

Report No.: DOE/EIA-0226 (2010/03)
 Data for: December 2009
 Report Released: March 15, 2010
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Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2008

Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
January							
1/4/2008	WECC	4:00 a.m.	Northern California	Winter Storm	500	2,606,931	5:00 p.m. January 14
1/4/2008	WECC	7:47 a.m.	Sacramento County	Severe Storm	300	150,000	4:30 p.m. January 04
1/29/2008	WECC	5:00 a.m.	San Francisco Bay Area, California	Exciter Faulted	N/A		- 12:17 p.m. January 29
1/29/2008	SERC	4:00 p.m.	Arkansas, Mississippi, North Louisiana	Severe Thunderstorms	N/A	110,000	8:00 a.m. February 03
1/29/2008	RFC	10:00 p.m.	Southeastern Michigan	Wind/Ice Storm	N/A	86,915	6:30 p.m. February 01
1/29/2008	RFC	11:23 p.m.	South Metropolitan Areas of Dayton, OHio	High Winds	380	45,000	12:48 a.m. January 30
1/30/2008	NPCC	3:06 a.m.	Western, New York	High Winds	50	54,316	2:50 p.m. February 01
February							
2/1/2008	WECC	6:00 a.m.	San Francisco Bay Area, California	Equipment Faulted	N/A		- 7:49 a.m. February 01
2/2/2008	WECC	3:58 a.m.	San Francisco Bay Area, California	Equipment Faulted	N/A		- 4:27 p.m. February 02
2/5/2008	SERC	10:00 p.m.	State of Kentucky	Severe Weather	N/A	76,000	3:00 a.m. February 06
2/6/2008	SERC	9:00 a.m.	Mid to West Tennessee	Severe Weather	N/A	57,000	11:00 a.m. February 06
2/9/2008	WECC	11:59 a.m.	Near Arnold, California	Electrical System Separation	0	0	3:33 p.m. February 09
2/10/2008	RFC	4:00 a.m.	Southwestern Pennsylvania, West Virginia, Virginia, Maryland	Severe Weather	412	100,969	8:43 p.m. February 12
2/10/2008	RFC	11:00 a.m.	Virginia, West Virginia, Ohio, Pennsylvania	High Winds	N/A	212,560	11:36 p.m. February 10
2/10/2008	RFC	11:00 a.m.	Virginia and West Virginia Area of AEP	High Winds	N/A	97,342	5:05 p.m. February 14
2/10/2008	SERC	2:06 p.m.	Dominion Service Territory	High Winds	170	114,618	11:36 p.m. February 10
2/10/2008	SERC	6:02 p.m.	Greenboro, North Carolina and I-40 Corridor	High Winds	300	50,718	4:00 a.m. February 11

2/12/2008	SERC	3:00 p.m.	Arkansas, Mississippi, Louisiana	Severe Weather	N/A	54,000	5:00 p.m. February 15
2/13/2008	NPCC	6:43 p.m.	State of Maine	Ice Storm	50	50,462	12:00 p.m. February 14
2/14/2008	WECC	8:15 a.m.	Utah	Load Shedding	2,818	74,031	10:46 a.m. February 14
2/15/2008	WECC	3:06 p.m.	Antioch, California	Electrical System Separation	10	10,008	7:36 p.m. February 15
2/25/2008	RFCC	8:00 a.m.	Restricted Coal Capability	Fuel Supply Deficiency	N/A	0	8:00 a.m. March 12
2/26/2008	SERC	5:00 a.m.	Southern Service Area/Alabama and Georgia	Thunderstorms	484	145,380	3:00 p.m. February 26
2/26/2008	FRCC	1:09 p.m.	Various Cities in Florida	Under Frequency/Load Shedding	140	47,661	2:10 p.m. February 26
2/26/2008	FRCC	1:09 p.m.	Tampa Electric Service Territory	Under Frequency/Load Shedding	318	53,965	2:40 p.m. February 26
2/26/2008	FRCC	1:09 p.m.	Primary Dade County Florida	Transmission Equipment Failure	3,200	584,384	4:11 p.m. February 26
2/26/2008	FRCC	1:09 p.m.	FRCC Region-West Coast Florida	Shed Firm Load	120	56,000	1:47 p.m. February 26
2/26/2008	FRCC	1:10 p.m.	The entire PEF system was affected, including the following counties: Alachua, Bay, Citrus, Columbia, Dixie, Franklin, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Levy, Madison, Marion, Orange, Osecola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia, Wakulla.	Under Frequency/Load Shedding	500	150,000	3:45 p.m. February 26

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2008

Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
March							
3/4/2008	SERC	9:30 p.m.	North and South Carolina	Thunderstorms	300	55,267	10:45 p.m. March 04

3/8/2008	SERC	2:14 p.m.	Virginia and Eastern Part of North Carolina	Windstorm	210	141,130 9:59 p.m. March 08
3/8/2008	RFC	4:00 p.m.	Chester, Montgomery, Delaware, Philadelphia and Bucks County, Pennsylvania	Severe Weather	N/A	168,449 1:44 p.m. March 10
3/15/2008	SERC	8:55 p.m.	Parts of Alabama and Georgia	Major Storm	200	157,744 8:30 p.m. March 16

April

4/4/2008	SERC	12:31 p.m.	Arkansas, North Louisiana, Mississippi	Severe Thunderstorms	N/A	122,600 5:00 p.m. April 04
4/9/2008	TRE	4:00 p.m.	North, Central and East Texas	Severe Weather	N/A	488,689 1:15 a.m. April 13

May

5/8/2008	WECC	10:21 a.m.	California	Load Shedding	483	0 12:56 a.m. May 08
5/11/2008	SERC	6:00 a.m.	Georgia	Severe Thunderstorms	100	80,539 2:30 p.m. May 12
5/11/2008	RFC	4:50 p.m.	City of Crawfordsville, Indiana	Electric System Separation	47	9,700 8:43 p.m. May 11
5/12/2008	RFC	12:01 a.m.	Cape May, Cumberland, Gloucester, Salem, Camden, Atlantic, Burlington Counties, New Jersey	Severe Storm	55	135,000 12:00 a.m. May 14
5/27/2008	NPCC	2:02 p.m.	South West Connecticut	Lightning Storm	130	56,400 3:52 p.m. May 27
5/30/2008	RFC	9:30 a.m.	Northern and Western Counties of Illinois	Severe Storms	N/A	109,000 11:00 p.m. May 30
5/30/2008	SERC	2:05 p.m.	South Louisiana	Load Shedding, Inadequate Electric Resources to Serve Load	200-250	N/A 8:00 p.m. May 30
5/30/2008	RFC	10:00 p.m.	Northeastern Marion County, Indiana	Severe Thunderstorms	N/A	70,000 11:59 p.m. June 04

June

6/3/2008	RFC	5:00 p.m.	Maryland, West Virginia, Virginia	Severe Weather	634	157,168 11:00 p.m. June 07
6/4/2008	RFC	3:00 p.m.	Montgomery, Prince Georges, Maryland, Washington, D.C.	Lightning Storm	N/A	249,408 1:00 a.m. June 05
6/4/2008	RFC	3:00 p.m.	Entire BGE Service Territory	Severe Storms	N/A	108,000 5:30 a.m. June 07
6/4/2008	SERC	3:04 p.m.	Northern Virginia	Thunderstorms	850	253,800 9:30 p.m. June 05
6/4/2008	PR	3:14 p.m.	Island of Puerto Rico	Load Shedding/Voltage Reduction	90	100,948 3:46 p.m. June 04
6/6/2008	RFC	3:18 p.m.	Lower 2/3 of Michigan's Lower Peninsula	Lightning Storm	100	358,000 8:00 a.m. June 12

6/8/2008	RFC	9:30 a.m.	The Entire ComEd Territory	Severe Weather	N/A	125,000	7:00 a.m. June 09
6/8/2008	RFC	6:00 p.m.	Southwestern Michigan (DECO Service Territory)	Severe Storm	500	150,000	11:30 p.m. June 16
6/9/2008	SERC	2:00 p.m.	Entergy System	Inadequate Electric Resources to Serve Load	300	19	7:00 p.m. June 09
6/9/2008	RFC	2:52 p.m.	Area Around West Orange Switching Station, New Jersey	Fire/Breaker Failure	215	75,654	8:25 p.m. June 09
6/10/2008	NPCC	11:00 a.m.	Upstate New York	Severe Storm	400	68,000	5:30 p.m. June 13
6/10/2008	SERC	2:00 p.m.	Entergy System	Inadequate Electric Resources to Serve Load	300	19	6:00 p.m. June 10
6/10/2008	RFC	6:00 p.m.	Bergen, Essex and Hudson Counties, New Jersey	Severe Storms	N/A	248,800	11:30 a.m. June 14
6/10/2008	RFC	7:00 p.m.	Chester, Montgomery, Delaware, Philadelphia and Bucks County, Pennsylvania	Severe Thunderstorms	N/A	198,000	3:59 p.m. June 14
6/10/2008	NPCC	11:00 p.m.	All Six New England States	Storm	50	60,000	9:00 a.m. June 11
6/11/2008	NPCC	1:15 p.m.	New York State	Uncontrolled Loss	200	61,000	2:05 p.m. June 11

Table B.2. Major Disturbances and Unusual Occurrences, Year-to-Date through December 2008

Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
6/12/2008	RFC	3:30 p.m.	East Central Iowa	Flooding and Uncontrolled Loss	200	21,000	4:00 p.m. June 18
6/15/2008	RFC	8:00 a.m.	The Entire ComEd Territory	Severe Weather	N/A	165,000	8:00 p.m. June 15
6/15/2008	RFC	7:06 p.m.	City of Crawfordsville, Indiana	Electrical System Separation	57	9,700	8:42 p.m. June 15
6/16/2008	SERC	4:15 p.m.	Northern Virginia	Thunderstorms	800-1,000	115,000	11:19 p.m. June 16
6/17/2008	TRE	9:01 a.m.	North, Central and East Texas	Severe Thunderstorms	N/A	234,393	8:30 p.m. June 19
6/17/2008	SPP	8:35 p.m.	Southwestern Public Service Company Operating in the Panhandle of Texas and New Mexico	Electrical System Separation/Severe Thunderstorms	560	18,000	1:55 a.m. June 18

6/17/2008	TRE	8:40 p.m.	Texas Panhandle and Texas South Plains Regions, and Oklahoma Panhandle	Thunderstorms/Uncontrolled Loss of Load	276	37,330 11:00 p.m. June 17
6/21/2008	WECC	3:09 p.m.	Near Rogers Flat, California	Electrical System Separation/Severe Lightning Storms	3	477 6:53 p.m. June 21
6/22/2008	RFC	4:55 p.m.	Northwest Indiana	Lightning Strike/Uncontrolled Loss of Load	650	N/A 5:05 p.m. June 22
6/23/2008	RFC	1:44 p.m.	Northcentral Indiana	Fire/Breaker Failure	425	N/A 1:45 p.m. June 23
6/23/2008	FRCC	4:52 p.m.	Pinellas County, Florida	Transmission Equipment Failure/Load Shedding	113	32,593 11:28 p.m. June 23
6/26/2008	RFC	5:00 p.m.	Southeastern Michigan (DTE Service Territory)	Thunderstorms	N/A	53,000 9:30 p.m. June 26
6/27/2008	MRO	4:30 p.m.	Omaha, Nebraska (Metro Area)	Severe Wind Storm	650	126,000 5:30 p.m. June 27

July

7/1/2008	WECC	7:31 a.m.	San Francisco Bay Area, California	Unit Tripped	160	- 12:00 p.m. July 01
7/2/2008	RFC	3:00 p.m.	Lower 2/3 of Michigan's Lower Peninsula	Severe Weather	125	239,663 12:00 p.m. July 06
7/2/2008	WECC	4:00 p.m.	Restricted Hydroelectric Capability	Fuel Supply Deficiency	-	- Ongoing
7/2/2008	WECC	7:16 p.m.	Santa Barbara County, California, near Goleta	Wild Land Fire	208	200,000 11:28 p.m. July 02
7/2/2008	WECC	7:36 p.m.	Goleta and Santa Barbara Areas of Southern California	Brush Fire/Lines Loss/Transmission Emergency Declared	119	37,784 1:10 a.m. July 03
7/2/2008	RFC	8:00 p.m.	Southeastern Michigan (DTE Service Territory)	Thunderstorms	N/A	56,000 3:00 a.m. July 03
7/7/2008	WECC	12:15 p.m.	ISO Balancing Area	Heat Wave/Potential Fire Threat/Made Public Appeals	0	0 5:00 p.m. July 10
7/10/2008	WECC	2:22 p.m.	San Francisco Bay Area, California	Unit Tripped	240	- 5:21 p.m. July 10
7/21/2008	MRO	12:49 a.m.	Sioux City, Carroll, Des Moines, Iowa City, and Davenport Iowa, Rock Island, Moline, and Surrounding Area of Illinois	Storm	170	185,000 6:00 p.m. July 22

7/22/2008	RFC	3:00 a.m.	Indiana	Severe Thunderstorms	N/A	58,000	7:32 p.m. July 24
7/22/2008	RFC	3:00 a.m.	Southwest Ohio	Severe Thunderstorms	N/A	56,000	3:30 a.m. July 23
7/22/2008	SPP	2:00 p.m.	Texas Panhandle and Southeastern New Mexico	Inadequate Electric Resources to Serve Load/Public Appeal	N/A		- 5:09 a.m. July 24
7/23/2008	TRE	5:56 a.m.	Port Isabel, Harlingen, Weslaco, Pharr, San Benito, Mission, McAllen, Edinburg, Texas	Hurricane Dolly	703	211,266	4:00 a.m. July 31

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Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
7/24/2008	NPCC	7:23 a.m.	Bangor Hydro System, northern Maine	Electric System Separation/Severe Lightning Storms	180	110,000	5:41 p.m. July 24
August							
8/2/2008	SERC	8:00 p.m.	Georgia and Alabama	Severe Thunderstorms	400	131,115	5:30 a.m. August 03
8/3/2008	SERC	1:30 a.m.	Mississippi, Louisiana, Texas	Severe Thunderstorms	N/A	59,500	4:15 a.m. August 03
8/4/2008	RFC	6:00 p.m.	The ComEd Territory	Severe Weather	N/A	653,000	8:00 a.m. August 06
8/5/2008	RFC	3:00 a.m.	Northwest Indiana	Severe Storms	0	63,000	9:50 a.m. August 05
8/9/2008	SPP	12:00 p.m.	Texas Panhandle and Eastern New Mexico	Declared Energy Emergency Alert 1/Made Public Appeals	0	0	8:46 p.m. August 09
8/15/2008	WECC	12:52 p.m.	Part of Seattle's Downtown	Made Public Appeals	100	8,000	5:00 p.m. August 15
8/16/2008	TRE	5:23 a.m.	City of Lubbock	Lightning/Transmission Equipment Damage	153	71,823	7:30 a.m. August 16
8/16/2008	PR	8:14 a.m.	Island of Puerto Rico	Shed Firm Load/Voltage Reduction	300	200,000	3:00 p.m. August 16
8/18/2008	PR	7:22 p.m.	North Part of Island	Shed Firm Load	225	100,000	6:44 p.m. August 19
8/19/2008	FRCC	9:29 a.m.	Florida	Tropical Storm Fay	N/A	101,950	10:00 p.m. August 22

8/21/2008	FRCC	7:00 p.m.	Alachua, Bay, Brevard, Citrus, Columbia, Dixie, Flagler, Franklin, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highlands, Jefferson, Lafayette, Lake, Leon, Levy, Madison, Marion, Orange, Osceola, Pasco, Pinellas, Polk, Seminole, Sumter, Suwannee, Taylor, Volusia and Wakulla Counties in Florida	Tropical Storm Fay	N/A	430,000 8:00 a.m. August 25
8/22/2008	RFC	12:00 p.m.	-	Fuel Supply Emergency-Low Coal Inventory Levels	0	0 12:00 p.m. August 23
8/24/2008	SERC	4:30 a.m.	Georgia and Alabama	Tropical Storm Fay	110	87,390 2:00 p.m. August 24
8/31/2008	SERC	7:30 a.m.	Plaquemine, Louisiana	Fuel Supply Curtailed	200	0 9:00 a.m. September 19
8/31/2008	SERC	7:00 p.m.	Louisiana, Mississippi, Arkansas	Hurricane Gustav	N/A	964,000 9:00 a.m. September 03
September						
9/1/2008	SERC	10:30 a.m.	Primarily South and Central Louisiana	Hurricane Gustav	400	150,000 7:22 p.m. September 13
9/1/2008	SERC	11:45 a.m.	Bayou Division and North Lake Division, Louisiana	Hurricane Gustav	N/A	246,092 4:00 p.m. September 10
9/6/2008	SERC	7:45 a.m.	Eastern North Carolina	Tropical Storm Hanna	N/A	57,000 10:30 a.m. September 06
9/6/2008	SERC	2:15 p.m.	North East North Carolina and Virginia	Tropical Storm Hanna	220	64,463 4:06 p.m. September 06
9/8/2008	WECC	10:03 p.m.	A.D. Edmonston Pumping Plant	Fuel Supply Deficiency	300	0 12:28 a.m. September 09
9/12/2008	SERC	5:45 a.m.	Primarily Southeast Texas, Louisiana, and Arkansas	Hurricane Ike	N/A	705,000 1:00 p.m. September 14
9/12/2008	TRE	6:21 p.m.	Greater Houston-Galveston Metro Area	Hurricane Ike	8,087	2,142,678 11:59 p.m. October 01
9/12/2008	TRE	6:21 p.m.	Greater Houston Area-Eastern Region of ERCOT	Hurricane Ike	N/A	2,504,366 11:59 p.m. October 01
9/12/2008	TRE	8:00 p.m.	Galveston and Brazoria Counties	Hurricane Ike	650	113,247 7:00 p.m. September 27
9/13/2008	SERC	10:24 a.m.	Southwest Louisiana	Hurricane Ike	40	50,000 2:40 p.m. September 27

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Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected ¹	Restoration Date/Time
9/13/2008	TRE	12:00 p.m.	North, Central and East Texas	Hurricane Ike	N/A	238,392	8:00 a.m. September 15
9/13/2008	SPP	4:00 p.m.	Texas and Louisiana	Hurricane Ike	N/A	184,501	7:44 p.m. September 16
9/14/2008	RFC	6:30 a.m.	Ohio, Kentucky, Indiana	Tropical Depression Ike	N/A	875,000	2:38 p.m. September 14
9/14/2008	MRO	7:30 a.m.	Missouri and Illinois	Hurricane Ike	N/A	107,000	3:00 p.m. September 18
9/14/2008	RFC	10:01 a.m.	City of Owensboro, Kentucky	High Winds	70	18,000	5:00 p.m. September 21
9/14/2008	RFC	11:30 a.m.	State of Kentucky	Tropical Depression Ike	N/A	375,000	4:30 p.m. September 14
9/14/2008	RFC	2:00 p.m.	Dayton Ohio Area	Hurricane Ike	1,000	95,000	12:00 p.m. September 17
9/14/2008	RFC	4:00 p.m.	Northern Indiana, Central and Central Southern Ohio	Wind Storm	N/A	650,000	11:00 p.m. September 20
9/14/2008	RFC	5:00 p.m.	Western Pennsylvania	Wind Storm	72	124,596	12:38 p.m. September 19
9/14/2008	RFC	5:00 p.m.	Southern, Eastern, and Central Ohio	Wind Storm	469	564,728	5:11 p.m. September 22
9/14/2008	RFC	5:00 p.m.	Northeast Ohio	Wind Storm	430	245,164	3:20 a.m. September 22
9/14/2008	RFC	7:00 p.m.	Allegheny and Beaver Counties in Pennsylvania	Tropical Depression Ike	600	105,000	11:59 p.m. September 14
9/15/2008	RFC	12:37 a.m.	Western Pennsylvania	Tropical Depression Ike	546	160,875	4:30 p.m. September 19
9/22/2008	PR	5:49 p.m.	Island of Puerto Rico	Shed Firm Load	125	43,600	6:39 a.m. September 22
9/30/2008	WECC	2:02 p.m.	Plumas County, California	Electrical System Separation	30	10,000	2:05 p.m. September 30
October							
10/2/2008	SERC	2:50 p.m.	Louisiana	Load Shedding	200	0	9:50 a.m. October 02
10/25/2008	NPCC	11:00 p.m.	Connecticut	Severe Storm	N/A	52,000	7:00 a.m. October 27
November							
11/7/2008	WECC	11:13 a.m.	Goleta and Santa Barbara Areas of Southern California	Load Shedding	250	140,000	11:54 a.m. November 07
11/7/2008	WECC	11:15 a.m.	Southern California	Load Shedding	430	400,000	11:54 a.m. November 07
11/11/2008	PR	8:30 a.m.	Island of Puerto Rico	Shed Firm Load	250	261,000	12:19 a.m. November 11
11/15/2008	WECC	9:39 a.m.	City of Los Angeles	Brush Fire/Shed Firm Load	211	115,500	10:10 a.m. November 15
December							
12/2/2008	Midwest ISO (RFC)	4:30 a.m.	St. Louis, Missouri	Fire/Load Shedding	135	53,000	7:00 a.m. December 02

12/9/2008	RFC	5:27 p.m.	Central New Jersey	Lines Loss/Transmission	438	156,729	4:12 a.m. December 10
12/10/2008	WECC	5:09 p.m.	Southern Oregon	Equipment Failure/Made Public Appeal	32	3	8:29 p.m. December 10
12/11/2008	SERC	9:00 a.m.	Southern Louisiana, Southern and Central Mississippi	Snow Storm	N/A	91,300	11:59 p.m. December 13
12/11/2008	NPCC	6:00 p.m.	Northern Dutchess County and Western Ulster County in the Mid-Hudson Region of New York State	Ice Storm	N/A	60,000	12:00 a.m. December 15
12/12/2008	NPCC	1:00 a.m.	New England	Ice Storm	N/A	970,000	12:00 a.m. December 22
12/12/2008	NPCC	2:38 a.m.	Eastern New York	Ice Storm	200	190,000	1:24 p.m. December 19
12/12/2008	NPCC	8:45 a.m.	Southern and Central Maine	Ice Storm	N/A	169,757	9:52 a.m. December 14
12/13/2008	WECC	3:30 p.m.	Humboldt Area of California	Declared Stage 1 Electric Emergency/Made Public Appeal	5	0	9:17 a.m. December 21
12/19/2008	WECC	1:02 a.m.	East of Oroville, California	Electrical System Separation	1	638	6:17 a.m. December 19
12/19/2008	RFC	8:30 a.m.	Indiana, Michigan and Northwest Ohio	Ice Storm	N/A	140,000	12:00 p.m. December 22
12/19/2008	RFC	9:00 a.m.	Northwest Indiana	Ice Storm	N/A	50,000	8:20 a.m. December 20
12/26/2008	WECC	11:40 a.m.	Orangevale Area of Sacramento, California	Load Shedding	110	50,000	3:34 p.m. December 26

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Date	NERC Region	Time	Area Affected	Type of Disturbance	Loss (megawatts)	Customers Affected [1]	Restoration Date/Time
12/26/2008	HI	6:13 p.m.	Island of Oahu, Hawaii	Lightning	1,060	294,000	5:00 p.m. December 27
12/27/2008	RFC	4:00 p.m.	Southeastern Michigan	Wind Storm	N/A	247,847	11:30 p.m. January 01
12/28/2008	RFC	4:45 a.m.	Michigan Lower Peninsula	Wind Storm	N/A	210,517	6:00 p.m. December 31
12/28/2008	RFC	11:45 a.m.	Michigan Lower Peninsula	Wind Storm	N/A	230,000	11:30 p.m. December 28
12/30/2008	RFC	4:02 p.m.	Crawfordsville, Indiana	Shed Firm Load	41	9,700	4:37 p.m. December 30

[1] Estimated values.

Note: Estimates for 2008 are preliminary.

Source: Form OE-417, "Electric Emergency Incident and Disturbance Report."

