Firm load shedding of 100 Megawatts or more implemented under emergency operational polic	System Operations	373	Unknown

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
June	06/14/2022	12:00 AM	06/14/2022	6:00 AM	Washington: Grant County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Actual Physical Attack/Vandalism	0	0
June	06/15/2022	9:00 PM	Unknown	Unknown	Wisconsin: Outagamie County, Waupaca County, Winnebago County, Brown County, Sheboygan County, Ozaukee County, Waukesha County; Michigan: Iron County;	RF/MRO	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	90	57000
June	06/15/2022	10:45 AM	06/15/2022	1:45 PM	Michigan: Wayne County;	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
June	06/16/2022	4:31 PM	06/16/2022	8:07 PM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	77908
June	06/16/2022	3:51 AM	06/16/2022	6:30 AM	Washington: Lewis County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	35	7500
June	06/17/2022	6:45 PM	06/18/2022	1:32 PM	North Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	44000
June	06/17/2022	5:30 PM	06/19/2022	9:15 PM	West Virginia: Virginia: Kentucky:	SERC/R F	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	150000
June	06/17/2022	5:37 PM	06/18/2022	12:54 AM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	91056
June	06/17/2022	6:02 AM	Unknown	Unknown	Illinois: Missouri:	SERC/R F	Cyber event that could potentially impact electric power system adequacy or reliability	Severe Weather	Unknown	80000
June	06/20/2022	12:54 PM	06/20/2022	2:23 PM	Minnesota: Hennepin County;	MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	15604
June	06/22/2022	4:56 PM	06/23/2022	2:00 AM	Virginia:	SERC/R F	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Distribution Interruption	Unknown	100000
June	06/23/2022	12:41 PM	06/23/2022	1:41 PM	New Jersey: Cape May County;	NPCC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
June	06/23/2022	10:55 AM	Unknown	Unknown	California:	WECC	Fuel supply emergencies that could impact electric power system adequacy or reliability	Fuel Supply Deficiency	0	0
June	06/24/2022	11:09 PM	06/25/2022	12:00 AM	Louisiana:	SERC	Fuel supply emergencies that could impact electric power system adequacy or reliability	Fuel Supply Deficiency	Unknown	Unknown
June	06/26/2022	5:05 PM	06/26/2022	10:42 PM	Nevada: Clark County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
June	06/27/2022	5:07 PM	06/28/2022	1:42 AM	Michigan: Wayne County;	RF/MRO	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
June	06/27/2022	2:26 PM	06/28/2022	3:56 AM	Texas: Victoria County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	14	2491
June	06/27/2022	6:21 AM	06/27/2022	7:26 AM	Texas:	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
June	06/28/2022	9:27 AM	06/28/2022	10:42 AM	Texas: Travis County;	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
June	06/28/2022	9:39 AM	06/28/2022	9:40 AM	Kentucky: Clark County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
June	06/30/2022	7:58 PM	06/30/2022	8:50 PM	Michigan: Wayne County;	RF	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more. Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
July	07/01/2022	11:45 AM	Unknown	Unknown	California: Kern County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	20	0
July	07/03/2022	10:30 AM	07/03/2022	10:40 AM	California: Contra Costa County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
July	07/03/2022	5:18 AM	07/03/2022	8:24 AM	Oklahoma:	MRO	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
July	07/03/2022	11:02 AM	Unknown	Unknown	California: Kern County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	Unknown	1079
July	07/04/2022	6:21 PM	Unknown	Unknown	California: Amador County;	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system	System Operations	3	3001
July	07/05/2022	8:00 AM	07/05/2022	8:06 AM	Washington: Pierce County; Oregon: Idaho: Montana:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
July	07/05/2022	8:46 PM	07/05/2022	9:40 PM	Iowa: Illinois:	RF/SER C	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
July	07/06/2022	2:39 PM	07/07/2022	3:54 AM	Ohio: Kentucky:	RF/SER C	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather/Transmission Interruption	Unknown	104700
July	07/06/2022	4:23 PM	07/06/2022	4:35 PM	Virginia: Fluvanna County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
July	07/06/2022	6:18 AM	07/06/2022	6:19 AM	Kentucky: Nelson County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
July	07/06/2022	12:40 PM	07/06/2022	12:41 PM	Utah: California: Oregon: Douglas County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
July	07/06/2022	1:58 AM	Unknown	Unknown	Oklahoma: Okmulgee County;	MRO	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	25	4836
July	07/09/2022	2:47 AM	07/09/2022	2:59 AM	Louisiana: Rapides Parish;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	Unknown	4724

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
July	07/10/2022	9:00 PM	07/11/2022	8:00 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	Unknown
July	07/11/2022	10:20 AM	Unknown	Unknown	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	2	0
July	07/12/2022	4:00 PM	Unknown	Unknown	Maryland: Baltimore County, Carroll County, Harford County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	800	165000
July	07/12/2022	10:45 AM	07/12/2022	11:00 AM	Washington: Oregon: Clatsop County; Idaho: Montana:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
July	07/12/2022	6:00 PM	07/12/2022	10:00 PM	District of Columbia: Maryland:	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	50200
July	07/13/2022	11:30 AM	07/13/2022	9:00 PM	Texas:	TRE	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	Unknown
July	07/13/2022	10:00 AM	07/13/2022	1:00 PM	Colorado: La Plata County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
July	07/15/2022	7:10 AM	07/15/2022	7:11 AM	Nebraska: Wayne County;	MRO	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
July	07/18/2022	9:15 AM	Unknown	Unknown	South Carolina:	SERC	Fuel supply emergencies that could impact electric power system adequacy or reliability	Fuel Supply Deficiency	4500	0
July	07/18/2022	1:09 PM	07/18/2022	1:11 PM	Oregon: Josephine County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
July	07/19/2022	3:42 PM	07/19/2022	4:12 PM	Florida: Palm Beach County;	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
July	07/19/2022	3:42 PM	07/19/2022	4:12 PM	Florida: Palm Beach County;	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
July	07/23/2022	8:45 PM	07/24/2022	11:30 AM	Michigan: Muskegon County, Ottawa County, Kent County, Montcalm County, Ionia County, Allegan County, Van Buren County, Kalamazoo County, Barry County, Mason County, Shiawassee County, Ingham County, Genesee County, Saginaw County, Midland County, Wexford County, Grand Traverse County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	93750
July	07/25/2022	12:38 AM	07/25/2022	1:46 PM	Pennsylvania: Erie County;	RF	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
July	07/26/2022	6:38 AM	07/26/2022	12:57 PM	Texas: Hays County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	0	0
July	07/26/2022	4:20 AM	07/26/2022	4:57 AM	California: Santa Barbara County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	Unknown	Unknown
July	07/26/2022	9:00 PM	07/26/2022	9:20 PM	Pennsylvania: York County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
July	07/28/2022	7:25 PM	07/28/2022	10:41 PM	California: Placer County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action. Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Actual Physical Attack	0	0
July	07/29/2022	2:00 AM	07/29/2022	2:01 AM	Pennsylvania: York County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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July	07/30/2022	7:35 PM	08/01/2022	1:17 PM	California: Shasta County;	WECC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
July	07/31/2022	6:36 AM	07/31/2022	7:13 AM	New York: Saratoga County;	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
August	08/01/2022	9:44 AM	08/01/2022	9:45 AM	Georgia: DeKalb County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/01/2022	8:03 AM	08/01/2022	9:00 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0
August	08/03/2022	2:00 AM	08/03/2022	3:07 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
August	08/03/2022	2:30 AM	Unknown	Unknown	Minnesota: Wisconsin;	MRO/RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	80000
August	08/03/2022	7:00 PM	08/05/2022	8:53 AM	Michigan: Wayne County, Washtenaw County, St. Clair County, Macomb County, Monroe County, Oakland County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	71000
August	08/03/2022	5:00 PM	08/03/2022	8:30 PM	Michigan: Allegan County, Van Buren County, Barry County, Kalamazoo County, Calhoun County, Jackson County, Calhoun County, Washtenaw County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	91264
August	08/04/2022	6:00 PM	08/05/2022	2:00 AM	Maryland: Anne Arundel County, Baltimore County, Baltimore, City of [16];	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	75500
August	08/05/2022	2:52 PM	08/05/2022	4:41 PM	Washington: Lewis County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/05/2022	2:00 AM	08/05/2022	6:30 AM	Washington:	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Actual Physical Attack	3	350
August	08/09/2022	3:18 PM	08/09/2022	3:19 PM	Washington: Kitsap County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
August	08/09/2022	4:42 PM	08/09/2022	10:12 PM	Ohio:	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	System Operations	Unknown	62464
August	08/09/2022	2:29 AM	08/09/2022	3:00 AM	Missouri:	SERC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
August	08/09/2022	12:12 PM	08/09/2022	1:08 PM	Florida: Palm Beach County;	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
August	08/09/2022	12:12 PM	08/09/2022	1:08 PM	Florida: Palm Beach County;	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
August	08/10/2022	1:25 AM	08/10/2022	1:30 AM	Arkansas: Lawrence County;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	24	0
August	08/10/2022	3:00 PM	08/10/2022	3:01 PM	Alabama: Jefferson County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/10/2022	7:56 PM	08/11/2022	8:00 PM	Texas: Harris County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	140464
August	08/12/2022	2:46 PM	08/12/2022	2:47 PM	Georgia: Sumter County;	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/15/2022	11:43 PM	08/16/2022	7:14 AM	Wyoming: Nebraska:	WECC/M RO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	5000
August	08/15/2022	9:08 AM	08/15/2022	9:10 AM	Nevada: Clark County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/15/2022	10:24 AM	08/15/2022	12:49 PM	New Jersey: Gloucester County;	RF	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Transmission Interruption	Unknown	0
August	08/18/2022	6:05 PM	08/18/2022	9:39 PM	Ohio: Franklin County;	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	Unknown	Unknown
August	08/19/2022	5:40 PM	08/19/2022	5:41 PM	Massachusetts: Bristol County;	NPCC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack	0	0



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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
August	08/19/2022	10:00 PM	08/20/2022	11:30 AM	Washington: Clark County;	WECC	Cyber event that could potentially impact electric power system adequacy or reliability	Cyber Event	0	0
August	08/22/2022	9:47 AM	08/22/2022	9:48 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/22/2022	12:46 PM	08/22/2022	1:09 PM	Texas: DeWitt County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	24	6385
August	08/22/2022	8:40 PM	08/22/2022	9:57 PM	Texas: El Paso County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	0	0
August	08/24/2022	2:20 PM	08/24/2022	2:21 PM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/25/2022	12:59 AM	08/25/2022	1:00 AM	California: San Diego County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
August	08/25/2022	12:59 AM	08/25/2022	1:00 AM	California: San Diego County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
August	08/26/2022	11:09 AM	08/26/2022	11:10 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
August	08/27/2022	2:21 AM	08/27/2022	7:14 PM	Maine:	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
August	08/28/2022	4:59 AM	08/28/2022	6:06 AM	New York: Broome County;	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
August	08/29/2022	3:00 PM	09/01/2022	9:00 AM	Michigan: Ottawa County, Allegan County, Van Buren County, Montcalm County, Kent County, Barry County, Kalamazoo County, St. Joseph County, Branch County, Hillsdale County, Calhoun County, Jackson County, Eaton County, Clinton County, Shiawassee County, Montcalm County, Isabella County, Mecosta County, Midland County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	197740
August	08/29/2022	5:50 PM	Unknown	Unknown	Michigan:	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	Unknown
August	08/29/2022	10:45 AM	08/29/2022	11:45 AM	Texas: Collin County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
August	08/31/2022	9:58 AM	08/31/2022	12:15 PM	Florida: Duval County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	10	3000
September	09/01/2022	3:00 PM	09/01/2022	9:00 PM	California: Shasta County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Severe Weather	242	44000
September	09/04/2022	4:00 PM	09/06/2022	8:00 AM	Texas: Tarrant County, Collin County, Dallas County, Ellis County, Kaufman County, Rockwall County, Williamson County, Denton County, Archer County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	190000
September	09/04/2022	6:50 PM	09/05/2022	2:45 AM	California: Kings County;	WECC	Cyber event that could potentially impact electric power system adequacy or reliability	Cyber Event	0	0
September	09/05/2022	6:05 AM	09/05/2022	9:00 PM	California: Sacramento County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
September	09/06/2022	4:30 PM	09/07/2022	12:30 AM	California: San Diego County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
September	09/06/2022	6:00 AM	09/06/2022	6:22 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
September	09/06/2022	10:34 AM	09/06/2022	9:00 PM	California: Sacramento County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	0
September	09/06/2022	4:00 PM	09/06/2022	9:00 PM	California: Shasta County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Severe Weather	272	44000
September	09/06/2022	7:20 PM	09/06/2022	9:01 PM	Idaho: Oregon:	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	Unknown
September	09/06/2022	5:00 PM	09/06/2022	8:00 PM	Nevada: Clark County, Washoe County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	8800	1300000
September	09/07/2022	1:45 PM	09/07/2022	7:00 PM	Florida: Alachua County;	SERC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	Cyber Event	0	0
September	09/07/2022	11:31 AM	09/07/2022	9:00 PM	California: Sacramento County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	0
September	09/07/2022	1:00 PM	Unknown	Unknown	California: Imperial County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Vandalism	0	0
September	09/07/2022	5:00 PM	09/07/2022	8:00 PM	Nevada: Clark County, Washoe County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	8600	1300000
September	09/07/2022	4:00 PM	09/07/2022	9:00 PM	California: Shasta County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Severe Weather	257	44000

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
September	09/08/2022	10:52 AM	09/09/2022	9:00 PM	California: Sacramento County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	Unknown	0
September	09/08/2022	11:54 AM	09/08/2022	9:00 PM	California: Shasta County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Severe Weather	258	44000
September	09/08/2022	5:00 PM	09/08/2022	8:00 PM	Nevada: Clark County, Washoe County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	System Operations	8250	1300000
September	09/09/2022	4:00 PM	09/09/2022	9:00 PM	California: Shasta County;	WECC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System	Severe Weather	257	44000
September	09/10/2022	10:30 PM	09/10/2022	10:31 PM	Indiana: Spencer County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	Unknown	Unknown
September	09/11/2022	6:19 PM	09/11/2022	10:28 PM	Texas: Fayette County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
September	09/13/2022	7:55 PM	09/13/2022	8:01 PM	Texas: El Paso County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Severe Weather	0	0
September	09/15/2022	7:52 PM	09/15/2022	9:31 PM	Texas: Fayette County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
September	09/16/2022	6:30 PM	09/16/2022	11:15 PM	Oregon: Multnomah County; Washington: Clark County;	WECC	Complete loss of Interpersonal Communication and Alternative Interpersonal Communication capability affecting its staffed Bulk Electric System control center for 30 continuous minutes or more.	Transmission Interruption	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
September	09/16/2022	6:00 PM	09/16/2022	6:01 PM	Utah:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious Activity	0	0
September	09/21/2022	4:19 PM	09/21/2022	6:01 PM	Texas: Louisiana: Arkansas: Jefferson County; Mississippi:	TRE/SE RC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	1521
September	09/22/2022	3:58 AM	09/22/2022	4:00 AM	Florida: Pinellas County, Pasco County, Orange County, Lake County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	Unknown	Unknown
September	09/22/2022	10:02 AM	09/22/2022	11:00 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	1	0
September	09/23/2022	10:10 AM	09/23/2022	11:00 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	2	0
September	09/27/2022	8:42 AM	09/27/2022	10:00 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	1	0
September	09/28/2022	3:00 PM	10/03/2022	3:53 PM	Florida: Alachua County, Bay County, Citrus County, Columbia County, Dixie County, Franklin County, Gilchrist County, Gulf County, Hamilton County, Hardee County, Hernando County, Highlands County, Jefferson County, Lafayette County, Lake County, Levy County, Madison County, Marion County, Orange County, Osceola County, Pasco County, Pinellas County, Polk County, Seminole County, Sumter County, Suwannee County, Taylor County, Volusia County, Wakulla County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	676000
September	09/28/2022	6:00 PM	09/30/2022	3:20 PM	Florida:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	1000	116937
September	09/28/2022	3:00 PM	Unknown	Unknown	Florida: Hillsborough County, Polk County, Pasco County, Pinellas County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	750	291361
September	09/29/2022	4:00 AM	10/03/2022	12:00 AM	Florida: Orange County, Osceola County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
September	09/29/2022	3:27 AM	Unknown	Unknown	Florida: Polk County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	150	15797
September	09/30/2022	6:30 PM	10/01/2022	6:36 PM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	154100
September	09/30/2022	1:46 PM	09/30/2022	6:09 PM	South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	108930
September	09/30/2022	2:45 AM	10/01/2022	4:15 PM	North Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	48323
September	09/30/2022	11:00 AM	09/30/2022	12:00 PM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	2	0
October	10/03/2022	6:00 AM	10/04/2022	7:00 AM	Alabama: Barbour County; Virginia:	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious activity	0	0
October	10/03/2022	1:45 PM	10/03/2022	2:30 PM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	1	0
October	10/08/2022	4:23 PM	10/08/2022	4:50 PM	New York: Queens County;	NPCC	Physical threat to its Bulk Electric System control center, excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the control center. Or suspicious device or activity at its Bulk Electric System control center.	Suspicious activity	100	0
October	10/10/2022	3:50 PM	10/10/2022	4:05 PM	Texas: Louisiana: Arkansas: Pope County; Mississippi:	TRE/SE RC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	0
October	10/13/2022	10:00 AM	10/13/2022	11:00 AM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	1	0
October	10/14/2022	1:15 PM	10/14/2022	5:45 PM	Connecticut: Massachusetts: Maine: Rhode Island: New Hampshire: Vermont:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Sever Weather	Unknown	76388
October	10/14/2022	1:30 PM	Unknown	Unknown	Texas: Bee County;	RE	Reportable Cyber Security Incident	Cyber Event	0	0
October	10/15/2022	9:52 AM	10/15/2022	10:23 AM	Arizona: Maricopa County;	WECC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
October	10/15/2022	8:04 PM	10/18/2022	4:03 PM	Louisiana: Lafourche Parish;	SERC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	69	16225
October	10/18/2022	3:12 PM	Unknown	Unknown	Texas: Louisiana: Arkansas: Pope County; Mississippi:	TRE/SE RC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	Unknown

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
October	10/21/2022	11:15 AM	10/21/2022	11:18 AM	California: Trinity County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious activity	0	0
October	10/24/2022	12:00 AM	10/28/2022	12:00 AM	Massachusetts: Essex County[13];	NPCC	Reportable Cyber Security Incident	Cyber Event	0	0
October	10/24/2022	4:29 PM	10/24/2022	6:05 PM	Texas: New Mexico: Chaves County;	TRE/WE CC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	System Operations	34	7551
October	10/25/2022	1:45 AM	10/25/2022	1:50 PM	Texas: Harris County;	TRE	Loss of electric service to more than 50,000 customers for 1 hour or more	System Operations	Unknown	109865
October	10/26/2022	7:32 PM	10/26/2022	8:38 PM	Texas:	TRE	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
October	10/27/2022	12:01 AM	10/27/2022	1:00 PM	Arkansas:	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	0
October	10/28/2022	2:16 PM	10/28/2022	3:00 PM	California: Los Angeles County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	2	0
October	10/31/2022	9:14 PM	10/31/2022	10:14 PM	Louisiana:	SERC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Suspicious activity	Unknown	0
November	11/02/2022	3:11 PM	11/02/2022	3:25 PM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
November	11/03/2022	12:07 PM	11/03/2022	2:24 PM	Washington: Douglas County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
November	11/04/2022	8:05 PM	11/07/2022	9:00 AM	Washington: Island County, King County, Kittitas County, Thurston County, Kitsap County, Pierce County, Skagit County, Whatcom County;	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	214000

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November	11/05/2022	1:00 PM	11/08/2022	7:00 AM	Michigan: Kalamazoo County, Kent County, Calhoun County, Genesee County, Ottawa County, Muskegon County, Eaton County, Saginaw County, Van Buren County, Hillsdale County, Shiawassee County, Jackson County, Lenawee County, Branch County, Montcalm County, Monroe County, Manistee County, Roscommon County, Clinton County, Ingham County, Gladwin County, Arenac County, Ogemaw County, Iosco County, Alcona	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	158450
November	11/05/2022	7:57 PM	Unknown	Unknown	Michigan: Oakland County, Wayne County, Monroe County, Lapeer County, St. Clair County, Washtenaw County, Macomb County, Tuscola County, Sanilac County, Huron County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	53000
November	11/05/2022	7:00 PM	Unknown	Unknown	Wisconsin:	MRO/RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	50000
November	11/08/2022	3:48 PM	11/08/2022	4:21 PM	Texas: Hockley County;	TRE	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
November	11/10/2022	11:07 AM	11/10/2022	12:00 PM	Arkansas: Pulaski County;	SERC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	Generation Inadequacy	0	0



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November	11/10/2022	6:00 AM	11/11/2022	8:47 AM	Florida: Alachua County, Bay County, Citrus County, Columbia County, Dixie County, Franklin County, Gilchrist County, Gulf County, Hamilton County, Hardee County, Hernando County, Highlands County, Jefferson County, Lafayette County, Lake County, Levy County, Madison County, Marion County, Orange County, Osceola County, Pasco County, Pinellas County, Polk County, Seminole County, Sumter County, Suwannee County, Taylor County, Volusia County, Wakulla County;	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	Unknown	160000
November	11/11/2022	1:00 AM	11/11/2022	5:00 AM	California: San Bernardino County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	Unknown
November	11/11/2022	1:41 AM	11/14/2022	2:00 PM	Ohio: Knox County;	RF	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	7	1775
November	11/15/2022	10:17 AM	11/15/2022	11:06 AM	Massachusetts: Hampden County[13];	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
November	11/15/2022	1:00 AM	11/15/2022	6:00 AM	Oregon: Josephine County; Washington: Idaho: Utah: Wyoming;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
November	11/18/2022	4:30 AM	11/18/2022	4:59 AM	Washington: Cowlitz County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	3	1454
November	11/22/2022	10:01 AM	11/22/2022	10:43 AM	Maine: Penobscot County;	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
November	11/23/2022	7:03 AM	11/23/2022	8:57 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
November	11/23/2022	10:15 AM	11/23/2022	2:09 PM	Washington: Pierce County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Actual Physical Attack/Vandalism	0	0
November	11/23/2022	12:46 PM	11/23/2022	1:19 PM	Michigan:	RF	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
November	11/23/2022	9:30 AM	Unknown	Unknown	Maryland: Delaware: New Jersey: Pennsylvania: Illinois: District of Columbia:	RF	Cyber event that could potentially impact electric power system adequacy or reliability	Cyber Event	Unknown	Unknown
November	11/24/2022	1:40 AM	11/24/2022	1:45 AM	Oregon: Clackamas County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
November	11/25/2022	5:00 AM	11/25/2022	8:00 AM	California: Riverside County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Actual Physical Attack/Vandalism	0	0
November	11/27/2022	5:28 PM	11/27/2022	11:58 PM	Maryland: Montgomery County;	RF	Loss of electric service to more than 50,000 customers for 1 hour or more	Transmission Interruption	190	87500
November	11/28/2022	1:08 AM	11/28/2022	2:24 AM	Oregon: Clackamas County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems	Actual Physical Attack/Vandalism	Unknown	6337
November	11/30/2022	6:45 PM	12/02/2022	4:00 AM	Maine: Massachusetts: Connecticut: Rhode Island: Vermont: New Hampshire:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	113	113000
November	11/30/2022	2:37 AM	11/30/2022	6:10 AM	New York: Broome County;	NPCC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
November	11/30/2022	3:35 AM	11/30/2022	9:10 AM	Alabama: Mississippi: Georgia:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more	Severe Weather	386	54110
December	12/03/2022	7:51 PM	Unknown	Unknown	North Carolina: Moore County;	SERC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems.	Vandalism	99	45000
December	12/05/2022	6:20 PM	12/05/2022	6:55 PM	Pennsylvania: York County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/05/2022	9:00 AM	12/05/2022	1:00 PM	New York: Orange County;	NPCC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems.	Vandalism	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
December	12/06/2022	9:25 AM	Unknown	Unknown	California: Sacramento County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/06/2022	8:26 AM	12/06/2022	8:30 AM	Kentucky: Jefferson County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	0	0
December	12/06/2022	12:00 AM	12/06/2022	12:01 AM	Georgia: Heard County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/06/2022	12:00 AM	12/06/2022	12:01 AM	Georgia: Bartow County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/06/2022	12:45 PM	Unknown	Unknown	Ohio:	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	2600	Unknown
December	12/06/2022	8:15 AM	12/06/2022	12:15 PM	Pennsylvania:	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	1883	Unknown
December	12/07/2022	1:35 PM	12/07/2022	1:40 PM	Illinois: Cook County;	SERC/R F	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
December	12/07/2022	4:42 PM	12/07/2022	9:00 PM	North Carolina: South Carolina:	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/08/2022	12:36 PM	Unknown	Unknown	Indiana: Vigo County;	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/10/2022	1:14 AM	12/10/2022	2:02 AM	Massachusetts: Suffolk County[13];	NPCC	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	Transmission Interruption	0	0
December	12/10/2022	11:00 AM	12/12/2022	6:00 AM	Missouri: Greene County, Dunklin County;	SERC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/13/2022	11:59 PM	12/14/2022	3:39 AM	Washington: Spokane County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	10	583
December	12/14/2022	10:42 AM	12/14/2022	12:05 PM	Florida: Hillsborough County;	SERC	Complete loss of monitoring or control capability at its staffed Bulk Electric System control center for 30 continuous minutes or more.	System Operations	0	0
December	12/14/2022	11:23 AM	Unknown	Unknown	Indiana:	RF	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
December	12/14/2022	12:52 PM	Unknown	Unknown	Montana: Richland County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	Unknown	Unknown
December	12/15/2022	5:30 AM	12/15/2022	5:31 AM	Utah: Salt Lake County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
December	12/16/2022	11:30 PM	12/18/2022	11:21 PM	Massachusetts: Vermont: New Hampshire: Maine:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	36600

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Month	Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Alert Criteria	Event Type	Demand Loss (MW)	Number of Customers Affected
December	12/17/2022	7:45 PM	12/17/2022	7:46 PM	Texas: Kaufman County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/22/2022	9:04 AM	12/25/2022	12:00 AM	Tennessee: Alabama: Mississippi: Kentucky:	SERC	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Transmission Interruption	3200	Unknown
December	12/22/2022	9:04 PM	12/22/2022	9:42 PM	Texas: Montgomery County;	TRE	Unplanned evacuation from its Bulk Electric System control center facility for 30 continuous minutes or more.	System Operations	0	0
December	12/23/2022	6:04 AM	12/23/2022	6:40 AM	Texas: Cameron County;	TRE	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	0	0
December	12/23/2022	2:30 PM	Unknown	Unknown	New York:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	57000
December	12/23/2022	5:20 AM	Unknown	Unknown	Connecticut: Rhode Island: Massachusetts: Vermont: New Hampshire: Maine:	NPCC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	500000
December	12/23/2022	9:45 AM	12/23/2022	5:00 PM	North Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	66519
December	12/23/2022	7:30 AM	12/23/2022	10:13 PM	North Carolina: South Carolina:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	108900
December	12/23/2022	8:31 AM	Unknown	Unknown	Tennessee: Shelby County;	SERC	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	Unknown	Unknown
December	12/23/2022	3:03 AM	12/23/2022	12:30 PM	Alabama: Georgia: Mississippi:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	236	33010
December	12/23/2022	7:19 AM	12/23/2022	7:41 AM	Missouri: Jasper County;	SERC	Public appeal to reduce the use of electricity for purposes of maintaining the continuity of the Bulk Electric System.	Severe Weather	0	0
December	12/24/2022	6:15 AM	12/25/2022	9:00 AM	South Carolina:	SERC	System-wide voltage reductions of 3 percent or more.	Severe Weather	4615	17600
December	12/24/2022	6:35 AM	12/24/2022	4:10 PM	North Carolina:	SERC	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	System Operations	960	130000
December	12/24/2022	4:45 AM	12/24/2022	3:45 PM	North Carolina: South Carolina:	SERC	Firm load shedding of 100 Megawatts or more implemented under emergency operational policy.	Severe Weather	1000	295000
December	12/24/2022	9:00 AM	12/24/2022	11:15 AM	Alabama: Georgia: Mississippi:	SERC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	160	22436

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December	12/25/2022	7:25 PM	12/25/2022	8:07 PM	Washington: Pierce County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	32	13500
December	12/25/2022	2:42 AM	12/25/2022	4:55 AM	Washington: Pierce County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	14	8000
December	12/26/2022	6:54 AM	12/26/2022	8:19 AM	Washington:	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	Unknown	Unknown
December	12/26/2022	8:30 AM	12/28/2022	9:00 PM	Washington: King County, Island County, Kittitas County, Kitsap County, Pierce County, Skagit County, Thurston County, Whatcom County;	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	230000
December	12/27/2022	8:00 AM	12/27/2022	8:30 AM	Washington: Lewis County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
December	12/27/2022	1:30 PM	12/27/2022	9:16 PM	California: San Diego County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0
December	12/27/2022	10:12 AM	Unknown	Unknown	Oregon: Clackamas County, Columbia County, Marion County, Multnomah County, Polk County;	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	83060
December	12/27/2022	8:40 PM	12/27/2022	8:41 PM	Washington: King County;	WECC	Electrical System Separation (Islanding) where part or parts of a power grid remain(s) operational in an otherwise blacked out area or within the partial failure of an integrated electrical system.	Severe Weather	11	11600
December	12/27/2022	7:07 AM	12/29/2022	11:10 AM	California: Sacramento County;	WECC	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Suspicious Activity	Unknown	Unknown
December	12/27/2022	7:20 AM	12/27/2022	11:22 AM	California: Sacramento County;	WECC	Physical attack that could potentially impact electric power system adequacy or reliability; or vandalism which targets components of any security systems.	Vandalism	0	0
December	12/29/2022	1:14 PM	12/29/2022	1:55 PM	Washington: King County;	WECC	Damage or destruction of its Facility that results from actual or suspected intentional human action.	Vandalism	0	0

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December	12/29/2022	4:00 PM	Unknown	Unknown	Ohio:	RF	Physical threat to its Facility excluding weather or natural disaster related threats, which has the potential to degrade the normal operation of the Facility. Or suspicious device or activity at its Facility.	Vandalism	2600	Unknown
December	12/30/2022	5:25 AM	12/30/2022	2:17 PM	Oregon: Sherman County;	WECC	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	0	0
December	12/30/2022	5:04 PM	Unknown	Unknown	Minnesota: Washington County;	MRO	Unexpected Transmission loss within its area, contrary to design, of three or more Bulk Electric System Facilities caused by a common disturbance (excluding successful automatic reclosing).	Transmission Interruption	Unknown	Unknown
December	12/31/2022	8:00 PM	01/03/2023	12:00 AM	Nevada:	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	3500
December	12/31/2022	7:00 PM	01/01/2023	6:00 AM	California: Sacramento County;	WECC	Loss of electric service to more than 50,000 customers for 1 hour or more.	Severe Weather	Unknown	161000