18 December 2014

SENT TO LSU AGCENTER/LOUISIANA FOREST PRODUCTS DEVELOPMENT CENTER - FOREST SECTOR / FORESTY PRODUCTS INTEREST GROUP

Wood Bioenergy Update

The featured research in the **November/December edition of Wood Bioenergy US** reviews recent developments in the wood power sector, and projects the future electricity generation and wood use of the sector in the US for the next ten years. Wood-sourced electricity generation in the United States maintains a stable profile with little likelihood for meaningful growth as a share of either total or renewable domestic energy production. Efforts to accelerate, highlight and subsidize wood electricity over the past ten years correspond to total wood electricity growth of 4.7% for the period, which accounts for approximately 1% of total US electricity generation. Within the renewable energy sector, wood electricity continues to lose market share to other sources such as wind.

Forisk analysis of individual projects, US forest supplies and forest industry economics emphasize material and operable limits in growing the sector. Overall, the wood biopower sector has grown slowly. Of the 219 wood energy projects announced since 2010, 179 have failed to generate saleable power. Since 2010, more wood bioenergy projects were cancelled or delayed in the U.S. than were successfully built and operated. In practice, wood electricity projects thrive where operationally logical: in industrial settings that are already configured to (1) procure or produce residual woody biomass supplies and/or (2) leverage combined heat and power (CHP) synergies. Looking forward, the sector projects stronger growth of 18% over the next three years with a flat, stable trajectory over the next decade.

***WBUS* Market Update:** As of December 2014, *WBUS* counts 426 announced and operating wood bioenergy projects in the U.S. with total, potential wood use of 121.1 million tons per year by 2023. Based on Forisk analysis, 297 projects representing potential wood use of 84.6 million tons per year pass basic viability screening. **To download the free *WBUS* summary, click here**

LSUAgCenter.com
innovate, educate, improve lives

SENT TO LSU AGCENTER/LOUISIANA FOREST PRODUCTS DEVELOPMENT CENTER - FOREST SECTOR / FORESTY PRODUCTS INTEREST GROUP

Richard P. Vlosky, Ph.D.
Director Louisiana Forest Products Development Center
Crosby Land & Resources Endowed Professor of Forest Sector Business Development
Room 227, School of Renewable Natural Resources
Louisiana State University
Baton Rouge, LA 70803
Phone (office): (225) 578-4527
Fax: (225) 578-4251
Mobile Phone: (225) 223-1931

LSUAgCenter.com
innovate, educate, improve lives