



## South Tahoe Refuse Wood Energy

<b>Project Number</b>	02.01.01.0141
<b>Action Priority</b>	Reduce Hazardous Fuels
<b>Implementers</b>	Private
<b>Supporting Agencies</b>	U.S. Forest Service - Lake Tahoe Basin Management Unit
<b>Primary Contact</b>	Catherine Howells (chowells@southtahoerefuse.com)

<b>Stage</b>	Planning/Design	<b>Duration</b>	2022 - 2026
<b>Total Project Cost</b>	\$3,000,000	<b>Funding Request</b>	\$3,000,000

### Community Wildfire Protection Program > Reduce Hazardous Fuels

*No Key Photo provided for this Project*

South Tahoe Refuse & Recycling (STR) is exploring the installation of a 125-250kW wood waste gasifier at its South Lake Tahoe facility. Gasification has been around since the early 1800's – instead of burning, chemical reactions turn the green waste into a gas that is a cleaner substitute for fossil fuels. If installed, the net metering system would offset the majority of grid electricity and natural gas used at the STR site by using 10-15% of the wood waste currently collected by STR, and reduce traffic and emissions from transporting waste material out of the Basin by over 70 truckloads each year.

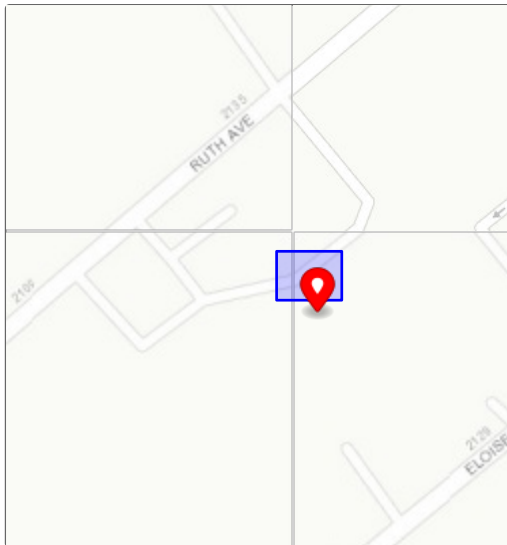
#### Targeted Performance Measures

- Tons of Biomass Utilized

#### Threshold Categories

- Transportation and Sustainable Communities
- Vegetation Preservation

#### Location



#### Targeted Funding

- Secured Funding: Wood Innovations Gran... (USFS - LTBMU), \$287,711
- Targeted Funding: Wood Innovations Gran... (USFS - LTBMU), \$3,000,000

## Photos

*No additional photos provided*

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Project Fact Sheet Data as of 05/07/2025