GLENN COUNTY
Planning & Community Development Services Agency

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Mardy Thomas, Director

REQUEST FOR REVIEW / EARLY CONSULTATION

COUNTY DEPARTMENTS/DISTRICTS

- ☒ Glenn County Agricultural Commissioner
- ☒ Glenn County Air Pollution Control District/CUPA
- ☒ Glenn County Assessor
- ☒ Glenn County Building Inspector
- ☒ Glenn County Engineering & Surveying Division
- ☒ Glenn County Environmental Health Department
- ☒ Glenn County Sheriff's Department
- ☐ Glenn County Board of Supervisors
- ☐ Glenn County Counsel
- ☐ Glenn County Planning Commission
- ☐ Glenn LAFCO

FEDERAL AGENCIES

- ☐ U.S. Army Corps of Engineers
- ☐ U.S. Fish and Wildlife Service
- ☐ U.S. Department of Agriculture
- ☐ U.S. Bureau of Reclamation – Willows
- ☐ Federal Aviation Administration
- ☐ Federal Communications Commission

OTHER

- ☐ California Water Service Co. (Chico)
- ☐ Sacramento River National Wildlife Refuge

- ☐ Comcast Cable (Chico Office)
- ☐ Community Services District:
- ☒ Pacific Gas and Electric Company (PG&E)
- ☒ Fire Protection District: Glenn-Codora
- ☒ Glenn County Resource Conservation District

STATE AGENCIES

- ☒ Central Valley Flood Protection Board
- ☒ Central Valley Regional Water Quality Control Board (RWQCB)
- ☒ State Water Resources Control Board – Division of Drinking Water
- ☐ Department of Alcoholic Beverage Control (ABC)
- ☐ Department of Conservation, Office of Mine Reclamation (OMR)
- ☒ Department of Conservation, Division of Oil, Gas, and Geothermal Resources
- ☒ Department of Fish and Wildlife
- ☒ Department of Food and Agriculture
- ☒ Department of Air Resource Board (CARB)
- ☒ Department Environmental Protection Agency (CalEPA)
- ☐ Department of Public Health
- ☒ Department of Toxic Substances Control (DTSC)
- ☒ Department of Transportation (Caltrans)
- ☐ Department of Water Resources (DWR)
- ☒ Office of the State Fire Marshall
- ☒ Cal Recycle

- ☐ Northeast Center of the California Historical Resources Information System
- ☒ Grindstone Rancheria of Wintun-Wailaki
- ☒ Paskenta Band of Nomlaki Indians
- ☒ Mechoopda Indian Tribe of Chico Rancheria
- ☒ Colusa Indian Community Council Cachi Dehe Band of Wintun Indians

DATE: November 18, 2026

PROJECT: **Conditional Use Permit 2024-004, Amendment, Carriere/Syntech CF1, LLC Advanced Thermal Conversion**

PLANNER: Andy Popper, Principal Planner; apopper@countyofglenn.net

APPLICANT: Syntech CF1, LLC
PO Box 107
Morris, IL, 60450
(817) 789-5095

LANDOWNER: Carriere Family Farms
1640 State Highway 45 (mailing)
Glenn, CA 95943
(530) 934-8200

ENGINEER/: Doug McFarland
SITE PLAN PO Box 107
Morris, IL, 60450
(614) 208-7258

PROPOSAL: **Conditional Use Permit 2024-004, Amendment**
Carriere/Syntech CF1, LLC Advanced Thermal Conversion

The applicant, SynTech CF1, LLC ("SynTech" or “Applicant”), requests an amendment to the previously approved, CUP 2024-004 primarily to relocate the approved, but yet to be constructed, Advanced Thermal Conversion ("ATC") facility (the “Project”) from 1640 State Route 45, to the Carriere Hulling and Drying Facility located at 7693 State Highway 162, Glenn, California (the "Huller Site"). The amendment also includes related modifications necessary to support operating the Project at the Huller Site; however, the Project remains an ATC facility that converts feedstock, agricultural biomass (primarily waste walnut shells ("WWS"), into renewable natural gas (“RNG”) and biochar.

The Project will operate on a 24/7 basis to remediate approximately 135,000 tons a year of agricultural biomass (primarily WWS) from an existing onsite walnut shelling facility as well as from regional producers. Waste walnut shells are converted into syngas using SynTech's proprietary BioMax® ATC process. The syngas is then upgraded through the LiquiMax® methanation process into approximately 1,600,000 MMBtu/year of RNG. The RNG is conditioned, tested, metered, and compressed to ensure it complies with PG&E’s pipeline specifications. It is then injected directly into the adjacent PG&E natural gas distribution system. The Project will consist of the following six main operational components:
1. Feedstock receiving and storage facilities; 2. BioMax® Advanced Thermal Conversion equipment; 3. LiquiMax® methanation and gas upgrading equipment; 4. RNG compression, metering, testing, and pipeline injection facilities; 5. Biochar handling and storage facilities; and 6. Associated utility, electrical, safety, and support infrastructure.

The Project receives feedstock from Carriere Family Farms as well as other regional walnut growers and processors from trucks currently carrying waste shells on regional roadways for disposal or processing elsewhere. Walnut shells will be moved from the truck unloading zone to the ATC facility via an enclosed conveyor system to a secondary waste walnut shell storage building used specifically for the ATC process. The Project will draw limited power from the local utility grid. Most of the operational power and, in the case of grid interruption, all emergency power will be supplied by non-combustion linear generators.

The Project will not generate waste requiring off-site disposal. The primary product is RNG, and the process byproduct is high-value biochar, representing approximately 4% of the incoming feedstock by weight. Biogenic feedstock will be received, tested, and conveyed through enclosed handling systems to on-site storage and feed silos before entering the BioMax® ATC process. Following thermal conversion, the biochar will be transferred through an enclosed auger system into sealed, 500-pound storage containers with protective liners for temporary on-site storage. The biochar will remain sealed until shipped to off-site facilities for beneficial reuse in the production of graphene, graphite, activated carbon, carbon black, and other industrial and agricultural products.

LOCATION: The project is re-located to south of State Route 162, at 7693 State Highway 162, east of County Road V, north of County Road 53, and west of County Road WW, in the unincorporated area of Glenn County, California.

ZONING: "FS-80" Farmland Security Zone

GENERAL PLAN: "Intensive Agriculture"

APN: 016-090-016 (145.75± acres)

FLOOD ZONE: The project site is in Flood Zone "A" according to Flood Insurance Rate Map (FIRM) No. 06021C0650D, dated August 8, 2010 issued by the Federal Emergency Management Agency (FEMA). Flood Zone "A" (unshaded) consists of areas subject to inundation by the 1-percent-annual-chance flood event generally determined using approximate methodologies. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown. Since the project site is within Flood Zone "A" as designated by FEMA, a Flood Elevation Certificate will be required before issuance of a Building Permit in accordance to Glenn County Code §15.54.

The Glenn County Planning Division is requesting comments on this proposal for determination of completeness, potential constraints, and/or proposed conditions of approval. If comments are not received by **Friday, December 11, 2026,** it is assumed that there are no specific comments to be included in the initial analysis of the project. Comments submitted by e-mail are welcomed. Thank you for considering this matter.

AGENCY COMMENTS:

Please consider the following:

1. Is the information in the application complete enough to analyze impacts and conclude review?

2. Comments may include project-specific code requirements unique to the project. Cite code section and document (i.e. General Plan, Subdivision Map Act, etc.).

3. What are the recommended Conditions of Approval for this project and justification for each Condition? When should each Condition be accomplished (i.e. prior to any construction at the site, prior to recording the parcel map, filing the Final Map, or issuance of a Certificate of Occupancy, etc.)?

4. Are there significant environmental impacts? What mitigation(s) would bring the impacts to a less than significant level? When should mitigation(s) be accomplished (i.e. prior to recording parcel map, filing Final Map, or Certificate of Occupancy, etc.)?