

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

Point Camera								
Column Field Name  1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	<b>Description</b> Unique ID for a specific camera. It should be a traceable stable ID within the utility's operations/processes. Primarkey for the Camera table.	Data provided in latest submission? (Yes/ No) NO y	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 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 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-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.
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.

16 AssetLongitude	Asset Longitude	float		Longitude 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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Point Connection Device									
<b>Column Field Name</b> 1 AssetID	<b>Alias</b> Asset ID	Data Type text(50)	Charateristic PK	<b>Description</b> 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		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.	Yes	We mapped ConnectionDeviceType to Subtype. Subtype is Domain field.			Yes
6 ConnectionDeviceTypeComment	Connection Device Type Comment	text(30)		Unknown Connection device type not listed in the options above.	Yes	We have Other: 'Overhead Primary Tap' and 'Overhead			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	Secondary Tap' 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 ConnectionDeviceSubtypeCommen	t 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.	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 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	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 FromStructureID	From Structure ID	text(50)	FK	ID of the structure upstream of the span of line containing 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 Structure 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.	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 ToStructureID	To Structure ID	text(50)	FK	ID of the structure upstream of the span of line containing 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 Structure table.		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.	
15 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.	

	16 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
	17 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
	18 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
	19 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
	20 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
	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	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
	22 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
	23 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.	Yes
	24 EstimatedAge	Estimated Age	text(10)		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
	25 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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
	26 ExemptionStatus	Exemption Status	text(10)		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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
	27 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			Yes
	28 AssetLongitude	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	according to your guidelines.  We don't have this field in feature class but it was populated according to your guidelines.			Yes
	oint Customer Meter umn 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)
Colu	umn Field Name 1 MeterID	Allas Meter ID	text(50)	PK		Yes	We don't have this field populated on all of our customer data	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.	

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:	Yes	'LIBERTY' according to your guidelines. We don't have this field in feature class but it was populated			Yes
4 CircuitID	Circuit ID	text(50)	FK	Customer meter  ID of circuit associated with asset. This will be a unique	Yes	according to your guidelines. We mapped CircuitId to FeederID.			Yes
* Circuitio	Circuit ib	text(50)	FK	standardized identification name of the circuit. Foreign key to all the related asset line tables.	ies	we mapped circuita to recuend.			les
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.	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(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.	Yes
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.	Yes
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.	Yes
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.	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 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.	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 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
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	Alias	Data Tura	Charataristis	Description	Data provided in latest submission? (Ver / Ne)	Availability Evaluations	Data procurament actions	Estimated delivery times	Confidential (Ver/No)
Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	<b>Description</b> Unique ID for a specific fuse. It should be a traceable stable ID within the utility's operations/processes. Primarkey for the Fuse table.	Data provided in latest submission? (Yes/ No) Yes y		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 AssetOHUG	Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground Unknown	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
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
6 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No
7 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
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
9 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No
10 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No
11 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No
12 HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2	Yes
13 County	County	text(50)		Zone 1 Non-HFTD County in which asset is located.	No
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
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
16 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
17 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No

We mapped AssociatedNominalVoltagekV to our Nominal To the extent possible, Liberty CalPeco Yes We will consult LU WSD team Voltage(domain field). Some fuses are missing the value. will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. We mapped AssociatedOperatingVoltagekV to Operating To the extent possible, Liberty CalPeco Yes We will consult LU WSD team Voltage(domain field). Some fuses are missing the value. will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. Currently, we don't have this field populated in our system. To the extent possible, Liberty CalPeco Yes We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. Currently, we don't have this field populated in our system. To the extent possible, Liberty CalPeco Yes We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. 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 Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. To the extent possible, Liberty CalPeco Yes Currently, we don't have this field populated in our system. We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. To the extent possible, Liberty CalPeco Yes Currently, we don't have this field populated in our system. We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. We mapped HFTDClass to HFTD. HFTD is not a domain field. Our Yes values are 0=nonHFTD; 2=Tier2; 3=Tier3 We will consult LU WSD team To the extent possible, Liberty CalPeco Yes Currently, we don't have this field populated in our system. will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. Currently, we don't have this field populated in our system. To the extent possible, Liberty CalPeco Yes We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. 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. To the extent possible, Liberty CalPeco Yes Currently, we don't have this field populated in our system. We will consult LU WSD team will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade. 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.

Yes

We mapped AssetOHUG to Subtype. Subtype is a domain field.

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 useful 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 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		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	Yes 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	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
26 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
Point Lightning Arrestor Column Field Name 1 AssetID	Alias Asset ID	Data Type text(50)	Charateristic PK	<b>Description</b> 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.		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.		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.

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	NO
14 County	County	text(50)		Zone 1 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
19 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

ructure 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	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.	res
ID	text(50)		ID of substation associated with asset. Foreign Key to the Substation table.	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.	res
Name	text(50)	FK	Name of substation associated with asset.	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.	res
	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	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.	'es
ne	text(255)		Name of circuit associated with asset.	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.	'es
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 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.	'es
nber	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	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.	'es
s	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3 Tier 2 Zone 1	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.	'es
	text(50)		Non-HFTD County in which asset is located.	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.	'es
ction 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 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.	'es
enance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	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.	'es
n 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 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.	'es
n 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.	'es
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	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.	res

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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
Point Substation									
Column Field Name 1 SubstationID	Alias Substation ID	text(50)	Charateristic PK	<b>Description</b> 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	·	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 Substation Name	text(30)		Type of point asset. Required value: Substation	Yes	We mapped AssetType to our Subtype			Yes
4 SubstationName 5 SubstationNominalVoltagekV	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	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
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.	e 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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes
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 Non-HFTD	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)		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.	
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 Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
14 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
15 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
Point Support Structure Column Field Name 1 SupportStructureID	Alias Support Structure ID	Data Type Charater text(50) PK	Unique ID for support structure. It should be a traceable stable ID within the utility's operations/processes. Primkey 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 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	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: Support structure	Yes	'LIBERTY' according to your guidelines. We don't have this field in feature class but it was populated		Yes
4 SubstationID	Substation ID	text(50) FK	ID of substation associated with asset. Foreign Key to th Substation table.	e No	according to your guidelines. 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.
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 Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
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 Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
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 Yes will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.
9 LastIntrusiveDate	Last Intrusive Date	date	Date of the last intrusive. Use YYYY-MM-DD format. Lea blank if unknown. Do not include time.	ve 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.
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 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 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.
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		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.
13 UsefulLifespan	Useful Lifespan	integer	The number of years an asset is expected to have a usef functioning existence upon initial installation. Use -99 for unknown.		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.

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.	. 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.	Yes
20 ConstructionGrade	Construction Grade	text(10)	Domain	Grade of construction, in accordance with GO 95, Rule 42. Possible Values: Grade A Grade B	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
Table Support Structure Crossarm Detail									
	<b>Alias</b> 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 of enterprise GIS system upgrade.	Confidential? (Yes/No) 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	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
3 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," 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.	Yes
4 AssetType	Asset Type	text(10)		Type of point asset. Required value: Crossarm	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
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.		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
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.		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
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	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

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
16 CrossarmLength	Crossarm Length (inches)	float		Length of crossarm in inches.	NO
17 CrossarmWidth	Crossarm Width (inches)	float		Width of crossarm in inches.	NO
18 CrossarmHeight	Crossarm Height (inches)	float		Height of crossarm in inches.	NO
19 CrossarmMaterial	Crossarm Material	text(30)	Domain	Material from which pole, tower, or crossarm is made. Possible values: Wood Metal	NO
20 CrossarmMaterialComment	Crossarm Material Comment	text(30)		Composite Other – See comment. Crossarm material not listed in the options above.	NO
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

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22 BraceType	Brace Type	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.	Yes
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.	Yes
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.	Yes
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	<b>Description</b> 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.	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: Switchgear	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	Yes	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	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
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.	Yes
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	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
8 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
9 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
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	We mapped Circuitld to FeederID.			Yes
11 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
12 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
13 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

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
21 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
22 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
23 CurrentRating	Current Rating (A)	float		Nominal current rating of the switchgear in amperes.	Yes
24 AssetClass	Asset Class	text(30)	Domain	Is the asset associated with transmission or distribution? Possible values: Distribution Transmission	No
25 SCADAEnabled	SCADA Enabled	text(3)	Domain	Can supervisory control and data acquisition (SCADA) be utilized with the asset? Possible values: Yes No N/A	No
26 SwitchgearType	Switchgear Type	text(30)		Type of switchgear (switch, cut-out fuse, circuit breaker, etc.)	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
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	Yes
Currently, we don't have this field populated in our system.	We will consult LU WSD team	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
We mapped CurrentRating to our MaxContAmp field. 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
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 Switchgear Type to our Switch type. Switch Type is a 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

DC=Disconnect; ISO=isolator; NONSPE=Non-Separable; SBR=Solid Blade Fuse Disconnect.SFR=Fused Riser; SPE=Separable; VFI=VFI.

27 SwitchgearSubtype	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.	Yes
28 SwitchgearInsulatingMedium	Switchgear Insulating Medium	text(30)		Medium (air, gas, oil, etc.) providing insulation for switchgear asset. Be specific.	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
29 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
30 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
Point Transformer									
Column Field Name	Alias	Data Type		Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
1 TransformerID	Transformer ID	text(50)	PK	Unique ID for a specific transformer. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to the "Transformer Detail" table.	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
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 SupportStructureID	Support Structure ID	text(50)	FK		Yes	We mapped SupportStructureID to StructureNumber. Padmount Transformers have this field blank since they don't sit on the poles.			Yes
4 AssetType	Asset Type	text(30)		Type of point asset. Required value: Transformer	Yes	We don't have this field in feature class but it was populated			Yes
5 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, 3=Step Transformer, 4=Power Transformer			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	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
				Zone 1 Non-HFTD					
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 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	<b>Description</b> Unique ID for a specific switchgear asset. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Transformer Detail table.	Data provided in latest submission? (Yes/ No) No		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
	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
	6 SubstationID	Substation ID	text(50)	FK	ID of substation associated with asset. Foreign Key to the Substation table.	No
	7 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No
	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
	9 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No
1	10 MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No
1	11 ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this	Yes
1	12 LastInspectionDate	Last Inspection Date	date		cannot be determined.  Date of the last inspection. Use YYYY-MM-DD format.  Leave blank if unknown. Do not include time.	No
1	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
1	14 InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No
1	15 InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes
2	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
1	17 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

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
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
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 Circuitld 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
We mapped ModelNumber to our StockNumber			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
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	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	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)		table. 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 field: Weather station	Yes	'LIBERTY' according to your guidelines. We don't have this field in feature class but it was populated			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	according to your guidelines. 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 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 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
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 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 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.	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	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

80-89 90-99 >100 Unknown

N/A (only enter this if there is an "InstallationYear" value)

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
14 WeatherStationURL	Weather Station URL	text(255)	Website address for weather station information (if publicly available).	No
15 AssetLatitude	Asset Latitude	float	Latitude coordinate of asset (in decimal degrees).	Yes
16 AssetLongitude	Asset Longitude	float	Longitude coordinate of asset (in decimal degrees).	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 do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes



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

200										
.ine	Transmission Line									
Column	Field Name	Alias	Data Type	Charateristic	·	Data provided in latest submission? (Yes/ No)		Data procurement actions	-	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			Yes
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	CircuitName. 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 guidelines.			Yes
	4 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	Yes	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		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 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.	Yes
	7 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.	
	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.	Yes
	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.	Yes
	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) Aluminum conductor steel reinforced (ACSR) Copper (Cu)	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)		Other – See comment.  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.	Yes
	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.	Yes
	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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	Yes

18 Terminal	12	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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
19 Terminal	13	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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
20 Terminal	14	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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
21 Terminal	15	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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
22 Terminal	l(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 will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
23 Lastinspe	ectionDate	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.	
24 LastMain	ntenanceDate	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.	
25 Installatio	ionDate	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.	
26 Installatio	onYear	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.	
27 Estimate	rdAge	Estimated Age	text(10) Doi		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	e 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.	
28 UsefulLife	fespan	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.	
29 Ampacity	yRating	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.	
30 Greased		Greased	text(10)	omain	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 Primary I	Distribution Line	ı								
Column Field Nar 1 CircuitID	me	<b>Alias</b> Circuit ID	Data Type Chatext(50) PK	(	<b>Description</b> 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	Data provided in latest submission? (Yes/ No) Yes .	Availability Explanations We mapped CircuitlD to our FeederID	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No) Yes
2 UtilityID		Utility ID	text(30)		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: 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 Covered	Yes
7 AssetOHUG	Asset OH or UG	text(30)	Domain	Unknown Is the asset overhead or underground? Possible values: Overhead Underground Unknown	Yes
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
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
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
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

We don't have this field in feature class but it was populated according to your guidelines.			Yes
5	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 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 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. 30=120/240V; 160=7.2kV; 120=4kV; 210=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			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

	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.	Yes
	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)		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 >10-100 Unknown	e 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
	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.	Yes
	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.	Yes
	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.	Yes
ine	Secondary Distribution Line	I								
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		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
	2 UtilityID 3 LineClass	Utility ID  Line Class	text(10) text(30)		• •	Yes	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class but it was populated according to your			Yes
	·				Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class	We will consult LU WSD team		Yes
	3 LineClass	Line Class	text(30)		Standardized identification name of the utility ("UtilityG&E," etc.).  Classification of line asset. Required value: Secondary distribution  Name of circuit associated with asset. This name is expected to be based on the circuit name of the	Yes	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class but it was populated according to your guidelines.  Currently, we don't have this field	We will consult LU WSD team  We will consult LU WSD team	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes
	3 LineClass 4 CircuitName	Line Class  Circuit Name	text(30) text(255)	Domain	Standardized identification name of the utility ("UtilityG&E," etc.).  Classification of line asset. Required value: Secondary distribution  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.  County in which asset is located. If the line crosses multiple counties, list all counties separated by	Yes No	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class but it was populated according to your guidelines.  Currently, we don't have this field populated in our system.		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 Yes Yes
	3 LineClass 4 CircuitName 5 County	Line Class  Circuit Name  County	text(30) text(255) text(150)	Domain	Standardized identification name of the utility ("UtilityG&E," etc.).  Classification of line asset. Required value: Secondary distribution  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.  County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.  Type of conductor. Possible values: Open wire Triplex	Yes No	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class but it was populated according to your guidelines.  Currently, we don't have this field populated in our system.  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.  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 Yes
	3 LineClass 4 CircuitName 5 County 6 ConductorType	Line Class  Circuit Name  County  Conductor Type	text(30) text(255) text(150) text(30)	Domain	Standardized identification name of the utility ("UtilityG&E," etc.).  Classification of line asset. Required value: Secondary distribution  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.  County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.  Type of conductor. Possible values:  Open wire  Triplex  Other – See comment.	Yes No No	but it was populated as 'LIBERTY' according to your guidelines.  We don't have this field in feature class but it was populated according to your guidelines.  Currently, we don't have this field populated in our system.  Currently, we don't have this field populated in our system.  Currently, we don't have this field populated in our system.	We will consult LU WSD team  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.  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

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 (AAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR)	Yes
14 ConductorMaterialComment	Conductor Material Comment	text(50)		Copper (Cu) 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
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 Unknown N/A (only enter this if there is an "InstallationYear" value)	No
23 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
24 AmpacityRating	Ampacity Rating (A)	float		Nominal ampacity rating of the conductor, in amperes).	No

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
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

25 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 We will consult LU WSD team 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.



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

100										
Fable Column	PSPS Event Log Field Name 1 EventID	Alias Event ID		Charateristic PK	Description A unique standardized identification name of the unique event. Primary key enabling connection to PSPS event feature classes.	Provided in 10-Day Post-Event Report? (Yes/ No)	Can be reported within 30-Days Post-Event? (Yes/No)	Data provided in latest submission? (Yes/ No)	Availability Explanations Liberty CalPeco does not currently assign unique ID's to its 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.
	2 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	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.
	3 CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	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.
	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.
	5 SubstationID	Substation ID	text(50)		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	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.
	6 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	Yes	Yes	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	is 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.
	7 IsolationDevice	Isolation Device	text(30)	Domain	The device which isolated the circuit during the PSPS event. Possible values: Circuit Breaker Fuse Switch Other – See comment.	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.
	8 IsolationDeviceComment	Isolation Device Comment	text(50)		Isolation device not listed in the options above.	Yes	Yes	No	Liberty CalPeco does not 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.
	9 IsolationDeviceID	Isolation Device ID	text(50)	FK	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	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.
	10 EOCActivationDate	EOC Activation Date	date		Date IOU's emergency operation center (EOC) was activated in YYYY-MMI-DD format. Do not include time.	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.
	11 EOCActivationTime	EOC Activation Time	date		Time IOU's emergency operation center was activated. Must be in the "hh:mm:ss" format.	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.
	12 StartDate	Start Date	date		Start date of the PSPS event in YYYY-MM-DD format. Do not include time.	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.
	13 StartTime	Start Time	date		Start time of the PSPS event (i.e. when the first de-energization occurred). Must be in the "hh:mm:ss" format.	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.
	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.	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.
						Yes	Yes	No		No

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.			
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
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.	Yes	Yes	No
				Yes	Yes	No

the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released IO 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	
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released iD 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID 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	
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released iD 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released IO 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released iD 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released iD 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID GI5 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID GI5 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID GI5 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID 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
the event of a PSPS, Liberty CalPeco tracks this ormation but id does not conform to the newly released ID 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
erty CalPeco does not have an accurate "other tomer" dataset.	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
erty CalPeco continues to work with local agencies and keholders to update Critical Infrastructure data. All ilable data of Critical Infrastructure will be provided but	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	No
ta may be incomplete.	and a second of the second of		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.					updated GIS platform that is currently expected for f completion in late 2021. The updated GIS will use e the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	rovide requested information in GIS ormat by 8/2021, upon completion of	
	30 CriticalInfrastructureImpact	Critical Infrastructure Impact	integer		Yes "CriticalInfrastructure" multiplied by "CriticalInfrastructureDuration". This field features the total PSPS impact on critical infrastructure.	5 Yo	25	No	available data of Critical Infrastructure will be provided but data may be incomplete.  Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All	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	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	31 County	County	text(150)		Yes County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	5 Yu	25	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	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	32 WindRisk	Wind Risk	text(3)	Domain	Yes Was high wind a driving risk factor in the PSPS decision? Possible values: Yes No	s Ye	25			extent available by August 2021.  Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an pudated 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.	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	33 RelativeHumidityRisk	Relative Humidity Risk	text(3)	Domain	Yes Was low relative humidity a driving risk factor in the PSPS decision? Possible values: Yes No	s Vi	is S			Liberty CalPeco's parent company, Algonquin, is T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	34 TemperatureRisk	Temperature Risk	text(3)	Domain	Yes Was high temperature a driving risk factor in the PSPS decision? Possible values: Yes No	s Yo	es		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 T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	35 VegetationRisk	Vegetation Risk	text(3)	Domain	Yes Was a higher probability of vegetation interference a driving risk factor in the PSPS decision? Possible values: Yes No	s Yo	is		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 T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	36 AssetRisk	Asset Risk	text(3)	Domain	Yes Was a higher probability of asset failure a driving risk factor in the PSPS decision? Possible values: Yes No	5 Yo	is			Liberty CalPeco's parent company, Algonquin, is T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	37 DeadFuelRisk	Dead Fuel Risk	text(3)	Domain	Yes Was a high presence of dead fuel a driving risk factor in the PSP5 decision? Possible values: Yes No	s Ye	es .		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 T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	38 LiveFuelRisk	Live Fuel Risk	text(3)	Domain	Yes Was a high presence of live fuel a driving risk factor in the PSPS decision? Possible values: Yes No	s Ye	is			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	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	39 RedFlagWarningRisk	Red Flag Warning Risk	text(3)	Domain	Yes Was the presence of a Red Flag Warning risk day a driving factor in the PSPS decision? Possible values: Yes No	s V	is			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.	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	40 OtherRisk	Other Risk	text(3)	Domain	Yes Was some other form of risk (not covered by the fields above) a driving risk factor in the PSPS decision? Possible values: Yes No	s Yu	ss		In the event of a PSPS, Liberty CalPeco has the ability to track this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
	41 OtherRiskReason	Other Risk Reason	text(100)		Yes 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."	s Ye	15		In the event of a PSPS, Liberty CalPeco has the ability to track this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is T	rovide requested information in GIS ormat by 8/2021, upon completion of	No
					Yes	s Ye	es	No		extent available by ragast 2021.	1	No
Line Column	PSPS Event Line Field Name 1 PspsEventLineID	Alias PSPS Event Line ID		Charateristic PK	<b>Description</b> An underscore delimited concatenation of "EventID"+"_"+"CircuitID." Primary key for the PSPS Event Line table.					Liberty CalPeco's parent company, Algonquin, is	o the extent possible, Liberty CalPeco will rovide requested information in GIS ormat by 8/2021, upon completion of	Confidential? (Yes/No)
					Yes	s Ye	es	No		extent available by August 2021.	1	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.				Liberty CalPeco does not currently assign unique ID's to its PSPS Events, but can create a method to uniquely identify events.		rovide requested information in GIS ormat by 8/2021, upon completion of	
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	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 foompletion 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.	rovide requested information in GIS ormat by 8/2021, upon completion of	lo
4 UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).		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.	rovide requested information in GIS ormat by 8/2021, upon completion of	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	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 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.	rovide requested information in GIS ormat by 8/2021, upon completion of	
	_				Yes	Yes	No			N	0
Polygon PSPS Event P Column Field Name 1 Psps Event Pol	Alias PSPS Event Polygon ID	Data Type text(50)	Charateristic PK	<b>Description</b> Primary key for PSPS Event Polygons.			Data provided in latest submission? (Yes/ No)	Availability Explanations Liberty CalPeco does not currently assign unique ID's to its PSPS Events, but can create a method to uniquely identify events.	Liberty CalPeco's parent company, Algonquin, is To	o the extent possible, Liberty CalPeco will rovide requested information in GIS ormat by 8/2021, upon completion of	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	Liberty CalPeco does not currently assign unique ID's to its PSPS Events, but can create a method to uniquely identify events.		rovide requested information in GIS ormat by 8/2021, upon completion of	0
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.						rovide requested information in GIS ormat by 8/2021, upon completion of	
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.		rovide requested information in GIS ormat by 8/2021, upon completion of	lo
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	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		rovide requested information in GIS ormat by 8/2021, upon completion of	lo
					Yes	Yes	No			N	lo
Point PSPS Event C Column Field Name 1 PspsEventMe	Alias PSPS Event Meter ID	Data Type text(50)	Charateristic PK	<b>Description</b> An underscore delimited concatenation of "EventID"+"_"+"AssetID." Primary key for the PSPS Event Customer Meter Point.			Data provided in latest submission? (Yes/ No)	Availability Explanations Liberty CalPeco does not currently assign unique ID's to its PSPS Events, but can create a method to uniquely identify events.	Liberty CalPeco's parent company, Algonquin, is To	o the extent possible, Liberty CalPeco will Norwide requested information in GIS terms to y 8/2021, upon completion of	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	Liberty CalPeco does not currently assign unique ID's to its PSPS Events, but can create a method to uniquely identify events.		rovide requested information in GIS ormat by 8/2021, upon completion of	o
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.	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 To	rovide requested information in GIS ormat by 8/2021, upon completion of	o
4 UtilityID	Utility ID	text(10)		$\label{thm:continuity} Standardized identification name of the utility ("UtilityG&E," etc.).$	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.		rovide requested information in GIS ormat by 8/2021, upon completion of	o
					Yes	Yes	No				

	5 HFTDClass	HFTD Class	text(10) Do	omain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD				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 2021.	
	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 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 W5D. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
Point	PSPS Event Damage Point										
Column	Field Name 1 DamageEventID	<b>Alias</b> Damage Event ID	Data Type Ch text(50) Pk		<b>Description</b> 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)	Availability Explanations  Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage	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	nfidential? (Yes/No)
	2 EventID	Event ID	text(50) FK	K	A unique standardized identification name of the unique event. Foreign key enabling connection to "PSPS Event Log" table.	No	Yes	No	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 enterprise GIS system upgrade	
	3 UtilityID	Utility ID	text(10)		$Standardized\ identification\ name\ of\ the\ utility\ ("UtilityG&E,"\ etc.).$	No	Yes	No		the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  Yes  Liberty CalPeco's parent company, Algonquin, is  To the extent possible, Liberty CalPeco will	
										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	
	4 FuelBedDescription	Fuel Bed Description	text(150) Do	omain	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, 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.).	No	Yes	No	days to migrate to data schema format	Ves 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.	
	5 FuelBedDescriptionComment	Fuel Bed Description Comment	text(150)		Other – See comment.  Fuel bed description not listed in the options above.	No	Yes	No	data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	
							Yes	No.	data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10	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 equested data requirements to the extent available by August 2021.	
	6 HFTDClass	HFTD Class	text(10) Do	omain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects.  Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	NU		NU	data guidance standards when collecting 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 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	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	Ves 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  Yes To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade the temporary of the completion of the comp	
	8 Latitude	Latitude	float		Latitude of point in decimal degrees.	No	Yes	No		provide the requested data requirements to the	
									data guidance standards when collecting PSPS damage	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 equested data requirements to the	
	9 Longitude	Longitude	float		Longitude of point in decimal degrees.	No	Yes	No	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	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	
						No	Yes	No		provide the requested data requirements to the	
Table Column	PSPS Event Conductor Damage Detail Field Name 1 PspsCdID	Alias PSPS Conductor Damage ID	Data Type Ch text(50) Pk	harateristic K	Description Primary key for the PSPS Event Conductor Damage Detail table.			Data provided in latest submission? (Yes/ No)	Availability Explanations  Liberty CalPeco currently follows CAL FIRE PSPS damage	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	nfidential? (Yes/No)
	2 DamageEventID	Damage Event ID	text(50) FK	K	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	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	
						No	Yes	No		provide the requested data requirements to the	

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.			
4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes	No
5 AssettD	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)		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)	FK	The downstream support structure asset ID. Foreign key to the related asset point tables. AKA AssetID.	No	Yes	No
11 FeederiD	FeederlD	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.		Yes	No
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)	No	Yes	No
13 ConductorMaterialComment	Conductor Material Comment	text(50)		Copper (Cu) Other – See comment.	No	Yes	No
14 ConductorType	Conductor Type	text(10)		Conductor material not listed in the options above. Type of conductor. Possible values: Bare Covered Unknown	No	Yes	No
15 ConductorLength	Conductor Length (feet)	float		Conductor length in feet based on GIS data.	No	Yes	No
16 FailedEquipmentDescription	Failed Equipment Description	text(100)		Equipment that contributed to the conductor damage. Write "Unknown" or "N/A" as appropriate.	No	Yes	No
					No	Yes	No

perty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys 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.  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 of enterprise GIS system upgrade  To the extent possible, Liberty CalPeco will	Yes
perty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys to migrate to data schema format	undergoing an enterprise-wide roll out of an	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
perty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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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ys to migrate to data schema format  berty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys to migrate to data schema format	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	Yes

17 ExternalForceDescription	External Force Description	text(100)	Force responsible for causing the conductor damage.			
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	No	Yes	No
22 CauseComment	Cause Comment	text(30)	Utility work/Operation Vandalism/Theft Unknown Other – See comment. Cause category not listed in options above.	No	Yes	No
23 EnergizedOnGround	Energized On Ground	text(10) Domain	Did the damaged conductor make contact with the ground while energized? Possible values: Yes No Unknown	No	Yes	No
24 ManufacturerModellD	Manufacturer Model ID	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" if no manufacturer info can be determined based on information available in the field. "Unknown" values should be	No	Yes	No
25 InstallationDate	Installation Date	date	reviewed by other IOU staff after data collection and filled in from existing databases or other sources if possible.	No	Yes	No
26 InstallationYear	Installation Year	integer	Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Yes	No
27 EstimatedAge	Estimated Age	text(10) Domain	Year of asset installation. Use four digits. Enter "-99" if unknown. 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	No	Yes	No
28 UsefulLifespan	Useful Lifespan	integer	>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
29 LikelyArcing	Likely Arcing	text(10) Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No
				No	Yes	No

erty CalPeco currently follows CAL FIRE PSPS damage a guidance standards when collecting PSPS damage a. This data can be provided but may take more than 10	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 2054.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
rs to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage a guidance standards when collecting PSPS damage a. This data can be provided but may take more than 10	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	Yes
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage a. This data can be provided but may take more than 10	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
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rs to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage a guidance standards when collecting PSPS damage a. This data can be provided but may take more than 10	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
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ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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
rs 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 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	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ss to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys to migrate to data schema 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.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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	
ys to migrate to data schema format	CACCIA STORIOGIC BY AUGUST 2021.		Yes

Liberty CalPeco's parent company, Algonquin, is

To the extent possible, Liberty CalPeco will

	30 DamageType	Damage Type	text(30) Dom	Asset damage Asset failure Equipment damage Equipment failure					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 same ESRI platform as WSD. CalPeco plans to	
	31 DamageDescription	Damage Description	text(30) Dom	Broken conductor	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	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an provide requested information in GIS	Yes
				Damaged conductor Kite in line Pine needles on line Tree bark on line Tree branch on line Tree leaning into line				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 the requested data requirements to the extent available by August 2021.	
	32 DamageDescriptionComment	Damage Description Comment	text(30)	Tree leaning toward line Wire-to-wire contact Other — See comment. Damage category not listed in the options above and/or additional relevant details	No i	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	Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
				about damage					undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for format by 8/2021, upon completion of completion in late 2021. The updated GIS will use the same ESRI platform as WSD. Cal	
					No	Yes	No	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
Table Column	PSPS Event Support Structure Damage Detail Field Name 1 PspsSsdID		text(50) PK	nteristic Description Primary key for the PSPS Event Support Structure Damage Detail table.			Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions Estimated delivery timeframe	Confidential? (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 PSP event GIS data. Foreign key enabling connection to "PSPS Event Damage Points" feature class.					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 WDD. CalPeco plans to	
	3 DateofDamage	Date of Damage	date	Date or estimated date damage occurred in YYYY-MM-DD format. Leave blank if	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	provide the requested data requirements to the extent available by August 2021.  Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
				unknown. Do not include time.					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	
					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		Yes
	4 EstimatedTimeofDamage	Time of Damage	date	Estimated time damage occurred. Must be in the "hh:mm:ss" format.					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an provide requested information in 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	
	E Accetto	Asset ID	text(50) FK	Unique ID for a specific point asset. It should be a traceable stable ID within the	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	provide the requested data requirements to the extent available by August 2021.  Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
	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.					undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for format by 8/2021, upon completion of 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	
	6 Asset	Asset	text(30) Dom	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		Yes	No	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 enterprise GIS system upgrade	Yes
				Tower Crossarm Secondary arms					the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	
	7 AssetComment	Asset Comment	text(30)	Other – See comment. Asset not listed in the options above.	NO	ves	No	uays to migrate to data scrienia iormat	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 enterprise GIS system upgrade	Yes
					No	Yes	No		the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	Yes
	8 FeederID	Circuit ID	text(50) FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tab	oles.				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 lplatform as VSD. CalPeco plans to	
	9 NominalVoltagekV	Nominal Voltage (kV)	float		No	Yes	No		provide the requested data requirements to the	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 the same ESRI platform as WSD. Calleco plans to provide the requested data requirements to the	
	10 OperatingVoltagekV	Operating Voltage (kV)	float	Nominal voltage (in kilovolts) of conductor. Do not use more than two decimal place Enter "-99" if N/A.	res. No	Yes	No	data. This data can be provided but may take more than 10 days to migrate to data schema format		Yes
				Operating voltage (in kilovolts) of conductor. Do not use more than two decimal					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	
	11 SupportStructureMaterial	Support Structure Material	text(30) Dom	places. Enter "-99" if N/A. in Material of which support structure is made. Possible values: Wood Metal	No	Yes	No	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 format by 8/2021, upon completion of	Yes
				Composite Wrapped wood Concrete Other – See comment.				data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10	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.	
					NO	Yes	No	days to migrate to data schema format		Yes

	12 MaterialComment	Material Comment	text(30)		Support structure material not listed in the options above.					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an provide requested information in GIS	
									Liberty CalPeco currently follows CAL FIRE PSPS damage	updated GIS platform that is currently expected for format by 8/2021, upon completion of completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	
						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	provide the requested data requirements to the extent available by August 2021.	Yes
	13 ManufacturerModelID	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" if no manufacturer info can be determined based on information available					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 enterprise GIS system upgrade	
					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.				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	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
	14 InstallationDate	Installation Date	date			No	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an provide requested information in GIS	Yes
									Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting 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 the requested data requirements to the	
	15 InstallationYear	Installation Year	integer		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Yes	No	data. 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 To the extent possible, Liberty CalPeco will	Yes
									Liberty CalPeco currently follows CAL FIRE PSPS damage	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	
	16 EstimatedAge	Estimated Age	text(10)	Domain	Year of asset installation. Use four digits. Enter "-99" if unknown. The age of the asset in years. Only fill this out if the "InstallationYear" and	No	Yes	No	days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
					"InstalionDate" values are unknown. Possible values: 0-9 10-19 20-29 30-39					undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for format by 8/2021, upon completion of 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	
					40-49 50-59 60-69 70-79					extent available by August 2021.	
					80-89 90-99				Liberty CalPeco currently follows CAL FIRE PSPS damage		
					>100 Unknown N/A (only enter this if there is an "InstallationYear" value)	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		Yes
	17 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.					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 enterprise GIS system upgrade	
						No	Ve	No	data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	Ver
	18 LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes	No	Yes	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an provide requested information in GIS	res
					No Unknown				Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting 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 the requested data requirements to the	
	19 DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values:	No	Yes	No	data. 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 To the extent possible, Liberty CalPeco will	Yes
	13 Samage, spe	Surrege Type	textosy	Jonan	Asset damage Asset failure Equipment damage Equipment failure				Liberty CalPeco currently follows CAL FIRE PSPS damage	undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for format by 8/2021, upon completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	
					Veg contact Object contact	No	Vac	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	provide the requested data requirements to the extent available by August 2021.	Var
	20 DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken pole Damaged pole Broken tower		163			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 enterprise GIS system upgrade	
					Damaged tower Broken crossarm Damaged crossarm				Liberty CalPeco currently follows CAL FIRE PSPS damage	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	
	21 DamageDescriptionComment	Damage Description Comment	text(30)		Other – See comment.  Damage category not listed in the options above and/or additional relevant details	No	Yes	No	days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is To the extent possible, Liberty CalPeco will	Yes
					about damage				Liberty CalPeco currently follows CAL FIRE PSPS damage	undergoing an enterprise-wide roll out of an provide requested information in GIS updated GIS platform that is currently expected for format by 8/2021, upon completion of completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	
						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	provide the requested data requirements to the extent available by August 2021.	Yes
						No	res			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 enterprise GIS system upgrade	ies
						No	Yes	No		the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	Yes
Table Column		Alias		Charateristic				Data provided in latest submission? (Yes/ No)		Data procurement actions Estimated delivery timeframe	Confidential? (Yes/No)
	1 PspsOadID	PSPS Other Asset Damage ID	text(50)	PK	Primary key for the PSPS Event Other Asset Damage Detail table.				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 the requested data requirements to the	
						No	Yes	No	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 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.				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 require the same ESRI platform as WSD. CalPeco plans to	
						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		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.			
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) Fi	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.	No	Yes	No
6 Asset	Asset	text(30) D	<b>Domain</b>	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:  Down guy  Neutral  Service neutral  Span guy  Tie wire	No	Yes	No
7 AssetComment	Asset Comment	text(30)		Wood pin Anchor Other – See comment. Asset not listed in the options above.	No	Yes	No
8 FeederID	Circuit ID	text(50) Fi	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables	No .	Yes	No
9 NominalVoltagekV	Nominal Voltage (kV)	float			No	Yes	No
10 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
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. 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" alous should be reviewed by other IOU staff after data		Yes	No
12 InstallationDate	Installation Date	date		collection and filled in from existing databases or other sources if possible.	No	Yes	No
13 InstallationYear	Installation Year	integer		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Yes	No
14 EstimatedAge	Estimated Age	text(10) D	Domain	Year of asset installation. Use four digits. Enter ".99" if unknown. 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 5100	No	Yes	No
15 UsefulLifespan	Useful Lifespan	integer		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

erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys 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
erty CalPeco currently follows CAL FIRE PSPS damage to guidance standards when collecting PSPS damage to. This data can be provided but may take more than 10 ys 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
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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	163
ys 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
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10			
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting 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 WDS. 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	Yes
ta. This data can be provided but may take more than 10 ys to migrate to data schema format	extent available by August 2021.  Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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	
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	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.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting 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 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	Yes
ta. This data can be provided but may take more than 10 ys to migrate to data schema format	extent available by August 2021.  Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10	undergoing an enterprise-wide roll out of an 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.	To the extert possible, busin's caree will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
ys to migrate to data schema format  erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting 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 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	Yes
ta. This data can be provided but may take more than 10 ys to migrate to data schema format	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.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco will	Yes
erty CalPeco currently follows CAL FIRE PSPS damage ta guidance standards when collecting PSPS damage ta. This data can be provided but may take more than 10 ys to migrate to data schema 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 requised data requirements to the extent available by August 2021.	provide requested information in GIS	Yes

16 ExemptionStatus	Exemption Status	text(10)	Oomain	Is the asset exempt per California Public Resources Code (PRC) 42922 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  No  Unknown				Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage	Liberty CalPeco's parent company, Algonquin, is Inudergoing an enterprise-wide roll out of an updated GiS platform that is currently expected for 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.	rovide requested information in GIS ormat by 8/2021, upon completion of	
				N/A		W		data. This data can be provided but may take more than 10	0		West
17 LikelyArcing	Likely Arcing	text(10) E	Oomain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No	days to migrate to data schema format  Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting 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 frompletion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	rovide requested information in GIS ormat by 8/2021, upon completion of	Yes
								data. This data can be provided but may take more than 10			
18 DamageType	Damage Type	text(30)	Oomain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure	No	Yes	No	days to migrate to data schema format  Liberty CalPeco currently follows CAL FIRE PSPS damage		rovide requested information in GIS ormat by 8/2021, upon completion of	Yes
				Veg contact Object contact				data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10	provide the requested data requirements to the		
					No	Yes	No	days to migrate to data schema format			Yes
19 DamageDescription	Damage Description	text(30) [	Oomain	Description of damage. Possible values: Broken down guy Broken hand tie Broken neutral Broken service neutral Broken guy wire Broken terwice neutral Broken terwice neutral Broken terwice neutral Broken tie wire Broken tie wire Broken insulator					Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for focompletion in late 2021. The updated GIS will use the same ESh platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.	provide requested information in GIS ormat by 8/2021, upon completion of	
				Damaged crossarm Guy and anchor damage Tree branch on transformer				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	2		
20 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	No	days to migrate to data schema format			Yes
Table PSPS Damage Photo Log											
Column Field Name	Alias	Data Type C					Data provided in latest submission? (Yes/ No)	Availability Explanations		stimated delivery timeframe	Confidential? (Yes/No)
1 PhotoID	Photo ID	text(100) P	К	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_DistrictID_InspectorInitial_PspsDamage_YYYYMMDD_PhotoNumber. Foexample, "UtilityG&E_AB_PspsDamage_20200703_1.png".	or .			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	updated GIS platform that is currently expected for for completion in late 2021. The updated GIS will use et the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	provide requested information in GIS ormat by 8/2021, upon completion of	
2 FuelBedPhotoID	Fuel Bed Photo ID	text(100) P	ĸ	Number or other label for a photo of the fuel bed below the damaged asset that	Yes	Yes	No	days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is T	o the extent nossible. Liberty CalPeco will	Yes
2 rueiseuriuurib	ruei bed Filoto ib	text(100)		nation to didn't alor to a princto in the tied bed upon the damage 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.					undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for from the completion in late 2021. The updated GIS will use the same ESRI platform as WSD. CalPeco plans to	rovide requested information in GIS ormat by 8/2021, upon completion of	
								data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10			
3 DamageEventlD	Damage Event ID	text(100) F	К	Foreign key to the damage point tables.	Yes	Yes	No	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 frompletion in late 2021. The updated GIS will use	provide requested information in GIS ormat by 8/2021, upon completion of	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	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the		
					Yes	Yes	No	days to migrate to data schema format			Yes

	WSD Data Schemas Draft \	/2 (2020-09-09	) - Risk Event						
Wire Down Event Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	
1 WireDownID	Wire Down ID	text(50)	PK	Unique ID for the wire down event. Primary key for the Wire Down Point table.			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.	
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.	
l 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.	
Suspected Wire Down Cause	Suspected Wire Down Cause	text(30)	Domain	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.	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade.	
6 SuspectedWireDownCauseCo	mm 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)	Domain	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	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.	

Vehicle contact - aircraft

Unknown N/A

3rd party contact (e.g. 3rd party tree trimmer)

Confidential? (Yes/No)

8 EquimentFailure	Equiment Failure	text(30)	Domain	Description of failed or damaged equipment or component involved if  "SuspectedWireDownCause" value is "Equipment failure." Enter N/A for this field if the value of  "SuspectedWireDownCause" is not "Equipment failure." 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		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 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.
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.	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.
11 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" i N/A.		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.
12 SpanLength	Span Length (feet)	float		The length of a single-phase conductor, in feet, as measured between the "FromDevice" and "ToDevice."	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.
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	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.

14 MaxSplices	Maximum Splices	integer	The maximum number of splices in an individual phase No conductor involved in the wire down event.	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 No the wire down event? Possible values: Yes 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.
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.	Outage data and GIS asset 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.
17 ConductorMaterialComment	Conductor Material Comment	text(50)	Conductor material description not listed in the options No above.	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.
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.	
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)	Domain	Was there an outage associated with the event? Possible values: Yes No	No
23 ToutageID	Transmission Outage ID	text(50)	FK	A unique ID for the transmission outage event. Foreign key to the Transmission Outages table.	No
24 DoutageID	Distribution Outage ID	text(50)	FK	A unique ID for the distribution outage event. Foreign key to the Distribution Outages table.	No
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

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.

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

Outage data is tracked at the total Transmission & Distribution level with no 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 GIS format by 8/2021, upon completion separate ID distinguishing from 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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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.

To the extent possible, Liberty CalPeco 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.

To the extent possible, Liberty CalPeco 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.

To the extent possible, Liberty CalPeco 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.

To the extent possible, Liberty CalPeco 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.

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

	30 County	County	text(50)	County in where the wire down event is located.	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.	
	31 District	District	text(100)	Operating district where the wire down occurred.	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.	
	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 Column	Ignition Field Name	Alias	Data Type Charateristic	Description	Data provided in latest	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.	submission? (Yes/ No) No	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	Liberty CalPeco will track this level of detail for future use in the event of an ignition		
	4 FireStartDate 5 FireStartYear	Fire Start Date  Fire Start Year	date			=	•	of enterprise GIS system upgrade.  To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	

Other – Comment.

7 FireDetectionMethodCommen	t Fire Detection Method Comment	text(30)		Fire detection method description not listed in the options above.	No	Ignition events are not currently tracked at this level.		
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 – See comment.	No	Ignition events are not currently tracked at this level.	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.
9 SuspectedInitiatingCauseComn	ne Suspected Initiating Cause Comment	text(30)		Suspected initiating event of the ignition cause description not listed in the options above.	No	Ignition events are not currently tracked at this level.		
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	No	Ignition events are not currently tracked at this level.	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	N/A  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 t	Ignition events are not currently tracked at this level.	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.	No	Ignition events are not currently tracked at this level.	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.		Ignition events are not currently tracked at this level.	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 No circuit. Foreign key to Substation table.	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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. No Possible values: Overhead Pad-mounted Subsurface	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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	The entity relied upon to make the determination of "SuspectedInitiatingEvent" above. Possible values: Utility personnel Fire Agency Other – See comment	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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 No options above.	Ignition events are not currently tracked at this level.	
20 FacilityContacted	Facility Contacted	text(50) Domain	The first facility that was contacted by an outside No object. Only to be used if "Object contact" is selected as "SuspectedInitiatingEvent". Possible values:  Electric Facility Pole Communication Facility	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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 No above.	Ignition events are not currently tracked at this level.	
23 RFWStatus	Red Flag Warning Status	text(3) Domain	Was there a red flag warning (RFW) issued by the No National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values:  Yes No	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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 No 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-MMI-DD format.	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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 No 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.	Ignition events are not currently tracked at this level.  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 No National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values:  Yes No	Ignition events are not Liberty CalPeco will track this level of detail for currently tracked at this level. 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
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
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
30 HWWIssueDate	High Wind Warning IssueDate	date		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
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
32 OriginLandUse	Origin Land Use	text(10)	Domain	Status of land at origin of ignition. Possible values: Rural Urban	No
33 MaterialAtOrigin	Material At Origin	text(30)	Domain	Fuel material for the ignition origin. Possible values: Vegetation Structure Other – See comment	No
34 MaterialAtOriginComment	Material At Origin Comment	text(30)		Material at origin description not listed in the options above.	No
35 FuelBedDescription	Fuel Bed Description	text(100)	Domain	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
36 FuelBedDescriptionComment	Fuel Bed Description Comment	text(100)		Fuel bed description not listed in the options above.	No

Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.	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.
Ignition events are not currently tracked at this level.		
Ignition events are not currently tracked at this level.	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.

Ignition events are not currently tracked at this level.

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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	Ignition events are not currently tracked at this level.	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	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	No	All GIS information is at the	See distribution outage info	See distribution outage info
					outage. Not more than two decimal places.		total company level and all transmission and distribution outages are shown in the distribution outage area		
10 Custo	omers Out Momentary	Customers Out Momentary	integer		Total number of unique customers that experienced an outage lasting 5 minutes or less.	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 Custo	omersOutSustained	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 Custo	omerCount	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 Outa	geInterval	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 Assoc	ciatedNominalVoltagekV	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 Assoc	ciatedOperatingVoltagekV	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 Othe	rCompanies	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 Outa	geClass	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 Subst	tationID	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 Reclo	oserSetting	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	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 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	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
23 BasicCauseComment	Basic Cause Comment	text(30)		Basic cause 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
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	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
25 BasicCauseObjectComment	Basic Cause Object Comment	text(30)		Basic cause object 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
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

27 DamagedDeviceComment	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 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		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 OutageDescription	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 SupplementalCause	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 SupplementalCauseDescription	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 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	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 LocationOrAddress	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 County	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 District	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	-	Data provided in latest	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (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.	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 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" i 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
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 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
17 LocationOrAddress	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
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 Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe Confidential? (Yes/No)
	1 DoutageID	Distribution Outage ID	text(50) PK	The unique ID for outage event. Primary key for the Distribution Outages table.	No			
	2 UtilityID	Utility ID	text(10)	Standardized identification name of the utility ("UtilityG&E," etc.).	No			
	3 EventYear 4 OutageStartDate	Event Year Outage Start Date	integer date	The year outage started. Use four digits. The date outage started. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No 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:ss" format.	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.
	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.	e 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 an outage lasting 5 minutes or less.	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 an outage lasting longer than 5 minutes.	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 Sustained	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 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.

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 f
16 OtherCompanies 17 OutageClass	Other Companies Outage Class	text(150) text(30)		Affected companies from the event. The class of circuit involved in the outage. Possible Values: Distribution	No No
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.	No
19 RecloserSetting	Recloser Setting	text(30)	Domain	Foreign key to Substation table.  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
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
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

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 N	No			
28 ExpulsionFuseOperation	Expulsion Fuse Operation	text(3)	above.  Did an expulsion fuse operate during the outage? Enter N N/A if the subject circuit is not equipped with expulsion type fuses. Possible values Yes No 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.
29 OutageDescription	Outage Description	text(100)	Description or additional information for the outage. N	No			
30 MED	Major Event Day	text(3)	If all outages on a certain date exceed a statistical limit N 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	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.
31 SupplementalCause	Supplemental Cause	text(50)	The supplemental cause of the outage. N	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.
32 SupplementalCauseDescriptio	n Supplemental Cause Description	text(100)	Please describe the supplemental cause of the outage. N	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.
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. N	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.
35 City 36 County	City County	text(50) text(50)		No No			
37 District	District	text(100)		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.

	38 Latitude	Latitude	float		Latitude of event point in decimal degrees.	No				
	39 Longitude	Longitude	float		Longitude of event point in decimal degrees.	No				
	G	3								
Point	Distribution VM Outage									
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
					•	submission? (Yes/ No)		•	•	
	1 DvmOutageID	VM Outage ID	text(50)	PK	The unique ID for outage caused by vegetation. Primary	the state of the s				
	· ·				key for the Distribution VM Outages table.					
					,					
	2 UtilityID	Utility ID	text(10)		Standardized identification name of the utility	No				
	,	,	, ,		("UtilityG&E," etc.).					
	3 DoutageID	Outage ID	text(50)	FK	Foreign key to the Distribution Outages table.	No				
	4 EventYear	Event Year	int		The year outage started. Use four digits.	No				
	5 DateOut	Date Out	date		The date outage started. Use YYYY-MM-DD format.	No				
					Leave blank if unknown.					
	6 TimeOut	Time Out	time		The time outage started. Must be in the "hh:mm:ss"	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
					format.			future reporting	will provide requested information in	
									GIS format by 8/2021, upon completion	
									of enterprise GIS system upgrade.	
									от оттом регот от о	
	7 InspectionDate	Inspection Date	date		Date of inspection. Use YYYY-MM-DD format. Leave	No				
	, mopestion acc	inspection bate	aacc		blank if unknown. Do not include time.					
	8 SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit	No				
	o cascanop		cent(50)		impacted by the outage. Must be traceable stable ID					
					within a specific asset class. Foreign key to Substation					
					table.					
	9 AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	3 / 1550clated (Olimia) Oltage (V	/issociated Normal Voltage (NV)	Hout		not use more than two decimal places. Enter "-99" if	110	Bata not tracked at this level	future reporting	will provide requested information in	
					N/A.			ratare reporting	GIS format by 8/2021, upon completion	
					147.6				of enterprise GIS system upgrade.	
									or enterprise dis system apgrade.	
	10 AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	10 / 1550clated operating voltage its	7.550clated operating voltage (KV)	Hout		Do not use more than two decimal places. Enter "-99" if		Bata not tracked at this level	future reporting	will provide requested information in	
					N/A.			ratare reporting	GIS format by 8/2021, upon completion	
					147.6				of enterprise GIS system upgrade.	
									or enterprise dis system appraide.	
	11 TreeSpecies	Tree Species	text(100)		Species of the subject tree involved in causing the	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	11 Hecopedies	Tree species	τεκτ(100)		outage.	110	Bata not tracked at this level	future reporting	will provide requested information in	
					outuge.			ratare reporting	GIS format by 8/2021, upon completion	
									of enterprise GIS system upgrade.	
									or enterprise dis system apprade.	
	12 TreeHeight	Tree Height (feet)	int		Tree height estimation height of the subject tree	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	12 Heericight	rice rieight (reet)			involved in causing the outage, in feet.	110	Bata not tracked at this level	future reporting	will provide requested information in	
					mitorica in caasing the catago, in recti			ratare reporting	GIS format by 8/2021, upon completion	
									of enterprise GIS system upgrade.	
									or enterprise dis system apprade.	
	13 TreeDBH	Tree Diameter at Breast Height (Inches)	int		Tree diameter at breast height of the subject tree	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	10 11000011	rice blameter at breast rielBite (mones)			involved in causing the outage, in inches.		Data not trained at timb level	future reporting	will provide requested information in	
					mitories in cassing the catago, in mones.			interest operating	GIS format by 8/2021, upon completion	
									of enterprise GIS system upgrade.	
									or enterprise dis system apprade.	
	14 TreeTrunkDistance	Tree Trunk Distance (feet)	int		Horizontal distance of the subject tree's trunk from the	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	2	rice rrain Distance (rect)			impacted power lines, in feet.		Data not trained at timb level	future reporting	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	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for	To the extent possible, Liberty CalPeco	
	15 Time attages essemption	Tim Gatage Description	tent(200)		outage event.			future reporting	will provide requested information in	
					outage events			ratare reporting	GIS format by 8/2021, upon completion	
									of enterprise GIS system upgrade.	
									o. onterprise dis system apprade.	
	16 HFTDClass	HFTD Class	text(10)	Domain	The CPUC High Fire Threat District area that the VM	No				
	20 15 61033	2 Glass	cont(10)	Domain	outage event intersects. Possible values:					
					Tier 3					
					Tier 2					
					7ono 1					

No

38 Latitude

Latitude

float

Latitude of event point in decimal degrees.

Zone 1 Non-HFTD

	17 LocationOrAddress	Location or Address	text(100)		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	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									
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 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	The AssetID of the device that failed or experienced damage which initiated the outage. 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.	
	13 AssetID	Asset ID	text(50)	FK		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.		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	Description	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				

No

"UtilityG&E\_AB\_Ignition\_20200703\_1.png". If more No

than one photo is taken, enter additional photo IDs

with the duplicate risk event ID.

Foreign key to the Wire Down Event table.

2 IgnitionID

3 WireDownID

Ignition ID

Wire Down ID

text(50) FK

FK

text(50)



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

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Table	Vegetation Management Inspection Log									
	Field Name VmiLogID	Alias VMI Log ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations 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 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		
					Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation			extent available by August 2021.		
2	VmpLogID	VMP Log ID	text(50)	FK	Management Inspection Log table.  Unique ID or job ID of a vegetation management project resulting from a vegetation management	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.	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.		
					inspection. A Foreign key to the Vegetation Management Project table.					
3	InspectionDate	Inspection Date	date			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	
					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.				of enterprise GIS system upgrade	
4	InpsectorName	Inpsector Name	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	
					Inspector performing the vegetation management inspection.					
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.	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.		
ć	January Marian Torra Community	la constitue Torre Community	t+(20)		Other – See comment	No.	Uharka Cal Dana dana da karakarakarakarak		To the content or with a Liberty Cally	
6	InspectionTypeComment	Inspection Type Comment	text(30)			No	Liberty CalPeco does not track vegetation inspection 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.		
7	InspectionStatus	Inspection Status	text(30)	Domain	Inspection type description not listed in the options above.	No	Liberty CalPeco does not track vegetation	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco	
					The status of the initiative activity related to the vegetation inspection project which include, Planned In-progress Complete		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.	of enterprise GIS system upgrade	Yes
8	InspectionQA	Inspection QA	text(3)	Domain	Has the inspection been checked for quality assurance? Possible values: Yes	No	Liberty CalPeco does not track vegetation inspection 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.		
9	TreeTrimmingCount	Tree Trimming Count	integer		No	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	
								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.	No	Liberty CalPeco does not track vegetation	Liberty CalPeco does not plan to track vegetation		
11	la caractica Commont	Increasion Comment	tout(100)		The acreage of trees identified for trimming from the vegetation management inspection. Two decimal places	No	inspection data at this level, and does not currently have this data in the GIS.		N/A	Yes
11	InspectionComment	Inspection Comment	text(100)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			
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:	No	Liberty CalPeco does not track vegetation	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco	
					Drive by Walk out Aerial – drone Aerial – helicopter Remote sensing – Infrared/Thermal Remote sensing – LiDAR Other – See comment.		inspection data at this level, and does not currently have this data in the GIS.		will provide requested information in GIS format by 8/2021, upon completion	

13 InspectionMethodComment	Inspection Method Comment	text(50)			No	have this data in the GIS.	undergoing an enterprise-wide roll out of an w updated GIS platform that is currently expected for GI completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
14 InspectionTechnology	Inspection Technology	text(30)		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	No	have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an wupdated GIS platform that is currently expected for completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
15 InspectionTechnologyComment	Inspection Technology Comment	text(30)			No	have this data in the GIS.	undergoing an enterprise-wide roll out of an wupdated GIS platform that is currently expected for GI completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
				Inspection technology description not listed in the options above.			, ,		
		Data Type text(50)	Charateristic PK			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 undergoing an enterprise-wide roll out of an wupdated GIS platform that is currently expected for Gi completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to	o the extent possible, Liberty CalPeco ill provide requested information in IS 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 Management Inspection Point table.			extent available by August 2021.		
2 UtilityID	Utility ID	text(10)			No	it does not conform to the newly released WSD GIS schema.	undergoing an enterprise-wide roll out of an w updated GIS platform that is currently expected for GI completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
3 VmiLogID	VMI Log ID	text(50)	FK		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 undergoing an enterprise-wide roll out of an wupdated GIS platform that is currently expected for completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)		Management Inspection Log table.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an wupdated GIS platform that is currently expected for completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
5 ParcelAPN	Parcel APN	text(17)			No	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 wupdated 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	ill provide requested information in IS format by 8/2021, upon completion	Yes
				particular jurisdiction for purposes of identification and record-keeping. Use the format: ###-####-###	-				
6 TreeHealth	Tree Health	text(3)	Domain	Is the tree healthy? Possible values: Yes	No	Liberty CalPeco does not track vegetation 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 GI completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
7 TreeSpecies	Tree Species	text(100)			No		undergoing an enterprise-wide roll out of an w updated GIS platform that is currently expected for GI completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
8 TreeHeight	Tree Height (feet)	int		·	No	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 Gi completion in late 2021. The updated GIS will use of the same ESRI platform as WSD. CallPeco plans to provide the requested data requirements to the	ill provide requested information in IS format by 8/2021, upon completion	Yes
	14 InspectionTechnology  15 InspectionTechnologyComment  Vegetation Management Inspection Point Field Name  1 VmiID  2 UtilityID  4 InspectionLocationOrAddress  5 ParcelAPN  6 TreeHealth  7 TreeSpecies	14 InspectionTechnology Inspection Technology  15 InspectionTechnologyComment Inspection Point Field Name Alias 1 VmiID VMI ID  2 UtilityID Utility ID  3 VmiLogID VMI Log ID  4 InspectionLocationOrAddress Inspection Location Or Address  5 ParcelAPN Parcel APN  6 TreeHealth Tree Health  7 TreeSpecies Tree Species	14 InspectionTechnology Inspection Technology text(30)  15 InspectionTechnologyComment Inspection Point Field Name Alias Data Type 1 VMI ID  2 UtilityID Utility ID text(10)  3 VmiLogID VMI Log ID text(50)  4 InspectionLocationOrAddress Inspection Location Or Address text(100)  5 ParcelAPN Parcel APN text(17)  6 TreeHealth text(3)	14 InspectionTechnology Inspection Technology text[30] Domain  15 InspectionTechnologyComment Inspection Foint Field Management Inspection Foint Field Mana 1 Yould D Inspection Foint Field Management Inspection Field Management Inspection Field Management Field	Harpesteen Fundamental Processing Comments  In important Fundamental Reportant Fundament	It inqualificationing  It inqualificationing	Republication for the second of the second o	Part   Part	Harmonian Berkeley Be

	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.	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
	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 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.			Yes
	11 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.			Yes
	12 County	County	text(50)		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  Longitude 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
ne	Vegetation Management Inspection Line	ı			Exiginate of event point in decimal degrees.					
olumn	Field Name 1 VmilD	Alias VMI ID		Charateristic 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 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	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.).  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.	undergoing an enterprise-wide roll out of an		Yes
	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)		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.	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
					Address or location description for the inspection location.					

	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	No				Yes
	6 HFTDClassComment	HFTDClassComment	text(50)		Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.			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.	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
	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.	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
	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.					
Column	Vegetation Management Inspection Polygon Field Name 1 VmiID	<b>Alias</b> VMI ID		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	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 a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Polygon table.	No		extent available by August 2021.	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
	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.	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	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.	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
	5 HFTDClass	HFTD Class	text(10)	Domain	Address or location description for the inspection location.  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.	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
	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.	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
	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)	РК		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	No
5 VmpStatusComments	Vegetation Management Project Status Comment	s text(30)		In progress 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).	e

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.		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 I.
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	No
20 ProjectCategoryComment	Project Category Comment	text(50)		Tree removal 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		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
24 TreeRemovalAcreage	Tree Removal Acreage	float		Number of trees listed for removal in the vegetation management project.  Acreage of trees listed for removal 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'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 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.	N/A	Yes
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.	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.	N/A 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 does not plan to track vegetation inspection data at this level.	N/A	Yes

	25 TreeTrimCountActI	Tree Trim Count Actually	integer		No	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.	will provide requested information in GIS format by 8/2021, upon completion	Yes
	26 TreeTrimAcreageActl	Tree Trim Acreage Actually	float	Number of trees actually trimmed as part of the vegetation management project.  Acreage of trees actually trimmed as part of the in the vegetation management project. Two decimal	No	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	N/A	Yes
	27 TreeRemovalCountActl	Tree Removal Count Actually	integer	places	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 TreeRemovalAcreageActl	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.	inspection data at this level.	N/A	Yes
	29 VegetationTreatmentType	Vegetation Treatment Type	text(50) Doma	The type(s) of treatment scoped into the vegetation management project. Possible values:  Radial clearance – standard  Radial clearance - enhanced  Overhang clearing  Tree removal – hazard tree  Tree removal – tree mortality  Tree trimming  Pole brushing  Fire break creation  Brush clearance  Other or multiple treatment types – See comment.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.			Yes
	30 VegetationTreatmentTypeComment	Vegetation Treatment Type Comment	text(50)	Treatment type not listed in options above—or multiple treatment types listed in options above. If	No	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
	31 DescriptionOfWork	Description Of Work	text(100)	multiple, list all separated by commas.	No	Liberty CalPeco does not track vegetation project	Liberty CalPeco's parent company, Algonquin, is	To the extent possible, Liberty CalPeco	
		·				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	will provide requested information in GIS format by 8/2021, upon completion	
							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.	of enterprise GIS system upgrade	Yes
				Additional description of the vegetation management work.			the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the	of enterprise GIS system upgrade	Yes
Point Column	Vegetation Management Project Point Field Name 1 VmplD	Alias VMP ID	Data Type Chara text(50) PK	eristic Description	Data provided in latest submission? (Yes/ No) No	Availability Explanations 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.	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  Data procurement actions	Estimated delivery timeframe Confid To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes dential? (Yes/No) Yes
Point Column	Field Name		**			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 has this data in the existing VMS	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  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	dential? (Yes/No)
Point Column	Field Name 1 VmpID	VMP ID	text(50) PK	eristic Description  Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.	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.	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  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	dential? (Yes/No)
Point Column	Field Name 1 VmpID	VMP ID	text(50) PK	Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.  Standardized identification name of the utility ("UtilityG&E," etc.).	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.  Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  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	dential? (Yes/No) Yes
Point Column	Field Name  1 VmpID  2 UtilityID	VMP ID  Utility ID	text(50) PK	eristic Description  Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.	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.  Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSC GIS schema.  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	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  Data exists, need WSD GIS schema to be implemented at Liberty CalPeco 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.	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	dential? (Yes/No) Yes Yes
Point Column	Field Name  1 VmpID  2 UtilityID  3 VmpLogID	VMP ID  Utility ID  VMP Log ID	text(50) PK text(10) text(50) FK	Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.  Standardized identification name of the utility ("UtilityG&E," etc.).  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 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.  Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSC GIS schema.  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.	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  Data exists, need WSD GIS schema to be implemented at Liberty CalPeco 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.  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 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	dential? (Yes/No) Yes Yes
Point Column	Field Name  1 VmpID  2 UtilityID  3 VmpLogID	VMP ID  Utility ID  VMP Log ID	text(50) PK text(10) text(50) FK	Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.  Standardized identification name of the utility ("UtilityG&E," etc.).  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 tree is located.  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: ###-####-	No 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.  Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSC GIS schema.  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.	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  Data exists, need WSD GIS schema to be implemented at Liberty CalPeco 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.  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	dential? (Yes/No)  Yes  Yes
Point	Field Name  1 VmpID  2 UtilityID  3 VmpLogID  4 ProjectLocationOrAddress	VMP ID  Utility ID  VMP Log ID  Project Location Or Address	text(10)  text(50) FK  text(100)	Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Point table.  Standardized identification name of the utility ("UtilityG&E," etc.).  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 tree is located.  Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a	No 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.  Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.  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 has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	the same ESRI platform as WSD. CalPeco plans to provide the requested data requirements to the extent available by August 2021.  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.  Data exists, need WSD GIS schema to be implemented at Liberty CalPeco 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.  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	dential? (Yes/No)  Yes  Yes  Yes

	7 TreeHealth	Tree Health	text(3)		Is the subject tree healthy? Possible values: Yes	No	data in the GIS.			Yes
	8 TreeHazard	Tree Hazard	text(3)	Domain	No  Is the subject tree a hazard tree? Possible values:  Yes  No	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 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.	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
	10 SpeciesGrowthRate	Species Growth Rate	text(30)		Common name for tree species in scope for the vegetation management project.  Generalized growth rate of the subject tree species. Possible values:  Slow growing  Moderately growing	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
	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.	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
	12 TreeDiameter	Tree Diameter (inches)	int		Tree height (feet). Round the value.	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
	13 HFTDClass	HFTD Class	text(10)		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.	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
	14 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.	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
	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.	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
	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.	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
	17 Latitude	Latitude	float		Operating district where the vegetation management project occurred.	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 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.	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
					Longitude of event point in decimal degrees.					
e lumn	Vegetation Management Project Line Field Name 1 VmpID	Alias WMP ID		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.	·	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	ential? (Yes/No) Yes
	2 UtilityID	Utility ID	text(10)		Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Line 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 of enterprise GIS system upgrade	Yes
	3 VmpLogID	WMP 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.	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	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.  Address or location description for tree location.	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
					Address of focation description for thee location.					

	5 HFTDClass	HFTD Class	text(10)	Domain	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 of enterprise GIS system upgrade	Yes
	8 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.	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 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.	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
					Operating district where the vegetation management project occurred.				or enterprise dis system approac	
Polygon Column	Vegetation Management Project Polygon Field Name 1 VmpID	Alias VMP ID	Data Type text(50)	Charateristic PK		Data provided in latest submission? (Yes/ 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.		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 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.	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 VmpLogID	VMP 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.			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 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)			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 of enterprise GIS system upgrade	Yes
	8 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.	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 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.	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
					Operating district where the vegetation management project occurred.				, , ,	
Table Column	Asset Inspection Log Field Name 1 AiLogID	<b>Alias</b> Al 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.	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	Confidential? (Yes/No) Yes
	2 VmpLogID	VMP Log ID	text(50)	FK	Unique ID or job ID of an asset inspection activity. Primary key for the Asset inspection table.  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 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 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 InspectionStartDate	Inspection Start Date	date	The date when an asset inspection began. Use YYYY-MM-DD format. Leave blank if unknown. Do 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 Yes of enterprise GIS system upgrade
4 InspectionEndDate	Inspection End Date	date	include time.  The date when an asset inspection was completed. If the asset inspection was started and complet on the same day, "InspectionStartDate" and "InspectionEndDate" will have the same value. Use YYYY-MM-DD format. Leave blank if unknown. In not include time.		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 of enterprise GIS system upgrade
5 PerformedBy	Performed By	text(30) Domain	Who performed the asset inspection? Possible values: Utility staff Contractor	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 of enterprise GIS system upgrade
6 PerformedByComment	Performed By Comment	text(30)	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 of enterprise GIS system upgrade
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 of enterprise GIS system upgrade
8 InspectionType	Inspection Type	text(30) Domain	Inspector name for the asset management inspection. 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
9 InspectionTypeComment	Inspection Type Comment	text(30)	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 of enterprise GIS system upgrade
10 InspectionQA	Inspection QA	text(3) Domain	Inspection type description not listed in the options above.  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 Yes of enterprise GIS system upgrade
11 InspectionComments	Inspection Comments	text(100)	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 Yes of enterprise GIS system upgrade
12 ComplianceFinding	Compliance Finding	text(3) Domain	Additional comments related to the asset management inspection.  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 Yes of enterprise GIS system upgrade
13 InspectionMethod	Inspection Method	text(100) Domain	No The method(s) by which the asset inspection was conducted. Possible values: Drive by Walk out Aerial – drone Aerial – helicopter Remote sensing – Infrared/Thermal Remote sensing – LiDAR	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
14 InspectionMethodComment	Inspection Method Comment	text(50)	Other – See comment.  Inspection method not listed in the options above—or multiple inspection methods listed in the	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
15 InspectionTechnology	Inspection Technology	text(30) Domain	options above. If multiple, list all values separated by commas.  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
16 InspectionTechnologyComment	Inspection Technology Comment	text(30)	Other – See comment  Inspection technology 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 of enterprise GIS system upgrade
nt Asset Inspection Point			inspection teamonogy not instead in the options doorte.			
ımn Field Name 1 AilD	<b>Alias</b> Al ID	Data Type Charateris text(50) PK	tic 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 schema.  Data procurement actions Data exists, need WSD GIS schema to be it does not conform to the newly released WSD GIS implemented at Liberty CalPeco GIS.	Estimated delivery timeframe Confidential? (Yes/No) To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion Yes of enterprise GIS system upgrade
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 Yes of enterprise GIS system upgrade
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
			Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection table.			

	4 InspectionLocationOrAddress	Inspection Location Or Address	text(100)			No	Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented 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)		Address or location description for the inspection 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-keeping. If the asset inspected does not intersect a parcel boundary, enter "N/A" for this field. Use the	No	Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented 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	format: ###-####-####. For example, 006-0144-029-0000.  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, n it does not conform to the newly released WSD GIS implemented 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)			No	Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented 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, n it does not conform to the newly released WSD GIS implemented 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, n it does not conform to the newly released WSD GIS implemented 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, n it does not conform to the newly released WSD GIS implemented 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, n it does not conform to the newly released WSD GIS implemented 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.					
Column	Asset Inspection Line Field Name 1 AiID	Alias Al ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented		Estimated delivery timeframe Co To the extent possible, Liberty CalPeco will provide requested information in	onfidential? (Yes/No)
							schema.		GIS format by 8/2021, upon completion of enterprise GIS system upgrade	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	schema.  Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented schema.	need WSD GIS schema to be	of enterprise GIS system upgrade  To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion	Yes Yes
	2 UtilityID  3 AiLogID	Utility ID  Al Log ID		FK	$\label{thm:condition} Standardized \ identification \ name \ of \ the \ utility \ ("Utility G&E," \ etc.).$	No No	Liberty CalPeco has this data in the existing GIS but Data exists, n it does not conform to the newly released WSD GIS implemented	need WSD GIS schema to be ed at Liberty CalPeco GIS. need WSD GIS schema to be	of enterprise GIS system upgrade  To the extent possible, Liberty CalPeco will provide requested information in	
				FK	Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.		Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but implemented schema.  Data exists, not conform to the newly released WSD GIS implemented implemented schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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	Yes
	3 AiLogID	AI Log ID	text(50)	FK Domain	Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location.  The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1		Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 in GIS format by 8/2021, upon completion	Yes Yes
	3 AiLogID  4 InspectionLocationOrAddress	Al Log ID  Inspection Location Or Address	text(50) text(100)		Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location. The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the data in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform to the newly released WSD GIS implemented in the existing GIS but it does not conform the newly re	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 in GIS format by 8/2021, upon completion in GIS format by 8/2021, upon completion	Yes Yes Yes
	3 AiLogID  4 InspectionLocationOrAddress  5 HFTDClass	Al Log ID  Inspection Location Or Address  HFTD Class	text(50) text(100) text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location. The CPUC high-fire threat district (HFTD) area the inspection 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	Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 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
	3 AiLogID  4 InspectionLocationOrAddress  5 HFTDClass  6 HFTDClassComment	AI Log ID  Inspection Location Or Address  HFTD Class  HFTDClassComment	text(50)  text(100)  text(10)  text(50)		Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location. The CPUC high-fire threat district (HFTD) area the inspection 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 asset inspection project is located.	No No No	Liberty CalPeco has this data in the existing GIS but implemented 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 implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 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
	3 AiLogID  4 InspectionLocationOrAddress  5 HFTDClass  6 HFTDClassComment  7 City	Al Log ID  Inspection Location Or Address  HFTD Class  HFTDClassComment  City	text(50)  text(100)  text(10)  text(50)		Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location. The CPUC high-fire threat district (HFTD) area the inspection 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 No No	Liberty CalPeco has this data in the existing GIS but implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 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
Polygon	3 AiLogID  4 InspectionLocationOrAddress  5 HFTDClass  6 HFTDClassComment  7 City  8 County  9 District	Al Log ID  Inspection Location Or Address  HFTD Class  HFTDClassComment  City  County	text(50)  text(100)  text(10)  text(50)  text(50)		Standardized identification name of the utility ("UtilityG&E," etc.).  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.  Address or location description for the inspection location. The CPUC high-fire threat district (HFTD) area the inspection 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 asset inspection project is located.	No No No No No	Liberty CalPeco has this data in the existing GIS but implemented 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.  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 implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS implemented schema.	need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed at Liberty CalPeco GIS.  need WSD GIS schema to be ed 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 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 Yes

	1 AilD	AIID	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
	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	No	Liberty CalPeco has this data in the existing GIS but I 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	example, 006-0144-029-0000.  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
	6 HFTDClassComment	HFTDClassComment	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
	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 ID at a 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.			or enterprise dis system apgrade	
le	Grid Hardening Log Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations Data procurement actions	Estimated delivery timeframe Confider	ntial? (Yes/No)
411111	1 GhLogID	GH 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
	1 GhLogID 2 AiLogID	GH Log ID  Al Log ID	text(50)		Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Log table.	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.	will provide requested information in	
				PK	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Log table.  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		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. 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.	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
	2 AiLogID	Al Log ID	text(50)	PK FK	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  Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes	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.  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.  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.	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
	2 AiLogID 3 GhStatus	Al Log ID  GH Status	text(50) text(30)	FK  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 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 No No	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.  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.  schema.  Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS  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.	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 gIS format by 8/2021, upon completion	Yes Yes
	2 AiLogID 3 GhStatus 4 GhChangeOrder	Al Log ID  GH Status  GH Change Order	text(50) text(30) text(3)	FK  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  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 No No	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.  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.	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
	2 AiLogID 3 GhStatus 4 GhChangeOrder 5 GhChangeOrderDate	Al Log ID  GH Status  GH Change Order  GH Change Order Date	text(50) text(30) text(3)	FK  Domain  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 Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes No  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 Change in deployment timing Change in work being done Other change – See comment	No No No	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.  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.  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.	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	Yes Yes Yes Yes
	2 AiLogID  3 GhStatus  4 GhChangeOrder  5 GhChangeOrderDate  6 GhChangeOrderType	Al Log ID  GH Status  GH Change Order  GH Change Order Date  GH Change Order Type	text(50) text(30) text(3) date text(100)	FK  Domain  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 Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes No  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 Change in deployment timing Change in work being done Other change – See comment  Change order type not listed above.	No No No No No No No	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.  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.	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	Yes Yes Yes Yes Yes
	2 AiLogID  3 GhStatus  4 GhChangeOrder  5 GhChangeOrderDate  6 GhChangeOrderType  7 GhChangeOrderTypeComment	Al Log ID  GH Status  GH Change Order  GH Change Order Date  GH Change Order Type  Gh Change Order Type Comment	text(50)  text(30)  text(3)  date  text(100)	FK  Domain  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  Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes No  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 Change in deployment timing Change in work being done Other change – See comment  Change order type not listed above.	No No No No No No No	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.  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 to be implemented at Liberty CalPeco GIS.  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.	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	Yes Yes Yes Yes Yes Yes

	10 LineDeenergized	Line Deenergized	text(3)	Domain	Lines need to be de-energized to perform the work. Possible values:	No
	11 PersoninChargeName	Person In Charge Name	text(50)		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 Contractor	No
	13 PerformedByComment	Performed By Comment	text(30)		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 reinforcement Transformer maintenance and replacement Transformer 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.	
int lumn	Grid Hardening Point Field Name 1 GhID	<b>Alias</b> GH ID	Data Type text(50)	Charateristic PK	Additional description for the grid hardening work.  Description	No
	Field Name					No No
	Field Name 1 GhID	GH ID	text(50)		Description	
	Field Name  1 GhID  2 UtilityID	GH ID Utility ID	text(50) text(10)	PK	Description  Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point 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 Point 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.  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 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	Description  Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point 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.  Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a	No No
	Field Name 1 GhID 2 UtilityID 3 GhLogID 4 GridHardeningLocationOrAddress 5 ParcelAPN	GH ID  Utility ID  GH Log ID  Grid Hardening Location Or Address  Parcel APN	text(50)  text(10)  text(50)  text(100)  text(17)	PK FK	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point 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.  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.  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 ParcelAPN 6 ParcelAPN	GH ID  Utility ID  GH Log ID  Grid Hardening Location Or Address  Parcel APN  HFTD Class	text(50)  text(10)  text(50)  text(100)  text(17)	PK FK	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point 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.  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.  The CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3 Tier 2 Zone 1	No No No

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 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 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 GIS format by 8/2021, upon completion 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 GIS format by 8/2021, upon completion 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 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 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 of enterprise GIS system upgrade re the grid hardening projec

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

Data procurement actions

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

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schema

schema.

**Availability Explanations** 

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.

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

To the extent possible, Liberty CalPeco

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

To the extent possible, Liberty CalPeco

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

Yes

Confidential? (Yes/No)

Yes

Yes

will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade

will provide requested information in

of enterprise GIS system upgrade

will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade

	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
:	10 Latitude	Latitude	float		Operating district where the grid hardening 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 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.				
Point Column	Grid Hardening Line Field Name	Alias	Data Type	Charateristic	Description		Availability Explanations Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
	1 GhID	GH 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.	To the extent possible, Liberty CalPeco will provide requested information in	
					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.		schema.	GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
	2 UtilityID	Utility ID	text(10)			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
					Standardized identification name of the utility ("UtilityG&E," etc.).				
	3 GhLogID	GH Log 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 of enterprise GIS system upgrade	Yes
	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	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
	5 HFTDClass	HFTD Class	text(10)	Domain	Address or location description for the grid hardening location.	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 CPUC high-fire threat district (HFTD) area the grid hardening project intersects. Possible values: Tier 3 Tier 2 Zone 1		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 HFTDClassComment	HFTDClassComment	text(50)		Non-HFTD	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	
					If the assignt line interrepts multiple UFTD asses list all of them have		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 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	To the extent possible, Liberty CalPeco	
					City in where the grid hardening project is located.		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
	8 County	County	text(50)		at, in the cate grant accoming project a scatter.	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 grid hardening project is located.	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	
			text(100)				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
					Operating district where the grid hardening project.				
Table Column	Initiative Asset Log Field Name	Alias		Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations Data procurement actions		Confidential? (Yes/No)
	1 AssetLogID	Asset 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
	2 VmiID	VMIID	text(50)	FK	Unique ID and primary key for the Initiative Asset Log table.	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	
					Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Point, Life, and Polygon tables. This value can be		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
	3 VmpID	VMP ID	text(50)	FK	repeated based on the amount of asset or circuit segments.	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	
					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 segments.		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 AilD	Al 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	Yes
					Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection Point, Line and Polygon tables. This value can be repeated based on the amount of asset or circuit segments.			of enterprise GIS system upgrade	
	5 GhID	GH 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	Yes
					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 amount of asset or circuit segments.			of enterprise GIS system upgrade	

	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 of enterprise GIS system upgrade	Yes
	7 Associated Asset Count	Associated Asset Count	integer		key to all the related Asset Point tables.	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 SubstationID	Substation ID	text(50)		The number of assets which are associated with the initiative activity.	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 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 of enterprise GIS system upgrade	Yes
	10 CircuitID	Circuit ID	text(50)	FK	Name of the substation supplying the circuit associated with the vegetation management project.  Unique ID for a specific line asset. Must be traceable stable ID within a specific asset class. Foreign key	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 CircuitName	Circuit Name	text(255)		to the Asset Line tables.	No	Liberty CalPeco has this data in the existing GIS but ID 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
	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 ID 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
	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 of enterprise GIS system upgrade	Yes
	14 Underbuild	Underbuild	text(3)	Domain	The length of circuits which are associated with the initiative activity (mile). Two decimal places.  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 of enterprise GIS system upgrade	Yes
	15 LineDeenergized	Line Deenergized	text(3)	Domain	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.	To the extent possible, Liberty CalPeco will provide requested information in	
					Do the power lines need to be de-energized to perform the work? Possible values: Yes No		schema.	GIS format by 8/2021, upon completion of enterprise GIS system upgrade	Yes
hla	Initiativa Dhota Log				Yes		schema.		Yes
<mark>ble</mark> lumn	Initiative Photo Log Field Name 1 PhotoID	<b>Alias</b> Photo ID		Charateristic PK	Yes No  Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example,	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 at Liberty CalPeco GIS. schema.	of enterprise GIS system upgrade	Yes onfidential? (Yes/No) Yes
<mark>ble</mark> lumn	Field Name		text(100)		Pescription  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB_20200703_Initiative_1.png"  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 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.	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	onfidential? (Yes/No)
ble lumn	Field Name 1 PhotoID	Photo ID	text(100)	PK PK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format  UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example,  "UtilityG&E_AB_20200703_Initiative_1.png"  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,  "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,	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.  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.	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	onfidential? (Yes/No) Yes
b <mark>le</mark> lumn	Field Name 1 PhotoID 2 PhotoBeforeID	Photo ID  Photo Before ID	text(100) text(100)	PK PK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format  UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB_20200703_Initiative_1.png"  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, "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"  Unique ID or job ID of an initiative. Foreign key to the Vegetation Management Project Point, Line and	No 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 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.  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.	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	onfidential? (Yes/No) Yes Yes
ble lumn	Field Name 1 PhotoID 2 PhotoBeforeID 3 PhotoAfterID	Photo ID  Photo Before ID  Photo After ID	text(100)  text(100)  text(100)  text(50)	PK PK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB_20200703_Initiative_1.png"  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, "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"  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.	No 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.  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	onfidential? (Yes/No)  Yes  Yes  Yes
<mark>ble</mark> lumn	Field Name 1 PhotoID 2 PhotoBeforeID 3 PhotoAfterID 4 VmpID	Photo ID  Photo Before ID  Photo After ID  VMP ID	text(100)  text(100)  text(100)  text(50)	PK PK FK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB_20200703_Initiative_1.png"  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, "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"  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 Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the number of photos taken.  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table. This value	No No No 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.  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.  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	onfidential? (Yes/No)  Yes  Yes  Yes  Yes
ble lumn	Field Name 1 PhotoID 2 PhotoBeforeID 3 PhotoAfterID 4 VmpID 5 VmiID	Photo ID  Photo Before ID  VMP ID  VMI ID	text(100)  text(100)  text(100)  text(50)  text(50)	PK PK FK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, "UtilityG&E_AB_20200703_Initiative_1.png"  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, "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"  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 Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the number of photos taken.  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table. This value can be repeated based on the number of photos taken.	No No No 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.  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.  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	onfidential? (Yes/No)  Yes  Yes  Yes  Yes
ble lumn	Field Name 1 PhotoID  2 PhotoBeforeID  3 PhotoAfterID  4 VmpID  5 VmiID	Photo ID  Photo Before ID  VMP ID  VMI ID  Al ID	text(100)  text(100)  text(100)  text(50)  text(50)  text(50)	PK PK FK FK	Description  ID for photo showing the initiative or inspection findings. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format  UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example,  "UtilityG&E_AB_20200703_Initiative_1.png"  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,  "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"  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 Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the number of photos taken.  Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table. This value can be repeated based on the number of photos taken.	No No No No 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.  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.  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.  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  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 Yes Yes Yes

9 ToDevice To Device text(50) FK

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 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

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

Other Power Line Connection Location									
mn Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)		Data procurement actions	Estimated delivery timeframe	Confidential? (Ye
1 OplcID	PPIC ID	text(50)	PK		No	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	checks at all locations to gather the required	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 and primary key for the private Power Line Connection Location table.		the proposed WSD schema to populate the required fields at this time.			
2 UtilityID	Utility ID	text(10)			No	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	checks at all locations to gather the required	To the extent possible, Liberty CalPeco will provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
3 OtherLineOwner	Other Line Owner	text(100)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	time. Liberty CalPeco has connections to private power lines that are	In addition to the implementation of the new WSD GIS	To the extent possible Tiberty CalPeco will	Yes
3 diletileome	ond the swit	ιεκί(100)		Name of individual or other entity that owns the private line to which an electrical corporation line is		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	schema, Liberty CalPeco will need to perform field checks at all locations to gather the required	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
4 ConnectionAsset	Connection Asset	text(100)		connecting.	No	time. Liberty CalPeco has this data in the existing GIS but it does not	Data exists, need WSD GIS schema to be implemented	To the extent possible, Liberty CalPeco will	Yes
		(50)		Asset enabling the connection.			at Liberty CalPeco GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
5 ConnectionPointAssetID	Connection Point Asset ID	text(50)			No		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	
				AssetID of the asset that enables the connection. Must be traceable stable ID within a specific asset class.				by 8/2021, upon completion of enterprise GIS system upgrade	
6 CorporationLineID	Corporation Line ID	text(50)		Class.	No		Data exists, need WSD GIS schema to be implemented	,	Yes
				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.			at Liberty CalPeco GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
7 OtherLineClass	Other Line Class	text(30)	Domain	Classification of line asset that meets corporation line at connection location. Possible values:	No		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	
				Transmission Primary distribution Secondary Distribution Unknown				by 8/2021, upon completion of enterprise GIS system upgrade	
8 HFTDClass	HFTD Class	text(10)	Domain	The CRUC high fire threat district (HETD) area the connection location interrests. Receible values	No		Data exists, need WSD GIS schema to be implemented		
				The CPUC high-fire threat district (HFTD) area the connection location intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD			at Liberty CalPeco GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
9 County	County	text(50)			No		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	
				Country to district and the last to the stand		·	,	by 8/2021, upon completion of enterprise	
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 currently plan to collect this information.	provide requested information in GIS format	
				Unknown				by 8/2021, upon completion of enterprise GIS system upgrade	
11 ConnectionType	Connection Type	text(30)	Domain	Type of energy transfer happening at location. Possible values:  Other to corporation  Corporation to Other	No		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	
12 ConnectionOHUG	Connection OH or UG	text(50)	Domain	Is the connection overhead or underground? Possible values: All Overhead	No		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	
				All underground Overhead to underground Underground to overhead Unknown		monipation with the newly record was distributed.	at Elberty call coo dis.	by 8/2021, upon completion of enterprise GIS system upgrade	
13 OtherNominalVoltagekV	Other Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) of other conductor connected to corporation line. Do not use more than two decimal places. Enter "-99" if N/A.Use -99 if this is not known.	No	· · · · · · · · · · · · · · · · · · ·	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
14 OtherOperatingVoltagekV	Other Operating Voltage (kV)	float		Operating voltage (in kilovolts) of other conductor connected to corporation line. Do not use more	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this	N/A	Yes
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:	No		information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
				All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Unknown			information.		
16 ConductorMaterialComment	Conductor Material Comment	text(50)		other - See comment.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this	N/A	Yes
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	No	Liberty CalPeco does not have this data.	information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
18 OtherConductorOD	Other Conductor Overall Diameter (in	nc float		"Unknown" 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 data.	information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
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		information. Liberty CalPeco does not currently plan to collect this	N/A	Yes
20 ConnectionLastInspectionDate	Connection Last Inspection Date	date		conductor. For example, "Lapwing," "Sparrow," etc. Write "Unknown" if this is not known.	No		information.  Data exists, need WSD GIS schema to be implemented	To the extent possible, Liberty CalPeco will	Yes
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	incompatible with the newly released WSD GIS schema.	at Liberty CalPeco GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	
11 ConnectionLastivianiterialiteDate	connection tast maintenance vale	uute					Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise	
22 ConnectionEstablishmentDate	Connection Establishment Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco does not have this data in the existing GIS but the	If data exists, then export data from Billing system to	GIS system upgrade To the extent possible, Liberty CalPeco will	Yes
				Date the connection was established. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.			GIS.	provide requested information in GIS format by 8/2021, upon completion of enterprise GIS system upgrade	

	23 ConnectionEstablishmentYear	Connection Establishment Year	integer			No
	24 EstimatedConnectionAge	Estimated Connection Age	text(10)	Domain	Year of connection establishment. Use four digits. Can be pulled from the "InstallationDate" field with a 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 10-19 20-29	No
					30-39 40-49 50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is a "ConnectionEstablishmentYear" value)	
	25 OtherUsefulLifespan	Other Useful Lifespan	integer		The number of years the other line connected to the corporation line is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No
	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
	28 OtherPowerLineComments	Other Power Line Comments	text(100)		Unknown	No
					Describe any additional key details that should be known about the connection location.	No
oint olumn	Critical Facility Field Name	Alias	Data Type	Charateristic	Description	No No
Olulliii	1 FacilityID	Facility ID	text(50)	PK	Securitori	No
	2 UtilityID	Utility ID	text(10)		Unique ID for a specific critical facility. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Critical Facility table.	No
	3 FacilityName	Facility Name	text(100)		$\label{thm:condition} Standardized identification name of the utility ("UtilityG\&E," etc.).$	No
	4 FacilityCategory	Facility Category	text(30)	Domain	Name of the facility Critical facility category. See examples table below this table for examples of facilities that fall under these categories. Possible values: Chemical Communications	No
	5 FacilityCategoryComment	Facility Category Comment	text(30)		Emergency services Energy Government facilities Healthcare and public health Public safety answering points Transportation Water and wastewater systems Other – See comment.	No
	6 FacilityDescription	Facility Description	text(50)		Facility category not covered by the options above.	No
	7 CircuitID	Circuit ID	text(50)		Brief facility description (e.g., fire station, prison, nursing home, etc.).	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
	11 ВаскирТуре	Васкир Туре	text(30)	Domain	Unknown Type of backup power source. Possible values: Storage battery Diesel generator Gas generator	No
	12 BackupTypeComment	Backup Type Comment	text(30)		Combined/hybrid Other – See comment.  Backup type not listed in the options above.	No
					packap type not nated in the options dDOVE.	

Backup type not listed in the options above.

Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.  Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	GIS.  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 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	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.	information. 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 information.	N/A	Yes
Availability Explanations 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. Once that data is $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty$	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
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. Once that data is $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty}$		Yes
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. Once that data is $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty$		Yes
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. Once that data is $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty$		Yes
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. Once that data is $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty$		Yes
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. Once that data is $ \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left( \frac{1}{2} \int_{-\infty}^{\infty$	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 location of critical facilities is unknown.			Yes
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
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
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 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 currently have this data in the GIS today.	agencies to get GIS data of critical facility locations and other required information. $ \\$		Yes

	13 BackupCapacity	Backup Capacity	float			No		agencies to get GIS data of critical facility locations and other required information.	by 8/2021, upon completion of enterprise	Yes
	14 PopulationImpact	Population Impact	integer		Hours of energy storage of hours of backup generation from backup power source.	No		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	res .
	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.		Yes
	16 PSPSDays	PSPS Days	integer		Non-HFTD  The number of days the critical facility was impacted by PSPS events in the last 365 days.	No	Liberty Calpeco does not currently have this data in the GIS today.			res .
	17 PSPSDaysDateBasis	PSPS Days Date Basis	float		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 PSPS events.	No d	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.	To the extent possible, Liberty CalPeco will	<b>Ye</b> s
	18 ParcelAPN	Parcel APN	text(17)	PK	ID of parcel containing critical facility. Primary key for the Critical Facility table.	No	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	<b>Ye</b> s
	19 Address	Address	text(100)		The address of the critical facility.	No	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	res es
	20 City	City	text(50)		The city of the critical facility.	No	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 provide requested information in GIS format by 8/2021, upon completion of enterprise	res es
	21 Zip	Zip	text(5)		The 5-digit zip code of the critical facility.	No	critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.		res es
	22 Latitude	Latitude	float		Latitude coordinate of critical facility (in decimal degrees).	No	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	res es
	23 Longitude	Longitude	float		Longitude coordinate of critical facility (in decimal degrees).	No	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	<b>Ye</b> s
					Eorigitude Coordinate of Critical facility (in decimal degrees).				dis system appraide	
Polygon Column	Red Flag Warning Day Polygon Field Name 1 RfwID	Alias RFW ID	Data Type text(50)	Charateristic PK	Description	Data provided in latest submission? (Yes/ No) No	Liberty CalPeco does not currently have this data in the GIS.	Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from	To the extent possible, Liberty CalPeco will y provide requested information in GIS format	Confidential? (Yes/No) Yes
Polygon Column	Field Name				<b>Description</b> Unique ID and primary key for the red flag warning table.	Data provided in latest submission? (Yes/ No) No	Liberty CalPeco does not currently have this data in the GIS.  Liberty CalPeco does not currently have this data in the GIS.	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	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	Yes
Polygon Column	Field Name 1 RfwlD	RFW ID	text(50)			No	Liberty CalPeco does not currently have this data in the GIS.  Liberty CalPeco does not currently have this data in the GIS.	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 implemented Liberty CalPeco will download data from	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.	Yes
Polygon Column	Field Name  1 RfwlD  2 UtilityID	RFW ID Utility ID	text(50)		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	No	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.	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.	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 to the extent possible to th	Yes Yes
Polygon Column	Field Name  1 RfwlD  2 UtilityID  3 FireWeatherZoneID	RFW ID  Utility ID  Fire Weather Zone ID	text(50) text(10) text(50)		Unique ID and primary key for the red flag warning table.  Standardized identification name of the utility ("UtilityG&E," etc.).	No No	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.	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.	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	Yes Yes
Polygon Column	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName	RFW ID  Utility ID  Fire Weather Zone ID  Fire Weather Zone Name	text(50)  text(10)  text(50)  text(30)		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	No No	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.	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.	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	Yes Yes Yes
Polygon	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate	RFW ID  Utility ID  Fire Weather Zone ID  Fire Weather Zone Name  Red Flag Warning Issue Date	text(50) text(10) text(50) text(30) date		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 No No No	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.	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.	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	Yes Yes Yes
Polygon	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate  6 RedFlagWarningIssueTime	RFW ID  Utility ID  Fire Weather Zone ID  Fire Weather Zone Name  Red Flag Warning Issue Date  Red Flag Warning Issue Time	text(50)  text(10)  text(50)  text(30)  date  date		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 No No No No No No No	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.  Liberty CalPeco does not currently have this data in the GIS.	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.	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  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
Polygon	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate  6 RedFlagWarningIssueTime  7 NumberRedFlagWarningDays	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	text(50)  text(10)  text(50)  text(30)  date  date  int		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 No No No No No No No	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.  Liberty CalPeco does not currently have this data in the GIS.	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.	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  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
Polygon Column	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate  6 RedFlagWarningIssueTime  7 NumberRedFlagWarningDays	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	text(50)  text(10)  text(50)  text(30)  date  date  int  float		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 which 365 days would be subtracted to determine the timespan that contained red flag warning days.	No No No No No No No No	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.  Liberty CalPeco does not currently have this data in the GIS.  Liberty CalPeco does not currently have this data in the GIS.	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.  Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.  Data procurement actions None.	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	Yes Yes Yes Yes Yes Yes Yes Confidential? (Yes/No)
	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate  6 RedFlagWarningIssueTime  7 NumberRedFlagWarningDays  8 RedFlagDaysDateBasis	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  Red Flag Days Date Basis	text(50)  text(10)  text(50)  text(30)  date  date  int  float	PK	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 which 365 days would be subtracted to determine the timespan that contained red flag warning days.	No No No No No No Data provided in latest submission? (Yes/ No)	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.  Liberty CalPeco does not currently have this data in the GIS.  Liberty CalPeco does not currently have this data in the GIS.  Availability Explanations  Liberty CalPeco currently has a single service territory polygon.	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.  Once the WSD GIS data schema has been implemented Liberty CalPeco will download data from NWS and integrate with GIS data.  Data procurement actions None.	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 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 Liberty CalPeco provided this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by BIS extended this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by GIS extended this data in the first formation in GIS format by GIS extend	Yes Yes Yes Yes Yes Yes Yes Confidential? (Yes/No)
	Field Name  1 RfwID  2 UtilityID  3 FireWeatherZoneID  4 FireWeatherZoneName  5 RedFlagWarningIssueDate  6 RedFlagWarningIssueTime  7 NumberRedFlagWarningDays  8 RedFlagDaysDateBasis  Administrative Area Field Name  1 AdminID	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  Red Flag Days Date Basis	text(50)  text(10)  text(50)  text(30)  date  date  int  float  Data Type tet(50)	PK	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 which 365 days would be subtracted to determine the timespan that contained red flag warning days.  Description  Unique ID and primary key for the Administrative Area table	No No No No No No Data provided in latest submission? (Yes/ No) No	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.  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.  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(Yes/No) No

4 SubareaType		text(50)	Utility subarea type. Possible values: Operational Construction Weather Organizational	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		Other - See comment				
5 SubareaTypeComment		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.
	Subarea Type Comment		Subarea type not listed in the options above.				
6 Name		text(100)		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.				,,