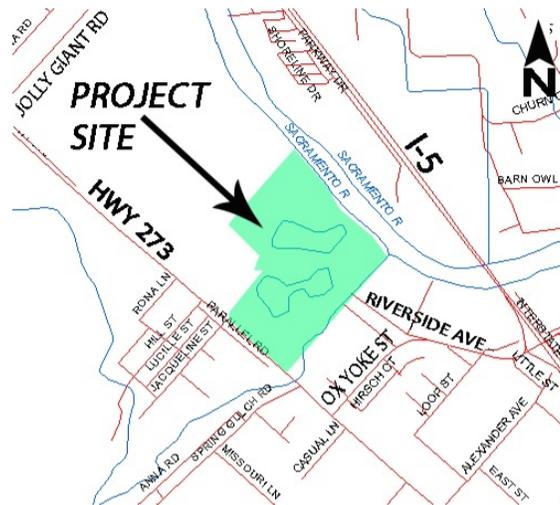


**PUBLIC NOTICE OF AVAILABILITY  
AND OPPORTUNITY TO REVIEW AND SUBMIT WRITTEN COMMENTS REGARDING THE  
SIERRA PACIFIC INDUSTRIES COGENERATION POWER PROJECT  
DRAFT ENVIRONMENTAL IMPACT REPORT  
AUGUST 6, 2010**

**PROJECT TITLE:** Use Permit 07-021, Sierra Pacific Industries Cogeneration Power Project

**APPLICANT:** Sierra Pacific Industries, P.O. Box 496014, Redding, CA 96049-6014

**PROJECT LOCATION:** The project site is an existing Sierra Pacific Industries (SPI) lumber manufacturing facility located in Shasta County, immediately northwest of the City limits of Anderson. The project site is a 121.39-acre parcel at the end of Riverside Avenue, .5 miles west of the Interstate 5 Interchange. Shasta County Assessor's Parcels: 050-110-023 and 050-110-025.



**PROJECT DESCRIPTION:** The proposed project consists of the construction and operation of a new cogeneration power facility, including a new fuel shed, boiler building, turbine building, cooling tower, electrostatic precipitator, ash silo and electric substation, on the SPI Anderson sawmill site. The boiler associated with the plant would burn biomass fuel (i.e., non-treated wood and agricultural crop surplus, as well as urban wood waste) generated by the lumber manufacturing facility on-site, regional lumber manufacturing facilities, and other biomass fuel sources to produce up to 250,000 pounds of steam per hour. The steam would be used to dry lumber in existing kilns and to power a steam turbine. The steam turbine would drive a generator that would produce up to 31 MW of electricity. Approximately 7 MW would be used to power on-site equipment; the remainder would be sold on the open market. The electricity that is sold would originate from the on-site electric substation and be transferred to the local power grid for distribution to the purchaser.

The final design of the biomass-fired boiler has not been determined. It would have a maximum annual average heat input of approximately 425.4 million British thermal units per hour (MMBtu/hr) and a maximum steam generation rate of 250,000 pounds per hour (lb/hr). Over short-term periods, the boiler may be fired at heat input rates that exceed the annual average rate: an hourly maximum of 468.0 MMBtu/hr (10 percent greater than the annual average), and a maximum 24-hour average of 446.7 MMBtu/hr (5 percent greater than the annual average). The boiler would be equipped with two natural gas burners, each with a maximum rated heat input of 62.5 MMBtu/hr, for start up and flame stabilization. The cogeneration unit design would incorporate a selective non-catalytic reduction (SNCR) system to reduce emissions of oxides of nitrogen (NOx), as well as a multiclone and electrostatic precipitator (ESP) to control emissions of particulate matter (PM). A closed-loop two-cell cooling tower would be used to dispose of waste heat from the steam turbine.

An existing smaller cogeneration plant that currently provides electricity and steam for on-site use would be maintained as a backup facility so that the sawmill operation can be normalized during maintenance operations on the new cogeneration plant. The two on-site cogeneration plants would not be permitted to operate simultaneously.

**SIGNIFICANT ENVIRONMENTAL EFFECTS:** The Draft Environmental Impact Report (DEIR) discusses potentially significant environmental impacts in the following areas of concern: aesthetics, air quality and climate change, biological resources, cultural resources, geology and soils, hazards and hazardous materials, hydrology and water quality, noise, public services, recreation, and utilities, and transportation and circulation. The DEIR concluded that:

The following significant and potentially significant environmental effects would be reduced to less-than-significant after mitigation: light and glare, fugitive dust and vehicle emissions, operational emissions of certain air pollutants, adverse effects on biological resources, adverse change in the significance of cultural resources, adverse effects related to soil stability, adverse effects from hazardous materials storage & transport, adverse effects on water quality, and adverse effects from noise exposure.

The following significant environmental effects would remain cumulatively considerable and/or significant and unavoidable: degradation of visual character, adverse traffic circulation effects at the Interstate 5/Riverside Avenue Interchange, adverse operational emissions of certain air pollutants, and adverse operational emissions of greenhouse gas.

**WHY THIS NOTICE?** Shasta County, as lead agency, has completed a Draft Environmental Impact Report for this project. The DEIR will be available for review and comment for 46 days beginning Friday, August 6, 2010. Written comments are encouraged and will be accepted through 5:00 p.m. on Monday, September 20, 2010. Please provide your written comments to the Shasta County Department of Resource Management, Planning Division, 1855 Placer Street, Suite 103, Redding, California 96001, Attention: Lio Salazar, Associate Planner.

**QUESTIONS & FURTHER INFORMATION:** The DEIR and other project information are available for review at the Shasta County Department of Resource Management, Planning Division at the above address, on weekdays between 8:00 a.m. and 5:00 p.m. Copies may be purchased on disc or paper from Pages Copy Center, 1698 Market Street, Redding, CA, 96001, (530) 246-9178.

The DEIR is also available for review at the Shasta Community Libraries in Anderson (530) 365-7685 and Redding (530) 245-7250, during regular library hours. It is also available on the Internet at: [www.co.shasta.ca.us](http://www.co.shasta.ca.us). Go to the Resource Management home page and scroll to the bottom of the page. Click on Sierra Pacific Cogeneration Project. If you have any questions or would like to make an appointment to review the project information, please call Lio Salazar, Associate Planner, (530) 225-5532.