CA ad hoc Forest Biomass Working Group – eNewsletter 21/2019

The South Yuba River Citizens League is hiring two Forest Health Watershed Coordinators. The [Forest Health Watershed Coordinators](#) will manage the Yuba Watershed Forest Collaborative, providing technical support and promoting community and stakeholder engagement to establish and further the goals of the collaborative within the Yuba River watershed. The program has four goals, which include improving forest health and forest resiliency, implementing an economically viable and environmentally sustainable forest products industry, engaging diverse stakeholders throughout the Yuba River watershed to promote and implement forest health and forest product projects, and raising funds through collaborative grant requests and alternative funding streams. The [Forest Health Watershed Coordinator Grant Program](#) is funded by the California Environmental License Plate Fund, and administered by the Department of Conservation.

CEC Report: Modular Biomass Power Systems to facilitate Forest Fuel Reduction Treatment. This [research and development project aimed to evaluate modular gasification for use across California's forested landscape](#) to promote and support sustainable fire-safe management activities. The research program included extensive feedstock testing and resource analysis, gasifier system testing and demonstration, and internal combustion engine testing using biomass-derived producer gas. The project team used data collected throughout the testing phases to evaluate the techno-economic feasibility of various gasification system schemes, identify opportunities for structural and operational improvements, and define best practices to improve the performance and reduce the cost of community-scale gasification.

NAFO Report: The Economic Impact of privately-owned Forests in the 32 major forested States: [An analysis recently released](#) by the National Alliance of Forest Owners (NAFO) shows that private working forests support a staggering 2.5 million jobs, $109 billion in payroll, and account for $288 billion dollars in sales and manufacturing. The new report by Forest2Market analyzes Forest & Inventory Analysis (FIA) data from the Forest Service and North American Industrial Classification System (NAICS) codes from the Department of Labor to calculate the economic impact of privately owned working forests across the United States. An [interactive state data feature](#) is available on NAFO's website, with economic impact information available down to the congressional district level.

Improving exterior Performance of thermally modified Timber (TMT). Thermally modified timber (TMT) is a nascent but growing market in North America, with an increasing number of producers each year. TMT presents an excellent opportunity for [wood utilization in moderate exterior exposure](#), such as elevated decking, exposed vertical handrails of bridges, and horizontal cladding. This potential pairs well with hazardous fuels reduction and improved utilization of urban forest timber in that target species could be converted into value-added products through thermal modification.

EPA releases searchable Database of certified Wood Heaters. The EPA has released its searchable [Wood Stove Database](#) for residential wood heaters approved by the EPA for sale in the United States. The new database allows users to sort the list any way they choose. Now, users can quickly compile a list of [EPA 2020 compliant stoves](#), stoves that were design and tested with cordwood, the cleanest or most efficient stoves, etc.

DID YOU KNOW? Trees can be antennas! You have probably seen cell towers disguised as trees, like this one https://commons.wikimedia.org/wiki/File:Antenna_tree.jpg. But some radio amateurs (hams)

experiment with using actual trees as actual antennas like this [Tree Antenna for the 600 Meter Band](#), at the opposite end of the radio frequency spectrum from cellphones. 73 KN6BXY