

1.2 AGRICULTURE AND FORESTRY RESOURCES

The following discussion evaluates the potential changes in impacts associated with agriculture and forestry resources and the conclusions from the Proponent’s Environmental Assessment (PEA) with the incorporation of the Proposed Project’s design modifications as described in the redlined version of Chapter 3 – Project Description. The table below summarizes the impact determinations from the PEA and the impact determinations with the incorporation of the design modifications.

Would the project:	PEA Impact Determination	Impact Determination with Design Modifications
a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?	No Impact	No Impact
b) Would the project conflict with existing zoning for agricultural use or a Williamson Act contract?	No Impact	No Impact
c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	No Impact	No Impact
d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?	No Impact	No Impact
e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	No Impact	No Impact

Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?

Construction, Operations and Maintenance

LSPGC and PG&E Components

No Impact. The proposed Pacific Gas and Electric Company (PG&E) 500 Kilovolt (kV) Transposition Structures A, B, and C and the associated work areas in Solano County would be located on lands designated as Grazing Land by the California Department of Conservation’s (DOC’s) Farmland Mapping and Monitoring Program (FMMP). The proposed PG&E 500 kV Transposition Structure D and associated work areas in Contra Costa County would be located on lands designated as Farmland of Local Importance (DOC 2024b). Although the proposed PG&E 500 kV Transposition Structures would occur on Grazing Land and Farmland of Local

Importance, no Prime Farmland, Unique Farmland, or Farmland of Statewide Importance would be converted to nonagricultural use. Design modifications to the remaining LS Power Grid California, LLC (LSPGC) and PG&E Proposed Project components would occur within the same Grazing Land or Urban and Built-Up Land FMMP designations previously evaluated in the PEA. Therefore, design modifications to the remaining LSPGC and PG&E Proposed Project components would not cause Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to be converted to nonagricultural use. As a result, and consistent with the PEA, no impacts would occur.

Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

Construction, Operations and Maintenance

LSPGC and PG&E Components

No Impact. The proposed PG&E 500 kV Transposition Structure B and its associated work areas on Assessor's Parcel Number (APN) 48010220, as well as the proposed PG&E 500 kV Transposition Structure C and its associated work areas on APNs 90090060 and 90090070, would occur on parcels under Williamson Act contracts (DOC 2024a). Consistent with the analysis in the PEA, because these proposed transposition structures would be located within PG&E's the existing right-of-way (ROW), they would not conflict with the existing Williamson Act contracts. Design modifications to the remaining LSPGC and PG&E Proposed Project components would not occur on parcels under Williamson Act contract. As a result, and consistent with the PEA, no impacts would occur.

The proposed PG&E 500 kV Transposition Structures A, B, and C and their associated work areas would be located on lands zoned as Exclusive Agriculture (A-80, A-160) (Solano County 2024b). Design modifications to the remaining LSPGC and PG&E Proposed Project components would occur in the same Solano County Exclusive Agriculture (A-160) or Suisun Marsh Agriculture (ASM-160) zoning district or outside agricultural zoning districts. Consistent with the analysis in the PEA, a Solano County-issued use permit (Solano County 2024a) would be secured prior to the construction of these components. As a result, the design modifications would not cause the Proposed Project to conflict with Solano County's A-80, A-160, or ASM-160 zones, and the impact determination in the PEA would not change.

Proposed PG&E 500 kV Transposition Structure D would be located on lands zoned as General Agriculture (A-2, A-3) (Contra Costa County 2024a). As stated in Section 82-2.010 of the Contra Costa County Code, the use of land for ROWs for the construction and repair of public utilities is not regulated or restricted by Division 82 General Regulations and Division 84 Land Use Districts (Contra Costa County 2024b). As a result, and consistent with the PEA, no impacts would occur.

O&M activities associated with the proposed PG&E 500 kV Transposition Structures would be included in routine inspections of PG&E's existing Vaca Dixon-Tesla 500 kV Transmission Line. The proposed LSPGC 230 kV onshore riser structures would be included in the proposed O&M activities for the proposed LSPGC 230 kV Overhead Segment. The design modifications associated with the remaining LSPGC and PG&E Proposed Project components would not affect

the O&M activities described in the PEA. As a result, and consistent with the PEA, no impacts would occur from O&M activities.

Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

Construction, Operations and Maintenance

LSPGC and PG&E Components

No Impact. None of design modifications would be located on forest land, timberland, or timberland zoned Timberland Production. As a result, and consistent with the PEA, no impacts would occur.

Would the project result in the loss of forest land or conversion of forest land to non-forest use?

Construction, Operations and Maintenance

LSPGC and PG&E Components

No Impact. No areas of forest land are located in the vicinity of any of the design modifications. As a result, and consistent with the PEA, no impacts would occur.

Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

Construction, Operations and Maintenance

LSPGC and PG&E Components

No Impact. As discussed previously, LSPGC and PG&E design modifications would not cause the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to nonagricultural use. In addition, LSPGC and PG&E design modifications would not occur on forest land. As a result, and consistent with the PEA, no impacts would occur.

References

California DOC. 2024a. California Williamson Act Enrollment Finder. Online.
<https://maps.conservation.ca.gov/dlrp/WilliamsonAct/App/index.html>. Site visited December 2024.

California DOC. 2024b. Farmland Mapping and Monitoring Program. Online.
<https://www.conservation.ca.gov/dlrp/fmmp/>. Site visited December 2024.

Contra Costa County. 2024a. Property and Zoning Research. Online.
<https://www.contracosta.ca.gov/4843/Property-Zoning-Lookup>. Site visited December 2024).

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Contra Costa County. 2024b. Title 8 Zoning. Online.

<https://www.contracosta.ca.gov/4736/Zoning-Code-and-Area-Wide-Planned-Unit-D>. Site visited December 2024.

Solano County. 2024a. Chapter 28 Zoning Regulations. Online.

<https://www.codepublishing.com/CA/SolanoCounty/#!/SolanoCounty2800/SolanoCounty2802.html>. Site visited December 2024.

Solano County. 2024b. Zoning Maps. Online.

https://www.solanocounty.com/depts/rm/planning/zoning_maps.asp. Site visited December 2024.