



Hurricane Isabel Situation Report: September 19, 2003 (3:30 p.m.)

HIGHLIGHTS

- Bush Declares Parts of N. Carolina Disaster Area Reuters Thursday, September 18, 2003; 4:28 PM
- Virginia has also been declared a disaster area by the President.
- News reports say that the storm has been blamed for at least 17 deaths: nine in Virginia, three in North Carolina, two in Maryland and one each in Pennsylvania, New Jersey and Rhode Island.

OFFICE OF ENERGY ASSURANCE (EA)

- EA has established coordination with the Emergency Operations Center (EOC) and the Energy Information Administration and is supporting the EOC. The EOC is operating 24/7 starting September 18.
- DOE is in regular contact with FEMA.
- EA expects to staff Emergency Support Function 12 energy functions at two FEMA Disaster Field Offices established in North Carolina and Virginia.
- Contact has been made with state energy officials to ensure efficient communication and a secure internet forum as been established.
- Emergency Operations Centers have been established in the following states: NC, VA, MD, DE, PA, DC, and SC.

ENERGY OUTAGES

The following provides recent updates on energy outages in the areas affected by Hurricane Isabel.

1. Allegheny Power 11:00 am report

Outage numbers continue to increase. High winds and heavy rains from Hurricane Isabel are moving through Allegheny Power's service area causing power outages across a large portion of Allegheny Power's service territory in Maryland, Pennsylvania, Virginia, and West Virginia. At this time, we have approximately 145,680 customers out of power with 3,111 individual cases of trouble. We have restored service to more than 34,500 customers since the storm first hit on Thursday. Allegheny Power crews began working

on the problems immediately, and they will continue to work around the clock until all customers are back in service.

Allegheny Power Outage Statistics--updated Friday, 11:00 a.m.

Service Center	Cust Out*	Cust Restor*	Est Restoration (all customers)
Maryland			
Cumberland area	3221	0	Fri., midnight
Frederick area	20929	2749	Sun., midnight
Mt. Airy area	20182	900	Sun., midnight
Oakland area	1178	526	Fri., midnight
Thurmont area	6600	1561	Sun., midnight
Williamsport area	21909	1318	Tues.
Maryland total	74019	7054	
Pennsylvania			
Arnold area	225	1452	Fri., 12 pm
Cumberland -- Pa.	930	0	Fri., midnight
Jeannette area	1204	888	
McConnellsburg area	4709	328	Sun., 6 pm
St. Marys area	171	1382	Sat
State College	4924	3917	Sat., 10 pm
Waynesboro area	6437	3727	Sun., 8 pm
Pennsylvania total	18603	13356	
Virginia			
Luray area	7812	138	
Madison area	7978	2729	Tues.
Winchester area	11305	5714	Mon., midnight
Virginia total	27122	8581	
West Virginia			
Augusta area	4309	396	Sun., 8 pm
Berkeley Springs area	3087	330	Mon., 5 pm
Martinsburg area	16959	4448	Sun., 5 pm
West Virginia Total	25936	5606	
Allegheny Power			
Total	145680	34597	

www.alleghenypower.com

2. Dominion Virginia Power / Dominion North Carolina Power

Outage Summary as of: 09/19/2003 14:48

<u>Area</u>	<u>Customers Assigned</u>	<u>Customers Out</u>
Northern Virginia	724,816	343,293
Shenandoah Valley/Western Piedmont	164,395	56,749
Richmond Metro/Tri Cities	442,598	399,168
Southside Virginia	66,133	44,325
Gloucester / Northern Neck	56,454	54,382
Tidewater	645,549	560,979
North Carolina	115,880	89,744
System Total	2,215,825	1,548,640

2. Pepco Damage Assessment Shows Unprecedented Devastation

Restoration Time Is Estimated as at least a Week

Sept. 19, 2:00 p.m. Update

As of 1:00 p.m., the following outages are reported on the Pepco system:

Area	Outages
District of Columbia:	136,000
Montgomery County:	228,000
Prince George's County:	167,000
Total:	531,000 customers

Pepco is in the process of conducting a full-scale damage assessment throughout its service territory using personnel patrolling feeder lines on foot, in vehicles and in helicopters, and local government reports. The initial survey indicates that a massive effort in each portion of the service area – the largest ever undertaken by Pepco -- is required to restore service to the more than 500,000 customers who lost power in the wind and rain brought by Hurricane Isabel.

As of 1 P.M. today about 531,000 Pepco customers were without power, well more than 2/3 of Pepco's customer base of 720,000 and by far the highest number to lose power in Pepco's history.

Preliminarily we had reports of the following damage: more than 1,000 wires down; 380 feeder lines locked out; five substations down; and more than 3,000 transformers out. These numbers will probably increase, possibly substantially. Due to the extensive and unprecedented damage, it could be a week or more before everyone's service is restored. The damage in our area is consistent with reports from other utilities in the mid-Atlantic region where more than 7 million people are without power in areas of North Carolina, Virginia, the District and Maryland.

Crews began work at 2 a.m. and Pepco now has more than 700 crews in rotating 12-hour shifts. Pepco personnel are conducting a damage assessment to determine how long the restoration process will take.

3. BGE QUICK FACTS As of 3:00 PM, 9/19

3,000 field personnel are working to restore power, including 400 BGE crews and 400 external crews from several states.

Isabel knocked power to 650,000 BGE customers. Restoration is complicated by multiple trees and limbs on powerlines. As a result, many customers may be without service for several days.

While BGE secured several hundred thousand pounds of dry ice in advance of Isabel's arrival, demand is outpacing supply at all locations.

OUTAGE SUMMARY As of 3:00 PM, 9/19

<u>By County</u>	<u>Total Customers</u>	<u>Customers Out</u>
Anne Arundel	211,000	178,000
Baltimore	343,000	214,000
Baltimore City	269,000	70,000
Calvert	7,000	6,000
Carroll	52,000	23,000
Harford	88,000	42,000
Howard	103,000	64,000
Montgomery	13,000	3,000
Prince George's	70,000	27,000
System Total	1,156,000	626,000

Note: The above numbers are approximate and will fluctuate up and down as restoration efforts continue.

4. Duke Power 1:00 P.M., 09/19/2003

Duke Power Crews Making Headway with Restorations Duke Power is encouraged with the level of completed assessments and restorations today. Beginning at 7 a.m. tomorrow we will provide location specific estimated times of restoration for those customers remaining without service. On the Duke Power system, Alamance, Durham and Orange counties sustained the highest level of damage from this storm.

System Total Outage: 74,360

Estimated Times Of Restoration by County

Alamance County Sunday – Midnight

Durham County Sunday – Midnight

Guilford County Saturday – Noon

Orange County Sunday – Midnight

Rockingham County Saturday – Noon

Caswell County Saturday – Noon

As the majority of outages are restored, scattered outages will remain as work is completed on individual services with homeowner damage, or awaiting necessary inspections. An additional 550 crew members arrived today in the Triad and Triangle areas. As part of our agreement with the Southeastern Electric Exchange, 125 of these crew members are responding from utilities in unaffected areas of North Carolina, South Carolina, Georgia and Tennessee. This brings the total number working to restore service to more than 2,000 crew members – double the normal work force. With more favorable weather conditions today, crews are quickly evaluating the damage to power lines, including performing visual inspections by helicopter.

5. Progress Energy (Carolina Power and Light)

Progress Energy expects to restore power to most customers by Saturday midnight; hardest hit areas by Sunday 9/19/2003

RALEIGH, N.C. (September 19, 2003) -- **Progress Energy crews have restored power to 216,200 of its customers in the wake of Hurricane Isabel. As of 3:00 p.m., 103,800 Progress Energy customers are without power, down from a peak of 320,000 at 7:00 p.m.** on Thursday. Progress Energy crews have restored power to 68 percent of its customers who lost power. "We expect to have power restored to the majority of our customers by midnight Saturday and to the rest of our customers in the hardest hit areas by midnight Sunday," said Jackie Joyner, Progress Energy Carolinas system storm coordinator. "Our crews will be working around the clock to restore power as quickly and safely as possible."

The hardest hit areas include New Bern, Morehead City, Henderson and the Virginia border counties, Sanford, Asheboro and Southern Pines. Progress Energy has approximately 1,800 additional line & service and tree personnel mobilized for Isabel, bringing the total work force in the field to 2,500. This number does not include hundreds of damage assessors, staging and logistics personnel, as well as support staff working behind the scenes to assist with power restoration. Progress Energy has been re-deploying forces today to areas hardest hit by the storm.

6. Conectiv 2 pm

More than 300 Conectiv crews and hundreds of crews from other areas are mobilizing to begin the massive restoration effort. Those crews are carefully assessing the damage to determine the most efficient way to restore power as quickly and safely as possible.

Customer Outage Summary:

81,000 - South NJ

52,000 - Lower Delmarva Peninsula DE, MD, VA

139,000 - New Castle County, DE, Cecil & Harford County, MD

Restoration priorities:

- First, to take care of safety hazards such as downed power lines.
- Second, restore power to hospitals, police and emergency services.
- Third, repair outages that will return power to the largest blocks of customers.
- Restoration of power to individual customers.

REFINERY STATUS

Follow-up was conducted with refineries in NJ, PA, DE and VA. Giant Industries Yorktown Refinery (58,600 b/d) has reported that damage is minimal. The refinery is currently working with Dominion Energy to restore power. It is estimated that the refinery should be up and running within 12 to 48 hours (as of 12:00 p.m. 09/19/03).

Northeast refineries (NJ, DE, PA) report no problems. They had no loss in power. Some had scaled back operations in anticipation of the storm and are now ramping up for normal processing. A couple of refineries are awaiting crude shipments since rough waters have delayed shipments of crude oil and petroleum products.

News reports suggest that drops in crude oil prices reflected the fact that the Hurricane had failed to significantly impact East Coast refinery production.