



## DOE Hurricane Isabel Situation Report September 23, 2003 12:00PM

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### Office of Energy Assurance (EA)

#### Report from OEA Staff in Richmond

An OEA staff member attended Dominion Power's morning brief to the Virginia State Energy Regulatory Commission. OEA staff will be attending their briefs each morning and reporting on the results.

62 of Dominion's 380 transmission lines sustained damage, which is over 1600 miles of high-voltage lines. As of September 22, all transmission lines in Virginia have been restored. All transmission service access points for the Co-ops have been repaired, though there are many distribution access points still not active. These service points are important because they give the electrical Co-ops access to power since the co-ops do not generate any power.

Distribution damage is more widespread and is still being worked. 1,150 of the Dominion's 1600 primary distribution circuits (72%) were damaged. Catastrophic distribution damage was located in the greater Richmond, VA area, Fredericksburg, VA, and the Tidewater, VA area. Dominion had 2,311 broken utility poles, 3,899 snapped crossarms, and 7,363 spans of downed power lines. They have used almost a three year supply of poles.

Supply of key components such as poles and transformers does not seem to be an issue for them; many suppliers have stepped up production to meet demand. Dominion is using for the first time on a large scale basis, their automated phone system for tracking outages. This system seems to be working well and keeps the public informed of their outage situation as well as feeding back to the utility those still without power.

#### Completed Restoration Matrix

This matrix was based on restoration estimates from regular meetings and telephone calls with the electrical utilities. This information is being used to properly allocate assistance resources such as generators, ice, and water to areas which will be without power for longer periods.

#### Other EA Actions

- OEA staff arrived today to augment the two person team at the Emergency Operations Center. **President Bush visited today and asked questions for a minute or so about electric power.**
- EA provided contact data for electrical Co-ops to FEMA Public Assistance Group.

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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 Now without Power	Time of Update
Allegheny		218,000	15,140	7%	4PM 9/22
PEPCO		497,000	135,000	27.2%	4AM 9/23
BG&E	1,156,000	650,000	174,000	26.8%	6AM9/23
Conectiv		193,000	**		By 12AM 9/23
Dominion	2,215,825	1,800,000	602,133	33.5%	6 AM 9/23
PECO		540,000	Less than 5,000		9/21
Progress Energy		320,000			9/21
PPL Electric		492,000	10,000	2%	4AM 9/22

- **Some 15% of those who lost power are still without power.**
- **Three utilities: BG&E, Dominion and PEPCO still have over 25% or more of their customers without power.**
- **Over 85% of all customers who lost power have had their power restored**

## Utility Updates

### PEPCO 6 AM 9/23

Date/Time	9/23 6AM
Total Out	<b>133,000</b>
DC	36,000
MONT	59,000
PG	38,000

### BG&E

By County	Total Customers	Customers Out
Anne Arundel	211,000	21,000
Baltimore	343,000	53,000
Baltimore City	269,000	47,000
Calvert	7,000	1,000
Carroll	52,000	13,000
Harford	88,000	17,000
Howard	103,000	15,000

Montgomery	13,000	1,000
Prince George's	70,000	6,000
System Total	1,156,000	174,000

**Dominion Virginia Power / Dominion North Carolina Power**

Area	Customers Assigned	Customers Out
Northern Virginia	724,816	41,611
Shenandoah Valley/Western Piedmont	164,395	9,020
Richmond Metro/Tri Cities	442,598	218,616
Southside Virginia	66,133	9,995
Gloucester / Northern Neck	56,454	33,797
Tidewater	645,549	256,371
North Carolina	115,880	33,982
<b>System Total</b>	<b>2,215,825</b>	<b>603,392</b>

**Other Virginia Utilities:**

- **RAPPAHANNOCK** 10,000 est. without power
- **NOVEC** 4,000 est. without power