Biomass Supply and Carbon Accounting for Southeastern U.S. Forests: Released February 2012

BERC
Spatial Informatics Group
Forest Guild

http://tiny.cc/SEcarbon
BERC SE Study- 35 to 50 Yr. Debt favorable assumptions:

• All trees harvested will be replanted or regenerated.

• Business-as-usual fossil fuel baseline assumes most trees will be harvested for wood products. (Does not compare biomass harvest to no harvest.)

• No land use changes or leakage (i.e. no pulpwood displacement). **Unlikely result.**
Enviva facility in Northampton County, NC (near Roanoke Rapids); photo credit SELC, 5/22/13
Wetland forests are harvested to feed pellet mills.

Roanoke River Wetland Clearcut
South of Enviva Ahoskie (Bertie County): photo SELC, 5/22/13
Photo credit: Matt Eich for The Wall Street Journal
• Carbon Debt of using mature hardwood (including wetland) trees is likely much greater than BERC study results.

• BERC model only allowed sourcing of tops and limbs and hardwood trunks less than 12 inches in diameter. (pine less than 10 in.)

• Bottomland and mature hardwood trees should be excluded from EU pellet sourcing.