

Biomass Facility Resource Assessment



Interest in and use of biomass as a sustainable supply of alternative energy have grown dramatically in the US, Canada, and Europe during the past five years. More energy firms, government and provincial agencies, and industrial landowners are exploring the potential for biomass produced from North American timberlands to reduce coal, electric, and petroleum consumption, and its environmental impact, and to support the growth of domestic alternative energy.

Sewall Solutions:

Assessing the resource--its availability, optimal locations, and pricing--is the critical first step to developing and realizing biomass potential in a region. To support clients in their decision making, Sewall prepares biomass resource studies on properties across North America. Bringing expert knowledge of the forest and forest products industry, Sewall professional staff provide:

- ❑ Estimates on raw material availability, based on current harvest numbers and inventory data
- ❑ Logging and forest products industry infrastructure within the procurement study area
- ❑ Estimates of biomass waste available from the forest products industry
- ❑ Historical wood supply and demand
- ❑ Price information for similar or competing products
- ❑ Delivered cost estimates for biomass

Sewall's sources of information include US Forest Service and provincial inventory data, timber products output data, in-house and regional contractor data, and interviews with representatives of the biomass and forest products industries and the logging community.

Once the first step of assessment is completed, Sewall engineers are prepared to assist clients with site location fatal flaw analyses, design, and permitting for the development of biomass facilities and systems.

For additional information about how Sewall can provide biomass siting services to meet your needs, please contact Mark Leathers, LPF, Forest Resource Analyst, at 800-648-4202; Email: mark.leathers@sewall.com



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