



DOE Hurricane Isabel Situation Report September 24, 2003 7:00AM

Highlights:

- **93%+ of customers who had lost power have had power restored**
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Office of Energy Assurance (EA)

OEA staff stationed in Richmond at the EOC

- OEA staff is now in Richmond with FEMA ESF-12 Team:
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Summary Table

(Does not include smaller utilities including NOVEC and Rappahannock in Virginia)

Utility	Total Customers	Total Customers who Lost Power	Total Customers Now without Power	% of Customers who lost power without Power	Time of Update
Allegheny		218,000	5,310	2.4%	4PM 9/23
PEPCO		497,000	59,000	11.9%	4AM 9/24
BG&E	1,156,000	650,000	83,000	12.8%	6AM9/24
Conectiv		193,000	**		By 12AM 9/23
Dominion	2,215,825	1,800,000	480,321	26.7%	6 AM 9/4
PECO		540,000	Less than 5,000		9/21
Progress Energy		320,000			9/21
PPL Electric		492,000			4AM 9/22

- **Three utilities remain in double digits for customers without power: PEPCO 11.9%; BG&E 12.8% and Dominion 26.7%.**

- **Total number of customers without power is over 627,000 -- over 93% of the customers who had lost power have had power restored.**
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Utility Updates

BG&E

County	Total Customers	Customers without Power
Anne Arundel	211,000	8,000
Baltimore	343,000	33,000
Baltimore City	269,000	19,000
Calvert	7,000	300
Carroll	52,000	5,000
Harford	88,000	7,000
Howard	103,000	8,000
Montgomery	13,000	600
Prince George's	70,000	2,000
System Total	1,156,000	83,000

Dominion Power

Dominion suffered approximately new 40,000 outages related to a storm a sever storm that struck VA early today. Dominion Power continues to make significant progress in restoring customers as well as establishing the EP supplies for the co-ops. As of 9.23.03, all the co-ops transmission service points are up and all but 8 distribution service points are up. Three of these service points have extensive damage and a restoration estimate is still under evaluation.

All hospitals are up and all but one water pumping station are up with grid supplied power. Dominion is now at ESF-12's request, providing additional restoration data. Beginning today Dominion provided a detailed area by area breakdown of the areas where they were planning to work in the next couple of days. Dominion will also provide on Thursday an estimate of when 90% of the customers that lost power will be back in service.

2000 more workers from Michigan and Canada have been added to Dominion's workforce. This brings the total number of workers to 11,000 (note yesterday's status referring to "crews" was incorrect, numbers are for workers). These workers work 14-16 hours per day with 80% of the work being done during daylight hours. 1700 of the workers are salaried employees doing assessments and related support; 1500 are tree workers; the remainder are lineman/power technicians working in the field.

VA Governor Warner has asked Dominion Power what they plan to do for the VA citizens that are going to remain without power for an extended time. Dominion

is drafting a response by this Thursday to the Governor's request. FEMA has asked all at the EOC to brainstorm what more FEMA could do for these people that are going to be without power which could be for a number of weeks. ESF-12 is working with ESF-3 and Dominion Power to coordinate the placement of generators in areas not expected to receive grid power for some time. ESF-12 is working with GIS programmers to produce outage and restoration maps.

Dominion Virginia Power / Dominion North Carolina Power as of 9/24 6 AM

Area	Customers Assigned	Customers Out
Northern Virginia	724,816	23,453
Shenandoah Valley/Western Piedmont	164,395	5,125
Richmond Metro/Tri Cities	442,598	180,711
Southside Virginia	66,133	5,496
Gloucester / Northern Neck	56,454	27,476
Tidewater	645,549	212,743
North Carolina	115,880	25,317
System Total	2,215,825	480,321

PEPCO

As of 6 a.m. on 9/23/03

Date/Time	9/23 6AM	9/24 6AM
Total Out	133,000	59,000
DC	36,000	14,000
MONT	59,000	27,000
PG	38,000	18,000

Other Utilities

- **RAPPAHANNOCK** 14,000 est. without power
- **NOVEC** 1,400 est. without power
- **SMECO** 7,698 [ESF-12 data 9/23 3PM)

Scale of Cooperation: Example:

PPL Electric Utilities Corp. had over 490,000 customers without power. The long list of companies that provided PPL with line crews, electrical workers, and tree trimming services to assist PPL's power restoration efforts includes:

Electric utility companies:

- Massachusetts Electric
- Northborough - Mass
- Narragansett Electric -Providence, RI
- Granite State Electric - Lebanon, NH
- Central Hudson Gas & Electric - Poughkeepsie, NY
- KeySpan Energy - Brooklyn, NY
- United Illuminating - New Haven, CN
- NSTAR Electric - Boston, Mass
- Hydro Quebec - Montreal, Canada.

Electrical contractors:

- Henkels & McCoy
- Asplundh Construction Corporation
- Everhart & Hoover
- T.C. Lloyd
- Williamsport Electric
- T. Ross Electric Contractors
- KT Power Inc.
- B.J. Baldwin Electric
- Harlan Electric Co.
- Three-Phase Line Construction
- L.E. Myers
- JCR Construction and Tall Trees

Tree services contractors:

- Jaflo
- Asplundh
- Dincher Tree Contractor
- Eastern Tree
- Kocher's Tree Service