

### OE-417 Electric Emergency and Disturbance (OE-417) Events, 2014<sup>1</sup>

Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
<b>January</b>								
1/6/2014	7:50 PM	1/6/2014	8:44 PM	District of Columbia	RFC	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	7:50 PM	1/6/2014	8:44 PM	Unknown	RFC	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	7:52 PM	1/6/2014	8:45 PM	Delaware	RFC	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	8:45 PM	1/7/2014	9:00 PM	Unknown	RFC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	7:50 PM	1/6/2014	8:49 PM	Pennsylvania	RFC	Voltage Reduction due to Severe Weather - Cold	200	62,000
1/6/2014	7:50 PM	1/6/2014	8:44 PM	Pennsylvania	RFC	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	2:37 PM	1/6/2014	2:38 PM	Utah	RFC	Vandalism	N/A	N/A
1/6/2014	10:00 PM	1/6/2014	10:01 PM	Kentucky	RFC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/6/2014	7:01 AM	1/7/2014	9:00 AM	Texas	TRE	Public Appeal due to Severe Weather - Cold	N/A	N/A
1/7/2014	9:00 PM	1/8/2014	9:00 AM	Unknown	RFC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/7/2014	6:18 AM	1/7/2014	6:19 AM	Pennsylvania	RFC	Severe Weather - Cold	Unknown	Unknown
1/7/2014	7:58 AM	1/7/2014	11:00 AM	North Carolina	SERC	Voltage Reduction; Public Appeal due to Severe Weather - Cold	14,435	Unknown
1/7/2014	4:15 PM	1/8/2014	1:20 PM	North Carolina	SERC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/7/2014	6:00 AM	1/7/2014	8:30 AM	Northeast Tennessee	SERC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/7/2014	6:00 AM	1/7/2014	8:30 AM	Tennessee	SERC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/7/2014	6:00 PM	1/7/2014	11:00 PM	South Carolina	SERC	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4,853	677,858
1/7/2014	10:59 AM	1/9/2014	9:00 AM	Illinois	RFC	Fuel Supply Emergency - Natural Gas	N/A	N/A
1/7/2014	9:30 AM	1/8/2014	9:30 AM	Piedmont North Carolina, Piedmont South Carolina	SERC	Fuel Supply Emergency due to Severe Weather - Cold	Unknown	Unknown
1/8/2014	5:00 AM	1/8/2014	6:30 AM	Unknown	RFC	Voltage Reduction due to Severe Weather - Cold	576	Unknown
1/8/2014	6:00 AM	1/8/2014	9:00 AM	South Carolina	SERC	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4,545	677,858
1/13/2014	4:44 PM	1/13/2014	4:45 PM	Arizona	WECC	Physical Attack - Vandalism	N/A	N/A
1/15/2014	2:32 PM	1/15/2014	2:45 PM	Utah	WECC	Physical Attack - Vandalism	Unknown	Unknown
1/16/2014	12:30 PM	1/16/2014	1:57 PM	Arizona	WECC	Physical Attack - Vandalism	N/A	N/A
1/17/2014	12:20 PM	1/17/2014	12:20 PM	Ohio	RFC	Suspected Physical Attack	Unknown	Unknown
1/17/2014	10:30 AM	1/28/2014	9:00 AM	Illinois	RFC	Fuel Supply Emergency - Natural Gas	Unknown	Unknown
1/18/2014	5:39 PM	Unknown	Unknown	Unknown	RFC	Electrical System Islanding	Unknown	Unknown

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Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
1/18/2014	9:00 AM	1/18/2014	9:45 AM	Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
1/21/2014	5:00 PM	Unknown	Unknown	New Jersey	RFC	Physical Attack - Vandalism	Unknown	Unknown
1/21/2014	12:14 PM	1/21/2014	12:39 PM	Missouri	SERC	Physical Attack - Vandalism	10	Unknown
1/22/2014	1:55 PM	1/22/2014	2:55 PM	Wisconsin	MRO	Physical Attack - Vandalism	Unknown	Unknown
1/22/2014	9:45 AM	1/22/2014	8:19 PM	Ohio	RFC	Physical Attack - Vandalism	Unknown	Unknown
1/22/2014	9:15 PM	1/23/2014	3:08 AM	Burlington County, New Jersey	RFC	Suspected Physical Attack	Unknown	Unknown
1/22/2014	12:30 AM	1/22/2014	2:45 AM	Wisconsin	MRO	Physical Attack - Vandalism	Unknown	Unknown
1/23/2014	4:00 AM	1/24/2014	12:00 PM	Tennessee	SERC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/23/2014	9:17 PM	1/24/2014	5:00 PM	Wynoochee, Washington	WECC	Physical Attack - Vandalism	Unknown	Unknown
1/23/2014	1:04 PM	1/24/2014	9:00 AM	Maryland	RFC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/23/2014	4:00 PM	1/24/2014	12:00 PM	Tennessee	SERC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/24/2014	12:00 AM	4/9/2014	11:53 AM	Wisconsin	RFC	Fuel Supply Emergency - Coal	Unknown	Unknown
1/24/2014	3:30 PM	1/24/2014	5:00 PM	Wisconsin	MRO	Physical Attack - Vandalism	Unknown	Unknown
1/25/2014	10:00 AM	1/25/2014	11:00 AM	Madison, Wisconsin	MRO	Physical Attack - Vandalism	Unknown	Unknown
1/26/2014	11:00 PM	Unknown	Unknown	New Jersey	RFC	Physical Attack	Unknown	Unknown
1/26/2014	9:00 PM	1/27/2014	11:00 AM	Oregon	WECC	Physical Attack - Vandalism	N/A	N/A
1/27/2014	2:20 PM	1/28/2014	9:00 PM	Maryland	RFC	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
1/29/2014	4:00 PM	1/29/2014	4:44 PM	Unknown	MRO	Physical Attack - Vandalism	Unknown	Unknown
1/30/2014	3:00 PM	Unknown	Unknown	Arizona	WECC	Physical Attack - Vandalism	Unknown	Unknown
<b>February</b>								
2/5/2014	12:00 AM	2/9/2014	6:00 PM	Maryland, West Virginia	RFC	Severe Weather - Snow/Ice	Unknown	101,580
2/5/2014	1:00 AM	2/9/2014	8:40 PM	Pennsylvania	RFC	Severe Weather - Snow/Ice	Unknown	144,000
2/5/2014	5:00 AM	2/5/2014	5:01 AM	Pennsylvania	RFC	Severe Weather - Snow/Ice	Unknown	715,000
2/5/2014	7:00 AM	2/23/2014	7:00 AM	New York	NPCC	Fuel Supply Emergency - Coal	300	Unknown
2/5/2014	7:35 AM	2/7/2014	4:03 AM	Lancaster Region, Pennsylvania	RFC	Severe Weather - Snow/Ice	Unknown	62,159
2/5/2014	8:05 AM	2/5/2014	8:06 AM	Baltimore, Maryland	RFC	Severe Weather - Ice	800	181,000
2/6/2014	1:00 PM	2/6/2014	10:00 PM	California	WECC	Fuel Supply Emergency - Natural Gas	4,000	Unknown
2/6/2014	1:05 PM	2/6/2014	7:15 PM	Northern California	WECC	Fuel Supply Emergency - Natural Gas	160	Unknown
2/6/2014	1:58 PM	2/6/2014	8:40 PM	Rio Grande Valley Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2/6/2014	2:15 PM	2/6/2014	7:39 PM	California	WECC	Fuel Supply Emergency - Natural Gas	611	Unknown
2/6/2014	3:35 PM	2/7/2014	11:30 AM	ERCOT Region Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	Unknown

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Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
2/7/2014	7:00 AM	3/21/2014	8:00 AM	Niagara County New York	NPCC	Fuel Supply Emergency - Coal	675	Unknown
2/7/2014	4:30 PM	2/8/2014	9:00 AM	ERCOT Region Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2/7/2014	4:50 PM	2/7/2014	8:30 PM	Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2/12/2014	7:48 AM	2/15/2014	4:30 AM	Northern/Northeastern Georgia	SERC	Severe Weather - Snow/Ice	1,246	373,835
2/12/2014	11:03 AM	2/15/2014	8:40 AM	South Carolina	SERC	Severe Weather - Snow/Ice	700	120,124
2/12/2014	12:10 PM	2/15/2014	3:20 PM	North Carolina	SERC	Severe Weather - Snow/Ice	Unknown	200,000
2/12/2014	2:15 PM	2/12/2014	2:16 PM	Vermont	NPCC	Physical Attack - Vandalism	Unknown	Unknown
2/14/2014	1:00 PM	2/14/2014	3:00 PM	Portland, Oregon	WECC	Physical Attack - Vandalism	Unknown	Unknown
2/18/2014	6:43 PM	2/18/2014	6:44 PM	Bend, Oregon	WECC	Physical Attack - Vandalism	N/A	N/A
2/20/2014	4:40 PM	2/21/2014	11:59 PM	Missouri, Illinois	SERC	Severe Weather - Snow/Ice	Unknown	66,000
2/21/2014	2:53 AM	2/21/2014	9:00 PM	Northern/Northeastern Georgia	SERC	Severe Weather - Thunderstorms/High Winds	221	66,445
<b>March</b>								
3/2/2014	7:00 PM	3/4/2014	9:00 AM	ERCOT Region Texas	TRE	Public Appeal due to Severe Weather - Cold	N/A	N/A
3/3/2014	5:25 PM	3/3/2014	5:25 PM	New York	NPCC	Suspected Physical Attack	Unknown	Unknown
3/3/2014	6:40 AM	3/3/2014	3:28 PM	Tennessee	SERC	Severe Weather - Winter Storm	Unknown	65,904
3/3/2014	1:48 AM	3/3/2014	1:49 AM	Mid-Columbia River Generation, Washington	WECC	Fuel Supply Emergency - Hydro	630	Unknown
3/4/2014	9:06 AM	3/17/2014	9:06 AM	Weston, Wisconsin	MRO	Fuel Supply Emergency - Coal	Unknown	Unknown
3/5/2014	5:06 PM	3/5/2014	5:07 PM	Salt Lake City, Utah	WECC	Physical Attack	Unknown	Unknown
3/7/2014	3:30 AM	3/7/2014	9:00 PM	Triad, North Carolina	SERC	Severe Weather - Winter Storm	1500	370,900
3/11/2014	12:00 AM	3/13/2014	12:00 AM	Boone County, Iowa	MRO	Suspected Physical Attack	Unknown	Unknown
3/12/2014	7:35 PM	3/13/2014	12:00 PM	North Carolina	SERC	Severe Weather - High Winds	250	61,377
3/14/2014	12:34 PM	3/14/2014	4:45 PM	Boone County, Iowa	MRO	Physical Attack - Vandalism	Unknown	Unknown
3/17/2014	5:25 PM	3/18/2014	12:56 AM	Glendale, Arizona	WECC	Physical Attack - Sabatoge	N/A	N/A
3/20/2014	12:00 AM	3/20/2014	12:01 AM	New York	NPCC	Suspected Cyber Attack	Unknown	Unknown
3/24/2014	11:07 AM	3/24/2014	11:08 AM	Salt Lake City, Utah	WECC	Physical Attack - Vandalism	N/A	N/A
3/26/2014	4:00 PM	4/10/2014	12:00 PM	Iowa	MRO	Physical Attack	N/A	N/A
3/26/2014	1:37 PM	3/26/2014	2:33 PM	Montana	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
3/31/2014	3:41 PM	3/31/2014	8:08 PM	Puerto Rico	N/A	System Wide Voltage Reduction	Unknown	Unknown
<b>April</b>								
4/3/2014	12:00 AM	Unknown	Unknown	Texas	TRE	Fuel Supply Emergency - Coal	Unknown	Unknown

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Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
4/3/2014	2:45 PM	4/9/2014	11:53 AM	Wisconsin	MRO	Fuel Supply Emergency - Coal	Unknown	Unknown
4/4/2014	3:30 AM	4/4/2014	8:15 AM	Central Arkansas	SERC	Severe Weather - Wind	Unknown	57,200
4/8/2014	1:00 PM	4/8/2014	1:01 PM	Davis, California	WECC	Physical Attack - Vandalism	Unknown	Unknown
4/8/2014	11:09 AM	4/8/2014	11:20 AM	Puerto Rico	N/A	Voltage Reduction	Unknown	Unknown
4/12/2014	6:15 PM	4/14/2014	9:00 AM	Western and Central Michigan	RFC	Severe Weather - Thunderstorms	Unknown	50,000
4/12/2014	8:00 PM	4/15/2014	7:30 PM	Michigan	RFC	Severe Weather	Unknown	164,000
4/23/2014	7:45 PM	4/23/2014	8:37 PM	Baton Rouge, Louisiana	SERC	Load shedding of 100 Megawatts	163	28,000
4/24/2014	3:02 PM	4/24/2014	5:13 PM	Alberta, Canada	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
4/25/2014	7:00 AM	4/25/2014	7:30 AM	Delaware	RFC	Physical Attack - Vandalism	Unknown	Unknown
4/27/2014	9:15 AM	Unknown	Unknown	Alberta, Canada	WECC	Electrical System Separation (Islanding)	9750	4,000,000
4/27/2014	12:07 PM	4/27/2014	12:09 PM	Albany, Oregon	WECC	Physical Attack - Vandalism	Unknown	Unknown
4/29/2014	11:30 PM	4/29/2014	12:30 PM	Mississippi, Alabama	SERC	Severe Weather - Thunderstorms	355	106,648
4/29/2014	9:37 AM	5/1/2014	9:00 AM	Northeastern Mississippi, Northern Alabama	SERC	Severe Weather - Thunderstorms	Unknown	57,000
4/30/2014	3:50 AM	4/30/2014	2:00 PM	Alabama, Florida, Georgia	SERC	Severe Weather - Thunderstorms	296	89,000
<b>May</b>								
5/8/2014	8:39 AM	5/8/2014	8:40 AM	Imperial Valley, California	WECC	Physical Attack	Unknown	Unknown
5/8/2014	1:00 AM	5/8/2014	1:01 AM	Mississippi	SERC	Physical Attack	Unknown	Unknown
5/9/2014	6:00 PM	5/11/2014	1:00 PM	Indiana	RFC	Severe Weather - Heavy Winds	Unknown	56,000
5/11/2014	6:38 PM	5/11/2014	6:39 PM	MISO North, Minnesota	MRO	Physical Attack - Vandalism	Unknown	Unknown
5/12/2014	1:14 PM	5/12/2014	1:15 PM	Layton, Utah	WECC	Physical Attack - Vandalism	Unknown	Unknown
5/14/2014	3:34 PM	Unknown	Unknown	San Diego & Orange Counties, California	WECC	Public Appeal to Reduce Electricity Usage - Wild Fires	N/A	426
5/15/2014	10:43 AM	Unknown	Unknown	San Diego & Orange Counties, California	WECC	Public Appeal to Reduce Electricity Usage - Wild Fires	3,300	1,400,000
5/15/2014	12:10 PM	5/15/2014	12:13 PM	Whiting, Indiana	RFC	Suspected Physical Attack	N/A	N/A
5/16/2014	10:43 AM	5/16/2014	9:00 PM	San Diego & Orange Counties, California	WECC	Public Appeal to Reduce Electricity Usage - Wild Fires	3,900	1,400,000
5/20/2014	7:01 AM	5/20/2014	7:02 AM	Duchesne County, Utah	WECC	Physical Attack - Vandalism	N/A	N/A
5/23/2014	3:00 PM	5/25/2014	7:00 PM	North Carolina	SERC	Physical Attack - Vandalism	Unknown	Unknown
5/26/2014	12:31 PM	5/26/2014	1:18 PM	British Columbia & Alberta, Canada	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
5/27/2014	11:00 AM	5/27/2014	4:53 PM	Phoenix, Arizona	WECC	Physical Attack - Vandalism	N/A	N/A
<b>June</b>								

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Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
6/3/2014	1:38 AM	6/3/2014	1:43 AM	Texas	ERCOT	Physical Attack - Vandalism	Unknown	Unknown
6/3/2014	3:32 PM	6/3/2014	3:59 PM	Alberta, Canada	WECC	Electrical System Islanding	338	N/A
6/5/2014	3:00 AM	6/7/2014	11:45 PM	Shelby County, Tennessee	SERC	Severe Weather - Thunderstorms	494	38,500
6/6/2014	1:00 PM	Unknown	Unknown	Texas	ERCOT	Fuel Supply Emergency - Coal	Unknown	Unknown
6/5/2014	1:06 PM	6/5/2014	1:07 PM	West Tennessee	SERC	Severe Weather - Thunderstorms	Unknown	56,475
6/7/2014	11:00 PM	6/8/2014	5:30 AM	North and Central , Alabama	SERC	Severe Weather - Thunderstorms	217	65,000
6/9/2014	11:07 AM	6/9/2014	11:30 AM	Alberta, Canada	WECC	Electrical System Islanding	Unknown	Unknown
6/11/2014	9:30 AM	6/11/2014	9:31 AM	Nogales, Arizona	WECC	Suspected Physical Attack	N/A	N/A
6/10/2014	9:50 PM	6/11/2014	2:30 PM	West Virginia	RFC	Severe Weather - Thunderstorms	Unknown	66,383
6/11/2014	4:00 PM	6/11/2014	4:30 PM	Southern Mississippi	SERC	Physical Attack - Vandalism	N/A	N/A
6/12/2014	9:10 AM	6/12/2014	9:11 AM	Somervell County, Texas	ERCOT	Suspected Physical Attack	Unknown	Unknown
6/15/2014	12:00 AM	6/15/2014	1:00 AM	Central Minnesota	MRO	Severe Weather - Thunderstorms	Unknown	55,951
6/18/2014	9:52 AM	6/18/2014	7:00 PM	Washington	WECC	Physical Attack - Vandalism	Unknown	Unknown
6/18/2014	5:00 PM	6/20/2014	3:00 PM	Southeast Michigan	RFC	Severe Weather - Thunderstorms	Unknown	138,802
6/19/2014	8:47 AM	6/19/2014	8:48 AM	Nashville, Tennessee	SERC	Physical Attack - Vandalism	Unknown	Unknown
6/24/2014	2:54 PM	6/24/2014	2:55 PM	Nashville, Tennessee	SERC	Physical Attack - Vandalism	Unknown	Unknown
6/27/2014	1:21 PM	Unknown	Unknown	Wisconsin	MRO	Fuel Supply Emergency - Coal	Unknown	Unknown
6/30/2014	5:55 PM	7/1/2014	2:53 AM	Southeast Wisconsin	MRO	Severe Weather - Thunderstorms	424	120,000
6/30/2014	8:00 PM	7/2/2014	6:30 PM	Illinois	RFC	Severe Weather - Thunderstorms	Unknown	420,000
6/30/2014	11:20 PM	7/1/2014	5:00 PM	North Central Indiana	RFC	Severe Weather - Thunderstorms	Unknown	127,000
<b>July</b>								
7/1/2014	5:00 AM	7/2/2014	2:00 AM	Indiana, Michigan	RFC	Severe Weather - Thunderstorms	Unknown	57,237
7/2/2014	8:39 AM	7/28/2014	3:13 PM	Wisconsin	MRO	Fuel Supply Emergency - Coal	Unknown	Unknown
7/1/2014	3:30 AM	Unknown	Unknown	Southwest Michigan	RFC	Severe Weather - Thunderstorms	Unknown	51,000
7/1/2014	4:00 AM	7/3/2014	11:30 PM	Southeast Michigan	RFC	Severe Weather - Thunderstorms	Unknown	140,000
7/3/2014	6:00 PM	7/6/2014	12:00 PM	Pennsylvania	RFC	Severe Weather - Thunderstorms	Unknown	298,165
7/3/2014	10:55 PM	7/4/2014	1:50 AM	Vermont, New Hampshire, Maine, Rhode Island, Massachusetts, Connecticut	NPCC	Severe Weather - Thunderstorms	Unknown	64,000
7/8/2014	8:30 PM	7/11/2014	11:00 PM	Pennsylvania	RFC	Severe Weather - Thunderstorms	Unknown	260,000
7/8/2014	9:31 PM	Unknown	Unknown	Maryland	RFC	Severe Weather - Thunderstorms	Unknown	56,600

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7/8/2014	6:00 PM	7/11/2014	5:53 PM	Eastern Pennsylvania	RFC	Severe Weather - Thunderstorms	Unknown	69,000
7/8/2014	5:30 PM	7/12/2014	11:20 PM	Maryland, West Virginia	RFC	Severe Weather - Thunderstorms	Unknown	96,000
7/8/2014	5:30 PM	7/12/2014	11:30 PM	West Virginia	RFC	Severe Weather - Thunderstorms	Unknown	71,000
7/8/2014	7:21 PM	7/11/2014	7:00 AM	Upstate New York	NPCC	Severe Weather - Thunderstorms	Unknown	65,000
7/8/2014	5:30 PM	7/10/2014	3:00 PM	Central and Northeastern Pennsylvania	RFC	Severe Weather - Thunderstorms	Unknown	66,000
7/14/2014	4:00 PM	7/14/2014	4:15 PM	Washington	WECC	Suspected Physical Attack	Unknown	Unknown
7/23/2014	7:14 PM	7/24/2014	12:23 AM	Arkansas, Louisiana	SERC	Severe Weather - Thunderstorms	Unknown	57,299
7/24/2014	4:29 PM	7/24/2014	11:32 PM	California	WECC	Load shedding of 100 Megawatts	126	26,856
7/27/2014	5:00 PM	7/28/2014	11:00 PM	Southeast Michigan	RFC	Severe Weather - Thunderstorms	Unknown	156,611
7/27/2014	11:00 PM	7/28/2014	4:00 AM	Central California	WECC	Uncontrolled Loss of 300 Megawatts	480	1
<b>August</b>								
8/1/2014	3:03 PM	8/1/2014	3:04 PM	Utah	WECC	Physical Attack	Unknown	Unknown
8/13/2014	6:08 AM	8/13/2014	6:34 AM	Alberta, Canada	WECC	Electrical System Separation (Islanding)	370	Unknown
8/20/2014	1:21 AM	8/20/2014	1:41 AM	Alberta, Canada	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
8/23/2014	4:39 PM	8/24/2014	1:46 AM	City of Highland, Illinois	RFC	Operational Failure of Electrical System	31	6,549
8/24/2014	3:20 AM	8/25/2014	7:05 AM	North of San Francisco, California	WECC	Earthquake	95	70,000
8/26/2014	3:30 PM	Unknown	Unknown	Southeast Michigan	RFC	Severe Weather - Thunderstorms	Unknown	Unknown
8/27/2014	12:49 PM	8/27/2014	1:30 PM	Delaware	RFC	Suspected Physical Attack	Unknown	Unknown
8/30/2014	3:30 PM	9/1/2014	2:30 PM	Luzerne County, Pennsylvania	RFC	Suspected Physical Attack	Unknown	Unknown
<b>September</b>								
9/5/2014	8:00 PM	Unknown	Unknown	Michigan	RFC	Severe Weather - Thunderstorms	Unknown	324,000
9/5/2014	4:30 PM	9/6/2014	2:00 PM	Illinois	RFC	Severe Weather - Thunderstorms	Unknown	180,400
9/5/2014	7:14 PM	9/6/2014	1:00 PM	Lower Peninsula of Michigan	RFC	Severe Weather - Thunderstorms	50	60,000
9/9/2014	8:18 AM	9/9/2014	11:59 PM	Alberta, Canada	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
9/11/2014	4:56 AM	9/11/2014	5:37 AM	Alberta, Canada	WECC	Electrical System Separation (Islanding)	Unknown	Unknown
9/14/2014	9:50 PM	9/17/2014	3:08 PM	Oregon	WECC	Electrical System Separation (Islanding)	1	123
9/16/2014	11:56 AM	9/16/2014	11:57 AM	California	WECC	Physical Attack - Vandalism	Unknown	Unknown
9/17/2014	1:30 PM	9/17/2014	2:00 PM	Michigan	RFC	Suspected Physical Attack - Suspicious Activity	Unknown	Unknown
9/19/2014	2:20 PM	9/23/2014	1:10 PM	Estacada, Oregon	WECC	Electrical System Separation (Islanding)	1	123
9/22/2014	11:00 AM	9/22/2014	11:01 AM	Northeast Minnesota	MRO	Fuel Supply Emergency - Coal	1,000	140,000

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9/23/2014	1:13 AM	9/23/2014	3:00 AM	New York	NPCC	Physical Attack - Suspicious Activity	N/A	N/A
9/21/2014	1:30 PM	Unknown	Unknown	New York	NPCC	Physical Attack - Suspicious Activity	Unknown	Unknown
9/24/2014	11:30 AM	9/24/2014	3:43 PM	Washington	WECC	Physical Attack - Vandalism	Unknown	Unknown
<b>October</b>								
10/2/2014	3:00 PM	10/2/2014	3:01 PM	Cave Junction, Oregon	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/2/2014	10:15 PM	Unknown	Unknown	Arkansas	SERC	Severe Weather - Thunderstorms	Unknown	67,300
10/2/2014	4:00 PM	10/7/2014	10:00 AM	Texas	TRE	Severe Weather - Thunderstorms	Unknown	500,000
10/6/2014	10:52 AM	10/7/2014	12:52 AM	Houston, Texas	TRE	Severe Weather - Thunderstorms	292	129,237
10/7/2014	12:00 PM	10/7/2014	12:01 PM	Maryland	RFC	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/8/2014	4:47 PM	10/8/2014	6:29 PM	Rio Grande Valley Texas	TRE	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	Unknown	Unknown
10/8/2014	4:49 PM	10/8/2014	6:23 PM	Rio Grande Valley Texas	TRE	Public Appeal to Reduce Electricity Usage; Load Shed of 100 MW	585	120,000
10/9/2014	9:27 AM	Unknown	Unknown	Rio Grande Valley Texas	TRE	Public Appeal to Reduce Electricity Usage	Unknown	2,800
10/13/2014	12:45 PM	10/13/2014	4:15 PM	Louisiana	SERC	Severe Weather - Thunderstorms	Unknown	68,600
10/14/2014	7:33 AM	10/14/2014	7:34 AM	Oregon	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/14/2014	6:20 PM	10/14/2014	6:28 PM	Puerto Rico	N/A	Voltage Reduction	Unknown	Unknown
10/14/2014	5:44 AM	10/14/2014	5:50 PM	Alabama, Florida, Georgia	SERC	Severe Weather - Thunderstorms	191	57,475
10/15/2014	7:46 AM	10/15/2014	7:47 AM	Oregon	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/16/2014	9:12 AM	10/17/2014	3:00 PM	Garden City, Kansas	MRO	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/16/2014	1:25 PM	10/16/2014	5:26 PM	Manitoba	MRO	Suspected Physical Attack	129	Unknown
10/20/2014	12:00 AM	Unknown	Unknown	Howard County, Texas	MRO	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/21/2014	8:25 AM	10/21/2014	10:08 AM	Carmel, Indiana	MRO	Suspected Cyber Attack	Unknown	Unknown
10/22/2014	10:46 PM	10/22/2014	10:47 PM	New Hampshire, Maine, Massachusetts, Rhode Island, Connecticut, Vermont	NPCC	Severe Weather	Unknown	66,650
10/24/2014	6:16 PM	10/25/2014	1:51 PM	Enfield, Connecticut	NPCC	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/24/2014	4:00 PM	10/24/2014	5:50 PM	Howard County, Texas	MRO	Suspected Physical Attack - Vandalism	Unknown	Unknown
10/25/2014	4:00 PM	10/25/2014	10:00 PM	Greater Portland and Salem, Oregon	WECC	Severe Weather - Wind	216	78,000
10/25/2014	6:00 PM	Unknown	Unknown	King County, Thurston County and Kitsan County, Washington	WECC	Severe Weather - Wind	154	96,000
<b>November</b>								
11/1/2014	1:00 AM	11/1/2014	1:01 AM	Portland, Oregon	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown

### OE-417 Electric Emergency and Disturbance (OE-417) Events, 2014<sup>1</sup>

Date Event Began	Time Event Began	Date of Restoration	Time of Restoration	Area Affected	NERC Region	Event Type	Demand Loss (MW)	Number of Customers Affected
11/2/2014	1:46 PM	Unknown	Unknown	Massachusetts, Maine, Vermont, New Hampshire, Rhode Island, Connecticut	NPCC	Severe Weather - Winter Storm	Unknown	63,719
11/11/2014	6:00 PM	11/14/2014	3:00 PM	Washington	WECC	Severe Weather - Wind	132	68,000
11/12/2014	2:59 AM	11/12/2014	3:00 AM	Unknown	SERC	Suspected Physical Attack - Vandalism	Unknown	Unknown
11/13/2014	7:07 AM	11/13/2014	7:08 AM	Howard County, Texas	MRO	Suspected Physical Attack - Vandalism	Unknown	Unknown
11/14/2014	9:50 AM	11/14/2014	1:18 PM	Estacada, Oregon	WECC	Electrical System Islanding	1	123
11/19/2014	2:44 PM	11/19/2014	2:45 PM	Victorville, California	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
11/21/2014	8:29 PM	11/23/2014	12:16 AM	Twin Falls, Idaho	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
11/21/2014	11:26 AM	11/23/2014	5:20 PM	Sand Springs - Fort Rock, Oregon	WECC	Suspected Physical Attack - Vandalism	Unknown	Unknown
11/24/2014	12:00 AM	Unknown	Unknown	Nebraska, Kansas, Texas, Arkansas, Louisiana, New Mexico	SPP	Fuel Supply Emergency - Coal	Unknown	Unknown
11/24/2014	12:00 PM	11/27/2014	1:00 PM	Michigan	RFC	Severe Weather - Wind	Unknown	186,154
11/26/2014	5:50 PM	11/28/2014	7:00 AM	New Hampshire, Massachusetts, Maine, Rhode Island, Connecticut, Vermont	NPCC	Severe Weather - Winter Storm	Unknown	79,530
<b>December</b>								
12/1/2014	10:44 AM	12/1/2014	10:45 AM	Fayetteville, North Carolina	SERC	Suspected Physical Attack - Vandalism	Unknown	Unknown
12/3/2014	12:15 PM	12/3/2014	12:16 PM	Maine	NPCC	Suspected Physical Attack - Vandalism	Unknown	Unknown
12/11/2014	6:40 AM	Unknown	Unknown	Northern California	WECC	Severe Weather- High Winds	Unknown	Unknown
12/11/2014	7:21 AM	12/11/2014	9:53 PM	San Francisco, California	WECC	Distribution Interruption - Unknown Cause	225	75,000
12/11/2014	11:15 PM	Unknown	Unknown	Northern California	WECC	Severe Weather- High Winds	Unknown	Unknown
12/11/2014	4:05 PM	12/11/2014	9:00 PM	Portland, Oregon	WECC	Severe Weather- High Winds	250	85,470
12/11/2014	5:00 PM	12/12/2014	10:00 AM	Kitsap, Thurston, Whatcom counties Washington	WECC	Severe Weather- High Winds	116	264,000
12/17/2014	11:00 AM	12/17/2014	12:15 PM	Washington	WECC	Suspected Physical Attack	Unknown	Unknown
12/30/2014	3:50 PM	12/31/2014	11:00 AM	New Hampshire, Massachusetts, Maine, Rhode Island, Connecticut, Vermont	NPCC	Suspected Cyber Attack	Unknown	Unknown
12/30/2014	1:08 PM	1/1/2015	4:50 PM	Northern California	WECC	Severe Weather- High Winds	127	84,500

<sup>1</sup> Source: Submissions of all Electric Emergency Incident and Disturbance Reports (OE-417), <http://www.oe.netl.doe.gov/oe417.aspx>

<sup>2</sup> This event was incorrectly listed as occurring in April 2014 in previous postings. It has been corrected in this release.