

Lignol Innovations Inc.

Corporate Headquarters: Berwyn, PA

Global Headquarters: Canada

Proposed Facility Location: Commerce City, Colorado

Description:

This project will design, construct, and operate a demonstration plant to produce ethanol, lignin and furfural from cellulosic feedstock, including hard and softwood residues.

CEO or Equivalent: Ross MacLachlan, President and CEO

Participants: Suncor Energy and; Parker Messana & Associates Engineering

Production: Excess of 2 million gallons/year of cellulosic ethanol plus biochemical co-products, including High Purity-Lignin (“HP-L™”)

Technology and Feedstocks:

- Proprietary solvent pretreatment process integrated with saccharification, fermentation and product recovery processes
- 100 tonnes per day (dry basis) of hard and softwood feedstocks
- Capability to process agricultural residues and other feedstocks

State of Readiness:

- Proposed project will be located adjacent to Suncor’s Commerce City, Colorado, petroleum refinery, and Suncor will be the in-house customer for all of the ethanol produced by the proposed plant.
- Estimated project completion: 2012.

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