

| Facility | Location | Owner/Operator | Weather Event | Date of Event** | Impact | Duration of Impact | Rated Electrical Output (MW) |
|------------------------|----------------------|------------------------------------|-------------------------------|-----------------|-----------------|-----------------------------------|------------------------------|
| Braidwood 2 | Braceville, IL | Exelon | Severe Weather | 08/23/2007 | Scram | 1 day | 1160 |
| Arkansas Nuclear One 1 | London, AR | Entergy Nuclear Operations | Tornado | 02/06/2008 | Power Reduction | 19 days | 836 |
| Arkansas Nuclear One 2 | London, AR | Entergy Nuclear Operations | Tornado | 02/06/2008 | Power Reduction | 15 days | 993 |
| Saint Lucie 1 | Jensen Beach, FL | Florida Power & Light | Flooding | 08/21/2008 | Scram | 4 days | 982 |
| River Bend | St. Francisville, LA | Entergy Nuclear Operations | Hurricane | 09/01/2008 | Shutdown | 24 day | 967 |
| Waterford | Killona, LA | Entergy Nuclear Operations | Hurricane | 09/01/2008 | Shutdown | 10 days | 1168 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | Winter Storm | 12/19/2008 | Scram | 3 days | 677 |
| Salem 2 | Hancock's Bridge, NJ | PSEG Nuclear | Cold/Icing | 01/03/2010 | Scram | 1 day | 1158 |
| Palo Verde 1 | Wintersburg, AZ | Arizona Public Service Co. | Severe Weather | 03/07/2010 | Scram | 3 days | 1311 |
| Fermi | Newport, MI | DTE Electric Co | Tornado | 06/06/2010 | Scram | 9 days | 1122 |
| Turkey Point 3 | Homestead, FL | Florida Power & Light | Severe Weather | 09/23/2010 | Scram | 2 days | 802 |
| LaSalle 1 | Marselles, IL | Exelon | Winter Storm | 02/01/2011 | Scram | 8 days | 1137 |
| Surry 1 | Surry, VA | Dominion Generation | Tornado | 04/16/2011 | Scram | 6 days | 838 |
| Surry 2 | Surry, VA | Dominion Generation | Tornado | 04/16/2011 | Scram | 6 days | 838 |
| Browns Ferry 1 | Athens, AL | Tennessee Valley Authority | Tornado | 04/27/2011 | Scram | 26 days | 1101 |
| Browns Ferry 2 | Athens, AL | Tennessee Valley Authority | Tornado | 04/27/2011 | Scram | 27 days | 1104 |
| Browns Ferry 3 | Athens, AL | Tennessee Valley Authority | Tornado | 04/27/2011 | Scram | 35 days | 1105 |
| Prairie Island 2 | Welch, MN | Xcel Energy | Severe Weather | 05/09/2011 | Scram | 1 day | 518 |
| Calvert Cliffs 1 | Lusby, MD | Exelon | Hurricane | 08/27/2011 | Shutdown | 4 days | 866 |
| Millstone 2 | Waterford, CT | Dominion Generation | Ultimate Heat Sink (UHS) Temp | 08/12/2012 | Shutdown | 11 days | 869 |
| Waterford | Killona, LA | Entergy Nuclear Operations | Hurricane | 08/29/2012 | Shutdown | 5 days | 1168 |
| Indian Point 3 | Buchanan, NY | Entergy Nuclear Operations | Hurricane | 10/29/2012 | Scram | 4 days | 1085 |
| Nine Mile Point 1 | Scriba, NY | Exelon | Hurricane | 10/29/2012 | Scram | 4 days | 621 |
| Salem 1 | Hancock's Bridge, NJ | PSEG Nuclear | Hurricane | 10/30/2012 | Scram | 3 days | 1168 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | Winter Storm | 02/08/2013 | Scram | 8 days | 677 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | UHS Temp | 07/17/2013 | Power Reduction | 5.5 hours | 677 |
| Beaver Valley 1 | Shippingport, PA | First Energy Nuclear Operating Co. | Cold/Icing | 01/06/2014 | Scram | 22 days | 921 |
| Fort Calhoun | Fort Calhoun, NE | Omaha Public Power District | Cold/Icing | 01/10/2014 | Scram | 3 days | 482 |
| Calvert Cliffs 1 | Lusby, MD | Exelon | Winter Storm | 01/21/2014 | Scram | 4 days | 866 |
| Calvert Cliffs 2 | Lusby, MD | Exelon | Winter Storm | 01/21/2014 | Scram | 4 days | 850 |
| Arkansas Nuclear One 1 | London, AR | Entergy Nuclear Operations | Severe Weather | 04/27/2014 | Power Reduction | 1 day | 836 |
| Arkansas Nuclear One 2 | London, AR | Entergy Nuclear Operations | Severe Weather | 04/27/2014 | Scram | 17 days | 993 |
| Fort Calhoun | Fort Calhoun, NE | Omaha Public Power District | Flooding | 06/20/2014 | Power Reduction | 2 days | 482 |
| Turkey Point 4 | Homestead, FL | Florida Power & Light | UHS Temp | 07/20/2014 | Power Reduction | up to 8 hours on 5 separate days* | 802 |
| Donald C. Cook 1 | Bridgman, MI | Indiana Michigan Power Company | UHS Temp | 07/20/2014 | Power Reduction | up to 8 hours on 5 separate days* | 802 |
| Donald C. Cook 2 | Bridgman, MI | Indiana Michigan Power Company | Severe Weather | 11/01/2014 | Scram | 3 days | 1030 |
| Indian Point 3 | Buchanan, NY | Entergy Nuclear Operations | Severe Weather | 11/01/2014 | Scram | 5 days | 1077 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | Cold/Icing | 01/08/2015 | Power Reduction | 3 hours | 1085 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | Winter Storm | 01/27/2015 | Scram | 12 days | 677 |
| Byron 1 | Byron, IL | Exelon | Winter Storm | 02/15/2015 | Shutdown | 3 days | 677 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | Cold/Icing | 03/03/2015 | Scram | 6 days | 1164 |
| Pilgrim | Plymouth, MA | Entergy Nuclear Operations | UHS Temp | 08/09/2015 | Power Reduction | 26 minutes | 677 |

*July 20, 26, 27, 28 and August 7
**There were no events that met the criteria between October 25, 2005 and August 2007