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United States Department of Agriculture

USDA's
93rd
Annual

Agricultural Outlook Forum

A New Horizon: The Future of Agriculture

February 23-24, 2017 • Crystal Gateway Marriott Hotel, Arlington, Virginia

Presentation from the USDA Agricultural Outlook Forum 2017

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93rd Annual Agricultural Outlook Forum
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HURRICANE



NOVEC Energy
Production
Halifax County Biomass







Why Biomass?

- Need for more generating capacity
- National Renewable Portfolio Standards for electric companies
- Member/Customer desire for more renewable energy
- ARRA Cash Grant
- Welcoming Community support
 1. Environmental Permits
 2. Construction Permit
 3. Adequate wood supply; existing logging operations

Community Value

1. Tax base for Local Community
2. Employment
 - a. Direct Impact - 26 Permanent Jobs
 - b. Indirect Impact
 - i. logging and chipping jobs
 - ii. Equipment providers
 - iii. Services industries; i.e. restaurants, convenience stores, repair shops, fuel stations, local IT support, lawn care, etc.
3. Landowner Impact
 - a. Clearing of sites
 - b. Replanting
 - c. No whole tree chipping; waste wood only
4. Farmer impact
 - a. Fly Ash, Patented Product through Virginia Tech
 - b. Additional business opportunities



CycleRight--Putting nature back in it place
**THE PROOF IS IN
THE PICTURE!**

← Soybean field **without**
CycleRight spread prior to
planting.

Soybean field **with** approximately 2
tons of CycleRight per acre spread
before planting. →





09/15/2014



09/15/2014



A Winning Strategy

The construction and operation of this biomass plant addressed the problem of what land owners faced after the logging was completed on their land. The logging companies removed the round wood and left the remaining tree waste on the land to either be piled and left to rot or to burn in open fires. By providing an avenue to convert that wood waste into a fuel to be used by the biomass plant results in the cleanup of the site allowing the entire site to be replanted.

Given all the benefits as discussed, the addition of this biomass plant is a win/win situation for the utility, the land owners, the local community and its citizens.

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