

WSD Data Schemas Draft V2 (2020-09-09) - Asset Point

Point Camera	ı							
Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific camera. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Camera table.	Data provided in latest submission? (Yes/ No) NO	Availability Explanations Currently we do not have points for cameras becasue we do not have camers installed	Data procurement actions We will consult LU WSD team to plan the installation of cameras	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
3 AssetType	Asset Type	text(10)		Type of point asset. Required value: Camera	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
4 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
5 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
6 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
7 County	County	text(60)		County in which asset is located.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
8 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
9 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MIM-DD format. Leave blank if unknown. Do not include time.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
10 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
11 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
12 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
13 CameraHeight	Camera Height (feet)	float		Height of camera (in feet) above the ground below it.	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
14 CameraURL	Camera URL	text(255)		Website address for camera video feed (if publicly available).	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
15 AssetLatitude	Asset Latitude	float		Latitude coordinate of asset (in decimal degrees).	NO	Currently we do not have points for cameras becasue we do not have camers installed	We will consult LU WSD team to plan the installation of cameras	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion

of enterprise GIS system upgrade.

								of enterprise GIS system upgrade.	
Point Connection Device Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific connection device. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Connection Device table.	Data provided in latest submission? (Yes/ No) Yes	Availability Explanations We mapped Asset ID to Facility ID (There are points with out facility ID)	Data procurement actions We will need to find or create facility IDs for missing IDs	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 AssetType	Asset Type	text(50)		Type of point asset. Required value: Line connection device	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4 AssetOHUG	Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground Unknown	No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
5 ConnectionDeviceType	Connection Device Type	text(30)	Domain	What type of connection device is the asset? Possible values: Splice Connector Clamp Other – See comment. Unknown	Yes	We mapped ConnectionDeviceType to Subtype. Subtype is Domain field.			Yes
6 ConnectionDeviceTypeComment	Connection Device Type Comment	text(30)		Connection device type not listed in the options above.	Yes	We have Other: 'Overhead Primary Tap' and 'Overhead Secondary Tap'			Yes
7 ConnectionDeviceSubtype	Connection Device Subtype	text(30)	Domain	What is the specific subtype of the connection device? Automatic Splice Crimp Splice Explosive Sleeve Splice (i.e. permanent, fused) 3-bolt Parallel Groove Unknown Other – See comment.	No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
8 ConnectionDeviceSubtypeComme	nt Connection Device Subtype Commer	nt text(30)		Connection device subtype not listed in the options above.	No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
9 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A		Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
10 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A		Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
11 FromStructureID	From Structure ID	text(50)	FK	ID of the structure upstream of the span of line containin, a connection device. This structure may be a support structure (e.g., pole or tower) if the span is overhead, and it may be something else (e.g., manhole, vault, etc.) if the span is underground. Foreign key to the Support Structur table.		We mapped FromStructureID to StructureNumber. However, we don't have 'From' and 'To'. We also don't have this field populated on all data.	e We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
12 ToStructureID	To Structure ID	text(50)	FK	ID of the structure upstream of the span of line containin, a connection device. This structure may be a support structure (e.g., pole or tower) if the span is overhead, and it may be something else (e.g., manhole, vault, etc.) if the span is underground. Foreign key to the Support Structur table.	- I	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
13 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes	We mapped CircuitId to FeederID.			Yes
14 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

Currently we do not have points for cameras becasue we do not We will consult LU WSD team to plan the

installation of cameras

have camers installed

To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion

16 AssetLongitude

Asset Longitude

float

Longitude coordinate of asset (in decimal degrees). NO

15 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign key to the Substation table.	No
16 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
17 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No
18 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No
19 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2	Yes
20 County	County	text(50)		Zone 1 Non-HFTD County in which asset is located.	No
21 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
22 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
23 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No
24 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values:	No
				0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	
25 UsefulLifespan	Useful Lifespan	Integer		10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >>100 Unknown	No
25 UsefulLifespan 26 ExemptionStatus	Useful Lifespan Exemption Status	Integer text(10)	Domain	10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >-100 Unknown N/A (only enter this if there is an "InstallationYear" value) The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	
			Domain	10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value) The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown. Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. Possible values: Yes No Unknown	

Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We don't have this field in feature class but it was populated according to your guidelines.			Yes
We don't have this field in feature class but it was populated according to your guidelines.			Yes

Point Customer Meter									
Column Field Name 1 MeterID	Alias Meter ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific meter. It should be a traceable stable ID within the utility's operations/processes. Primarkey for the Customer Meter table.	Data provided in latest submission? (Yes/ No) Yes Y	Availability Explanations We don't have this field populated on all of our customer data	Data procurement actions We will consult LU WSD team	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 AssetType	Asset Type	text(30)		Type of point asset. Required value: Customer meter	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes	We mapped CircuitId to FeederID.			Yes
5 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
6 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign key to the Substation table.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
7 SubstationName	Substation Name	text(30)		Name of substation associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
8 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
9 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
10 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
11 County	County	text(50)		County in which asset is located.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
12 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
13 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
14 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)		Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
15 AssetLatitude	Asset Latitude	float		Latitude coordinate of asset (in decimal degrees).	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
16 AssetLongitude	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes

Point Fuse									
Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific fuse. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Fuse table.	Data provided in latest submission? (Yes/ No) Yes	Availability Explanations We mapped Asset ID to Facility ID (There are points with out facility ID)	Data procurement actions We will need to find or create facility IDs for missing IDs	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility	Yes	We don't have this field in feature class but it was populated as			Yes
3 AssetOHUG	Asset OH or UG	text(30)	Domain	("UtilityG&E," etc.). Is the asset overhead or underground? Possible values: Overhead Underground Unknown	Yes	'LIBERTY' according to your guidelines. We mapped AssetOHUG to Subtype. Subtype is a domain field.			Yes
4 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage(domain field). Some fuses are missing the value.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
5 AssociatedOperatingVoltagekV	AssociatedOperatingVoltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage(domain field). Some fuses are missing the value.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
6 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
7 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
8 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes	We mapped CircuitId to FeederID.			Yes
9 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
10 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
11 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
12 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
13 County	County	text(50)		County in which asset is located.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
14 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
15 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
16 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

17 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
18 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
19 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a usefu functioning existence upon initial installation. Use -99 for unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
20 ExemptionStatus	Exemption Status	text(10)	Domain	Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. Possible values: Yes No Unknown N/A	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
21 FuseRating 22 AssetType	Fuse Rating (A) Asset Type	float text(30)	Domain	The nominal current rating of the fuse in amperes. Type of fuse device. Possible values: Bridged Current limiting Expulsion Fused elbow Unknown Other – See comment.	Yes No	We mapped FuseRating to our Comment field Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
23 AssetTypeComment	Asset Type Comment	text(50)		Fuse asset type not listed in the options above.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
24 AssetSubtype	Asset Subtype	text(30)		What is the specific subtype of the fuse device?	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
25 AssetLatitude 26 AssetLongitude	Asset Latitude Asset Longitude	float		Latitude coordinate of asset (in decimal degrees). Longitude coordinate of asset (in decimal degrees).	Yes Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated. We do have this field as 'double'. In your .gdb it's a float.		Yes
· 	, social congression	11000		zongrade donamate or asset (in decimal degrees).		Therefore, it was repopulated.		
Point Lightning Arrestor Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific lightning arrestor. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Lighting Arrestor table.	Data provided in latest submission? (Yes/ No) NO	Availability Explanations Currently we do not have points for lightning arrestors becasue we do not have camers installed	Data procurement actions We will consult LU WSD team to plan the installation of lightning arrestors	Estimated delivery timeframe Confidential? (Yes/No) To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
3 AssetType	Asset Type	text(30)		Type of point asset. Required value: Lightning arrestor	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
4 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

5 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	NO
6 SupportStructureID	Support Structure ID	text(50)		Unique ID for support structure to which a lightning arrestor is attached. It should be a traceable stable ID within the utility's operations/processes.	NO
7 SubstationID	Substation ID	text(50)		ID of substation associated with asset. Foreign Key to the Substation table.	NO
8 SubstationName	Substation Name	text(50)	FK	Name of substation associated with asset.	NO
9 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	NO
10 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	NO
11 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	NO
12 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	NO
13 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1	NO
14 County	County	text(50)		Non-HFTD County in which asset is located.	NO
15 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
16 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
17 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
18 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	NO

Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

19 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationPaer" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >-100 Unknown N/A (only enter this if there is an "InstallationYear" value)	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
20 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
21 ExemptionStatus	Exemption Status	text(10)	Domain	Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. Possible values: Yes No Unknown N/A	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
22 ArrestorRating	Arrestor Rating (kV)	float		Rating of the lightning arrestor in kilovolts.	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
23 AssetLatitude	Asset Latitude	float		Latitude coordinate of asset (in decimal degrees).	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
24 AssetLongitude	AssetLongitude	float		Longitude coordinate of asset (in decimal degrees).	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Point Substation Column Field Name 1 SubstationID	Alias Substation ID	text(50)	Charateristic PK	Description ID of substation associated with asset. Primary key for the Substation table.	Data provided in latest submission? (Yes/ No) No	Availability Explanations Currently, we don't have this field in our system.	Data procurement actions We will consult LU WSD team	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility	Yes	We don't have this field in feature class but it was populated as		Yes
3 AssetType	Asset Type	text(30)		("UtilityG&E," etc.). Type of point asset. Required value: Substation	Yes	'LIBERTY' according to your guidelines. We mapped AssetType to our Subtype		Yes
4 SubstationName 5 SubstationNominalVoltagekV	Substation Name Substation Nominal Voltage (kV)	text(50) float		Name of substation. Nominal voltage (in kilovolts) ratings associated with the substation. Include all applicable voltages separated by slashes (e.g., "230/139/69/12"). Enter "-99" if N/A.	Yes No	We mapped SubstationName to our Name Currently, we don't have this field in our system.	We will consult LU WSD team	Yes To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
6 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) ratings associated with the substation. Include all applicable voltages separated by slashes (e.g., "230/139/69/12"). Enter "-99" if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to our Voltage (domain field). We don't have Voltage for all of our substations.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
7 SubstationRating	Substation Rating	float		Power rating of the substation in mega volt amps (MVAs).	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
8 SubstationType	Substation Type	text(10)	Domain	Type of substation. Possible values: Network Loop Radial	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

9 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
10 County	County	text(50)		Non-HFTD County in which asset is located.	Yes	We don't have this field in feature class but it was populated.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
11 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
12 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
13 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
14 AssetLatitude 15 AssetLongitude	Asset Latitude Asset Longitude	float		Latitude coordinate of asset (in decimal degrees). Longitude coordinate of asset (in decimal degrees).	Yes Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated. We do have this field as 'double'. In your .gdb it's a float.			Yes Yes
						Therefore, it was repopulated.			
Point Support Structure Column Field Name 1 SupportStructureID	Alias Support Structure ID	Data Type text(50)	Charateristic PK	Description Unique ID for support structure. It should be a traceable stable ID within the utility's operations/processes. Primar key enabling connection to the "Support Structure Crossarm Detail" table.		Availability Explanations We mapped SupportStructureID to Facility ID. There are points with out facility ID however with ongoing asset survey many of them should be updated.	Data procurement actions We will consult LU WSD team	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 AssetType	Asset Type	text(30)		Type of point asset. Required value: Support structure	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
5 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
6 County	County	text(50)		Non-HFTD County in which asset is located.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
7 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	We don't have this field in our system however we keep a paper tract of all poles that were inspected.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
8 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
9 LastIntrusiveDate	Last Intrusive Date	date		Date of the last intrusive. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	e No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
10 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	We do have this field but it's not being properly filled out.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

11 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
12 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "installationYear" and "installationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
13 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	l No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
14 SupportStructureType	Support Structure Type	text(30)	Domain	Type of support structure. Possible values: Pole Tower	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
15 SupportStructureTypeComment	Support Structure Type Comment	text(30)		Other – See comment. Support structure type analogous to a pole or tower and not listed in the options above. Note: Crossarms are support structures for which the WSD is requesting data, but they are addressed in a separate field at the end of this able and involve related tables.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
16 SupportStructureMaterial	Support Structure Material	text(30)	Domain	Material from which pole, tower, or crossarm is made. Possible values: Wood Metal Composite Wrapped wood Concrete	Yes	We mapped SupportStructureMaterial to our Subtype. Subtype is a domain field.			Yes
17 SupportStructureMaterialComment	Support Structure Material Comment	: text(30)		Other – See comment. Support structure material not listed in the options above	e. No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
18 SupportStructureMaterialSubtype	Support Structure Material Subtype	text(30)		The subtype of structure material. For example, if a wood pole, the type of wood (i.e. Douglas Fir, Cedar, etc.).	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
19 Underbuild	Underbuild	text(3)	Domain	Does the line support multiple transmission or primary distribution circuits? Possible values: Yes No	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
20 ConstructionGrade	Construction Grade	text(10)	Domain	Grade of construction, in accordance with GO 95, Rule 42. Possible Values: Grade A Grade B Grade C	. No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
21 CrossarmAttached	Crossarm Attached	text(10)	Domain	Grade C Is one or more crossarms attached to the support structure? Possible values: Yes No	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
22 AssetLatitude	Asset Latitude	float		Unknown Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float.			Yes
23 AssetLongitude	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	Therefore, it was repopulated. We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
able Support Structure Crossarm Detail									
mn Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific support structure crossarm. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Support Structure Crossarm Detail table.	Data provided in latest submission? (Yes/ No) NO	Availability Explanations Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	Data procurement actions We will consult LU WSD team	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Confidential? Yes

2 SupportStructureID	Support Structure ID	text(50)	FK	Unique ID for specific support structure. It should be a traceable stable ID within the utility's operations/processes. Foreign key enabling connection to the "Support Structures" feature class.	NO
3 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	NO
4 AssetType	Asset Type	text(10)		Type of point asset. Required value: Crossarm	NO
5 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	NO
6 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	
7 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	NO
8 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	NO
9 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
10 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
11 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	NO
12 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	NO
13 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	NO
14 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	NO
15 CrossarmConfiguration	Crossarm Configuration	text(30)	Domain	Configuration of crossarm. Possible values: Single Arm Double Arm Alley Arm	NO

Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

16 CrossarmLength	Crossarm Length (inches)	float		Length of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
17 CrossarmWidth	Crossarm Width (inches)	float		Width of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
18 CrossarmHeight	Crossarm Height (inches)	float		Height of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
19 CrossarmMaterial	Crossarm Material	text(30)	Domain	Material from which pole, tower, or crossarm is made. Possible values: Wood Metal Composite	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
20 CrossarmMaterialComment	Crossarm Material Comment	text(30)		Other – See comment. Crossarm material not listed in the options above.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
21 CrossarmMaterialSubtype	Crossarm Material Subtype	text(30)		The subtype of structure material. For example, if a wood pole, the type of wood (i.e. Douglas Fir, Cedar, etc.).	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
22 BraceType	Вгасе Туре	text(30)	Domain	The type of brace supporting the crossarm. Possible values: V brace Flat brace Other – See comment.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
23 BraceTypeComment	Brace Type Comment	text(30)		Brace type not listed in the options above.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
24 CrossarmOrientation	Crossarm Orientation	text(10)	Domain	Orientation of crossarm. Possible values: In-line Buck	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
25 Balance	Balance	text(30)	Domain	Balancing status of crossarm. Possible values: Balanced Unbalanced (i.e., end of line)	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Point Switchgear									
Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific switchgear asset. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Switchgear table.	Data provided in latest submission? (Yes/ No) Yes	Availability Explanations We mapped Asset ID to Facility ID (There are points with out facility ID)	Data procurement actions We will need to find or create facility IDs for missing IDs	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 AssetType	Asset Type	text(30)		Type of point asset. Required value: Switchgear	Yes	We don't have this field in feature class but it was populated			Yes
4 AssetOHUG	Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground Unknown	Yes	according to your guidelines. We mapped AssetOHUG to our Subtype. Subtype is a domain field. 1= OH, 2=UG.			Yes
5 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage (domain field). Some are missing values. 210=12.47kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
6 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some are missing values. 120=4.16kV; 210=12.47kV; 220=12.5kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV; 550=120kV	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

7 SupportStructureID	Support Structure ID	text(50)	FK	Unique ID for support structure to which a switchgear asset is attached. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the Support Structure table.	Yes
8 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No
9 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
10 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes
11 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No
12 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No
13 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No
14 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1	Yes
15 County	County	text(50)		Non-HFTD County in which asset is located.	No
16 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
17 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
18 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
19 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes
20 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No

We mapped SupportStructureID to StructureNumber. There are points without number.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped CircuitId to FeederID.			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped InstallationYear to our InstallYear. Some are missing values.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

Septemblish Registration of the property of th											
Procession of the content of the c	21 UsefulLifespa	an	Useful Lifespan	integer		functioning existence upon initial installation. Use -99 for	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
And the continue of the contin	22 ExemptionSta	atus	Exemption Status	text(10)	Domain	(PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. Possible values: Yes No Unknown	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Production of the Control of the Con	23 CurrentRatin	g	Current Rating (A)	float		Nominal current rating of the switchgear in amperes.	Yes		We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Selection of the control of the cont	24 AssetClass		Asset Class	text(30)	Domain	Possible values: Distribution	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
For the part of th	25 SCADAEnable	ed	SCADA Enabled	text(3)	Domain	utilized with the asset? Possible values: Yes No	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Abdullate resource of the state	26 SwitchgearTy	ype	Switchgear Type	text(30)			Yes	domain field. We don't have additional type for Circuit Breaker. Only for switches. AB=air; CABSW=Cabiner Switch; DC=Disconnect; ISO=isolator; NONSPE=Non-Separable; SBR=Solid			Yes
Asset Latitude Asset	27 SwitchgearSu	ubtype	Switchgear Subtype	text(30)		Specific type of switch, cut-out fuse, circuit breaker, etc.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Asset Longitude Asset Longitude Asset Longitude Asset Longitude Longitude condinate of asset (in decimal degree). Per Note Per No	28 SwitchgearIn	sulatingMedium	Switchgear Insulating Medium	text(30)			No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Point Transformer Counts Field Name 1 Yeard Order 1 Yeard	29 AssetLatitude	e	Asset Latitude	float		Latitude coordinate of asset (in decimal degrees).	Yes				Yes
Plant Mane Mais Marity Maniformer Desiring Desiring Maniformer Desiring Desiri	30 AssetLongitu	de	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float.			Yes
SupportStructureID Support Structure ID Ext(50) FX Unique (Fox support structure to which transformer is attached. It should be a traceable stable ID within the utility's operations (Fox support structure to the support structure) Support Structure (Fox support structure) Support Structur	Column Field Name			••		Unique ID for a specific transformer. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to	Yes	We mapped Asset ID to Facility ID (There are points with out	We will need to find or create facility IDs for	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
A sset Type Asset OHUG Asset OH or UG Asset OH or UG Asset Type Asset OH or UG Asset OH or UG Asset Type Asset OH or UG Asset OH A	2 UtilityID		Utility ID	text(10)			Yes				Yes
4 AssetType Asset Type Asset Type 4 Asset Type Asset T	3 SupportStruc	ctureID	Support Structure ID	text(50)	FK	Unique ID for support structure to which transformer is attached. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the Support	Yes	We mapped SupportStructureID to StructureNumber. Padmount Transformers have this field blank since they don't sit on the			Yes
5 AssetOHUG Asset OH or UG text(30) Pomain Is the asset overhead or underground? Possible values: Ves We mapped AssetOHUG to our Subtype. Subtype is a domain field. 1= OH, 2=UG, 3=Step Transformer, 4=Power Transformer Unknown 6 HFTDClass HFTD Class text(10) Domain The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD 7 County County County text(50) County in which asset is located. No Currently, we don't have this field populated in our system. We will consult LU WSD team To the extent p will provide req GIS format by 8 GIS format	4 AssetType		Asset Type	text(30)			Yes	·			Yes
intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD 7 County County County County County Text(50) Text(50) To the extent p will provide ready of the county in which asset is located. No GIS format by 8 GIS format by 8	5 AssetOHUG		Asset OH or UG	text(30)	Domain	Overhead Underground	Yes	We mapped AssetOHUG to our Subtype. Subtype is a domain			Yes
7 County County text(50) County in which asset is located. No Currently, we don't have this field populated in our system. We will consult LU WSD team To the extent p will provide req	6 HFTDClass		HFTD Class	text(10)	Domain	intersects. Possible values: Tier 3 Tier 2 Zone 1	Yes				Yes
	7 County		County	text(50)			No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

8 InaBank	Ina Bank	text(30)	Domain	Does a single point represent multiple assets that exist in a bank arrangement (i.e., transformer bank)? Possible values: Yes (if multiple transformers are represented by a single point, use additional related tables as needed) No Unknown N/A	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
9 QuantityinBank	Quantity in Bank	integer		How many transformers exist in a bank arrangement (if applicable)? Enter "-99" if unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
10 AssetLatitude	Asset Latitude	float		Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float.			Yes
11 AssetLongitude	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	Therefore, it was repopulated. We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
Table Transformer Detail									
Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	•	Data provided in latest submission? (Yes/ No) No	Availability Explanations Currently, we don't have this field populated in our system.	Data procurement actions We will consult LU WSD team	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Confidential? (Yes/No) Yes
2 TransformerID	Transformer ID	text(50)	FK	Unique ID for a specific transformer. It should be a traceable stable ID within the utility's operations/processes. Foreign key enabling connection to the "Transformer" feature class.	Yes	We mapped Asset ID to Facility ID (There are points with out facility ID)	We will need to find or create facility IDs for missing IDs	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
3 TransformerSubtype	TransformerSubtype	text(100)	Domain	Specific subtype of the transformer. Possible values: Single phase pad-mounted Single phase subsurface Single phase overhead Three phase pad-mounted Three phase subsurface Three phase overhead	Yes	We mapped TransformerSubtype to our TransformerType			Yes
4 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage (domain field). Some are missing values. 210=12.47kV; 230=13.2kV; 260=14.4kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
5 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some are missing values. 30=120/240V; 160=7.2kV; 120=4.16kV; 210=12.47kV; 220=12.5kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV; 460=12.47GDY/7.2kV; 480=24.9GDY/14.4kV; 550=14.4/8.3kV; 530=14.4-12.5kV; 540=14.4/24.9kV	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
6 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No		We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
7 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
8 CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes	We mapped CircuitId to FeederID.			Yes
9 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
10 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
11 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	Yes	We mapped ModelNumber to our StockNumber			Yes
12 LastInspectionDate	Last Inspection Date	date			No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

13 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
14 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
15 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes	We mapped InstallationYear to our InstallYear. Some are missing values.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
16 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
17 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a usefu functioning existence upon initial installation. Use -99 for unknown.		Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
18 ExemptionStatus	Exemption Status	text(30)	Domain	Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. Possible values: Yes No Unknown N/A		Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
19 TransformerRating	Transformer Rating (kVAs)	float		Nominal electrical load capacity in kilovolt amps (kVAs).	Yes	We mapped TransformerRating to our RatedKVA			Yes
Point Weather Station Column Field Name 1 StationID	Alias Station ID	Data Type text(50)	Charateristic PK	Description The equivalent to the "Asset ID" field from other feature classes. Station ID for the weather station. It should enable data users to look up the data collected by the weather station. Primary key for the Weather Station table.	Data provided in latest submission? (Yes/ No) Yes	Availability Explanations We mapped StationID to our Serial_Num.	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 AssetType	Asset Type	text(30)		Type of point asset. Required field: Weather station	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4 MakeandManufacturer	Make and Manufacturer	text(30)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
5 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
6 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
7 County	County	text(50)		County in which asset is located.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

8 LastInspectionDate	Last Inspection Date	date	Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our syste
9 LastMaintenanceDate	Last Maintenance Date	date	Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our syste
10 InstallationDate	Installation Date	date	Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our syste
11 InstallationYear	Installation Year	integer	Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field populated in our syste
12 EstimatedAge	Estimated Age	text(10) Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Currently, we don't have this field populated in our syste
13 UsefulLifespan	Useful Lifespan	integer	The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No	Currently, we don't have this field populated in our syste
14 WeatherStationURL	Weather Station URL	text(255)	Website address for weather station information (if publicly available).	No	Currently, we don't have this field populated in our system
15 AssetLatitude 16 AssetLongitude	Asset Latitude Asset Longitude	float	Latitude coordinate of asset (in decimal degrees). Longitude coordinate of asset (in decimal degrees).	Yes Yes	We do have this field as 'double'. In your .gdb it's a float Therefore, it was repopulated. We do have this field as 'double'. In your .gdb it's a float Therefore, it was repopulated.

rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
rrently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
e do have this field as 'double'. In your .gdb it's a float. erefore, it was repopulated.			Yes
e do have this field as 'double'. In your .gdb it's a float. erefore, it was repopulated.			Yes



WSD Data Schemas Draft V2 (2020-09-09) - Asset Line

Line	Transmission Line									
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 CircuitID	Circuit ID	text(50)	PK	Unique ID for a specific circuit. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to the "Transmission Line Detail" table.	Yes	We don't have this field populated in our system, however was extracted from CircuitName.			Yes
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
	3 LineClass	Line Class	text(30)		Classification of line asset. Required value: Transmission	Yes	We don't have this field in feature class but it was populated according to your			Yes
	4 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	Yes	guidelines. We matched CircuitName to our CircuitID			Yes
	5 County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	6 ConductorType	Conductor Type	text(30)	Domain	Type of conductor. Possible values: Bare Covered Unknown	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	7 AssetOHUG	Asset OH or UG	text(30)		Is the asset overhead or underground? Possible values: Overhead Underground Unknown	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	8 NominalVoltagekV	Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	9 OperatingVoltagekV	Operating Voltage (kV)	float		Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	No	We do have this field populated. In our system it's string and in yours it's float. Therefore, couldn't upload. Operating voltage is embeeded in CircuitID field.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	10 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign key to the Substation table.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	11 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	12 ConductorMaterial	Conductor Material	text(50)		Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other – See comment.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
	13 ConductorMaterialComment	Conductor Material Comment	text(50)		Conductor material not listed in the options above.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	14 ConductorSize	Conductor Material Comment	text(30)		Size of conductor (e.g. No. 4 Cu or 1/0 ACSR).	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	15 ConductorOD	Conductor Overall Diameter (inches)	float		Overall diameter of the conductor in inches.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	16 ConductorCodeName	Conductor Code Name	text(30)		Codename of the conductor. For example, "Lapwing," "Sparrow," etc.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

	17 Terminal1	Terminal 1	text(50)		Substation name of first terminal.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	18 Terminal2	Terminal 2	text(50)		Substation name of second terminal.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	19 Terminal3	Terminal 3	text(50)		Substation name of third terminal.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	20 Terminal4	Terminal 4	text(50)		Substation name of fourth terminal.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	21 Terminal5	Terminal 5	text(50)		Substation name of fifth terminal.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	22 Terminal(s)	Terminal(s)	text(50)		Substation name of other terminals.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	23 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.		To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	24 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time	. No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	25 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	26 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	27 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	28 UsefulLifespan	Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	29 AmpacityRating	Ampacity Rating (A)	float		Nominal ampacity rating of the conductor, in amperes).	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	30 Greased	Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Line Colum	Primary Distribution Line n Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe Confidential? (Yes/No)

1 CircuitID	Circuit ID	text(50)	PK	Unique ID for a specific circuit. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to the "Primary Distribution Lines Detail" table.	Yes
2 UtilityID	Utility ID	text(30)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes
3 LineClass	Line Class	text(30)		Classification of line asset. Required value: Primary distribution	Yes
4 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No
5 County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	No
6 ConductorType	Conductor Type	text(10)	Domain	Type of conductor. Possible values: Bare	Yes
7 AssetOHUG	Asset OH or UG	text(30)	Domain	Covered Unknown Is the asset overhead or underground? Possible values: Overhead Underground	Yes
8 NominalVoltagekV	Nominal Voltage (kV)	float		Unknown Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	No
9 OperatingVoltagekV	Operating Voltage (kV)	float		Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	Yes
10 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign key to the Substation table.	No
11 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
12 ConductorMaterial	Conductor Material	text(50)	Domain	Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR)	Yes
13 ConductorMaterialComment	Conductor Material Comment	text(50)		Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other — See comment. Conductor material not listed in the options above.	No
14 ConductorSize	Conductor Size	text(30)		Size of conductor (e.g. No. 4 Cu or 1/0 ACSR).	Yes
15 ConductorOD	Conductor Overall Diameter (inches)	float		Overall diameter of the conductor in inches.	No
16 ConductorCodeName	Conductor Code Name	text(30)		Codename of the conductor. For example, "Lapwing," "Sparrow," etc.	No

Ve mapped CircuitID to our FeederID			Yes
We don't have this field in feature class out it was populated as 'LIBERTY' occording to your guidelines.			Yes
We don't have this field in feature class out it was populated according to your guidelines.			Yes
Currently, we don't have this field copulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field copulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Ve mapped ConductorType to our Comments field where we indicate WMP' for conductor that's covered.			Yes
We don't have a field for OH or UG. Our brimary OH/UG distribution lines are in wo separate feature classes. The field was populated manually.			Yes
Currently, we don't have this field sopulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Ve mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some rie missing values. 30=120/240V; (60=7.2kV; 120=4kV; 210=12.5kV; 140=14.4; 360=24.9kV; 390=15kV; (100=25kV; 450=60kV; 160=12.47GDY/7.2kV; 180=24.9GDY/14.4kV; 550=14.4/8.3kV; 330=14.4-12.5kV; 540=14.4/24.9kV			Yes
Currently, we don't have this field oppulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field sopulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped ConductorMaterial to CondMatl in our separate ConductorInfo able that's related to our OH/UG lines.			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped ConductorMaterial to CondMatl in our separate ConductorInfo able that's related to our OH/UG lines.			Yes
Currently, we don't have this field sopulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field copulated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

17 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
18 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time	. No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
19 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
20 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes	We mapped InstallationYear to our InstallYear			Yes
21 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79	No		We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
				80-89 90-99 >100 Unknown					
22 UsefulLifespan	Useful Lifespan	integer		N/A (only enter this if there is an "InstallationYear" value) The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
23 AmpacityRating	Ampacity Rating (A)	float		Nominal ampacity rating of the conductor, in amperes).	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
24 Greased	Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Line Secondary Distribution Line									
Column Field Name 1 CircuitID	Alias Circuit ID	Data Type text(50)	Charateristic PK	Description Unique ID for a specific circuit. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to the "Secondary Distribution Lines Detail" related table. This ID is expected to be based on the circuit name of the secondary line's associated primary distribution line.	Data provided in latest submission? (Yes/ No) Yes	Availability Explanations We mapped CircuitID to our FeederID	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No) Yes
2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3 LineClass	Line Class	text(30)		Classification of line asset. Required value: Secondary distribution	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset. This name is expected to be based on the circuit name of the secondary line's associated primary distribution line.	No		We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
5 County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
6 ConductorType	Conductor Type	text(30)	Domain	Type of conductor. Possible values: Open wire Triplex Other – See comment.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
7 ConductorTypeComment	Conductor Type Comment	text(30)		Conductor type not listed in the options above.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

8 AssetOHUG	Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground Unknown	Yes
9 NominalVoltagekV	Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	No
10 OperatingVoltagekV	Operating Voltage (kV)	float		Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.	Yes
11 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign key to the Substation table.	No
12 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
13 ConductorMaterial	Conductor Material	text(50)	Domain	Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu)	Yes
14 ConductorMaterialComment	Conductor Material Comment	text(50)		Other – See comment. Conductor material not listed in the options above.	No
15 ConductorSize	Conductor Size	text(30)		Size of conductor (e.g. No. 4 Cu or 1/0 ACSR).	Yes
16 ConductorOD	Conductor Overall Diameter (inches)	float		Overall diameter of the conductor in inches.	No
17 ConductorCodeName	Conductor Code Name	text(30)		Codename of the conductor. For example, "Lapwing," "Sparrow," etc.	No
18 LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
19 LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
20 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
21 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes

We don't have a field for OH or UG. Our Primary OH/UG distribution lines are in two separate feature classes. The field was populated manually.			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some are missing values. 10=120V; 20=120/208V; 30=120/240V; 50=277/480V	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.			Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
We mapped InstallationYear to our InstallYear			Yes

22 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100	No
23 UsefulLifespan	Useful Lifespan	Integer		Unknown N/A (only enter this if there is an "InstallationYear" value) The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No
24 AmpacityRating	Ampacity Rating (A)	float		Nominal ampacity rating of the conductor, in amperes).	No
25 Greased	Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown	No

populated in our system.	We will consult LU WSD team	To the extent possible, Liberty Caireco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	res
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes



WSD Data Schemas Draft V2 (2020-09-09) - PSPS Event

Carlo									
Table Column	PSPS Event Log Field Name 1 EventID	Alias Event ID		Charateristic PK	c Description Provided in 10-Day Post-Event Report? (Yes/ No) A unique standardized identification name of the unique event. Primary key enabling connection to PSPS event feature classes.	Can be reported within 30-Days Post-Event? (Yes/No)	Data provided in latest submission? (Yes/ No)		
	2 CircuitID	Circuit ID	text(50)	FK	Yes A unique standardized identification name of the circuit that was de-energized. Foreign key to all the related asset line tables.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.
	3 CircuitName	Circuit Name	text(255)		Yes Name of circuit associated with asset.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.
	4 UtilityID	Utility ID	text(10)		Yes Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will updated GiS system upgrade GiS system upgrade GiS system upgrade Updated GiS will update GiS
	5 SubstationID	Substation ID	text(50)		Yes A unique standardized identification name of the substation/feeder feeding the circuit that was de-energized during the PSPS event. Foreign Key to the Substation table.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2019.
	6 SubstationName	Substation Name	text(50)		Yes Name of substation associated with asset.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will updated GiS system upgrade GiS system upgrade GiS system upgrade Updated GiS will update GiS
	7 IsolationDevice	Isolation Device	text(30)	Domain	Yes The device which isolated the circuit during the PSPS event. Possible values: Circuit Breaker Fuse Switch Other – See comment.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.
	8 IsolationDeviceComment	Isolation Device Comment	text(50)		Yes Isolation device not listed in the options above.	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will up
	9 IsolationDeviceID	Isolation Device ID	text(50)	FK	Yes A unique standardized identification name of the isolation device. Should match the value in the "AssetID" field of the isolation device's point data in the "Switchgear" feature class. A foreign key, AKA AssetID.	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will up
	10 EOCActivationDate	EOC Activation Date	date		Yes Date IOU's emergency operation center (EOC) was activated in YYYY-MM-DD format. Do not include time.	Yes	No	WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will up
	11 EOCActivationTime	EOC Activation Time	date		Yes Time IOU's emergency operation center was activated. Must be in the "hh:mm:ss" format.	Yes	No	information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will up
	12 StartDate	Start Date	date		Yes Start date of the PSPS event in YYYY-MM-DD format. Do not include time.	Yes	No	information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will up
	13 StartTime	Start Time	date		Yes Start time of the PSPS event (i.e. when the first de-energization occurred). Must be in the "hh:mm:ss" format.	Yes	No	information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for completion in late 2021. The updated GiS will be the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2019.
					Yes	Yes	No		No.

14 AllClearDate	All Clear Date	date	Date the weather event precipitating the PSPS event cleared the area, and the utility began inspection and restoration efforts. Must be in YYYY-MM-DD format. Do not include time.			
15 AllClearTime	All Clear Time	date	Time the weather event precipitating the PSPS event cleared the area, and the utility began inspection and restoration efforts. Must be in the "hh:mm:ss" format.	Yes	Yes	No
16 AllLoadUpDate	All Load Up Date	date	Date last customer was fully restored following the PSPS event. Must be in YYYY-MM-DD format. Do not include time.	Yes	Yes	No
17 AllLoadUpTime	All Load Up Time	date	Time the last customer was fully restored following the PSPS event and "All Load Up" was declared. Must be in the "hh:mm:ss" format.	Yes	Yes	No
18 PredictedDurationMinutes	Predicted Duration Minutes	integer	Anticipated duration of PSPS event's circuit shutoff after it is initiated. Must be reported in whole number minutes.	Yes	Yes	No
19 ActualDurationMinutes	Actual Duration Minutes	integer	Actual duration of PSPS event's circuit shutoff. This would be determined after restoration and must be reported in whole number minutes.	Yes	Yes	No
20 DurationPredictionError	Duration Prediction Error	integer	"PredictedDurationMinutes" minus "ActualDurationMinutes". Positive values indicate shorter than predicted PSPS outage duration; negative values indicate longer than predicted PSPS outage duration.	Yes	Yes	No
21 TotalCustomerMinutes	Total Customer Minutes	integer	"ActualDurationMinutes" multiplied by "TotalCustomers". This field features total customer minutes impacted across the circuit.	Yes	Yes	No
22 TotalCustomerHours	Total Customer Hours	integer	"TotalCustomerMinutes" divided by 60. This field features total customer hours impacted across the circuit.	Yes	Yes	No
23 TotalCustomers	Total Customers	integer	Total impacted customers. This is not necessarily a sum of all customer category values listed below because medical baseline customers may also be in other customer categories.	Yes	Yes	No
24 ResidentialCustomers	Residential Customers	integer	Total residential customers.	Yes	Yes	No
25 MedicalBaselineCustomers	Medical Baseline Customers	integer	Total medical baseline customers.	Yes	Yes	No
26 CommercialIndustrialCustomers	Commercial Industrial Customers	integer	Total commercial/industrial customers.	Yes	Yes	No
27 OtherCustomers	Other Customers	integer	Total customers that do not fall within residential or commercial/industrial (as requested under Decision 12-04-024).	Yes	Yes	No
				Yes	Yes	No

In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	:
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No No
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	:
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No :
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No :
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requiered data requirements to the extent available by August 2021.		No :
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No :
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No :
In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
Liberty CalPeco does not have an accurate "other customer dataset.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	No :
	-		No

28 CriticalInfrastructure	Critical Infrastructure	integer		Number of critical infrastructure locations (in accordance with Decision 19-05-042 as modified by D.20-05-051) impacted by the PSPS event.					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for by 8/2021, upon completion of enterprise	
					Y es	Yes	No	Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All available data of Critical Infrastructure will be provided but data may be incomplete.	provide the requested data requirements to the t extent available by August 2021. No	
29 CriticalInfrastructureDuration	Critical Infrastructure Duration	integer		Duration of critical infrastructure locations (in accordance with Decision 19-05- 042) de-energized during the PSPS event. Must be reported in whole number minutes.				Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All		
30 CriticalinfrastructureImpact	Critical Infrastructure Impact	integer		"CriticalInfrastructure" multiplied by "CriticalInfrastructureDuration". This field features the total PSPS impact on critical infrastructure.	res	Yes	No	available data of Critical Infrastructure will be provided but data may be incomplete.		
31 County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties	r/es	Yes	No		the same ESRI platform as WSD. CalPeco plans to provide the requirement so the t extent available by August 2021. No Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	
				separated by commas.				not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
32 WindRisk	Wind Risk	text(3)	Domain	Was high wind a driving risk factor in the PSPS decision? Possible values: Yes No	res	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will be same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
33 RelativeHumidityRisk	Relative Humidity Risk	text(3)	Domain	Was low relative humidity a driving risk factor in the PSPS decision? Possible values: Yes No	res	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is d undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
34 TemperatureRisk	Temperature Risk	text(3)	Domain	Was high temperature a driving risk factor in the PSPS decision? Possible values: Yes No	res	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	extent available by August 2021. No Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
35 VegetationRisk	Vegetation Risk	text(3)	Domain	Was a higher probability of vegetation interference a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	extent available by August 2021. No Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
36 AssetRisk	Asset Risk	text(3)	Domain	Was a higher probability of asset failure a driving risk factor in the PSPS decision? Possible values: Yes No	res	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	No Liberty CalPeco's parent company, Algonquin, is I undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade GIS system upgrade extent available by August 2021.	
37 DeadFuelRisk	Dead Fuel Risk	text(3)	Domain	Was a high presence of dead fuel a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	No Liberty CalPeco's parent company, Algonquin, is d undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as W5D. CalPeco plans to provide the requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade GIS system upgrade the same ESRI platform as W5D. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
38 LiveFuelRisk	Live Fuel Risk	text(3)	Domain	Was a high presence of live fuel a driving risk factor in the PSPS decision? Possible values: Yes No	ries	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is dundergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent a valiable by August 2021.	
39 RedFlagWarningRisk	Red Flag Warning Risk	text(3)	Domain	Was the presence of a Red Flag Warning risk day a driving factor in the PSPS decision? Possible values: Yes No	res	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Extent available by August 2021. No To the extent possible, Liberty CalPeco will growled requested information in GIS format pupated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. Calleco plans to provide the requested data requirements to the extent available by August 2021.	
40 OtherRisk	Other Risk	text(3)	Domain	Was some other form of risk (not covered by the fields above) a driving risk factor in the PSPS decision? Possible values: Yes No	ves	Yes	No		Liberty CalPeco's parent company, Algonquin, is y undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent a valiable by August 2021.	
41 OtherRiskReason	Other Risk Reason	text(100)		Brief description of what the "OtherRisk" category is if there is a "Yes" value under the "OtherRisk" field. Possible example statements include things like "vehicle collision," "reported ignition," etc. Enter "N/A" if the value for "OtherRisk" is "No."	r/es	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
				,	Vac	Ves	No		extent available by August 2021.	

Line	PSPS Event Line											
	Field Name PspsEventLineID	Alias PSPS Event Line ID		Charateristic PK	Description An underscore delimited concatenation of "EventID"+"_"+"CircuitID." Primary key for the PSPS Event Line table.			Data provided in latest submission? (Yes/ No)	PSPS Events, but can create a method to uniquely identify events.	Data procurement actions Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	extent possible, Liberty CalPeco will e requested information in GIS format 021, upon completion of enterprise	onfidential? (Yes/No)
2	EventID	Event ID	text(50)	FK	A unique standardized identification name of the unique event. Foreign key enabling connection to "PSPS Event Log" table.		Yes	No	PSPS Events, but can create a method to uniquely identify events.	Uberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format D21, upon completion of enterprise	o
3	: CircuitID	Circuit ID	text(50)	FK	A unique standardized identification name of the circuit that was de-energized. Foreign key to all the related asset line tables.	Yes	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format 021, upon completion of enterprise	o
4	UtilityID	Utility ID	text(10)		$Standardized\ identification\ name\ of\ the\ utility\ ("UtilityG\&E,"\ etc.).$	Yes	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format D21, upon completion of enterprise	0
5	County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	Yes	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format D21, upon completion of enterprise	o
						Yes	Yes	No			N	0
Column	PSPS Event Polygon Field Name PspsEventPolygonID	Alias PSPS Event Polygon ID		Charateristic PK	Description Primary key for PSPS Event Polygons.			Data provided in latest submission? (Yes/ No)	PSPS Events, but can create a method to uniquely identify events.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use GIS syst	extent possible, Liberty CalPeco will e requested information in GIS format 021, upon completion of enterprise	onfidential? (Yes/No)
2	EventID	Event ID	text(50)	FK	A unique standardized identification name of the unique event. Foreign key enabling	Yes	Yes	No		the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is To the extension of the company of the	No extent possible. Liberty CalPeco will	0
					connection to "PSPS Event Log" table.				PSPS Events, but can create a method to uniquely identify events.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format 021, upon completion of enterprise	
3	: CircuitID	Circuit ID	text(50)	FK	A unique standardized identification name of the circuit that was de-energized. Foreign key to all the related asset line tables.	Yes	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format D21, upon completion of enterprise	o
4	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format 021, upon completion of enterprise	0
5	County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	Yes	Yes	No	not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format 021, upon completion of enterprise	0
						Yes	Yes	No		-	N	0
Column	PSPS Event Customer Meter Point Field Name PspsEventMeterID	Alias PSPS Event Meter ID		Charateristic PK	Description An underscore delimited concatenation of "EventID"+"+"AssetID." Primary key for the PSPS Event Customer Meter Point.			Data provided in latest submission? (Yes/ No)		Data procurement actions Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	extent possible, Liberty CalPeco will No e requested information in GIS format 021, upon completion of enterprise	onfidential? (Yes/No) o
2	EventID	Event ID	text(50)	FK	A unique standardized identification name of the unique event. Foreign key enabling connection to "PSPS Event Log" table.	Yes	Yes	No	PSPS Events, but can create a method to uniquely identify events.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	e requested information in GIS format 021, upon completion of enterprise	o
						Yes	Yes	No				

	3 AssetID	Circuit ID	text(50)	FK	Unique ID for a specific meter. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the Meter table.					undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for be completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	
										provide the requested data requirements to the extent available by August 2021.		
	4 UtilityID	Utility ID	text(10)		$\label{thm:condition} Standardized identification name of the utility ("UtilityG&E," etc.).$	Yes	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	provide requested information in GIS format by 8/2021, upon completion of enterprise	
	5 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		provide requested information in GIS format by 8/2021, upon completion of enterprise	
	6 County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		provide requested information in GIS format by 8/2021, upon completion of enterprise	
		_			•	Yes	Yes	No				
Point Column	PSPS Event Damage Point Field Name 1 DamageEventID				Description ID value for an individual PSPS event. Event ID values for damage points should match event ID values in corresponding PSPS event GIS data. Primary key enabling connection to PSPS event conductor, support structure, and other asset damage detail tables.			Data provided in latest submission? (Yes/ No)	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for it completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	o the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise	Confidential? (Yes/No)
						No	Yes	No	This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021.		Yes
	2 EventID	Event ID	text(50)	FK	A unique standardized identification name of the unique event. Foreign key enabling connection to "PSPS Event Log" table.					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for it completion in late 2021. The updated GIS will use the came FSBI clafform as MSD. CalBero plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	
									data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	provide the requested data requirements to the		
	3 UtilityID	Utility ID	text(10)		$\label{thm:condition} Standardized identification name of the utility \mbox{\em ("UtilityG&E," etc.)}.$	No	Yes	No	to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
									data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days			
	4 FuelBedDescription	Fuel Bed Description	text(150)		Type of fuel bed existing under damage location. Possible values: Fire-resistive fuel bed - Fuel bed not conducive to propagating fire where damage occurred (e.g. asphalt, concrete, gravel, etc.). Grass fuel model - Fuel bed comprised of annual grasses where damaged occurred. Brush fuel model - Fuel bed comprised of mainly brush or shrubs where damage occurred (e.g. chamise, manzaniat, chaparral, soctoth broom, etc.). Timber fuel model - Fuel bed comprised of a timber where damaged occurred (e.g. forests, timber litter, logging slash, etc.). Other - See comment.	No	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
	5 FuelBedDescriptionComment	Fuel Bed Description Comment	text(150)		Fuel bed description not listed in the options above.	No	Yes	No	to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is		Yes
						No.	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the	by 8/2021, upon completion of enterprise	Voc
	6 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects. Possible values: Tier 3 Tier 2 Zone 1	NO	165	NU		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for a completion in late 2021. The updated GIS will use the same EGPU platform as VED, CalPaco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	ies
					Non-HFTD				data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	provide the requested data requirements to the		
	7 County	County	text(150)		County in which asset damage is located. If the line crosses multiple counties, list all counties separated by commas.	No	Yes	No	to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
						No.	V	No	data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days			V
	8 Latitude	Latitude	float		Latitude of point in decimal degrees.	No	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use	provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
	9 Longitude	Longitude	float		Longitude of point in decimal degrees.	No	Yes	No		provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use	provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
						No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the		Yes
Table Column	PSPS Event Conductor Damage Detail Field Name	Alias	Data Type	Charateristic	Description			Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	estimated delivery timeframe	Confidential? (Yes/No)

1 PspsCdID	PSPS Conductor Damage ID	text(50)	PK	Primary key for the PSPS Event Conductor Damage Detail table.			
2 DamageEventID	Damage Event ID	text(50)		ID value for an individual PSPS event. Event ID values for damage points should match event ID values in corresponding PSPS event GIS data. Foreign key enabling connection to "PSPS Event Damage Points" feature class.	No	Yes	No
3 DateofDamage	Date of Damage	date		Date or estimated date damage occurred in YYYY-MMI-DD format. Leave blank if unknown. Do not include time.	No	Yes	No
4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes	No
5 AssetID	Asset ID	text(50)		Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the related asset point tables.	No	Yes	No
6 Asset	Asset	text(10)		Specific type of asset that is damaged. Required value: Conductor	No	Yes	No
7 NominalVoltagekV	Nominal Voltage (kV)	float			No	Yes	No
8 OperatingVoltagekV	Operating Voltage (kV)	float		Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A.	No	Yes	No
9 FromDevice	From Device	text(50)	FK	Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. The upstream support structure asset ID. Foreign key to the related asset point tables. AKA AssetID.	No	Yes	No
10 ToDevice	To Device	text(50)		The downstream support structure asset ID. Foreign key to the related asset point tables. AKA AssetID.	No	Yes	No
11 FeederID	FeederID	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	No	Yes	No
12 ConductorMaterial	Conductor Material	text(50)		Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor setul reinforced (ACSR)	No	Yes	No
13 ConductorMaterialComment	Conductor Material Comment	text(50)		Copper (Cu) Other – See comment.	No	Yes	No
14 ConductorType	Conductor Type	text(10)	Domain	Conductor material not listed in the options above. Type of conductor. Possible values: Bare Covered Unknown	No	Yes	No
					No	Yes	No

Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requiered data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	re
completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to . provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
 provide the requested data requirements to the extent available by August 2021. 		
	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPaco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expect	undergoing an enterprise wide roil out of an updated (6) splut form white is currently expected for completion in late 2021. The updated (6) swill use the same ESIR jolatform as WSD. CalPeco plans to undergoing an enterprise wide roil out of an updated (6) splut form with the call out of an updated (6) splut form as WSD. CalPeco plans to extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roil out of an updated (6) splut form that is currently expected for completion in late

15 ConductorLength	Conductor Length (feet)	float		Conductor length in feet based on GIS data.			
16 FailedEquipmentDescription	Failed Equipment Description	text(100)		Equipment that contributed to the conductor damage. Write "Unknown" or "N/A" as appropriate.	No	Yes	No
17 ExternalForceDescription	External Force Description	text(100)		Force responsible for causing the conductor damage.	No	Yes	No
18 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Yes	No
19 SubstationID	Substation ID	text(50)		ID of substation associated with asset. Foreign Key to the Substation table.	No	Yes	No
20 SubstationType	Substation Type	text(10)	Domain	Type of substation. Possible values: Radial Loop Network	No	Yes	No
21 Cause	Cause	text(30)	Domain	High-level category for PSPS event cause. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation	No	Yes	No
				Vandalism/Theft Unknown			
22 CauseComment	Cause Comment	text(30)		Other – See comment. Cause category not listed in options above.	No	Yes	No
22 CauseComment 23 EnergizedOnGround	Cause Comment Energized On Ground	text(30)	Domain		No No	Yes	No
			Domain	Cause category not listed in options above. Did the damaged conductor make contact with the ground while energized? Possible values: Yes No Unknown The manufacturer and asset model specifications that would enable one to identify exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" if no manufacturer info can be determined based on information available in the field. "Unknown" values should be			
23 EnergizedOnGround	Energized On Ground	text(10)	Domain	Cause category not listed in options above. Did the damaged conductor make contact with the ground while energized? Possible values: Yes No Unknown The manufacturer and asset model specifications that would enable one to identify exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" in on manufacturer info can be	No	Yes	No
23 EnergizedOnGround 24 ManufacturerModelID	Energized On Ground Manufacturer Model ID	text(10)	Domain	Cause category not listed in options above. Did the damaged conductor make contact with the ground while energized? Possible values: Yes No Unknown The manufacturer and asset model specifications that would enable one to identify exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" if no manufacturer info can be determined based on information available in the field. "Unknown" values should be reviewed by other 10U staff after data collection and filled in from existing databases	No No	Yes	No
23 EnergizedOnGround 24 ManufacturerModelID 25 InstallationDate	Energized On Ground Manufacturer Model ID Installation Date	text(10) text(50)	Domain	Did the damaged conductor make contact with the ground while energized? Possible values: Yes No Unknown The manufacturer and asset model specifications that would enable one to identify exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" if no manufacturer info can be determined based on information available in the field. "Unknown" values should be reviewed by other IOU staff after data collection and filled in from existing databases or other sources if possible. Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do no	No No	Yes	No No

Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIs format by 8/2021, upon completion of enterprise GIS system upgrade	
to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIs format by 8/2021, upon completion of enterprise GIS system upgrade	Yes t
Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIs platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
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to migrate to data schema format		T	Yes
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to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes t
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to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will	Yes
Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	:
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Liberty CalPeco currently follows CAL FIRE PSPS damage			
data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format			Yes

	28 UsefulLifespan	Useful Lifespan	integer		The number of years an asset would have been expected to have a useful functioning existence prior to damage. Use -99 for unknown.				1	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for l	provide requested information in GIS format	
							V.		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	provide the requested data requirements to the	GIS system upgrade	_
	29 LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage		orovide requested information in GIS format by 8/2021, upon completion of enterprise	es
						No	Yes		data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		v	ias
	30 DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure	NO	tes		Liberty CalPeco currently follows CAL FIRE PSPS damage	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	es
					Veg contact Object contact	No	Yes		data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		v	ion
	31 DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken conductor Damaged conductor Kite in line Pine needles on line Tree bark on line Tree branch on line Tree treating into line	N	16	NU		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	orovide requested information in GIS format by 8/2021, upon completion of enterprise	es
					Tree leaning toward line Wire-to-wire contact				data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days			
	32 DamageDescriptionComment	Damage Description Comment	text(30)		Other – See comment. Damage category not listed in the options above and/or additional relevant details about damage	No	Yes		to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use	provide requested information in GIS format by 8/2021, upon completion of enterprise	es
									Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	provide the requested data requirements to the		
Table	PSPS Event Support Structure Damage Detail					No	Yes	No	to migrate to data schema format		Yı	es
	Field Name 1 PspsSsdID	Alias PSPS Support Structure ID	Data Type text(50)	Charateristic PK	Primary key for the PSPS Event Support Structure Damage Detail table.			Data provided in latest submission? (Yes/ No)			•	onfidential? (Yes/No)
	2 DamageEventID	Damage Event ID	text(50)	FK	ID value for an individual PSPS event. Event ID values for damage points should match event ID values in corresponding PSPS event GIS data. Foreign key enabling connection to "PSPS Event Damage Points" feature class.					updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use	orovide requested information in GIS format by 8/2021, upon completion of enterprise	
						No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the	v	or.
	3 DateofDamage	Date of Damage	date		Date or estimated date damage occurred in YYYY-MM-DD format. Leave blank if unknown. Do not include time.	N	16		Liberty CalPeco currently follows CAL FIRE PSPS damage data .	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	provide requested information in GIS format by 8/2021, upon completion of enterprise	es
	4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes		1	Liberty CalPeco's parent company, Algonquin, is	provide requested information in GIS format	ies
						No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the	GIS system upgrade	es.
	5 AssetID	Asset ID	text(50)	FK	Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the related asset point tables.					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for loom platform that is considered for loom platform.	orovide requested information in GIS format by 8/2021, upon completion of enterprise	
						No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. In this data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the	Y.	es
	6 Asset	Asset	text(30)	Domain	Specific type of asset that is damaged. This list of dropdown menu items should be modified by each IOU to cover the assets most likely to be involved in PSPS damage. Possible values: Pole Tower Tower				1	updated GIS platform that is currently expected for locompletion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	
	7 AssetComment	Asset Comment	text(30)		Secondary arms Other – See comment. Asset not listed in the options above.	No	Yes		This data can be provided but may take more than 10 days to migrate to data schema format		You the extent possible. Liberty CalPeco will	es
			(25)						Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will us the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	provide requested information in GIS format by 8/2021, upon completion of enterprise	
	8 FeederID	Circuit ID	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	No	Yes			Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for	orovide requested information in GIS format by 8/2021, upon completion of enterprise	es
						No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the extent available by August 2021.	Yı	es
	9 NominalVoltagekV	Nominal Voltage (kV)	float						Liberty CalPeco currently follows CAL FIRE PSPS damage		orovide requested information in GIS format by 8/2021, upon completion of enterprise	
					Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A.	No	Yes	No	data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		Yı	es

	10 OperatingVoltagekV	Operating Voltage (kV)	float					
	11 SupportStructureMaterial	Support Structure Material	text(30)	Domain	Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Material of which support structure is made. Possible values: Wood Metal Composite Wrapped wood	No	Yes	No
	12 MaterialComment	Material Comment	text(30)		Concrete Other – See comment.	No	Yes	No
	13 ManufacturerModellD	Manufacturer Mode IID	text(50)		The manufacturer and asset model specifications that would enable one to identify exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" in on manufacturer info can be determined based on information available in the field. "Unknown" values should be reviewed by other IOU staff after data collection and filled in from existing	No	Yes	No
	14 InstallationDate	Installation Date	date		databases or other sources if possible.	No	Yes	No
	15 InstallationYear	Installation Year	integer		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do no include time.	t No	Yes	No
	16 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59	No	Yes	No
	17 UsefulLifespan	Useful Lifespan	integer		60-69 70-79 80-89 90-99 >-100 Unknown N/A (only enter this if there is an "installationYear" value) The number of years an asset would have been expected to have a useful functioning existence prior to damage. Use -99 for unknown.	No	Yes	No
	18 LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No
	19 DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure Veg contact	No	Yes	No
	20 DamageDescription	Damage Description	text(30)	Domain	Object contact Description of damage. Possible values: Broken pole Damaged pole Broken tower Damaged tower	No	Yes	No
	21 DamageDescriptionComment	Damage Description Comment	text(30)		Broken crossarm Damaged crossarm	No	Yes	No
						No	Yes	No
Table	PSPS Event Other Asset Damage Detail					No	Yes	No

10 OperatingVoltagekV

Operating Voltage (kV)

Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data This data can be provided but may take more than 10 days	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an undergoing an enterprise-wide roll out of an undergoing and the state of the completion in late 2021. The updated GIs will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data that can be provided but may take more than 10 days to migrate to data schema forms.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data round the collecting pSPS damage data can be provided but may take more than 10 days to migrate to data schema forms.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated Gis platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
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to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data hiis data can be provided but may take more than 10 days	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
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data guidance standards when collecting PSPS damage data This data can be provided but may take more than 10 days to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data This data can be provided but may take more than 10 days	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
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Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data This data can be provided but may take more than 10 days to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data puldance standards when collecting PSPS damage data guidance standards when collecting PSP	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	provide requested information in GIs format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade
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Column	Field Name 1 PspsOadID	Alias PSPS Other Asset Damage ID	Data Type text(50)	Charateristic PK	Description Primary key for the PSPS Event Other Asset Damage Detail table.		Data provided in latest submission? (Yes/ No)	,	Data procurement actions Liberty CalPeco's parent company, Algonquin, is Tundergoing an enterprise-wide roll out of an Updated GIS platform that is currently expected for becompletion in late 2021. The updated GIS will use Completion in late 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise	Confidential? (Yes/No)
					No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	and system upgroup	Vas
	2 DamageEventID	Damage Event ID	text(50)	FK	ID value for an individual PSPS event. Event ID values for damage points should match event ID values in corresponding PSPS event GIS data. Foreign key enabling connection to "PSPS Event Damage Points" feature class.	ico			Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use Completion in late 2021.	provide requested information in GIS format by 8/2021, upon completion of enterprise	ies
					No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the extent available by August 2021.	,	Yes
	3 DateofDamage	Date of Damage	date		Date or estimated date damage occurred in YYYY-MM-DD format. Leave blank if unknown. Do not include time.			Liberty CalPeco currently follows CAL FIRE PSPS damage		provide requested information in GIS format by 8/2021, upon completion of enterprise	
					No	Yes		data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021.	,	Yes
	4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.			Liberty CalPeco currently follows CAL FIRE PSPS damage		provide requested information in GIS format by 8/2021, upon completion of enterprise	
	5 AssetID	Asset ID	text(50)	FK	No Unique ID for a specific point asset. It should be a traceable stable ID within the	Yes		data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		To the extent possible, Liberty CalPeco will	Yes
					utility's operations/processes. Foreign key to the related asset point tables.				undergoing an enterprise-wide roll out of an pupdated GIS platform that is currently expected for be completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	
					No	Yes		This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021.	,	Yes
	6 Asset	Asset	text(30)	Domain	Specific type of asset that is damaged. This list of dropdown menu items should be modified by each 10U to cover the assets most likely to be involved in PSPS damage. Possible values: Down guy Neutral Service neutral				Liberty CallPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for becompletion in late 2021. The updated GIS will use the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the	provide requested information in GIS format by 8/2021, upon completion of enterprise	
					Span guy Tie wire Wood pin Anchor	_		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days	extent available by August 2021.		
	7 AssetComment	Asset Comment	text(30)		Other – See comment. No Asset not listed in the options above.	Yes				provide requested information in GIS format by 8/2021, upon completion of enterprise	res
	8 FeederID	Circuit ID	text(50)	FK	No Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	Yes		This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is T	To the extent possible. Liberty CalPeco will	Yes
					•				undergoing an enterprise-wide roll out of an pupdated GIS platform that is currently expected for becompletion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	provide requested information in GIS format by 8/2021, upon completion of enterprise	
	9 NominalVoltagekV	Nominal Voltage (kV)	float		No	Yes	No	to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is Tundergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for becompletion in late 2021. The updated GIS will use Completion in late 2021.	provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes .
					Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. No	Yes		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	provide the requested data requirements to the	,	Yes
	10 OperatingVoltagekV	Operating Voltage (kV)	float						Liberty CalPeco's parent company, Algonquin, is Undergoing an enterprise-wide roll out of an Updated GIS platform that is currently expected for becompletion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	provide requested information in GIS format by 8/2021, upon completion of enterprise	
	11 ManufacturerModellD	Manufacturer Model ID	text(50)		Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. No The manufacturer and asset model specifications that would enable one to identify	Yes			extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is T	To the extent possible, Liberty CalPeco will	Yes
					exactly what type of equipment was involved with the damage. If some sort of model or part code/name is not available, at least record the manufacturer name. Write "Unknown" if no manufacturer info can be determined based on information available in the field. "Unknown" values should be reviewed by other IOU staff after data collection and filled in from existing databases or other sources if possible.				provide the requested data requirements to the	by 8/2021, upon completion of enterprise	
	12 InstallationDate	Installation Date	date		No	Yes		to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is T	To the extent possible, Liberty CalPeco will	Yes
					Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not				provide the requested data requirements to the	by 8/2021, upon completion of enterprise	
	13 InstallationYear	Installation Year	integer		include time. No	Yes	No	to migrate to data schema format Liberty CalPeco currently follows CAL FIRE PSPS damage	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an pupdated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise	Yes
					Year of asset installation. Use four digits. Enter "-99" if unknown. No	Yes		data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		,	Yes

	14 EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the "InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
	15 UsefulLifespan	Useful Lifespan	integer		90.99 >100 Unknown N/A (only enter this if there is an "installationYear" value) The number of years an asset would have been expected to have a useful functioning	No	Yes	No		Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
					existence prior to damage. Use -99 for unknown.					. provide the requested data requirements to the	
	16 ExemptionStatus	Exemption Status	text(10)	Domain	Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. This field that may be most efficiently filled out by IOU technical staff after field collection. Possible values: Yes		Yes	No	to migrate to data schema format		Yes
					No Unknown N/A	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021.	Yes
	17 LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown				Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data.	provide the requested data requirements to the	
	18 DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values:	No	Yes	No	This data can be provided but may take more than 10 days to migrate to data schema format	, ,	Yes
					Asset damage Asset failure Equipment damage Equipment failure Veg contact Object contact					. provide the requested data requirements to the	
	19 DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken down guy Broken hand tie Broken neutral Broken service neutral Broken guy wire Broken tie wire Broken tree branch near line Broken pin Broken pin	No	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	Yes
			(20)		Damaged crossarm Guy and anchor damage Tree branch on transformer Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format		Yes
	20 DamageDescriptionComment	Damage Description Comment	text(30)		Damage category not listed in the options above and/or additional relevant details about damage						
Table Column	PSPS Damage Photo Log Field Name 1 PhotoID	Alias Photo ID	Data Type text(100)	Charateristic PK	Number or other label for a photo of the asset that enables the point to be linked to GIS data. If more than one photo is taken, enter additional IDs with separation commas. A primary key for the "PSPS Damage Photo Log" table. Photo format: Geotagged JPEG or PNG. Use format: UtilityName_DistrictUL_InspectorInitial_PspsDamage_YYYYMMDD_PhotoNumber. For			Data provided in latest submission? (Yes/ No)	Liberty CalPeco currently follows CAL FIRE PSPS damage	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for by 8/2021, upon completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	Confidential? (Yes/No)
					example, "UtilityG&E_AB_PspsDamage_20200703_1.png".	Yes	Yes	No	data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	extent available by August 2021.	Yes
	2 FuelBedPhotoID	Fuel Bed Photo ID	text(100)	PK	Number or other label for a photo of the fuel bed below the damaged asset that enables the point to be linked to GIS data. If more than one photo is taken, enter additional IDs with separation commas. A primary key for the "PSPS Damage Photo Log" table.				Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data.		
	3 DamageEventID	Damage Event ID	text(100)	FK	Foreign key to the damage point tables.	Yes	Yes	No	This data can be provided but may take more than 10 days to migrate to data schema format		Yes
										undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use GIS system upgrade the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
						Yes	Yes	No	to migrate to data schema format		Yes



WSD Data Schemas Draft V2 (2020-09-09) - Risk Event

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oint	Wire Down Event	Ali	Data Toma	Chamataniatia	Description	Data mondaled to leave	Assetta lattera Provincia della della	Data and and anti-	Estimated delicements of the con-	C
olumn	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 WireDownID	Wire Down ID	text(50)		Unique ID for the wire down event. Primary key for the Wire Down Point table.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	3 WireDownDate	Wire Down Date	date		The start date of the wire down event. Use YYYY-MM-DD format. Leave blank if unknown.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	4 WireDownYear	Wire Down Year	integer		The year that the risk event occurred. Use four digits.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	5 SuspectedWireDownCause	Suspected Wire Down Cause	text(30)		High-level category for wire down event cause. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other – See comment.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		
	6 SuspectedWireDownCauseComn	Suspected Wire Down Cause Comment	text(30)		Suspected wire down cause description not listed in the options above.	No	Data not available at a lower level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

7 ObjectContact	Object Contact	text(30) Doma	Description of object involved in the contact if the value of "SuspectedWireDownCause" is "Object contact." Enter N/A for this field if the value of "SuspectedWireDownCause" is not "Object contact." Possible values: Vegetation contact Animal contact Balloon contact Vehicle contact - car pole Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
8 EquimentFailure	Equiment Failure	text(30) Doma		No No	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
9 EquipmentFailureComment	Equipment Failure Comment	text(30)	Equipment failure description not listed in the options above.	No Data not available at a lowe level.	r Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
10 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float	Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	o No Outage data is not tracked a this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

11 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float	Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
12 SpanLength	Span Length (feet)	float	The length of a single-phase conductor, in feet, as measured between the "FromDevice" and "ToDevice."	No	this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
13 TotalSplices	Total Splices	integer	The total number of splices in the span of conductor involved in the wire down event. In the event of wire down events occurring over multiple spans, include the total number of splices in all failed spans.	No	this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
14 MaxSplices	Maximum Splices	integer	The maximum number of splices in an individual phase conductor involved in the wire down event.	No	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
15 MultipleDown	Multiple Down	text(3) Domain	Was more than one span of conductors impacted by the wire down event? Possible values: Yes No	No	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
16 ConductorMaterial	Conductor Material	text(50) Domain	Material of the conductor involved in the wire down event. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other – See comment.	No	is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
17 ConductorMaterialComment	Conductor Material Comment	text(50)	Conductor material description not listed in the options above.	No	this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

18 ConductorSize	Conductor Size	text(30)	Size (e.g. No. 4, 1/0, etc.) of the conductor involved in No the incident, in AWG or KCMIL.	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
19 ConductorOD	Conductor Overall Diameter (inches)	float	Overall diameter of the conductor, in inches. No	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
20 ConductorCodeName	Conductor Code Name	text(30)	The code name of the conductor involved in the wire No down event. For example, Lapwing, Sparrow, Merlin, etc.	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
21 ConductorRating	Conductor Rating	float	The nominal ampacity rating of the conductor involved No in the wire down event, in amperes.	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
22 OutageStatus	Outage Status	text(3) Doma	was there an outage associated with the event? Possible values: Yes No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
23 ToutageID	Transmission Outage ID	text(50) FK	A unique ID for the transmission outage event. Foreign No key to the Transmission Outages table.	Outage data is tracked at the total Transmission & Distribution level with no separate ID distinguishing from T&D corcuits.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
24 DoutageID	Distribution Outage ID	text(50) FK	A unique ID for the distribution outage event. Foreign No key to the Distribution Outages table.	Outage data is tracked at the total Transmission & Distribution level with no separate ID distinguishing from T&D corcuits.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

25 Energized	Energized	text(3)	Domain	Was the conductor energized while in contact with a grounded object during the event? If the wire down event did not result in contact with a grounded object, then enter N/A for this field. Possible values: Yes No N/A	No
26 IgnitionStatus	Ignition Status	text(3)	Domain	Was there an ignition associated with the wire down event? Possible values: Yes No	No
27 WireDownNotes	Wire Down Notes	text(100)		Additional information or notes available for the wire down event and not captured in other fields.	No
28 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the outage intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No
29 City	City	text(50)		City in where the wire down event is located.	No
30 County	County	text(50)		County in where the wire down event is located.	No
31 District	District	text(100)		Operating district where the wire down occurred.	No

Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for GIS format by 8/2021, upon completion completion in late 2021. The updated GIS will use of enterprise GIS system upgrade. the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.

will provide requested information in

Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for GIS format by 8/2021, upon completion completion in late 2021. The updated GIS will use of enterprise GIS system upgrade. the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.

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To the extent possible, Liberty CalPeco will provide requested information in

	32 Latitude	Latitude	float		Latitude of event point in decimal degrees	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	33 Longitude	Longitude	float		Longitude of event point in decimal degrees.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Point	Ignition									
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 IgnitionID	Ignition ID	text(50)	PK	Unique ID for the ignition event. Primary key for the Ignition Point table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	3 FireStartTime	Fire Start Time	date		The start time of the event. Must be in the "hh:mm:ss' format.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	4 FireStartDate	Fire Start Date	date		The start date of the event. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	5 FireStartYear	Fire Start Year	Integer		The year that the risk event occurred. Use four digits.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	6 FireDetectionMethod	Fire Detection Method	text(30)	Domain	The method by which the utility first learned of the ignition event. Possible values: Public Satellite Camera Utility staff Fire agency Other – Comment.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	7 FireDetectionMethodComment	Fire Detection Method Comment	text(30)		Fire detection method description not listed in the options above.	No	No ignition events this year			
	8 SuspectedInitiatingCause	Suspected Initiating Cause	text(30)	Domain	The suspected initiating event of the ignition. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other Secomment	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

Other – See comment.

9 SuspectedInitiatingCauseComm	e Suspected Initiating Cause Comment	text(30)		Suspected initiating event of the ignition cause description not listed in the options above.	No	No ignition events this year		
10 ObjectContact	Object Contact	text(30)	Domain	Description of object involved in contact if "Object contact" is value of "SuspectedInitiatingEvent". If "Object contact" is not the value of "SuspectedInitiatingEvent," then enter N/A for this field. Possible values: Vegetation contact Animal contact Balloon contact Vehicle contact - car pole Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
11 EquimentFailure	Equiment Failure	text(30)	Domain	Description of equipment involved in ignition, if "Equipment failure" is value of "SuspectedInitiatingEvent". If "Equipment failure" is not the value of "SuspectedInitiatingEvent," then enter N/A for this field. Possible values: Anchor/ guy Capacitor bank Conductor Connector device Crossarm Fuse Insulator and bushing Lightning arrestor Pole Recloser Relay Sectionalizer Splice Switch Tap Tie wire Transformer Voltage regulator/ booster Unknown Other – See comment. N/A	No	No ignition events this year	Data pulled from outage database above	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
12 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	o No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
13 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
14 SubstationID	Substation ID	text(50)	FK	Unique ID of the substation supplying the involved circuit. Foreign key to Substation table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
15 SubstationName	Substation Name	text(50)		Name of the substation supplying the involved circuit.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
16 OtherCompanies	Other Companies	text(50)		Affected companies from the event.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

17 EquipmentType	Equipment Type	text(30)	Domain	The type of equipment involved in the ignition event. Possible values: Overhead Pad-mounted Subsurface	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
18 Determination	Determination	text(30)	Domain		No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
19 DeterminationComment	Determination Comment	text(50)		Determination entity description not listed in the options above.	No	No ignition events this year		
20 FacilityContacted	Facility Contacted	text(50)	Domain	The first facility that was contacted by an outside object. Only to be used if "Object contact" is selected as "SuspectedInitiatingEvent". Possible values: Electric Facility Pole Communication Facility	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
21 ContributingFactor	Contributing Factor	text(30)	Domain	Factors suspected as contributing to the ignition. Possible values: Weather External Force Human Error Other – See comment Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
22 ContributingFactorComment	Contributing Factor Comment	text(30)		Contributing factor description not listed in the options above.	s No	No ignition events this year		
23 RFWStatus	Red Flag Warning Status	text(3)	Domain	Was there a red flag warning (RFW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
24 RFWIssueDate	Red Flag Warning Issue Date	date		The date on which the NWS issued the RFW in effect at the ignition location at the time of the ignition event. Leave blank if there was no RFW in effect at the time of ignition at the ignition location. Also leave blank if unknown. Use YYYY- MM-DD format.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
25 RFWIssueTime	Red Flag Warning Issue Time	date		The time at which the NWS issued the RFW in effect at the ignition location at the time of the ignition event. Leave blank if there was no RFW in effect at the time of ignition at the ignition location. Must be in the "hh:mm:ss" format.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
26 FWWStatus	Fire Weather Watch Status	text(3)	Domain	Was there a fire weather watch (FWW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
27 FWWIssueDate	Fire Weather Watch IssueDate	date		The date on which the NWS issued the FWW in effect at the ignition location at the time of the ignition event. Leave blank if there was no FWW in effect at the time of ignition at the ignition location. Also leave blank if unknown. Use YYYY-MM-DD format.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
28 FWWIssueTime	Fire Weather Watch IssueTime	date		The time at which the NWS issued the FWW in effect at the ignition location at the time of the ignition event. Leave blank if there was no FWW in effect at the time of ignition at the ignition location. Must be in the "hh:mm:ss" format.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

29 HWWStatus	High Wind Warning Status	text(3)	Domain	Was there a high wind warning (HWW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
30 HWWIssueDate	High Wind Warning IssueDate	date		No The date on which the NWS issued the HWW in effect at the ignition location at the time of the ignition event. Leave blank if there was no HWW in effect at the time of ignition at the ignition location. Also leave blank if unknown. Use YYYY-MM-DD format.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
31 HWWIssueTime	High Wind Warning IssueTime	date		The time at which the NWS issued the HWW in effect at the ignition location at the time of the ignition event. Leave blank if there was no HWW in effect at the time of ignition at the ignition location. Must be in the "hh:mm:ss" format.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
32 OriginLandUse	Origin Land Use	text(10)	Domain	Status of land at origin of ignition. Possible values: Rural Urban	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
33 MaterialAtOrigin	Material At Origin	text(30)	Domain	Fuel material for the ignition origin. Possible values: Vegetation Structure Other – See comment	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
34 MaterialAtOriginComment	Material At Origin Comment	text(30)		Material at origin description not listed in the options	No	No ignition events this year		
35 FuelBedDescription	Fuel Bed Description	text(100)	Domain	above. Type of fuel bed existing at the damage location. Possible values: Fire-resistive fuel bed - Fuel bed not conducive to propagating fire where damage occurred (e.g. asphalt, concrete, gravel, etc.). Grass fuel model - Fuel bed comprised of annual grasses where damaged occurred. Brush fuel model - Fuel bed comprised of mainly brush or shrubs where damage occurred (e.g. chamise, manzanita, chaparral, scotch broom, etc.). Timber fuel model - Fuel bed comprised of a timber where damaged occurred (e.g. forests, timber litter, logging slash, etc.). Other – See comment.		No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
36 FuelBedDescriptionComment	Fuel Bed Description Comment	text(100)		Fuel bed description not listed in the options above.	No	No ignition events this year		
37 FireSize	Fire Size	text(30)	Domain	Size, in acres unless otherwise indicated, of fire resulting from the ignition. Possible values: Structure-only <3 meters of linear travel <0.25 0.26-9.99 100-299 300-999 1,000-4,999 >5,000 Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
38 SuppressedBy	Suppressed By	text(30)	Domain	Entity responsible for suppressing ignition. Possible values: Customer Fire agency Self-extinguished Utility Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

39 SuppressingAgency	Suppressing Agency	text(30)	If the "SupressedBy" is "Fire Agency", enter the fire department name.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
40 FireInvestigation	Fire Investigation	text(30) Domain	Whether the fire authority having jurisdiction investigated the ignition and the status of the investigation. Possible values: Yes – Complete Yes – Pending No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
41 FireAHJ	Fire AHJ	text(100)	If there was an investigation of the ignition by a fire authority having jurisdiction, enter the fire agency name.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
42 OutageStatus	Outage Status	text(3) Domain	Was there an outage associated with the event? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
43 ToutageID	Transmission Outage ID	text(50) FK	A unique ID for the transmission outage event. Foreign key to the Transmission Outages table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
44 DoutageID	Distribution Outage ID	text(50) FK	A unique ID for the distributoin outage event. Foreign key to the Distribution Outages table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
45 IgnitionNotes	Ignition Notes	text(100)	Additional information regarding the ignition event. All additional data fields collected by the utility that are not included in this ignition schema shall be included in this field.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
46 HFTDClass	HFTD Class	text(10) Domain	The CPUC high-fire threat district (HFTD) area the ignition event intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
47 City	City	text(50)	City in where the ignition event is located.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
48 County	County	text(50)	County in where the ignition event is located.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
49 District	District	text(100)	Operating district where the ignition occurred.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
50 Latitude	Latitude	float	Latitude of event point in decimal degrees.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
51 Longitude	Longitude	float	Longitude of event point in decimal degrees.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

Point Column	Transmission Outage Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 ToutageID	Transmission Outage ID	text(50)	PK	The unique ID for outage event. Primary key for the Transmission Outages table.	submission? (Yes/ No) No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	3 EventYear	Event Year	integer		The year outage started. Use four digits.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	4 OutageStartDate	Outage Start Date	date		The date outage started. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	5 OutageStartTime	Outage Start Time	date		The time outage started. Must be in the "hh:mm:ss" format.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	6 OutageEndDate	Outage End Date	date		The date of full restoration.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	7 OutageEndTime	Outage End Time	date		The time of full restoration. Must be in the "hh:mm:ss' format.	No No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	8 OutageDuration	Outage Duration	date		The total time to restore all customers from the first customer out. Must be in the "hh:mm:ss" format.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	9 CMI	Total Customer-Minutes Interrupted	float		Total customer-minutes interrupted associated with the outage. Not more than two decimal places.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	10 CustomersOutMomentary	Customers Out Momentary	integer		Total number of unique customers that experienced ar outage lasting 5 minutes or less.	n No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	

11 CustomersOutSustained	Customers Out Sustained	integer	Total number of unique customers that experienced an outage lasting longer than 5 minutes.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
12 CustomerCount	Customer Count	integer	The total number of customers impacted by the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
13 OutageInterval	Outage Interval	text(30) Domain	Indication of whether the subject outage was momentary (i.e. 5 minutes or less) or sustained (i.e. longer than 5 minutes). Possible values: Momentary Sustained	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
14 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float	Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
15 AssociatedOperatingVoltagek\	V Associated Operating Voltage (kV)	float	Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
16 OtherCompanies	Other Companies	text(150)	Affected companies from the event.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
17 OutageClass	Outage Class	text(30)	The class of circuit involved in the outage. Possible Values: Transmission	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
18 SubstationID	Substation ID	text(50) FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
19 RecloserSetting	Recloser Setting	text(30) Domain	If the subject circuit is equipped with reclosing capabilities, indicate whether the reclose function was enabled or disabled at the time of the outage. If the subject circuit is not equipped with reclosing capabilities assign N/A. Possible values: Enabled Disabled N/A	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
20 IsolationDeviceType	Isolation Device Type	text(30) Domain	Type of protective device that operated. Possible values: Circuit Breaker Fuse Lightning Arrestor Switch Other – See comment	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

21 IsolationDeviceTypeComment	Isolation Device Type Comment	text(30)		Isolation device type description not listed in the options above.	No
22 BasicCause	Basic Cause	text(30)	Domain	High-level category for event cause. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other – See comment.	No
23 BasicCauseComment	Basic Cause Comment	text(30)		Basic cause description not listed in the options above.	No
24 BasicCauseObject	Basic Cause Object	text(30)	Domain	Description of object involved in contact if "Object contact" is value of "BasicCause." Possible values: Vegetation contact Animal contact Balloon contact Vehicle contact - car pole Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No
25 BasicCauseObjectComment	Basic Cause Object Comment	text(30)		Basic cause object description not listed in the options above.	No
26 DamagedDevice	Damaged Device	text(30)	Domain	The device type that failed or experienced damage which initiated the outage. Possible Values: Anchor/ guy Capacitor bank Conductor Connector device Crossarm Fuse Insulator and bushing Lightning arrestor Pole Recloser Relay Sectionalizer Splice Switch Tap Tie wire Transformer Voltage regulator/ booster Unknown Other – See comment. N/A	No

All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

27 Dama _l	gedDeviceComment	Damaged Device Comment	text(30)	Damaged device description not listed in the options above.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
28 Expuls	sion Fuse Operation	Expulsion Fuse Operation	text(3)	Did an expulsion fuse operate during the outage? Enter N/A if the subject circuit is not equipped with expulsion type fuses. Possible values Yes No N/A		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
29 Outag	geDescription	Outage Description	text(100)	Description or additional information for the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
30 MED		Major Event Day	text(3)	If all outages on a certain date exceed a statistical limit called Major Event Day (MED), this flag is set against outages associated with that day and typically excluded from certain types of reports. Possible values Yes		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
31 Supple	emental Cause	Supplemental Cause	text(50)	The supplemental cause of the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
32 Supple	emental Cause Description	Supplemental Cause Description	text(100)	Please describe the supplemental cause of the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
33 HFTDO	Class	HFTD Class	text(10) Domain	The CPUC high-fire threat district (HFTD) area the outage intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
34 Locati	ionOrAddress	Location or Address	text(100)	Address or location description for the outage location.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
35 City		City	text(50)	City in where the outage event is located.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
36 Count	ty	County	text(50)	County in where the outage event is located.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
37 Distric	ct	District	text(100)	Operating district where the outage event occurred.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

	38 Latitude	Latitude	float		Latitude of event point in decimal degrees.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	39 Longitude	Longitude	float		Longitude of event point in decimal degrees.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
Point Column	Transmission VM Outage Field Name	Alias	Data Type (Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe Conf	idential? (Yes/No)
	1 TvmOutageID	Transmission VM Outage ID	text(50)		The unique ID for outage caused by vegetation. Primary key for the Transmission VM Outages table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	3 ToutageID	Outage ID	text(50) F	FK	Foreign key to the Transmission Outages table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	4 EventYear	Event Year	int		The year outage started. Use four digits.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	5 DateOut	Date Out	date		The date outage started. Use YYYY-MM-DD format. Leave blank if unknown.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	6 TimeOut	Time Out	time		The time outage started. Must be in the "hh:mm:ss" format.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	7 InspectionDate	Inspection Date	date		Date of inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
	8 SubstationID	Substation ID	text(50) F		Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	

9 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float	Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
10 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float	Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
11 TreeSpecies	Tree Species	text(100)	Species of the subject tree involved in causing the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
12 TreeHeight	Tree Height (feet)	int	Tree height estimation height of the subject tree involved in causing the outage, in feet.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
13 TreeDBH	Tree Diameter at Breast Height (Inches)	int	Tree diameter at breast height of the subject tree involved in causing the outage, in inches.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
14 TreeTrunkDistance	Tree Trunk Distance (feet)	int	Horizontal distance of the subject tree's trunk from the impacted power lines, in feet.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
15 VmOutageDescription	VM Outage Description	text(100)	Description or additional information for the VM outage event.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
16 HFTDClass	HFTD Class	text(10) Domain	The CPUC High Fire Threat District area that the VM outage event intersects. Possible values: Tier 3 Tier 2 Zone 1	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
17 LocationOrAddress	Location or Address	text(100)	Non-HFTD Address or location description for the outage location.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
18 City	City	text(50)	City in where the VM outage is located.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
19 County	County	text(50)	County in where the VM outage is located.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

	20 District	District	text(100)	Operating district where the VM outage occurred.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
	21 Latitude	Latitude	float	Latitude of event point in decimal degrees.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
	22 Longitude	Longitude	float	Longitude of event point in decimal degrees.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
Point Column	Distribution Outage Field Name	Alias	Data Type Charateri	stic Description	Data provided in latest	Availability Explanations	Data procurement actions	Estimated delivery timeframe Confidential? (Yes/No)
Column	1 DoutageID	Distribution Outage ID	text(50) PK	The unique ID for outage event. Primary key for the	submission? (Yes/ No) No	Availability Explanations	Data procurement actions	Estimated delivery unierranie Confidentials (res/No)
	2 UtilityID	Utility ID	text(30) PK	Distribution Outages table. Standardized identification name of the utility	No			
	3 EventYear	Event Year	intogor	("UtilityG&E," etc.). The year outage started. Use four digits.	No			
	4 OutageStartDate	Outage Start Date	integer date	The date outage started. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No			
	5 OutageStartTime	Outage Start Time	date	The time outage started. Must be in the "hh:mm:ss" format.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	6 OutageEndDate 7 OutageEndTime	Outage End Date Outage End Time	date date	The date of full restoration. The time of full restoration. Must be in the "hh:mm:s: format.	No S" No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	8 OutageDuration	Outage Duration	date	The total time to restore all customers from the first customer out. Must be in the "hh:mm:ss" format.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	9 CMI	Total Customer-Minutes Interrupted	float	Total customer-minutes interrupted associated with the outage. Not more than two decimal places.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	10 CustomersOutMomentary	Customers Out Momentary	integer	Total number of unique customers that experienced a outage lasting 5 minutes or less.	an No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	11 CustomersOutSustained	Customers Out Sustained	integer	Total number of unique customers that experienced a outage lasting longer than 5 minutes.	an No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
	12 CustomerCount	Customer Count	integer	The total number of customers impacted by the outage.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

13 OutageInterval	Outage Interval	text(30)	Domain	Indication of whether the subject outage was momentary (i.e. 5 minutes or less) or sustained (i.e. longer than 5 minutes). Possible values: Momentary	No	D
14 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Sustained Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	Di
15 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	D
16 OtherCompanies	Other Companies	text(150)		Affected companies from the event.	No	
17 OutageClass	Outage Class	text(30)		The class of circuit involved in the outage. Possible Values: Distribution	No	
18 SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage.	No	
				Must be traceable stable ID within a specific asset class. Foreign key to Substation table.		
19 RecloserSetting	Recloser Setting	text(30)	Domain	If the subject circuit is equipped with reclosing capabilities, indicate whether the reclose function was enabled or disabled at the time of the outage. If the	No	D
				subject circuit is not equipped with reclosing capabilities assign N/A. Possible values: Enabled		
				Disabled N/A		
20 IsolationDeviceType	Isolation Device Type	text(30)	Domain	Type of protective device that operated. Possible values:	No	D
				Circuit Breaker Fuse		
				Lightning Arrestor Switch		
21 IsolationDeviceTypeComment	Isolation Device Type Comment	text(30)		Other – See comment Isolation device type description not listed in the	No	
21 Isolation Device Type comment	isolation bevice type comment	τεκτίσο		options above.		
22 BasicCause	Basic Cause	text(30)	Domain	High-level category for event cause. Possible values: Object contact	No	
				Equipment failure		
				Wire-to-wire contact		
				Contamination Utility work/Operation		
				Vandalism/Theft		
				Unknown Other – See comment.		
				other – see comment.		
23 BasicCauseComment	Basic Cause Comment	text(30)		Basic cause description not listed in the options above.	No	
24 BasicCauseObject	Basic Cause Object	text(30)	Domain	Description of object involved in contact if "Object contact" is value of "BasicCause." Possible values: Vegetation contact	No	
				Animal contact		
				Balloon contact Vehicle contact - car pole		
				Vehicle contact - aircraft		
				3rd party contact (e.g. 3rd party tree trimmer) Unknown		
				N/A		
2E BasisCausaChinatCausant	Pacia Cauca Object Commercial	tovt/20\		Darie cause phiost description not listed in the servi-	No	
25 BasicCauseObjectComment	Basic Cause Object Comment	text(30)		Basic cause object description not listed in the options above.	INU	

Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

26 DamagedDevice	Damaged Device	text(30)	Domain	The device type that failed or experienced damage which initiated the outage. Possible Values: Anchor/ guy Capacitor bank Conductor Connector device Crossarm Fuse Insulator and bushing Lightning arrestor Pole Recloser Relay Sectionalizer Splice Switch Tap Tie wire Transformer Voltage regulator/ booster Unknown Other – See comment. N/A	No
27 DamagedDeviceComment	Damaged Device Comment	text(30)		Damaged device description not listed in the options above.	No
28 ExpulsionFuseOperation	Expulsion Fuse Operation	text(3)		Did an expulsion fuse operate during the outage? Enter N/A if the subject circuit is not equipped with expulsion type fuses. Possible values Yes No N/A	
29 OutageDescription	Outage Description	text(100)		Description or additional information for the outage.	No
30 MED	Major Event Day	text(3)		If all outages on a certain date exceed a statistical limit called Major Event Day (MED), this flag is set against outages associated with that day and typically excluded from certain types of reports. Possible values Yes	
31 SupplementalCause	Supplemental Cause	text(50)		The supplemental cause of the outage.	No
32 SupplementalCauseDescription	Supplemental Cause Description	text(100)		Please describe the supplemental cause of the outage.	No
33 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the outage intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No
34 LocationOrAddress	Location or Address	text(100)		Address or location description for the outage location.	No
35 City 36 County	City County	text(50) text(50)		City in where the outage event is located. County in where the outage event is located.	No No
30 County	Source	(20)		ssamy in where the outage event is located.	

Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.

	37 District	District	text(100)		Operating district where the outage event occurred.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	38 Latitude 39 Longitude	Latitude Longitude	float float		Latitude of event point in decimal degrees. Longitude of event point in decimal degrees.	No No				
Point Column	Distribution VM Outage Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 DvmOutageID	VM Outage ID	text(50)	PK	The unique ID for outage caused by vegetation. Primary key for the Distribution VM Outages table.	No				
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No				
	3 DoutageID	Outage ID	text(50)	FK	Foreign key to the Distribution Outages table.	No				
	4 EventYear 5 DateOut	Event Year Date Out	int date		The year outage started. Use four digits. The date outage started. Use YYYY-MM-DD format.	No No				
	3 Dateout	Date out	date		Leave blank if unknown.	110				
	6 TimeOut	Time Out	time		The time outage started. Must be in the "hh:mm:ss" format.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	7 InspectionDate	Inspection Date	date		Date of inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No				
	8 SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No				
	9 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	10 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	11 TreeSpecies	Tree Species	text(100)		Species of the subject tree involved in causing the outage.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	12 TreeHeight	Tree Height (feet)	int		Tree height estimation height of the subject tree involved in causing the outage, in feet.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	13 TreeDBH	Tree Diameter at Breast Height (Inches)	int		Tree diameter at breast height of the subject tree involved in causing the outage, in inches.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	14 TreeTrunkDistance	Tree Trunk Distance (feet)	int		Horizontal distance of the subject tree's trunk from the impacted power lines, in feet.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	15 VmOutageDescription	VM Outage Description	text(100)		Description or additional information for the VM outage event.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

	16 HFTDClass	HFTD Class	text(10)	Domain	The CPUC High Fire Threat District area that the VM outage event intersects. Possible values: Tier 3 Tier 2 Zone 1	No				
	17 LocationOrAddress	Location or Address	text(100)		Non-HFTD Address or location description for the outage location.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	18 City 19 County 20 District	City County District	text(50) text(50) text(100)		City in where the VM outage is located. County in where the VM outage is located. Operating district where the VM outage occurred.	No No No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	21 Latitude 22 Longitude	Latitude Longitude	float float		Latitude of event point in decimal degrees. Longitude of event point in decimal degrees.	No No				
Table	Risk Event Asset Log	Alias	Data Tuna	Charataristis	Description	Data provided in latest	Availability Evalanations	Data progressions	Estimated delivery timestrane	Confidential (Vac (No.)
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 RealD	Equipment Failure ID	text(50)	PK	The unique ID for the associated asset. Primary key for the Risk Event Asset Log table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	2 WireDownID	Wire Down ID	text(50)	FK	Foreign key to the Wire Down Event table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	3 FromDevice	From Device	text(50)	FK	The AssetID of the upstream structure supporting the conductor involved in the wire down event. Enter multiple IDs if multiple upstream structures are in the same location. Foreign key to all the associated asset point tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	4 ToDevice	To Device	text(50)	FK	The AssetID of the downstream structure(s) supporting the conductor involved in the wire down event. Enter multiple IDs if multiple downstream structures are in the same location. Foreign key to all the associated asset point tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	5 IgnitionID	Ignition ID	text(50)	FK	Foreign key to the Ignition table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	6 StationID	Station ID	text(50)	FK	Unique ID for the nearest weather station to the ignition location. Enter multiple IDs if multiple stations are in the same location. Must be traceable stable ID within a weather station. Foreign key to the Weather Station table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	7 ToutageID	Transmission Outage ID	text(50)	FK	Foreign key to the Transmission Outages table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	8 TvmOutageID	Transmission VM Outage ID	text(50)	FK	The unique ID for outage caused by vegetation. Foreign key to the Transmission Vegetation Management Outage table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	

	9 DoutageID	Distribution Outage ID	text(50)	FK	Foreign key to the Distribution Outages table.	No		No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	10 DvmOutageID	Distribution VM Outage ID	text(50)	FK	The unique ID for outage caused by vegetation. Foreign key to the Distribution Vegetation Management Outage table.	No		No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	11 IsolationDeviceID	Isolation Device ID	text(50)	FK	The AssetID of the device that operated to de-energize the circuit for an outage event. Should be traceable within a specific asset class. Foreign key to all the associated asset point tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	12 DamagedDeviceID	Damaged Device ID	text(50)	FK	damage which initiated the outage. Should be traceable within a specific asset class. Foreign key to all the associated asset point	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	13 AssetID	Asset ID	text(50)	FK	tables. Unique ID for asset point tables. Must be traceable stable ID within a specific asset class. Foreign key to all the associated asset point tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	14 CircuitID	Circuit ID	text(50)	FK	Unique ID for the specific circuit impacted by a risk event. Must be traceable stable ID within a specific asset class. Foreign key to all the associated asset tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
	15 SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a substation. Foreign key to the Substation table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
Table	Risk Event Photo Log									
Column	Field Name	Alias	Data Type	Charateristic	•	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 PhotoID	Photo ID	text(100)	PK	Illustration of the initiative or inspection activity. Primary key for the Risk Event Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_RiskEvent_YYYY MMDD_PhotoNumber. For example, "UtilityG&E_AB_Ignition_20200703_1.png". If more than one photo is taken, enter additional photo IDs with the duplicate risk event ID.	No				
	2 IgnitionID	Ignition ID	text(50)	FK	"UtilityG&E_AB_Ignition_20200703_1.png". If more than one photo is taken, enter additional photo IDs	No				

with the duplicate risk event ID.

Foreign key to the Wire Down Event table.

text(50) FK

3 WireDownID

Wire Down ID



WSD Data Schemas Draft V2 (2020-09-09) - Initiative

able	Vegetation Management Inspection Log									
Column	Field Name 1 VmiLogID	Alias VMI Log ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	ID's to its vegetation management inspection	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an	To the extent possible, Liberty CalPeco will provide requested information in	Confidential? (Yes/No)
					Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation		categorized by project type in our database.	completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	2 VmpLogID	VMP Log ID	text(50)	FK	Management Inspection Log table.	No	ID's to its vegetation management projects. Vegetation management projects are categorized			Yes
	3 InspectionDate	Inspection Date	date		Unique ID or job ID of a vegetation management project resulting from a vegetation management inspection. A Foreign key to the Vegetation Management Project table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD		To the extent possible, Liberty CalPeco will provide requested information in	
					The date when a vegetation management inspection was or will be conducted. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.		GIS schema.		GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	4 InpsectorName	Inpsector Name	text(50)		Inspector performing the vegetation management inspection.		Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	5 InspectionType	Inspection Type	text(30)	Domain	Initiative activities related to the vegetation management project which include, Assessing trees with the potential to strike Clearances – routine Clearances – enhanced Hazard trees Tree mortality	No	Liberty CalPeco does not track vegetation inspection data in this format, and does not currently have this data in the GIS.			Yes
	6 InspectionTypeComment	Inspection Type Comment	text(30)		Other – See comment	No	Liberty CalPeco does not track vegetation inspection data in this format, and does not currently have this data in the GIS.			Yes
	7 InspectionStatus	Inspection Status	text(30)	Domain	Inspection type description not listed in the options above. The status of the initiative activity related to the vegetation inspection project which include, Planned In-progress	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently have this data in the GIS.			Yes
	8 InspectionQA	Inspection QA	text(3)	Domain	Complete Has the inspection been checked for quality assurance? Possible values:	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently have this data in the GIS.			Yes
	9 TreeTrimmingCount	Tree Trimming Count	integer		Yes No	No			To the extent possible, Liberty CalPeco	
							but it does not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	10 TreeTrimmingAcreage	Tree Trimming Acreage	float		The number of trees identified for trimming from the vegetation management inspection. The acreage of trees identified for trimming from the vegetation management inspection. Two	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently			Yes
	11 InspectionComment	Inspection Comment	text(100)		decimal places	No	have this data in the GIS. Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is		Yes
	12 InspectionMethod	Inspection Method	text(100)	Domain	Additional comments regarding the vegetation inspection project. The method(s) by which the asset inspection was conducted. Possible values: Drive by Walk out Aerial – drone	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently have this data in the GIS.	extent available by August 2021. Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for		
					Aerial – Holicopter Remote sensing – Infrared/Thermal Remote sensing – LIDAR Other – See comment.			completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	or enterprise are system upgrade	Yes

	13 InspectionMethodComment	Inspection Method Comment	text(50)			No	Liberty CalPeco does not track vegetation		To the extent possible, Liberty CalPeco	
							inspection data at this level, and does not currently have this data in the GIS.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	14 InspectionTechnology	Inspection Technology	text(30)	Domain	Inspection method description not listed in the options above.	No	Liberty CalPeco does not track vegetation	· · · · · · · · · · · · · · · · · · ·	To the extent possible, Liberty CalPeco	
					The technology that an inspector uses for the vegetation management inspection. Possible values: Collector for ArcGIS Survey123 for ArcGIS Workforce for ArcGIS ArcGIS QuickCapture Other – See comment None		inspection data at this level, and does not currently have this data in the GIS.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	15 InspectionTechnologyComment	Inspection Technology Comment	text(30)		Inspection technology description not listed in the options above.	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently have this data in the GIS.			Yes
Point	Vegetation Management Inspection Point				inspection technology description not asced in the options above.					
Column	Field Name 1 VmilD	Alias VMI ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	categorized by project type in our database.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Confidential? (Yes/No) Yes
	2 Hellerin	INTE ID	11(10)		Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Point table.	No	Uhan Calbaraha Miraha international Cicles	extent available by August 2021.	To the contract and the Ultracta College	
	2 UtilityID	Utility ID	text(10)			No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.			Yes
	3 VmiLogID	VMI Log ID	text(50)	FK	Standardized identification name of the utility ("UtilityG&E," etc.).	No	categorized by project type in our database.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the		Yes
					Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Log table.		iornat.	extent available by August 2021.		
	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	5 ParcelAPN	Parcel APN	text(17)		Address or location description for the inspection location.	No		Liberty CalPeco's parent company, Algonquin, is		
					Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. Use the format: ###-####-####		but it does not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	6 TreeHealth	Tree Health	text(3)	Domain	####. For example, 006-0144- 029-0000.	No	Liberty CalPeco does not track vegetation inspection data at this level, and does not currently have this data in the GIS.	, , , , , , , , ,		Yes
					Is the tree healthy? Possible values: Yes			provide the requested data requirements to the extent available by August 2021.		
	7 TreeSpecies	Tree Species	text(100)		No	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is		Yes
	8 TreeHeight	Tree Height (feet)	int		Common name for species of tree.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
					Tree height (feet). Round the value.			. .		

	9 TreeDiameter	Tree Diameter (Inches)	int		No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	10 HFTDClass	HFTD Class	text(10) Domain	Tree diameter at breast height (inches). Round the value. The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values Tier 3 Tier 2 Zone 1	No S:	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is		Yes
	11 City	City	text(50)	Non-HFTD	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	12 County	County	text(50)	City in where the vegetation management inspection is located. County in where the vegetation management inspection is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	will provide requested information in GIS format by 8/2021, upon completion	Yes
	13 District	District	text(100)		No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	14 Latitude	Latitude	float	Operating district where the vegetation management inspection occurred.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	15 Longitude	Longitude	float	Latitude of event point in decimal degrees	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
ino	Vegetation Management Inspection Line			Longitude of event point in decimal degrees.					
Column		Alias VMI ID	Data Type Charateristic text(50) PK	Description	Data provided in latest submission? (Yes/ No) No	ID's to its vegetation management inspection activities. Vegetation management inspections are categorized by project type in our database.	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	onfidential? (Yes/No) Yes
				Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Line table.			extent available by August 2021.		
	2 UtilityID	Utility ID	text(10)		No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	3 VmiLogID	VMI Log ID	text(50) FK	Standardized identification name of the utility ("UtilityG&E," etc.). Linique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation	No	ID's to its vegetation management inspection activities. Vegetation management inspections are categorized by project type in our database.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the		Yes
	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Log table. Address or location description for the inspection location.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes

	5 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No			will provide requested information in GIS format by 8/2021, upon completion	Yes
	6 HFTDClassComment	HFTDClassComment	text(50)		If the project line intersects multiple HFTD areas, list all of them here.	No				Yes
	7 City	City	text(50)		City in where the vegetation management inspection is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	8 County	County	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)		County in where the vegetation management inspection is located. Operating district where the vegetation management inspection occurred.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Polygon	Vegetation Management Inspection Polygon									
Column	Field Name 1 VmiID	Alias VMI ID	Data Type text(50)	Property PK	Description	Data provided in latest submission? (Yes/ No) No	Liberty CalPeco does not currently assign unique ID's to its vegetation management inspection activities. Vegetation management inspections are categorized by project type in our database. Previous inspection activity is not available in this	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Confidential? (Yes/No) Yes
					Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation			extent available by August 2021.		
	2 UtilityID	Utility ID	text(10)		Management Inspection Polygon table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	3 VmiLogID	VMI LogID	text(50)	FK	Standardized identification name of the utility ("UtilityG&E," etc.). Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation	No	ID's to its vegetation management inspection activities. Vegetation management inspections are categorized by project type in our database. Previous inspection activity is not available in this format.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use		Yes
	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)		Management Inspection Log table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	E HETDOL:	HETD Class	11(10)	Bernete	Address or location description for the inspection location.		Ularata Calbara harabia data in the acidica NAG			
	5 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values: Tier 3 Tier 2 Zone 1	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	6 HFTDClassComment	HFTDClassComment	text(50)		Non-HFTD	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 City	City	text(50)		If the project line intersects multiple HFTD areas, list all of them here.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	8 County	County	text(50)		City in where the vegetation management inspection is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)		County in where the vegetation management inspection is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Operating district where the vegetation management inspection occurred.					
Table Column	Vegetation Management Project Log Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe (Confidential? (Yes/No)

1 VmpLogID	VMP Log ID	text(50)	PK		No
2 DateStart	Date Start	date		Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Log table.	No
3 DateEnd	Date End	date		The start date of the vegetation management project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
4 VmpStatus	Vegetation Management Project Status	text(30)	Domain	The completion date of the vegetation management project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time. Status of the vegetation management project. Possible Values: Complete In progress	No
5 VmpStatusComments	Vegetation Management Project Status Comment	s text(30)		Planned Delayed Cancelled	No
6 PersoninCharge	Person In Charge	text(50)		Additional comments regarding the status of the vegetation management project.	No
7 CoastalRedwoodExemption	Coastal Redwood Exemption	text(3)	Domain	Name of the person in charge for the vegetation management project.	No
8 EncroachPermit	Encroach Permit	text(3)	Domain	Coastal redwood exception to clearance being applied. Possible values: Yes No	No
9 EnvPermit	Environmental Permit	text(3)	Domain	Is an encroachment permit required for the vegetation management project? Possible values: Yes No	No
10 EnvPermitProject	Environmental Permit Project	text(100)		Is special environmental permitting needed for the vegetation management project? Possible values: Yes No	No
11 EnvPermitDocumentation	Environmental Permit Documentation	text(50)		Specific activity (e.g., timber harvest under an exemption) for which a permit was obtained.	No
				Include any key details about environmental permit documentation and project ID numbers. For example, when the permitted project is timber harvest under an exemption, this field must include the harvest document number of the exemption (e.g., 2-20EX-01049-BUT).	

Liberty CalPeco does not currently assign unique ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data in this format, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes

12 BMPApply	Best Management Practice Apply	text(3)	Domain		No
13 AMMApply	Avoidance and Minimization Measures Apply	text(3)	Domain	Do best management practices apply for the vegetation management project? Possible values: Yes No	No
14 WoodManagement	Wood Management	text(3)	Domain	Do avoidance and minimization measures apply to the vegetation management project? Possible values: Yes No	No
15 WoodManagementComments	Wood Management Comments	text(100)		Is wood management needed for the vegetation management project? Possible values: Yes No	No
16 LandDesignation	Land Designation	text(50)	Domain	Additional comments regarding wood management needs for the vegetation management project. The assigned designation of the land where the subject vegetation management project is scheduled.	No
17 RiparianArea	Riparian Area	text(3)	Domain	Possible values: Local Responsibility Area (LRA) State Responsibility Area (SRA) Federal Responsibility Area (FRA)	No
18 CaltransProp	Caltrans Property	text(3)	Domain	Is the vegetation management project located in a riparian area? Possible values: Yes No	No
19 ProjectCategory	Project Category	text(50)	Domain	Is the vegetation management project located on Caltrans property? Possible values: Yes No High-level category describing the nature of the vegetation management project. Possible values: Tree trimming Tree removal	No
20 ProjectCategoryComment	Project Category Comment	text(50)		Fuel management Assessing trees with the potential to strike Other – See comment.	No
21 TreeTrimCount	Tree Trim Count	integer		Project category description not listed in the options above.	No
22 TreeTrimAcreage 23 TreeRemovalCount	Tree Trim Acreage Tree Removal Count	float integer		Number of trees listed for trimming in the vegetation management project. Acreage of trees listed for trimming in the vegetation management project. Two decimal places	No No

Number of trees listed for removal in the vegetation management project.

Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESR platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not track vegetation project data at this level, and does not currently have this	Liberty CalPeco does not plan to track vegetation inspection data at this level.		Yes
data in the GIS. Liberty CalPeco does not track vegetation project data at this level, and does not currently have this	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an undergoing control to the company of the control to the control	N/A To the extent possible, Liberty CalPeco will provide requested information in	
data in the GIS.	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes

24 TreeRemovalA	Acreage	Tree Removal Acreage	float			No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this			Yes
25 TreeTrimCoun	ntActl	Tree Trim Count Actually	integer		Acreage of trees listed for removal in the vegetation management project. Two decimal places	No	data in the GIS. Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	, , , , , , , ,		
					Number of trees actually trimmed as part of the vegetation management project.			the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
26 TreeTrimAcrea	eageActI	Tree Trim Acreage Actually	float		Acreage of trees actually trimmed as part of the in the vegetation management project. Two decimal places	No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco does not plan to track vegetation inspection data at this level.	N/A	Yes
27 TreeRemovalC	CountActl	Tree Removal Count Actually	integer			No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
28 TreeRemovalA	AcreageActl	Tree Removal Acreage Actually	float		Number of trees actually removed as part of the vegetation management project.	No	Liberty CalPeco does not track vegetation project	· -		
		,			Acreage of trees actually removed as part of the vegetation management project. Two decimal places		data at this level, and does not currently have this data in the GIS.		N/A	Yes
29 VegetationTre	eatmentType	Vegetation Treatment Type	text(50)	Domain		No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated Gis platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
30 VegetationTre	eatmentTypeComment	Vegetation Treatment Type Comment	text(50)			No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an	To the extent possible, Liberty CalPeco will provide requested information in	
					Treatment type not listed in options above—or multiple treatment types listed in options above. If multiple, list all separated by commas.		data in the GIS.	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
31 DescriptionOf	fWork	Description Of Work	text(100)			No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.			Yes
		_			Additional description of the vegetation management work.					
Point Vegetation M. Column Field Name 1 VmpID	Aanagement Project Point	Alias VMP ID		Charateristic PK	· · · · · · · · · · · · · · · · · · ·	Data provided in latest submission? (Yes/ No) No	ID's to its vegetation management projects.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	onfidential? (Yes/No) Yes
2 UtilityID		Utility ID	text(10)		Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
3 VmpLogID		VMP Log ID	text(50)	EK	Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty CalPeco does not currently assign unique	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco	
3 vinjugio		VWF LOGID	ιεκί(30)			NO.	ID's to its vegetation management projects. Vegetation management projects are categorized	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	will provide requested information in GIS format by 8/2021, upon completion	Yes
4 ProjectLocatio	onOrAddress	Project Location Or Address	text(100)		Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table. Address or location description for tree location. Enter "N/A" if there is no address where the subject	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
5 ParcelAPN		Parcel APN	text(17)		tree is located.	No	Liberty CalPeco has this data in the existing VMS	Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
					Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. Use the format: ###-#################################		but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes

	6 TreelD	Tree ID	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 TreeHealth	Tree Health	text(3)	Domain		No	data at this level, and does not currently have this data in the GIS.	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to		Yes
					Is the subject tree healthy? Possible values: Yes			provide the requested data requirements to the extent available by August 2021.		
	8 TreeHazard	Tree Hazard	text(3)	Domain	No Is the subject tree a hazard tree? Possible values:	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
					Yes No				of enterprise GIS system upgrade	
	9 TreeSpecies	Tree Species	text(100)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	10 SpeciesGrowthRate	Species Growth Rate	text(30)	Domain	Common name for tree species in scope for the vegetation management project.	No	Liberty CalPeco has this data in the existing VMS		To the extent possible, Liberty CalPeco	
					Generalized growth rate of the subject tree species. Possible values: Slow growing Moderately growing		but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	11 TreeHeight	Tree Height (feet)	int		Fast growing	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	12 TreeDiameter	Tree Diameter (inches)	int		Tree height (feet). Round the value.	No	Liberty CalPeco has this data in the existing VMS	Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
							but it does not conform to the newly released WSD GIS schema.		will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	13 HFTDClass	HFTD Class	text(10)	Domain	Tree diameter at breast height (inches). Round the value. The CPUC High Fire Threat District (HFTD) area that the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	14 City	City	text(50)		Non-HFTD	No	Liberty CalPeco has this data in the existing VMS	Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
	.,	,	,				but it does not conform to the newly released WSD GIS schema.		will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	15 County	County	text(50)		City in where the vegetation management project is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	16 District	District	text(100)		County in where the vegetation management project is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
	17 Latitude	Latitude	float		Operating district where the vegetation management project occurred.	No	Liberty CalPeco has this data in the existing VMS		of enterprise GIS system upgrade To the extent possible, Liberty CalPeco	
							but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	18 Longitude	Longitude	float		Latitude of event point in decimal degrees	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
					Longitude of event point in decimal degrees.				of enterprise GIS system upgrade	
Line Column	Vegetation Management Project Line Field Name 1 VmpID	Alias WMP ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	ID's to its vegetation management projects.	Data procurement actions Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an	To the extent possible, Liberty CalPeco will provide requested information in	lential? (Yes/No)
					Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Line table.		Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	2 UtilityID	Utility ID	text(10)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Standardized identification name of the utility ("UtilityG&E," etc.).					

	3 VmpLogID	WMP Log ID	text(50)	FK		No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.		Yes
	4 ProjectLocationOrAddress	Project Location Or Address	text(100)		Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	5 HFTDClass	HFTD Class	text(10)	Domain	Address or location description for tree location. The CPUC High Fire Threat District (HFTD) area that the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	6 HFTDClassComment	HFTDClassComment	text(50)		Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 City	City	text(50)		If the project line intersects multiple HFTD areas, list all of them here.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
	8 County	County	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)		County in where the vegetation management project is located.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Operating district where the vegetation management project occurred.					
Polygon Column	Vegetation Management Project Polygon Field Name 1 VmpID	Alias VMP ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Liberty CalPeco does not currently assign unique ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	Data procurement actions Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	To the extent possible, Liberty CalPeco will provide requested information in r GIS format by 8/2021, upon completion	confidential? (Yes/No) Yes
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Polygon table.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
	3 VmpLogID	VMP Log ID	text(50)	FK	Standardized identification name of the utility ("UtilityG&E," etc.).	No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
	3 VmpLogID 4 ProjectLocationOrAddress	VMP Log ID Project Location Or Address	text(50) text(100)	FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table.	No No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
				FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table. Address or location description for tree location. The CPUC high-fire threat district (HFTD) area the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1	No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format. Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	
	4 ProjectLocationOrAddress	Project Location Or Address	text(100)		Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table. Address or location description for tree location. The CPUC high-fire threat district (HFTD) area the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format. Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in r GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion in GIS format by 8/2021, upon completion	Yes
	4 ProjectLocationOrAddress 5 HFTDClass	Project Location Or Address HFTD Class	text(100) text(10)		Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table. Address or location description for tree location. The CPUC high-fire threat district (HFTD) area the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD If the project line intersects multiple HFTD areas, list all of them here.	No No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format. Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion will provide requested information in GIS format by 8/2021, upon completion of gis format by 8/2021, upon completion	Yes Yes
	4 ProjectLocationOrAddress 5 HFTDClass 6 HFTDClassComment	Project Location Or Address HFTD Class HFTDClassComment	text(100) text(10) text(50)		Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table. Address or location description for tree location. The CPUC high-fire threat district (HFTD) area the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD If the project line intersects multiple HFTD areas, list all of them here. City in where the vegetation management project is located.	No No	ID's to its vegetation management projects. Vegetation management projects are categorized by project type in our database. Previous projects are not available in this format. Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in r GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes Yes

Yes

Operating district where the vegetation management project occurred.

Table	Asset Inspection Log								
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations Data procurement actions	•	nfidential? (Yes/No)
:	1 AiLogID	AI Log ID	text(50)	PK		No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Unique ID or job ID of an asset inspection activity. Primary key for the Asset inspection table.				
:	2 VmpLogID	VMP Log ID	text(50)	FK	Unique ID or job ID of a vegetation management project resulting from an asset inspection. A Foreign key to the Vegetation Management Project table. Enter the corresponding VmpID if the subject asset inspection resulted in the creation of a vegetation management project. If the asset inspection did not result in the greating of a related were table management project, then gother "MVA" for this field.	No :	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
:	3 InspectionStartDate	Inspection Start Date	date		result in the creation of a related vegetation management project, then enter "N/A" for this field.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
					The date when an asset inspection began. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.		it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	4 InspectionEndDate	Inspection End Date	date		include time.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
					The date when an asset inspection was completed. If the asset inspection was started and completed on the same day, "InspectionStartDate" and "InspectionEndDate" will have the same value. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.		it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	5 PerformedBy	Performed By	text(30)	Domain		No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
					Who performed the asset inspection? Possible values: Utility staff Contractor Other – See comment		it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	6 PerformedByComment	Performed By Comment	text(30)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be	To the extent possible, Liberty CalPeco	
							it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 InpsectorName	Inpsector Name	text(50)		Inspector description not listed in the options above.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
					Inspector name for the asset management inspection.			of enterprise GIS system upgrade	
;	8 InspectionType	Inspection Type	text(30)	Domain	The type of asset inspection performed. Possible values: Patrol Detailed Pole loading	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	0.1	Land the Toron Comment	11(20)		Other – See comment.	No.	Ultra Cilbura ha iki aku isika a kila Cilb a Daya isina adala Cilbara ka		
	9 InspectionTypeComment	Inspection Type Comment	text(30)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
					Inspection type description not listed in the options above.			of enterprise GIS system upgrade	
1	0 InspectionQA	Inspection QA	text(3)	Domain	Has the inspection been checked for quality assurance? Possible values: Yes	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					No				
1	1 InspectionComments	Inspection Comments	text(100)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
			4-1		Additional comments related to the asset management inspection.				
1	2 ComplianceFinding	Compliance Finding	text(3)	Domain	Did the asset inspection result in the finding of any non-compliance issues? Possible values: Yes	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
1	3 InspectionMethod	Inspection Method	text(100)	Domain	No The method(s) by which the asset inspection was conducted. Possible values: Drive by	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in	
					Walk out Aerial – drone Aerial – helicopter Remote sensing – Infrared/Thermal Remote sensing – LiDAR		schema.	GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
1	4 InspectionMethodComment	Inspection Method Comment	text(50)		Other – See comment.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
					Inspection method not listed in the options above—or multiple inspection methods listed in the options above. If multiple, list all values separated by commas.			of enterprise GIS system upgrade	
1	5 InspectionTechnology	Inspection Technology	text(30)	Domain	The technology that an inspector uses for the asset inspection project. Possible values: Collector for ArcGIS Survey123 for ArcGIS Workforce for ArcGIS ArcGIS QuickCapture	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Other – See comment				

	16 InspectionTechnologyComment	Inspection Technology Comment	text(30)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Inspection technology not listed in the options above.				
Point Column	Asset Inspection Point Field Name 1 AiID	Alias Al ID		Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	Estimated delivery timeframe C To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Confidential? (Yes/No) Yes
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of an asset inspection activity. Primary key for the Asset Inspection Point table.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	3 AiLogID	Al Log ID	text(50)	FK	Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)		Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection table.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in	
					Address or location description for the inspection location.		schema.	GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	5 ParcelAPN	Parcel APN	text(17)		Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. If the asset inspected does not intersect a parcel boundary, enter "N/A" for this field. Use the format: ###-#################################	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	6 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 City	City	text(50)		Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	8 County	County	text(50)		City in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)		County in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	10 Latitude	Latitude	float		Operating district where the asset inspection project occurred.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	11 Longitude	Longitude	float		Latitude of event point in decimal degrees	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Longitude of event point in decimal degrees.			, ,,,,	
Line Column	Asset Inspection Line Field Name 1 AiID	Alias Al ID		Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Confidential? (Yes/No) Yes
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of an asset inspection activity. Primary key for the Asset inspection Line table.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	2 Ail oalD	ALLog ID	text(50)	EV	Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty Callaco has this data in the existing GIS but. Data exists need WSD GIS schema to be	To the extent possible Liberty Callego	

No

Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be

Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be

Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be

it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.

it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.

it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.

schema.

To the extent possible, Liberty CalPeco

will provide requested information in GIS format by 8/2021, upon completion

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of enterprise GIS system upgrade

of enterprise GIS system upgrade

of enterprise GIS system upgrade

3 AiLogID

5 HFTDClass

4 InspectionLocationOrAddress

Al Log ID

HFTD Class

Inspection Location Or Address

text(50) FK

text(100)

text(10)

Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.

The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values:

Address or location description for the inspection location.

Tier 2 Zone 1

Non-HFTD

	6 HFTDClassComment	HFTDClassComment	text(50)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 City	City	text(50)		If the project line intersects multiple HFTD areas, list all of them here.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	8 County	County	text(50)		City in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)		County in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Operating district where the asset inspection project occurred.				
Polygon Column	Asset Inspection Polygon Field Name 1 AiID	Alias Al ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	Estimated delivery timeframe Co To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Confidential? (Yes/No) Yes
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of an asset inspection activity. Primary key for the Asset Inspection Polygon table.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	3 AiLogID	Al Log ID	text(50)	FK	Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	4 ParcelAPN	Parcel APN	text(17)		Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection table. Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. If the asset inspected does not intersect a parcel boundary, enter "N/A" for this field. Use the format: ###-####-####. For example, 006-0144-029-0000.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	5 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	6 HFTDClassComment	HFTD Class Comment	text(50)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	7 City	City	text(50)		If the project line intersects multiple HFTD areas, list all of them here. City in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	8 County	County	text(50)		County in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	9 District	District	text(100)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
					Operating district where the asset inspection project occurred.				
Table Column	Grid Hardening Log Field Name 1 GhLogID	Alias GH Log ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Confidential? (Yes/No) Yes
	2 AiLogID	Al Log ID	text(50)	FK	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Log table.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	3 GhStatus	GH Status	text(30)	Domain	Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection Log table. The status of the grid hardening activity. Possible values: Planned In progress Complete Cancelled	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	4 GhChangeOrder	GH Change Order	text(3)	Domain	Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes

	5 GhChangeOrderDate	GH Change Order Date	date			No
	6 GhChangeOrderType	GH Change Order Type	text(100)	Domain	The date of when the change order was submitted. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time. The type of change order requested. Possible values: Increase in scale Decrease in scale Change in prioritization	No
	7 GhChangeOrderTypeComment	Gh Change Order Type Comment	text(100)		Change in deployment timing Change in work being done Other change – See comment	No
	8 DateStart	Date Start	date		Change order type not listed above.	No
	9 DateEnd	Date End	date		The start date of the grid hardening project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	t No
	10 LineDeenergized	Line Deenergized	text(3)	Domain	The completion date of the grid hardening project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
	11 PersoninChargeName	Person In Charge Name	text(50)		Lines need to be de-energized to perform the work. Possible values: Yes No	No
	12 PerformedBy	Performed By	text(30)	Domain	Person in charge for the grid hardening project. Who performed the grid hardening activity? Possible values: Utility staff	No
	13 PerformedByComment	Performed By Comment	text(30)		Contractor Other – See comment.	No
	14 InitiativeActivity	Initiative Activity	text(100)		Entity that performed grid hardening and is not listed in options above. Initiative activities related to the grid hardening project which include: Capacitor maintenance and replacement Circuit breaker maintenance and installation Conductor replacement Covered conductor installation Covered conductor maintenance Crossarm maintenance, repair, and replacement Expulsion fuse replacement Grid topology improvements to mitigate or reduce PSPS events Installation of system automation equipment Installation of system automation equipment Maintenance, repair, and replacement of connectors, including hotline clamps Other corrective action Pole replacement Pole replacement Transformer maintenance and replacement Transformer maintenance and replacement Transmission tower maintenance and replacement Undergrounding of electric lines and/or equipment	No
	15 InitiativeActivityComment	Initiative Activity Comment	text(50)		Other – See comment.	No
	16 DescriptionOfGridHardening	Description Of Grid Hardening	text(100)		Initiative activity not listed in the options above.	No
		_			Additional description for the grid hardening work.	
n	Grid Hardening Point Field Name 1 GhID	Alias GH ID	Data Type text(50)	Charateristic PK	Description	No
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point table.	No
					Standardized identification name of the utility ("UtilityG&E," etc.).	

Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be To the extent possible, Liberty CalPeco it does not conform to the newly released WSD GIS $\,$ implemented at Liberty CalPeco GIS. will provide requested information in GIS format by 8/2021, upon completion schema. of enterprise GIS system upgrade Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be To the extent possible, Liberty CalPeco it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. will provide requested information in schema. GIS format by 8/2021, upon completion of enterprise GIS system upgrade **Availability Explanations** Estimated delivery timeframe Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be To the extent possible, Liberty CalPeco it does not conform to the newly released WSD GIS $\,$ implemented at Liberty CalPeco GIS. will provide requested information in GIS format by 8/2021, upon completion schema. of enterprise GIS system upgrade Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be To the extent possible, Liberty CalPeco it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. will provide requested information in schema. GIS format by 8/2021, upon completion of enterprise GIS system upgrade Standardized identification name of the utility ("UtilityG&E," etc.).

Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
			Yes

Confidential? (Yes/No)

Yes

Yes

	3 GhLogID	GH Log ID	text(50)	FK		No
	4 GridHardeningLocationOrAddress	Grid Hardening Location Or Address	text(100)		Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Log table.	No
	5 ParcelAPN	Parcel APN	text(17)		Address or location description for the grid hardening location. Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-	No
	6 ParcelAPN	HFTD Class	text(10)	Domain	keeping. If the asset inspected does not intersect a parcel boundary, enter "N/A" for this field. Use the format: ###-####.####. For example, 006-0144-029-0000. The CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3 Tier 2	No
	7 City	City	text(50)		Zone 1 Non-HFTD	No
	8 County	County	text(50)		City in where the grid hardening project is located.	No
	9 District	District	text(100)		County in where the grid hardening project is located.	No
	10 Latitude	Latitude	float		Operating district where the grid hardening project.	No
	11 Longitude	Longitude	float		Latitude of event point in decimal degrees	No
					Longitude of event point in decimal degrees.	
Point Column	Grid Hardening Line Field Name 1 GhID	Alias GH ID	Data Type text(50)	Charateristic PK	Description	No
	Field Name					No No
	Field Name 1 GhID	GH ID	text(50)		Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key	
	Field Name 1 GhID 2 UtilityID	GH ID Utility ID	text(50)	PK	Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table.	No
	Field Name 1 GhID 2 UtilityID 3 GhLogID	GH ID Utility ID GH Log ID	text(50) text(10) text(50)	PK	Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table. Standardized identification name of the utility ("UtilityG&E," etc.).	No No
	Field Name 1 GhID 2 UtilityID 3 GhLogID 4 GridHardeningLocationOrAddress	GH ID Utility ID GH Log ID Grid Hardening Location Or Address	text(50) text(10) text(50) text(100)	PK FK	Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table. Standardized identification name of the utility ("UtilityG&E," etc.). Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Log table. Address or location description for the grid hardening location. The CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3	No No
	Field Name 1 GhID 2 UtilityID 3 GhLogID 4 GridHardeningLocationOrAddress 5 HFTDClass	GH ID Utility ID GH Log ID Grid Hardening Location Or Address HFTD Class	text(50) text(10) text(50) text(100)	PK FK	Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table. Standardized identification name of the utility ("UtilityG&E," etc.). Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Log table. Address or location description for the grid hardening location. The CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3 Tier 3 Tier 2 Zone 1	No No
	Field Name 1 GhID 2 UtilityID 3 GhLogID 4 GridHardeningLocationOrAddress 5 HFTDClass	GH ID Utility ID GH Log ID Grid Hardening Location Or Address HFTD Class HFTDClassComment	text(50) text(10) text(100) text(100) text(100)	PK FK	Description Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table. Standardized identification name of the utility ("UtilityG&E," etc.). Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Log table. Address or location description for the grid hardening location. The CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No No No

Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
		, , ,	
Availability Explanations	Data procurement actions		Confidential? (Yes/No)
Availability Explanations Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be		Confidential? (Yes/No) Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion GIS format by 8/2021, upon completion	Yes Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes Yes Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes Yes Yes Yes

To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade

Yes

					Operating district where the grid hardening project.			of enterprise GIS system upgrade	
Table	Initiative Asset Log								
Column	Field Name 1 AssetLogID	Alias Asset Log ID	Data Type text(50)	Charateristic PK		Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema. Data procurement actions Data procurement actions	Estimated delivery timeframe Confidential? To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	(= 4 = 5
					Unique ID and primary key for the Initiative Asset Log table.				
	2 VmilD	VMI ID	text(50)	FK	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Point, Line, and Polygon tables. This value can be	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
	3 VmpID	VMP ID	text(50)	FK	repeated based on the amount of asset or circuit segments. Unique ID or job ID of an initiative. Foreign key to the Vegetation Management Project Point, Line and Polygon tables. This value can be repeated based on the amount of asset or circuit	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	25
	4 AiID	Al ID	text(50)	FK	Segments. Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection Point, Line and	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
					Polygon tables. This value can be repeated based on the amount of asset or circuit segments.				
	5 GhID	GH ID	text(50)	FK	Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Point and Line	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
					tables. This value can be repeated based on the amount of asset or circuit segments.				
	6 AssetID	Asset ID	text(50)	FK	Unique ID for a specific point asset. Must be traceable stable ID within a specific asset class. Foreign	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
					key to all the related Asset Point tables.				
	7 AssociatedAssetCount	Associated Asset Count	integer			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
	8 SubstationID	Substation ID	text(50)		The number of assets which are associated with the initiative activity.	No	Liberty Callaco has this data in the existing GIS but. Data exists need WSD GIS schema to be	To the extent possible Liberty Callego	
	8 Substationin	Substation ID	text(50)			NO	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	es
	9 SubstationName	Substation Name	text(50)		Unique ID of the substation supplying the circuit associated with vegetation management project.	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
	10 CircuitID	Circuit ID	text(50)	FK		No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	25
					Unique ID for a specific line asset. Must be traceable stable ID within a specific asset class. Foreign key to the Asset Line tables.			of enterprise GIS system upgrade	
	11 CircuitName	Circuit Name	text(255)			No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	<u>es</u>
	12 CircuitType	Circuit Type	text(30)		Name of the circuit associated with the vegetation management project. Circuit line type. Possible values: Transmission Line Primary Distribution Line Secondary Distribution Line	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	25
	13 AssociatedCircuitLength	Associated Circuit Length (mile)	float		Unknonwn	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
					The length of circuits which are associated with the initiative activity (mile). Two decimal places.			o. enterprise dis system apgrade	
	14 Underbuild	Underbuild	text(3)	Domain	Are transmission lines also present on the subject structure? Possible values: Yes	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	25
	15 LineDeenergized	Line Deenergized	text(3)	Domain	No Do the power lines need to be de-energized to perform the work? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS. schema.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Ye of enterprise GIS system upgrade	es
Table	Initiative Photo Log	•							
Column	Field Name 1 PhotoID	Alias Photo ID	Data Type text(100)	Charateristic PK		Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema to be implemented at Liberty CalPeco GIS. schema.	Estimated delivery timeframe Confidential? To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	

2 PhotoBeforeID	Photo Before ID	text(100)	PK	ID for photo showing the initiative or inspection location prior to the project happening or a corrective action taking place. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example,	No e
3 PhotoAfterID	Photo After ID	text(100)	PK	"UtilityG&E_AB_Initiative_20200703_1.png" Illustration of the initiative or inspection after the corrective action. Primary key for the Initiative Photo Log table. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB Initiative_20200703_1.png"	No
4 VmpID	VMP ID	text(50)	FK	OthityOde_Ab_initiative_20200705_1.png	No
5 VmilD	VMI ID	text(50)	FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Management Project Point, Line and Polygon tables. This value can be repeated based on the number of photos taken. Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation	i No
6 AiID	AI ID	text(50)	FK	Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the number of photos taken.	No
7 GhID	GH ID	text(50)	FK	Unique ID or job ID of an asset inspection activity. Foregin key to the Asset inspection table. This value can be repeated based on the number of photos taken.	No
8 FromDevice	From Device	text(50)	FK	Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Point and Line tables. This value can be repeated based on the number of photos taken.	No
9 ToDevice	To Device	text(50)	FK	The asset ID for a support structure upstream of an initiative location. This field is to be filled out to help locate initiatives that are along conductor lines or within a polygon based on conductor lines.	No

The asset ID for a support structure downstream of an initiative location. This field is to be filled out to

help locate initiatives that are along conductor lines or within a polygon based on conductor lines.

Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Υe
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Υe
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Υe
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	•	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Υe
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Ye



WSD Data Schemas Draft V2 (2020-09-09) - Other Required Data

Shed!					·		
oint	Other Power Line Connection Location						
olumn	Field Name 1 OplcID	Alias PPIC ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations Liberty CalPeco has connections to demarcated by a primary meter at Liberty CalPeco does not currently and the information that does exist the proposed WSD schema to pop.
	2 UtilityID	Utility ID	text(10)		Unique ID and primary key for the private Power Line Connection Location table.	No	time. Liberty CalPeco has connections to demarcated by a primary meter at Liberty CalPeco does not currently and the information that does exist the proposed WSD schema to pop.
	3 OtherLineOwner	Other Line Owner	text(100)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	time. Liberty CalPeco has connections to demarcated by a primary meter at Liberty CalPeco does not currently and the information that does exist
	4 ConnectionAsset	Connection Asset	text(100)		Name of individual or other entity that owns the private line to which an electrical corporation line is connecting.	No	the proposed WSD schema to popultime. Liberty CalPeco has this data in the conform to the newly released WSD
	5 ConnectionPointAssetID	Connection Point Asset ID	text(50)		Asset enabling the connection.	No	Liberty CalPeco has this data in the conform to the newly released WSI
					AssetID of the asset that enables the connection. Must be traceable stable ID within a specific asset class.		
	6 CorporationLineID	Corporation Line ID	text(50)			No	Liberty CalPeco has this data in the conform to the newly released WSI
					AssetID of the electrical corporation line that feeds energy into or receives energy from the private line. Must be traceable stable ID within a specific asset class.		
	7 OtherLineClass	Other Line Class	text(30)	Domain	Classification of line asset that meets corporation line at connection location. Possible values: Transmission Primary distribution Secondary Distribution	No	Liberty CalPeco has this data in the conform to the newly released WSI
	8 HFTDClass	HFTD Class	text(10)	Domain	Unknown The CPUC high-fire threat district (HFTD) area the connection location intersects. Possible values: Tier 3 Tier 2	No	Liberty CalPeco has this data in the conform to the newly released WS
	9 County	County	text(50)		Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the conform to the newly released WS
	10 OtherConductorType	Other Conductor Type	text(10)	Domain	County in which connection location is located. Type of conductor that connects to corporation line. Possible values: Bare Covered	No	Liberty CalPeco does not have this
	11 ConnectionType	Connection Type	tout/20\	Domain	Unknown	No	Liberty CalPeco has this data in the
	11 connectionType	connection type	text(30)	Domain	Type of energy transfer happening at location. Possible values: Other to corporation Corporation to Other	No	incompatible with the newly releas
	12 ConnectionOHUG	Connection OH or UG	text(50)	Domain	Is the connection overhead or underground? Possible values: All Overhead All underground Overhead to underground Underground to overhead	No	Liberty CalPeco has this data in the incompatible with the newly releas
	13 OtherNominalVoltagekV	Other Nominal Voltage (kV)	float		Unknown Nominal voltage (in kilovolts) of other conductor connected to corporation line. Do not use more than	No	Liberty CalPeco does not have this
	14 OtherOperatingVoltagekV	Other Operating Voltage (kV)	float		two decimal places. Enter "-99" if N/A.Use -99 if this is not known. Operating voltage (in kilovolts) of other conductor connected to corporation line. Do not use more	No	Liberty CalPeco does not have this
	15 OtherConductorMaterial	Other Conductor Material	text(100)	Domain	than two decimal places. Enter "-99" if N/A.Use -99 for unknown. Conductor material of other line that connects to corporation line. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Unknown	No	Liberty CalPeco does not have this
	16 ConductorMaterialComment	Conductor Material Comment	text(50)		other - See comment.	No	Liberty CalPeco does not have this
	17 OtherConductorSize	Other Conductor Size	text(30)		Conductor material not listed in the options above. Size of other conductor that connects to corporation line (e.g. No. 4 Cu or 1/0 ACSR). Write "Unknown"	" No	Liberty CalPeco does not have this
	18 OtherConductorOD	Other Conductor Overall Diameter (inc	l float		if this is not known. Overall diameter of the other conductor that connects to the corporation conductor in inches. Leave	No	Liberty CalPeco does not have this
	19 OtherConductorCodeName	Other Conductor Code Name	text(50)		blank if this is not known. Codename of the other conductor that connects to the corporation	No	Liberty CalPeco does not have this
	20 ConnectionLastInspectionDate	Connection Last Inspection Date	date		conductor. For example, "Lapwing," "Sparrow," etc. Write "Unknown" if this is not known.	No	Liberty CalPeco has this data in the incompatible with the newly release
	21 ConnectionLastMaintenanceDate	Connection Last Maintenance Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the incompatible with the newly releas
					Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time		

Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.

Availability Explanations Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	Data procurement actions In addition to the implementation of the new WSD GIS schema, Liberty CalPeco will need to perform field checks at all locations to gather the required information.	Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Confidential? (Yes/N Yes
Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	In addition to the implementation of the new WSD GIS schema, Liberty CallPeco will need to perform field checks at all locations to gather the required information.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	In addition to the implementation of the new WSD GIS schema, Liberty CalPeco will need to perform field checks at all locations to gather the required information.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.		Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.		Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.		Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.		Yes
Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.		Yes
Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	, , , , ,	Yes
Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
Liberty CalPeco does not have this data.		N/A	Yes
Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this	N/A	Yes
Liberty CalPeco does not have this data.	information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
Liberty CalPeco does not have this data.		N/A	Yes
Liberty CalPeco does not have this data.		N/A	Yes
Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	information. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.		Yes

by 8/2021, upon completion of enterprise GIS

system upgrade

	22 ConnectionEstablishmentDate	Connection Establishment Date	date			No
					Date the connection was established. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	
	23 ConnectionEstablishmentYear	Connection Establishment Year	integer			No
					Year of connection establishment. Use four digits. Can be pulled from the "InstallationDate" field with a	
	24 EstimatedConnectionAge	Estimated Connection Age	text(10)	Domain	field calculation. Enter "-99" if unknown. The age of the connection in years. Only fill this out if the "ConnectionEstablishmentYear" and "ConnectionEstablishmentDate" values are unknown. Possible values: 0-9	No
					10-19 20-29 30-39	
					40-49 50-59 60-69	
					70-79 80-89 90-99 >100	
	25 OtherUsefulLifespan	Other Useful Lifespan	integer		Unknown N/A (only enter this if there is a "ConnectionEstablishmentYear" value) The number of years the other line connected to the corporation line is expected to have a useful	No
					functioning existence upon initial installation. Use -99 for unknown.	
	26 OtherAmpacityRating	Other Ampacity Rating	float		Nominal ampacity rating of the other conductor in amperes.	No
	27 OtherLineGreased	Other Line Greased	text(10)	Domain	Is the other conductor connected to the corporation line greased to prevent water intrusion? Possible values: Yes	No
					No Unknown	
	28 OtherPowerLineComments	Other Power Line Comments	text(100)		Describe any additional key details that should be known about the connection location.	No No
oint	Critical Facility					No
Column	Field Name 1 FacilityID	Alias Facility ID	Data Type text(50)	Charateristic PK	Description	No No
					Unique ID for a specific critical facility. It should be a traceable stable ID within the utility's	
	2 UtilityID	Utility ID	text(10)		operations/processes. Primary key for the Critical Facility table.	No
	3 FacilityName	Facility Name	text(100)		$\label{thm:continuous} Standardized\ identification\ name\ of\ the\ utility\ (\text{``UtilityG\&E,''}\ etc.).$	No
					Name of the facility	
	4 FacilityCategory	Facility Category	text(30)	Domain		No
					Communications Emergency services Energy	
					Government facilities Healthcare and public health Public safety answering points	
					Transportation Water and wastewater systems	
	5 FacilityCategoryComment	Facility Category Comment	text(30)		Other – See comment.	No
	3 racincycategorycomment	racincy category comment	text(50)			
					Facility category not covered by the options above.	
	6 FacilityDescription	Facility Description	text(50)			No
	7.6% 100	C I. ID	(50)		Brief facility description (e.g., fire station, prison, nursing home, etc.).	
	7 CircuitID	Circuit ID	text(50)			No
	8 CircuitName	Circuit Name	text(255)		ID of circuit associated with critical facility.	No
			,			
	9 MeteriD	Meter ID	text(50)		Name of circuit associated with critical facility,	No
	10 BackupPower	Backup Power	text(10)	Domain	ID of meter associated with critical facility. Does the facility have a backup power source? Possible values: Yes	No
					No Unknown	

nknown. Do not	No	Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
lationDate" field with a	No	Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	Yes
nentYear" and	No	Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
l to have a useful	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this	N/A	Yes
	No	Liberty CalPeco does not have this data.	information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
er intrusion? Possible	No	Liberty CalPeco does not have this data.	information. Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
ocation.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
	No No No	Availability Explanations Liberty Calpeco does not currently have this data in the GIS today.	Data procurement actions Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Confidential? (Yes/No) Yes
	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Yes
	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Yes
ilities that fall under	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Yes
	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Yes
	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	provide requested information in GIS format	Yes
	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		Yes
	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		Yes
	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		Yes
	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, Liberty CalPeco will	Yes

Liberty CalPeco does not have this data in the existing GIS but the Liberty CalPeco will 4 data exists, then export data from Billing system to To the extent possible, Liberty CalPeco will 4 Yes

	11 ВаскирТуре	Backup Type	text(30)	Domain	Type of backup power source. Possible values: Storage battery Diesel generator Gas generator Combined/hybrid	No	Liberty Calpeco does not currently have this data in the GIS today.	agencies to get GIS data of critical facility locations and other required information.	To the extent possible, Liberty CalPeco will Yes provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
	12 BackupTypeComment	Backup Type Comment	text(30)		Other – See comment.	No	Liberty Calpeco does not currently have this data in the GIS today.	agencies to get GIS data of critical facility locations and other required information.	by 8/2021, upon completion of enterprise GIS	
	13 BackupCapacity	Backup Capacity	float		Backup type not listed in the options above.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	by 8/2021, upon completion of enterprise GIS	
	14 PopulationImpact	Population Impact	integer		Hours of energy storage of hours of backup generation from backup power source.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	by 8/2021, upon completion of enterprise GIS	
	15 HFTDClass	HFTD Class	text(10)	Domain	The approximate number of people that depend on this critical facility The CPUC high-fire threat district (HFTD) area the critical facility intersects. Possible values: Tier 3 Tier 2 Zone 1	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		
	16 PSPSDays	PSPS Days	integer		Non-HFTD	No	Liberty Calpeco does not currently have this data in the GIS today.		provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	
	17 PSPSDaysDateBasis	PSPS Days Date Basis	float		The number of days the critical facility was impacted by PSPS events in the last 365 days. The date used for calculating the "PSPSDays" field. This would be the date from which 365 days would be subtracted to determine the timespan that may contain critical facility-impacting BSPS events.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco has not had a PSPS event but will add these fields to the data layer for critical facilities so this information is collected during any PSPS event.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	
	18 ParcelAPN	Parcel APN	text(17)	PK	impacting PSPS events.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	
	19 Address	Address	text(100)		ID of parcel containing critical facility. Primary key for the Critical Facility table. The address of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		
	20 City	City	text(50)		The city of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, Liberty CalPeco will Yes	
	21 Zip	Zip	text(5)		the city of the circumstance.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities	To the extent possible, Liberty CalPeco will Yes	
					The 5-digit zin code of the critical facility					
	22 Latitude	Latitude	float		The 5-digit zip code of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	
	22 Latitude 23 Longitude	Latitude	float		Latitude coordinate of critical facility (in decimal degrees).	No No	critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS	
	23 Longitude					No No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format	
				Charateristic PK	Latitude coordinate of critical facility (in decimal degrees).	No No Data provided in latest submission? (Yes/ No) No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format	dential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name	Longitude	float Data Type		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees).	No Data provided in latest submission? (Yes/ No)	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	ential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwID	Longitude Alias RFW ID	Data Type text(50)		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description	No Data provided in latest submission? (Yes/ No) No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	lential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwID 2 UtilityID	Alias RFW ID	Data Type text(50)		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table.	No Data provided in latest submission? (Yes/ No) No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	lential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwlD 2 UtilityID 3 FireWeatherZoneID	Alias RFW ID Utility ID Fire Weather Zone ID	Data Type text(50) text(10)		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table. Standardized identification name of the utility ("UtilityG&E," etc.). ID number of fire weather zone Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes.	No Data provided in latest submission? (Yes/ No) No No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	lential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwID 2 UtilityID 3 FireWeatherZoneID	Longitude Alias RFW ID Utility ID Fire Weather Zone ID Fire Weather Zone Name	Data Type text(50) text(10) text(50)		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table. Standardized identification name of the utility ("UtilityG&E," etc.). ID number of fire weather zone Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Start date of the RFW in YYYY-MM-DD format. Do not include time.	No Data provided in latest submission? (Yes/ No) No No No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	lential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwlD 2 UtilityID 3 FireWeatherZoneID 4 FireWeatherZoneName 5 RedFlagWarningIssueDate	Alias RFW ID Utility ID Fire Weather Zone ID Fire Weather Zone Name Red Flag Warning Issue Date	Data Type text(50) text(10) text(50) text(30)		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table. Standardized identification name of the utility ("UtilityG&E," etc.). ID number of fire weather zone Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Start date of the RFW in YYYY-MM-DD format. Do not include time.	No Data provided in latest submission? (Yes/ No) No No No	critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data procurement actions Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data. Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.	system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade Estimated delivery timeframe Confid Yes Estimated delivery timeframe To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	lential? (Yes/No)
Polygon	23 Longitude Red Flag Warning Day Polygon Field Name 1 RfwID 2 UtilityID 3 FireWeatherZoneID 4 FireWeatherZoneName 5 RedFlagWarningIssueDate 6 RedFlagWarningIssueTime	Alias RFW ID Utility ID Fire Weather Zone ID Fire Weather Zone Name Red Flag Warning Issue Date Red Flag Warning Issue Time	Data Type text(50) text(10) text(30) date date		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table. Standardized identification name of the utility ("UtilityG&E," etc.). ID number of fire weather zone Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Start date of the RFW in YYYY-MM-DD format. Do not include time. Start time of the RFW. Must be in the "hh:mm:ss" format. Number of red flag warning days experienced in the fire weather zone in the last 365 days. The date used for calculating the "NumberRedFlagWarningDays" field. This would be the date from	No Data provided in latest submission? (Yes/ No) No No No No No	Critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. 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Polygon	Red Flag Warning Day Polygon Field Name 1 RfwID 2 UtilityID 3 FireWeatherZoneID 4 FireWeatherZoneName 5 RedFlagWarningIssueDate 6 RedFlagWarningIssueTime 7 NumberRedFlagWarningDays	Alias RFW ID Utility ID Fire Weather Zone ID Fire Weather Zone Name Red Flag Warning Issue Date Red Flag Warning Issue Time Number Red Flag Warning Days	Data Type text(50) text(10) text(50) date date int		Latitude coordinate of critical facility (in decimal degrees). Longitude coordinate of critical facility (in decimal degrees). Description Unique ID and primary key for the red flag warning table. Standardized identification name of the utility ("UtilityG&E," etc.). ID number of fire weather zone Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Start date of the RFW in YYYY-MM-DD format. Do not include time. Start time of the RFW. Must be in the "hh:mm:ss" format.	No Data provided in latest submission? (Yes/ No) No No No No No	Critical facilities is unknown. Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown. Availability Explanations Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS. Liberty CalPeco does not currently have this data in the GIS.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified. 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(Yes/No)

1 AdminID	Admin ID	tet(50) PK		No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
2 UtilityID	Utility ID	text(10)	Unique ID and primary key for the Administrative Area table	No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
3 AreaType		text(50)	Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
4 SubareaType	Area Type	text(50)	Type of administrative area (service territory, region, district, etc.) Utility subarea type. Possible values: Operational Construction	No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
	Subarea Type		Weather Organizational Other - See comment				
5 SubareaTypeComment	5 b T 6	text(50)		No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
6 Name	Subarea Type Comment	text(100)	Subarea type not listed in the options above.	No	Liberty CalPeco currently has a single service territory polygon.	None.	Liberty CalPeco provided this data in the first No quarterly report and the data is unchanged.
	Name		Name of administrative area.				