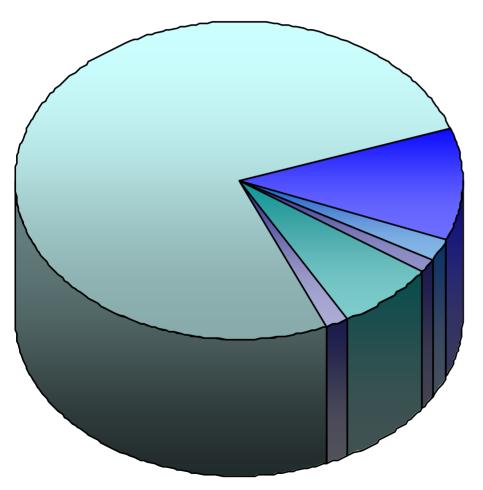


Benefits to Air Quality

cents per kwh



Relative benefit of biomass use vs. open burning NREL Study (Gregg Morris)

□
$$SOx = 0.01¢$$

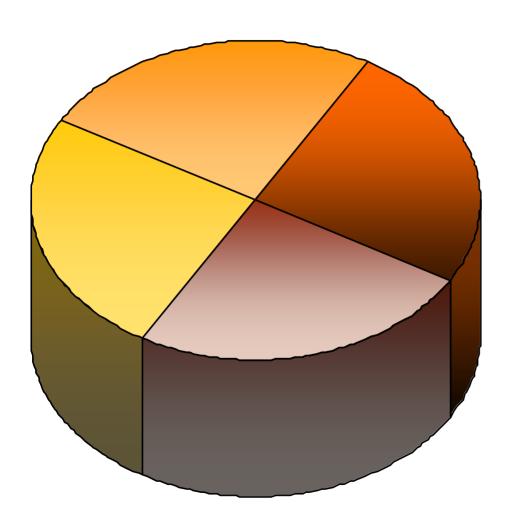
■
$$NOx = 0.13¢$$

$$\square$$
 PM-10 = 0.71¢

$$\Box$$
 CO2 = -0.23¢

Total = 9.39¢ / kwh

Societal Benefits



■ Rural Jobs

4-5 Rural Jobs per MW (WGA Report)

Stable, family wage jobs

■ Recreation/Scenic

Protection or maintenance of scenic values and recreation opportunities

Public Health

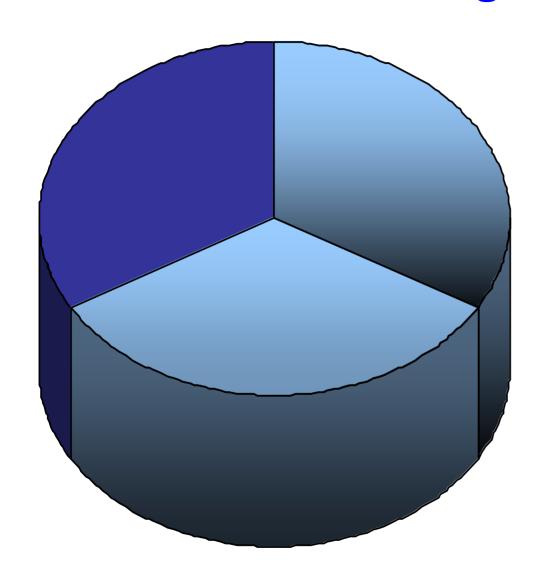
Respiratory impacts

Smoke & fire related safety, injuries, or mortality

Lost Productivity

Facility, traffic, and fire closures
School or business closures

Benefits of Converting Waste to Energy



Landfill Diversion

Avoided siting, permitting

Reduced need for compaction Increased recycling capacity

Energy Security

RECs = 1.0 ¢/Kwh

Foreign debt and trade

National and economic security

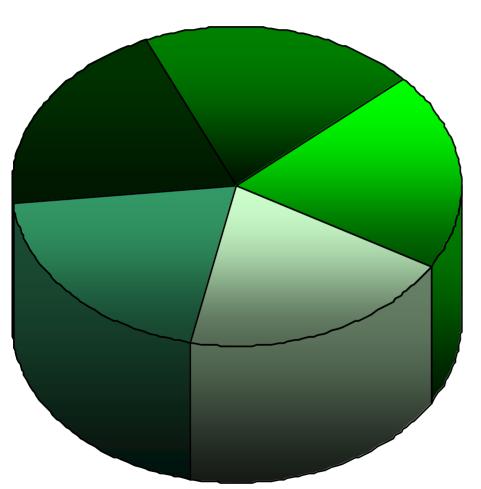
■ Grid Stability

Load centered, off-grid

Line voltage support

24/7 energy capacity

Forest Health Benefits



■ Forest Health

Wood and biomass value (Eagle Lake RD = \$267/acre) Increased fiber yield and value

Deduced incests and discose

Reduced insects and disease

■ Fire Prevention

Avoided Wildfires = \$856/acre
Public & Private Property Values
Avoided Rehab Costs

■ Wildlife Enhancement

Protect snags & downed logs

Improved fish and wildlife habitat

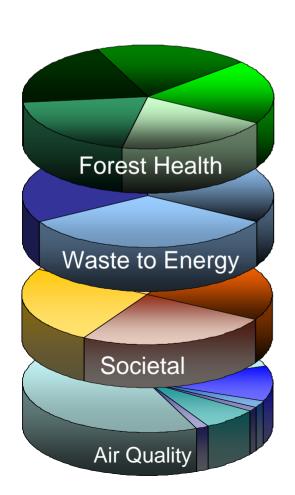
Watershed Protection

Avoided sediment delivery (Hayman Fire = \$268/acre)

Increased water quality, yields and timing

■ Range Improvement

Improved Rangelands and Forage



Forest Health

Waste to Energy

Societal

Air Quality



