

## Raszka Shelley

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**From:** Patrino Beth  
**Sent:** Tuesday, February 11, 2014 4:47 PM  
**To:** Raszka Shelley  
**Subject:** FW: Testimony for Support for the Inclusion of Biomass as a Developable Resource with Solar and Geothermal in SB 1578  
**Attachments:** CHIP YARD MANNING PROJECTION WITH NEEDED FEEDSTOCK IN GREEN TONS.doc

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**From:** John Milandin [[mailto:johnjanet\\_milandin@msn.com](mailto:johnjanet_milandin@msn.com)]  
**Sent:** Tuesday, February 11, 2014 4:47 PM  
**To:** Patrino Beth  
**Cc:** David Haupt ; David Smith ; KAUFFMAN Marcus; Duane Bishop ; Faye Stewart ; Sen Prozanski; Rep Hanna; Sen Beyer; Glenda POLING ; 'Louis Gomez'  
**Subject:** Testimony for Support for the Inclusion of Biomass as a Developable Resource with Solar and Geothermal in SB 1578

Biomass utilization opens the possibility of job creation in rural communities such as Oakridge.

We currently are working with the ODF and OSU exploring the development of processes and value added products utilizing biomass remaining from logging , road clearing, fuels reduction and thinning. Through those efforts a willing entrepreneur has joined us in this effort to set up a chipping operation in Oakridge which under present allowances will yield sufficient tonnage to employ 2 to 6 jobs. This is a positive increase for Oakridge. I am attaching a jobs forecast to illustrate the possibilities should biomass yields be increased.

Another possibility would be to develop a process to manufacture clean burning woodstove bricks form low end biomass residues such as hog fuel. This would be a huge contribution to our efforts to reduce our current over spec wood stove emissions while not changing the culture of our community.

Our wood resources should be exploited to the nth degree to provide jobs and clean environmental conditions.

JOHN MILANDIN, CHAIRMAN OAKRIDGE ECONOMIC DEVELOPMENT ADVISORY COMMITTEE

John Milandin  
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**CHIP YARD MANNING PROJECTION WITH NEEDED  
FEEDSTOCK IN GREEN TONS, GT**

**DEVELOPED COLLABORATIVELY WITH PROSPECTIVE OPERATOR BY  
MARCUS KAUFMAN,ODF, DAVID SMITH,OSU, LOUIS GOMEZ,CA  
OAKRIDGE, MAYOR JERRY SHOREY, AND JOHN MILANDIN  
10/15,2013**

<b>JOB</b>	<b><u>NUMBER OF JOBS</u></b>		
	<b>12,000 GT</b>	<b>60,000GT</b>	<b>150,000GT</b>
<b>WOODS</b>	<b>3</b>	<b>15</b>	<b>30</b>
<b>LOG TRUCK</b>	<b>1</b>	<b>5</b>	<b>10</b>
<b>CHIP MILL</b>	<b>2</b>	<b>4</b>	<b>6</b>
<b>CHIP TRUCK</b>	<b>1</b>	<b>5</b>	<b>10</b>
<b>TOTAL</b>	<b>7</b>	<b>29</b>	<b>56</b>

**OWNERS SAID THEY WOULD BEGIN OPERATIONS IN OAKRIDGE IF THEY COULD GET AS A START 12,000 GT, SUSTAINABLE AND RAMP UP FROM THERE. THEY THEN COULD EXPAND OPERATIONS TO PRODUCE OTHER PRODUCTS SUCH AS BIOCHAR, PELLETS/BRICKS ETC.**

**PAY FOR MILL WORKERS AND OTHERS EMPLOYED BY THESE OPERATORS WOULD BE \$18 TO \$20 PER HOUR WITH BENEFITS.**