Appendix F

Cumulative Projects List

Project Name	Location	Description	Project Status
Biomass Projects			
Wallowa Resources Community Solutions	5400 Obyrnes Ferry Road, Jamestown, California (APN 063-070-086)	The project would include a small sawmill and woody biomass heating system. The feedstock for the facility would come from forest sources.	Environmental review is in progress
Tuolumne BioEnergy, Inc.	Camage Avenue, Sonora, California (APNs 061-150-047 and -046)	The project would produce wood pellets. The facility would use direct combustion of woody biomass to power the facility with both electricity and process heat (for drying the wood prior to pelletizing. The facility would use a 400 kilowatt (KW) electrical generator and salvage 2,000 KW of thermal heat for drying the woody biomass feedstock. The feedstock for the facility would come from forest sources. Activities at the site would include chipping and grinding of woody biomass chips. The facility would also have a diesel fired standby and startup generator of around 100 KW.	Environmental review is in progress
Biocarbon Technologies	8933 State Route 120, Chinese Camp, California (APN 064-340-007)	The facility would produce biochar.	Environmental review is in progress
Biomass Facilities in Tuolumne County			
American Wood Fibers	12015 La Grange Road, Jamestown, California	The facility produces consumer packaged goods including premium wood pellet fuel, equine bedding, and professional grade wood flour (used in products like decking, absorbents and adhesives). Products are made from wood fibers, wood shavings, sawdust, bagged shavings, fibers for biomass, wood chips, paper fibers, and agricultural fibers.	Existing facility
Sierra Pacific Industries (SPI) Sonora Plant (sawmill and bark and chip products)	14980 Camage Avenue Sonora, California	This facility produces decorative bark from conifers processed at SPI sawmills. Chips, bark, shavings, and sawdust are leftover during the lumber and millwork making process. The sawmill includes a biomass power plant (10.9 megawatts) that primarily combusts by-products from its own sawmills.	Existing facility
SPI Fencing Operations	14333 Perri Cone Road, Chinese Camp, California	This facility is a sawmill that produces fencing from high grade, second-	Existing facility

Project Name	Location	Description	Project Status
		growth logs provided by Sierra Pacific forest lands and other local sources.	
SPI Keystone Bark Plant	12015 La Grange Road, Jamestown, California	This is an existing bark and landscape materials processing facility	Existing facility
Pacific Ultrapower Chinese Station (PUCS) Biomass	8755 Enterprise Dr, Jamestown, California	The facility is a 19.8 MW biomass plant utilizing wood fuel from forest management operations (such as pre-commercial thinning or dead tree removal), urban construction and demolition wood, and agricultural products such as nut shells and orchard prunings. The plant operates under a BioRAM contract, which requires it to primarily utilize fuel from High Hazard Zones. The power produced by PUCS is purchased by Pacific Gas & Electric under a long-term Power Purchase Agreement. PUCS is a partnership venture between IHI Power Generation Corp. and Jamestown Energy with IHI Power Services Corporation (IPSC) serving as the managing partner. IPSC provides operations and maintenance services under an Operations and Maintenance agreement.	Existing facility [include notes from discussion with manager of this facility]
Ron Trout Portable Sawmill Service	Twain Harte, California	Works with landowners to turn logs into lumber for construction, fencing, hardwood flooring, and trim.	Existing business
Forest Management Projects			
Stanislaus National Forest Prather-Medusa Forest Resilience Project	The project area is located near Prather Meadows, Big Rattlesnake Creek, and Little Rattlesnake Creek, Tuolumne County, California	The project would implement vegetation management actions (e.g., biomass removal, hand thinning, mastication, mechanical thinning, prescribed burning, salvage) within a 7,132-acre project area.	The Decision Notice was signed March 17, 2021. Implementation could begin in 2021.
Stanislaus National Forest Social and Ecological Resilience Across the Landscape Project	The project area is located south and east of the North Fork Stanislaus River and north and west of the North Fork Tuolumne River, Tuolumne County, California	The project is a landscape-scale planning and active management project that would involve vegetation management focused on fuel reduction and forest thinning treatments designed to realign the landscape structure and composition. Activities would include prescribed fire, hand thinning, mastication, mechanical thinning, and non-native invasive weed control and eradication in a 116,692-acre project area.	Environmental review is in progress

Project Name	Location	Description	Project Status
Stanislaus National Forest National Disaster Resilience Competition Fuel Breaks Project	The project area is located between SR 108 to the north and Wagner Ridge to the south	The project would reduce ladder fuels and establish eight 300-foot-wide shaded fuel breaks totaling 22 linear miles (approximately 1,810 acres). Treatment methods would include mechanical treatments, hand treatments, pile burning, and herbicide treatments (U.S. Forest Service lands only).	Treatments are anticipated to begin in 2020 and be completed in 2021.
Other forest management projects	Tuolumne County	Analysis done for the California Biomass Utilization Facility Feedstock Supply Report (HCD 2018) estimates that after taking into account existing demand for forest derived feedstocks, there is an estimated 33,292 bone dry tons per year of practically available forest derived feedstocks.	Ongoing
Other Sources of Biomass			
Tree service debris	Tuolumne County	Tree service companies and electric utilities generate biomass from tree trimmings.	Ongoing
Urban and industrial woody biomass	Tuolumne County	Urban and industrial wood waste is generated as part of the municipal solid waste (MSW) stream and is related to the population of an area.	Ongoing