Community Scale Thermal Biomass: Project Development Case Study

Parkdale Elementary School

Nathan Ulrich
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Biomass: what makes a viable project?

1. Overview
2. Stakeholders
3. Feasibility Analysis
4. Project Management
5. Financing
Parkdale Elementary School

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Overview

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Stakeholders

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Stakeholders

Community members, Political leaders, Facilities and Finance Staff, Contractors, Financers, Fuel suppliers, Others?

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Quality feasibility work

Feasibility of Wood Heat for Parkdale Elementary School

Parkdale, Oregon
July 2014

Prepared for:
Parkdale School District
4890 Van Nuys Drive
Parkdale OR, 97041

On behalf of:
Hood River County
601 State Street
Hood River, OR 97031

Prepared by:
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Quality feasibility work

- Existing conditions & demand
- Specify comp options!
- Compare technology, equipment, cost, O&M
- Economic model & analysis!

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Quality feasibility work

WA Funding Opportunities:

1. State Wood Energy Team
2. WA Dept of Commerce: Forest Products Financial Assistance Program

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Project Management

QuickTime™ and a decompressor are needed to see this picture.

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Finance

Banks
Loan Funds
Renewable Energy Tax Credits
School Projects: Dept of Education $
USDA

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