

WOODY BIOMASS SOLUTIONS IN ARIZONA

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WATER IN-SERVICE
THE UNIVERSITY OF ARIZONA
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TYPES OF WOODY BIOMASS

- ✓ Post-harvest
Forest Residue
- ✓ Sawmill Waste
- ✓ In-woods
Processed Chip
- ✓ Invasive
Species?



POST-HARVEST FOREST RESIDUE



POST-HARVEST FOREST RESIDUE



SAWMILL WASTE



SAWMILL WASTE



IN-WOODS PROCESSED CHIP



IN-WOODS PROCESSED CHIP

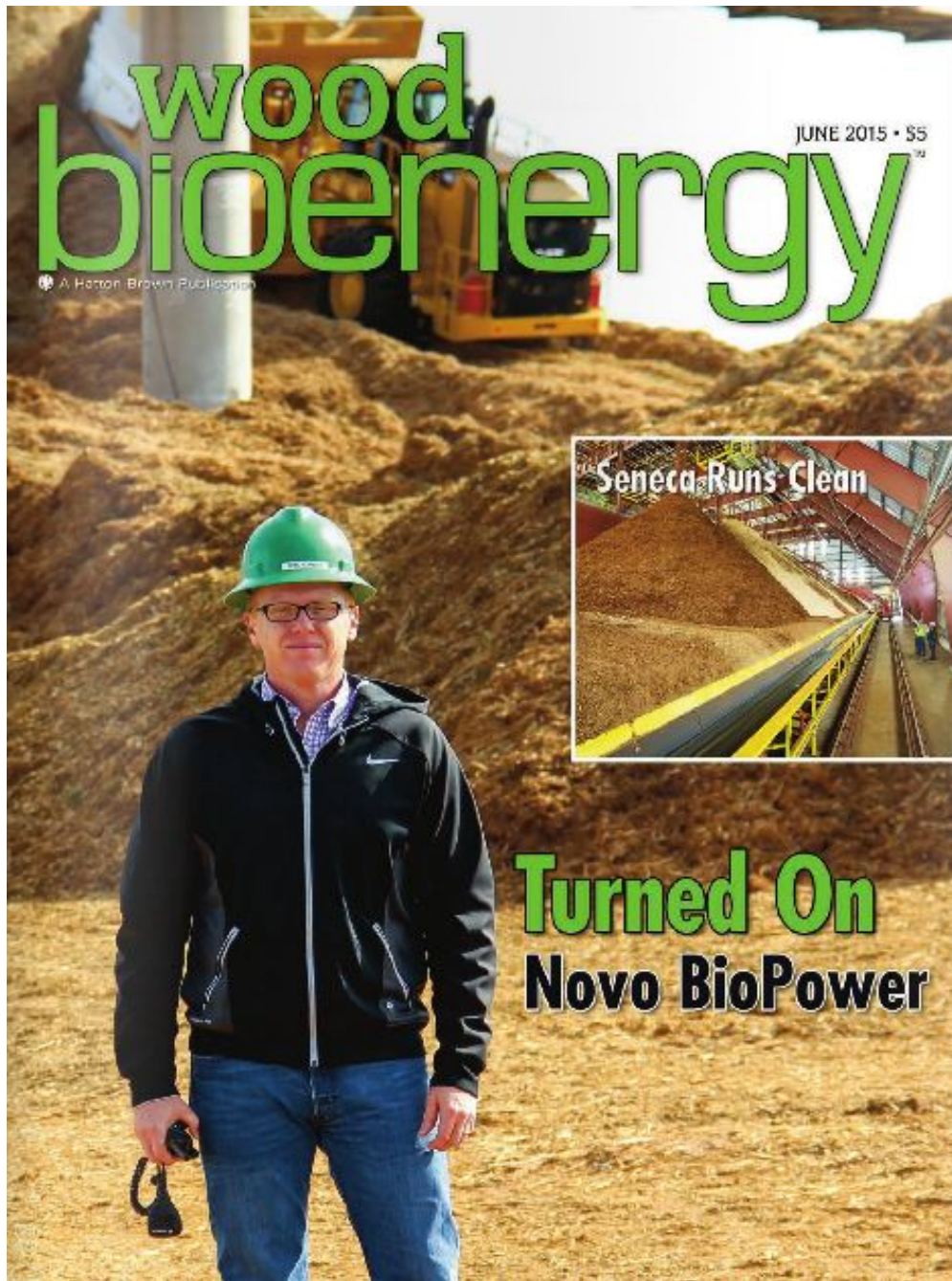




WHERE ARE THE BIOMASS PLANTS?

- ❖ Snowflake, AZ
- ❖ Show Low, AZ
- ❖ Casa Grande, AZ
- ❖ Maricopa, AZ
- ❖ Eagar, AZ (in development)





SNOWFLAKE, AZ

- ❖ **Novo BioPower**
 - 25MW Power Plant
- ❖ **Southwest Renewable Resources**
 - Wood Heating Pellet Plant





SHOW LOW, AZ

- ❖ **Forest Energy Corp.**
 - **Wood Heating Pellet Plant**





CASA GRANDE, AZ

- ❖ Frito-Lay Plant
 - Snack Foods





HOW TO EXPAND BIOMASS USE

❖ State Tax Incentives

- Arizona Commerce Authority

❖ Federal Incentives

- Biomass Crop Assistance Program (BCAP)





HOW TO EXPAND BIOMASS USE

❖ Grant Programs

- USDA Wood Innovations Grant
- Arizona Biomass Enterprise Team Grant





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<https://forestryandfire.az.gov/forestry-community-forestry/utilization-marketing>

