



February 12, 2014
RE: SB 1578

To Whom It May Concern:

ElectraTherm, a clean energy company whose technology generates electricity from hot water, supports SB 1578 expanding the allowable technologies to include woody biomass.

ElectraTherm's small-scale waste heat to power generator, the Green Machine, converts the thermal energy (Btu content) of low to mid-temperature hot water (170F-240F) into electricity via a closed loop ORC using patented technology.

ElectraTherm currently has relationships with several small biomass boiler manufacturers that would support clean energy technology deployment in rural and distributed locations throughout Oregon. These small biomass to energy plants (30-110kW) could support the local community by utilizing already existing woody biomass waste streams and provide green energy to remote areas. The project sites would provide jobs, economic value, and renewable energy to the state of Oregon. Further information is available at www.electratherm.com.

ElectraTherm has already successfully installed just such a system in Oregon at an integrated wood products mill in Wallowa, Oregon. ElectraTherm partnered with Wallowa Resources Community Solutions to generate power using residuals from wood products. By adding woody biomass to SB 1578, further deployment of such systems could be increased.

Sincerely,

A handwritten signature in black ink that reads "John Fox".

John Fox
Chief Executive Officer
ElectraTherm