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

Point Camera

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	AssetID	Asset ID	text(50)	PK	Unique ID for a specific camera. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Camera table.	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
6	HFTDClass	HFTD Class	text(10)	Domain	intersects. Possible values: Tier 3 Tier 2 Zone 1	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	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 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, CalPeco will provide requested information in GIS format by 12/2020	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 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, CalPeco will provide requested information in GIS format by 12/2020	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 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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes

Point Connection Device

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	AssetID	Asset ID	text(50)	PK	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	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, CalPeco will provide requested information in GIS format by 12/2020	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

		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
4	AssetOHUG									
		Connection Device Type	text(30)	Domain	What type of connection device is the asset? Possible values: Splice	Yes	We mapped ConnectionDeviceType to Subtype. Subtype is Domain field.			Yes
5	ConnectionDeviceType									
		Connection Device Type Comment	text(30)			Yes	We have Other: 'Overhead Primary Tap' and 'Overhead Secondary Tap'			Yes
6	ConnectionDeviceTypeComment									
		Connection Device Subtype	text(30)	Domain	Connection device type not listed in the options above. What is the specific subtype of the connection device? Automatic Splice Crimp Splice Explosive Sleeve Splice (i.e. permanent, fused)	No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
7	ConnectionDeviceSubtype									
		Connection Device Subtype Comment	text(30)			No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
8	ConnectionDeviceSubtypeComment				Connection device subtype not listed in the options above.					
		Associated Nominal Voltage (kV)	float			No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
9	AssociatedNominalVoltagekV				Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.					
		Associated Operating Voltage (kV)	float			No	Currently, we don't have this field populated in our system	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
10	AssociatedOperatingVoltagekV				Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.					
		From Structure ID	text(50)	FK	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	Yes	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
11	FromStructureID									
		To Structure ID	text(50)	FK	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	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
12	ToStructureID									
		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
13	CircuitID									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
14	CircuitName									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	SubstationID									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	SubstationName									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
17	MakeandManufacturer									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
18	ModelNumber									
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
19	HFTDClass									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
20	County									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
21	LastInspectionDate									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
22	InstallationDate									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
23	InstallationYear									
		Estimated Age	text(10)	Domain	"InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
24	EstimatedAge									

		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			To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
25	UsefulLifespan									
		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:	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
26	ExemptionStatus									
		Asset Latitude	float			Yes	Currently, we don't have this field populated in our system. We don't have this field in feature class but it was populated according to your guidelines.	We will consult LU WSD team		Yes
27	AssetLatitude				Latitude coordinate of asset (in decimal degrees).					
		Asset Longitude	float			Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
28	AssetLongitude				Longitude coordinate of asset (in decimal degrees).					

Point	**Customer Meter**									
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)**
		Meter ID	text(50)	PK						
1	MeterID				Unique ID for a specific meter. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Customer Meter table.	Yes			To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Utility ID	text(10)				We don't have this field populated on all of our customer data We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.	We will consult LU WSD team		
2	UtilityID				Standardized identification name of the utility ("UtilityG&E," etc.).	Yes				Yes
		Asset Type	text(30)				We don't have this field in feature class but it was populated according to your guidelines.			
3	AssetType				Type of point asset. Required value: Customer meter	Yes				Yes
		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				
4	CircuitID						We mapped CircuitId to FeederID.			Yes
		Circuit Name	text(255)							
5	CircuitName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation ID	text(50)	FK						
6	SubstationID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Name	text(30)							
7	SubstationName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Make and Manufacturer	text(50)							
8	MakeandManufacturer				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Model Number	text(30)							
9	ModelNumber				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
10	HFTDClass									
		County	text(50)							
11	County				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Date	date							
12	InstallationDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Year	integer							
13	InstallationYear				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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	No				
14	EstimatedAge						Currently, we don't have this field populated in our system. We don't have this field in feature class but it was populated according to your guidelines.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float			Yes				Yes
15	AssetLatitude				Latitude coordinate of asset (in decimal degrees).					
		Asset Longitude	float			Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
16	AssetLongitude				Longitude coordinate of asset (in decimal degrees).					

Point	**Fuse**									
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)**
		Asset ID	text(50)	PK						
1	AssetID				Unique ID for a specific fuse. It should be a traceable stable ID within the utility's operations/processes. Primary key for the Fuse table.	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Utility ID	text(10)				We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			
2	UtilityID				Standardized identification name of the utility ("UtilityG&E," etc.).	Yes				Yes

3	AssetOHUG	Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground	Yes	We mapped AssetOHUG to Subtype. Subtype is a domain field.			Yes
4	AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage(domain field). Some fuses are missing the value.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
5	AssociatedOperatingVoltagekV	AssociatedOperatingVoltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage(domain field). Some fuses are missing the value.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
7	SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
8	CircuitID	Circuit ID	text(50)	FK	ID of circuit associated with asset. This will be a unique standardized identification name of the circuit. Foreign key to all the related asset line tables.	Yes	We mapped CircuitId to FeederID.			Yes
9	CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
10	MakeandManufacturer	Make and Manufacturer	text(50)		What is the make and manufacturer of the asset? Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
11	ModelNumber	Model Number	text(30)		Model number of the asset. Enter "Unknown" if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
12	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
13	County	County	text(50)		County in which asset is located.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
14	LastInspectionDate	Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
17	InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
18	EstimatedAge	Estimated Age	text(10)	Domain	"InstallationYear" and "InstallationDate" values are unknown. Possible values: 0-9 10-19	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
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.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
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:	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
21	FuseRating	Fuse Rating (A)	float		The nominal current rating of the fuse in amperes.	Yes	We mapped FuseRating to our Comment field			Yes
22	AssetType	Asset Type	text(30)	Domain	Bridged Current limiting Expulsion Fused elbow	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes

		Asset Subtype	text(30)							
24	AssetSubtype					No			To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float		What is the specific subtype of the fuse device?		Currently, we don't have this field populated in our system.	We will consult LU WSD team		
25	AssetLatitude				Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
		Asset Longitude	float							
26	AssetLongitude				Longitude coordinate of asset (in decimal degrees).	Yes	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**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
		Asset ID	text(50)	PK						
1	AssetID				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.	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Utility ID	text(10)							
2	UtilityID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Type	text(30)							
3	AssetType				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Associated Nominal Voltage (kV)	float							
4	AssociatedNominalVoltagekV				Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Associated Operating Voltage (kV)	float							
5	AssociatedOperatingVoltagekV				Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	NO	Currently we do not have points for lightning arrestors becasue we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Support Structure ID	text(50)							
6	SupportStructureID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation ID	text(50)							
7	SubstationID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Name	text(50)	FK						
8	SubstationName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Circuit ID	text(50)	FK						
9	CircuitID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Circuit Name	text(255)							
10	CircuitName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Make and Manufacturer	text(50)							
11	MakeandManufacturer				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Model Number	text(30)							
12	ModelNumber				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values:					
13	HFTDClass				Tier 3 Tier 2	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		County	text(50)							
14	County				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Last Inspection Date	date							
15	LastInspectionDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes

		Last Maintenance Date	date							
16	LastMaintenanceDate				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 because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Date	date							
17	InstallationDate				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 because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Year	integer							
18	InstallationYear				Year of asset installation. Use four digits. Enter “-99” if unknown.	NO	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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	NO	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
19	EstimatedAge									
		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 because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
20	UsefulLifespan									
		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	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
21	ExemptionStatus									
		Arrestor Rating (kV)	float				Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
22	ArrestorRating				Rating of the lightning arrestor in kilovolts.	NO	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float							
23	AssetLatitude				Latitude coordinate of asset (in decimal degrees).	NO	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		AssetLongitude	float							
24	AssetLongitude				Longitude coordinate of asset (in decimal degrees).	NO	Currently we do not have points for lightning arrestors because we do not have camers installed	We will consult LU WSD team to plan the installation of lightning arrestors	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes

Point Substation

Column	Field Name	Alias		Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
		Substation ID	text(50)	PK						
1	SubstationID				ID of substation associated with asset. Primary key for the Substation table.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Utility ID	text(10)				We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			
2	UtilityID				Standardized identification name of the utility (“UtilityG&E,” etc.).	Yes				Yes
		Asset Type	text(30)							
3	AssetType				Type of point asset. Required value: Substation	Yes	We mapped AssetType to our Subtype			Yes
			text(50)							
4	SubstationName				Name of substation.	Yes	We mapped SubstationName to our Name			Yes
		Substation Name Substation Nominal Voltage (kV)	float							
5	SubstationNominalVoltagekV				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.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Associated Operating Voltage (kV)	float							
6	AssociatedOperatingVoltagekV				Operating voltage (in kilovolts) ratings associated with the substation. Include all applicable voltages separated by slashes (e.g., “230/139/69/12”). Enter “-99” if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to our Voltage (domain field). We don't have Voltage for all of our substations.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Rating	float							
7	SubstationRating				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Type	text(10)	Domain	Type of substation. Possible values: Network Loop Radial					
8	SubstationType					No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3					
9	HFTDClass					Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3 We don't have this field in feature class but it was populated.			Yes
		County	text(50)							
10	County				County in which asset is located.	Yes		We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Last Inspection Date	date							
11	LastInspectionDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes

		Installation Date	date							
12	InstallationDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Year	integer							
13	InstallationYear				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float							
14	AssetLatitude				Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
		Asset Longitude	float							
15	AssetLongitude				Longitude coordinate of asset (in decimal degrees).	Yes	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	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
		Support Structure ID	text(50)	PK						
1	SupportStructureID				Unique ID for support structure. It should be a traceable stable ID within the utility’s operations/processes. Primary key enabling connection to the “Support Structure Crossarm Detail” table.	Yes	We mapped SupportStructureID to Facility ID. There are points with out facility ID however with ongoing asset survey many of them should be updated.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Utility ID	text(10)				We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			
2	UtilityID				Standardized identification name of the utility (“UtilityG&E,” etc.).	Yes				Yes
		Asset Type	text(30)				We don't have this field in feature class but it was populated according to your guidelines.			
3	AssetType				Type of point asset. Required value: Support structure	Yes				Yes
		Substation ID	text(50)	FK						
4	SubstationID				ID of substation associated with asset. Foreign Key to the Substation table.	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values:					
5	HFTDClass				Tier 3	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
		County	text(50)							
6	County				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Last Inspection Date	date							
7	LastInspectionDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Last Maintenance Date	date							
8	LastMaintenanceDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Last Intrusive Date	date							
9	LastIntrusiveDate				Date of the last intrusive. 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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Date	date							
10	InstallationDate				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Installation Year	integer							
11	InstallationYear				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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:					
12	EstimatedAge					No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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 in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Support Structure Type	text(30)	Domain	Type of support structure. Possible values:		We don't have this field in feature class but it was populated according to your guidelines.			
14	SupportStructureType				Pole Tower	Yes				Yes
		Support Structure Type Comment	text(30)		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,					
15	SupportStructureTypeComment					No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Support Structure Material	text(30)	Domain	Material from which pole, tower, or crossarm is made. Possible values:		We mapped SupportStructureMaterial to our Subtype. Subtype is a domain field.			
16	SupportStructureMaterial				Wood	Yes				Yes
		Support Structure Material Comment	text(30)							
17	SupportStructureMaterialComment				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Support Structure Material Subtype	text(30)							
18	SupportStructureMaterialSubtype				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, CalPeco will provide requested information in GIS format by 12/2020	Yes

19	Underbuild	Underbuild	text(3)	Domain	Does the line support multiple transmission or primary distribution circuits? Possible values: Yes	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
20	ConstructionGrade	Construction Grade	text(10)	Domain	Grade of construction, in accordance with GO 95, Rule 42. Possible Values: Grade A	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
21	CrossarmAttached	Crossarm Attached	text(10)	Domain	Is one or more crossarms attached to the support structure? Possible values: Yes	No	Currently, we don't have this field in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
22	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. Therefore, it was repopulated.			Yes
23	AssetLongitude	Asset Longitude	float		Longitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes

Table Support Structure Crossarm Detail

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	AssetID	Asset ID	text(50)	PK	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.	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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.	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, CalPeco will provide requested information in GIS format by 12/2020	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.	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
8	CircuitName	Circuit Name	text(255)		Name of circuit associated with asset.	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
11	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 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, CalPeco will provide requested information in GIS format by 12/2020	Yes
12	InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	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, CalPeco will provide requested information in GIS format by 12/2020	Yes

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	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	CrossarmConfiguration	Crossarm Configuration	text(30)	Domain	Configuration of crossarm. Possible values: Single Arm Double Arm Alley Arm	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	CrossarmLength	Crossarm Length (inches)	float		Length of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
17	CrossarmWidth	Crossarm Width (inches)	float		Width of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
18	CrossarmHeight	Crossarm Height (inches)	float		Height of crossarm in inches.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
19	CrossarmMaterial	Crossarm Material	text(30)	Domain	Material from which pole, tower, or crossarm is made. Possible values: Wood Metal Composite 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, CalPeco will provide requested information in GIS format by 12/2020	Yes
20	CrossarmMaterialComment	Crossarm Material Comment	text(30)		Crossarm material not listed in the options above.	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
21	CrossarmMaterialSubtype	Crossarm Material Subtype	text(30)		The subtype of structure material. For example, if a wood pole, the type of wood (i.e. Douglas Fir, Cedar, etc.).	NO	Currently we do not have any information on Support Structure Crossarm Detail. However, with ongoing pole survey we should be able to provide more information on crossarms.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes

Point Switchgear

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	AssetID	Asset ID	text(50)	PK	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.	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, CalPeco will provide requested information in GIS format by 12/2020	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

		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
4	AssetOHUG									
		Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter "-99" if N/A.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage (domain field). Some are missing values. 210=12.47kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
5	AssociatedNominalVoltagekV									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
6	AssociatedOperatingVoltagekV									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
7	SupportStructureID									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
8	SubstationID									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
9	SubstationName									
		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
10	CircuitID									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
11	CircuitName									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
12	MakeandManufacturer									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
13	ModelNumber									
		HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3	Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
14	HFTDClass									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	County									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	LastInspectionDate									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
17	LastMaintenanceDate									
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
18	InstallationDate									
		Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes	We mapped InstallationYear to our InstallYear. Some are missing values.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
19	InstallationYear									

		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)					
20	EstimatedAge					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Useful Lifespan	integer							
21	UsefulLifespan				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Exemption Status	text(10)	Domain						
22	ExemptionStatus				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Current Rating (A)	float							
23	CurrentRating				Nominal current rating of the switchgear in amperes.	Yes	We mapped CurrentRating to our MaxContAmp field. Some are missing values.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Class	text(30)	Domain						
24	AssetClass				Is the asset associated with transmission or distribution? Possible values: Distribution Transmission	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		SCADA Enabled	text(3)	Domain						
25	SCADAEnabled				Can supervisory control and data acquisition (SCADA) be utilized with the asset? Possible values: Yes No N/A	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Switchgear Type	text(30)							
26	SwitchgearType					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 Blade Fuse Disconnect.SFR=Fused Riser; SPE=Separable; VFI=VFI.			Yes
		Switchgear Subtype	text(30)							
27	SwitchgearSubtype				Type of switchgear (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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Switchgear Insulating Medium	text(30)							
28	SwitchgearInsulatingMedium				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float							
29	AssetLatitude				Medium (air, gas, oil, etc.) providing insulation for switchgear asset. Be specific.	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
		Asset Longitude	float							
30	AssetLongitude				Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
					Longitude coordinate of asset (in decimal degrees).					

Point	**Transformer**									
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)**
		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
1	TransformerID									
		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									
		Support Structure ID	text(50)	FK	Unique ID for support structure to which transformer is attached. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the Support Structure table.	Yes	We mapped SupportStructureID to StructureNumber. Padmount Transformers have this field blank since they don't sit on the poles.			Yes
3	SupportStructureID									
		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 according to your guidelines.			Yes
4	AssetType									

		Asset OH or UG	text(30)	Domain						
5	AssetOHUG				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, 3=Step Transformer, 4=Power Transformer			Yes
		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					
6	HFTDClass					Yes	We mapped HFTDClass to HFTD. HFTD is not a domain field. Our values are 0=nonHFTD; 2=Tier2; 3=Tier3			Yes
		County	text(50)							
7	County					No			To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Ina Bank	text(30)	Domain	County in which asset is located. Does a single point represent multiple assets that exist in a bank arrangement (i.e., transformer bank)? Possible values:		Currently, we don't have this field populated in our system.	We will consult LU WSD team		
8	InaBank				Yes (if multiple transformers are represented by a single	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Quantity in Bank	integer							
9	QuantityinBank				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset Latitude	float							
10	AssetLatitude				Latitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes
		Asset Longitude	float							
11	AssetLongitude				Longitude coordinate of asset (in decimal degrees).	Yes	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**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
		Asset ID	text(50)	PK	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.					
1	AssetID					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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.					
2	TransformerID					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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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					
3	TransformerSubtype					Yes	We mapped TransformerSubtype to our TransformerType			Yes
		Associated Nominal Voltage (kV)	float							
4	AssociatedNominalVoltagekV				Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places.	Yes	We mapped AssociatedNominalVoltagekV to our Nominal Voltage (domain field). Some are missing values. 210=12.47kV; 230=13.2kV; 260=14.4kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Associated Operating Voltage (kV)	float							
5	AssociatedOperatingVoltagekV				Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some are missing values. 30=120/240V; 160=7.2kV; 120=4.16kV; 210=12.47kV; 220=12.5kV; 340=14.4; 360=24.9kV; 390=15kV; 400=25kV; 450=60kV; 460=12.47GDY/7.2kV; 480=24.9GDY/14.4kV; 550=14.4/8.3kV; 530=14.4-12.5kV; 540=14.4/24.9kV	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation ID	text(50)	FK						
6	SubstationID				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Name	text(50)							
7	SubstationName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		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.					
8	CircuitID					Yes	We mapped CircuitId to FeederID.			Yes
		Circuit Name	text(255)							
9	CircuitName				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Make and Manufacturer	text(50)							
10	MakeandManufacturer				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, CalPeco will provide requested information in GIS format by 12/2020	Yes

11	ModelNumber	Model Number	text(30)		Model number of the asset. Enter “Unknown” if this cannot be determined.	Yes	We mapped ModelNumber to our StockNumber			Yes
12	LastInspectionDate	Last Inspection Date	date		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
13	LastMaintenanceDate	Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
14	InstallationDate	Installation Date	date		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter “-99” if unknown.	Yes	We mapped InstallationYear to our InstallYear. Some are missing values.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	EstimatedAge	Estimated Age	text(10)	Domain	The age of the asset in years. Only fill this out if the “InstallationYear” and “InstallationDate” values are unknown. Possible values: 0-9	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
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	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	StationID	Station ID	text(50)	PK	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	Yes	We mapped StationID to our Serial_Num.			Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3	AssetType	Asset Type	text(30)		Type of point asset. Required field: Weather station	Yes	We don't have this field in feature class but it was populated according to your guidelines.			Yes
4	MakeandManufacturer	Make and Manufacturer	text(30)		What is the make and manufacturer of the asset? Enter “Unknown” if this cannot be determined.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
6	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset intersects. Possible values: Tier 3	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
12	EstimatedAge	Estimated Age	text(10)	Domain	“InstallationYear” and “InstallationDate” values are unknown. Possible values: 0-9 10-19	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes

13	UsefulLifespan	Useful Lifespan	integer	The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
14	WeatherStationURL	Weather Station URL	text(255)	Website address for weather station information (if publicly available).	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	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. Therefore, it was repopulated.			Yes
16	AssetLongitude	Asset Longitude	float	Longitude coordinate of asset (in decimal degrees).	Yes	We do have this field as 'double'. In your .gdb it's a float. Therefore, it was repopulated.			Yes

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

Line	Transmission Line								
Column	Field Name	Alias	Data Type	Charateristic	Description	Data provided in latest submission? (Yes/ No)	Availability Explanations	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
1	CircuitID	Circuit ID	text(50)	PK	Unique ID for a specific circuit. It should be a traceable stable ID within the utility's operations/processes. Primary key enabling connection to the "Transmission Line Detail" table.	Yes	We don't have this field populated in our system, however was extracted from CircuitName.			Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	Yes	We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			Yes
3	LineClass	Line Class	text(30)		Classification of line asset. Required value: Transmission	Yes	We don't have this field in feature class but it was populated according to your 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	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	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	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	Yes
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, CalPeco will provide requested information in GIS format by 12/2020	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) Other – See comment.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
13	ConductorMaterialComment	Conductor Material Comment	text(30)		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
14	ConductorSize	Conductor Overall Diameter (inches)	float		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
15	ConductorOD	Conductor Code Name	text(30)		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
16	ConductorCodeName	Terminal 1	text(50)		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, CalPeco will provide requested information in GIS format by 12/2020	Yes
17	Terminal1	Terminal 2	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
18	Terminal2	Terminal 3	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, CalPeco will provide requested information in GIS format by 12/2020	Yes
19	Terminal3				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, CalPeco will provide requested information in GIS format by 12/2020	Yes

		Terminal 4	text(50)							
20	Terminal4					No				
		Terminal 5	text(50)		Substation name of fourth terminal.					
21	Terminal5					No				
		Terminal(s)	text(50)		Substation name of fifth terminal.					
22	Terminal(s)					No				
		Last Inspection Date	date		Substation name of other terminals.					
23	LastInspectionDate					No				
		Last Maintenance Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.					
24	LastMaintenanceDate					No				
		Installation Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.					
25	InstallationDate					No				
		Installation Year	integer		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.					
26	InstallationYear					No				
		Estimated Age	text(10)	Domain	Year of asset installation. Use four digits. Enter “-99” if unknown. are unknown. Possible values: 0-9 10-19 20-29					
27	EstimatedAge					No				
		Useful Lifespan	integer		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.					
28	UsefulLifespan					No				
		Ampacity Rating (A)	float		Nominal ampacity rating of the conductor, in amperes).					
29	AmpacityRating					No				
		Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown					
30	Greased					No				

Line	Primary Distribution Line									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
		Circuit ID	text(50)	PK	Unique ID for a specific circuit. It should be a traceable stable ID within the utility’s operations/processes. Primary key enabling connection to the “Primary Distribution Lines Detail” table.					
1	CircuitID					Yes	We mapped CircuitID to our FeederID			Yes
		Utility ID	text(30)				We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			
2	UtilityID					Yes				Yes
		Line Class	text(30)		Standardized identification name of the utility (“UtilityG&E,” etc.).		We don't have this field in feature class but it was populated according to your guidelines.			
3	LineClass					Yes				Yes
		Circuit Name	text(255)		Classification of line asset. Required value: Primary distribution					
4	CircuitName					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		County	text(150)		Name of circuit associated with asset.					
5	County					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Type	text(10)	Domain	County in which asset is located. If the line crosses multiple counties, list all counties separated by commas. Type of conductor. Possible values: Bare Covered		We mapped ConductorType to our Comments field where we indicate 'WMP' for conductor that's covered.			Yes
6	ConductorType					Yes				
		Asset OH or UG	text(30)	Domain	Is the asset overhead or underground? Possible values: Overhead Underground		We don't have a field for OH or UG. Our Primary OH/UG distribution lines are in two separate feature classes. The field			Yes
7	AssetOHUG					Yes				
		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.					
8	NominalVoltagekV					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes

	Operating Voltage (kV)	float								
9 OperatingVoltagekV					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
	Substation ID	text(50)	FK	Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.						
10 SubstationID					No					
	Substation Name	text(50)		ID of substation associated with asset. Foreign key to the Substation table.						
11 SubstationName					No					
	Conductor Material	text(50)	Domain	Name of substation associated with asset. Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other – See comment.						
12 ConductorMaterial					Yes	We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.				Yes
	Conductor Material Comment	text(50)								
13 ConductorMaterialComment					No					
	Conductor Size	text(30)		Conductor material not listed in the options above.						
14 ConductorSize					Yes	We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.				Yes
	Conductor Overall Diameter (inches)	float		Size of conductor (e.g. No. 4 Cu or 1/0 ACSR).						
15 ConductorOD					No					
	Conductor Code Name	text(30)		Overall diameter of the conductor in inches.						
16 ConductorCodeName					No					
	Last Inspection Date	date		Codename of the conductor. For example, "Lapwing," "Sparrow," etc.						
17 LastInspectionDate					No					
	Last Maintenance Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
18 LastMaintenanceDate					No					
	Installation Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
19 InstallationDate					No					
	Installation Year	integer		Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
20 InstallationYear					Yes	We mapped InstallationYear to our InstallYear				Yes
	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 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)						
21 EstimatedAge					No					
	Useful Lifespan	integer								
22 UsefulLifespan					No					
	Ampacity Rating (A)	float		The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.						
23 AmpacityRating					No					
				Nominal ampacity rating of the conductor, in amperes).						

		Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown					
	24 Greased					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
Line	**Secondary Distribution Line**									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
		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 "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.					
	1 CircuitID					Yes	We mapped CircuitID to our FeederID			Yes
		Utility ID	text(10)				We don't have this field in feature class but it was populated as 'LIBERTY' according to your guidelines.			
	2 UtilityID					Yes				Yes
		Line Class	text(30)		Standardized identification name of the utility ("UtilityG&E," etc.).		We don't have this field in feature class but it was populated according to your guidelines.			
	3 LineClass					Yes				Yes
		Circuit Name	text(255)		Classification of line asset. Required value: Secondary distribution					
	4 CircuitName					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		County	text(150)		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.					
	5 County					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Type	text(30)	Domain	County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.					
	6 ConductorType				Type of conductor. Possible values: Open wire Triplex Other – See comment.	No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Type Comment	text(30)							
	7 ConductorTypeComment					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Asset OH or UG	text(30)	Domain	Conductor type not listed in the options above.					
	8 AssetOHUG				Is the asset overhead or underground? Possible values: Overhead Underground Unknown	Yes	We don't have a field for OH or UG. Our Primary OH/UG distribution lines are in two separate feature classes. The field was populated manually.			
		Nominal Voltage (kV)	float							Yes
	9 NominalVoltagekV				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, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Operating Voltage (kV)	float							
	10 OperatingVoltagekV					Yes	We mapped AssociatedOperatingVoltagekV to Operating Voltage (domain field). Some are missing values. 10=120V; 20=120/208V; 30=120/240V; 50=277/480V	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation ID	text(50)	FK	Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Enter "-99" if N/A.					
	11 SubstationID					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Substation Name	text(50)		ID of substation associated with asset. Foreign key to the Substation table.					
	12 SubstationName					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Material	text(50)	Domain	Name of substation associated with asset. Conductor material. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other – See comment.					
	13 ConductorMaterial					Yes	We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.			Yes
		Conductor Material Comment	text(50)							
	14 ConductorMaterialComment					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Size	text(30)		Conductor material not listed in the options above.					
	15 ConductorSize					Yes	We mapped ConductorMaterial to CondMatl in our separate ConductorInfo table that's related to our OH/UG lines.			Yes
		Conductor Overall Diameter (inches)	float		Size of conductor (e.g. No. 4 Cu or 1/0 ACSR).					
	16 ConductorOD					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
		Conductor Code Name	text(30)		Overall diameter of the conductor in inches.					
	17 ConductorCodeName					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes
					Codename of the conductor. For example, "Lapwing," "Sparrow," etc.					

	Last Inspection Date	date								
18 LastInspectionDate					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	
				Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
	Last Maintenance Date	date								
19 LastMaintenanceDate					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	
				Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
	Installation Date	date								
20 InstallationDate					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	
				Date the asset was installed. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.						
	Installation Year	integer				We mapped InstallationYear to our InstallYear				
21 InstallationYear				Year of asset installation. Use four digits. Enter "-99" if unknown.	Yes				Yes	
	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						
22 EstimatedAge				50-59 60-69 70-79 80-89 90-99 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No					
	Useful Lifespan	Integer								
23 UsefulLifespan					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	
				The number of years an asset is expected to have a useful functioning existence upon initial installation. Use -99 for unknown.						
	Ampacity Rating (A)	float								
24 AmpacityRating					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	
				Nominal ampacity rating of the conductor, in amperes).						
	Greased	text(10)	Domain	Is the conductor greased to prevent water intrusion? Possible values: Yes No Unknown						
25 Greased					No	Currently, we don't have this field populated in our system.	We will consult LU WSD team	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020	Yes	

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

Table **PSPS Event Log**

Column	Field Name	Alias	Data Type	Charateristic	Description	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	Data procurement actions	Estimated delivery timeframe	Confidential? (Yes/No)
1	EventID	Event ID	text(50)	PK	A unique standardized identification name of the unique event. Primary key enabling connection to PSPS event feature classes.				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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

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.				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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
10	EOCActivationDate	EOC Activation Date	date		Date IOU's emergency operation center (EOC) was activated 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
14	AllClearDate	All Clear Date	date		Date the weather event precipitating the PSPS event cleared the area, and the utility began inspection and restoration efforts. Must be in YYYY-MM-DD format. Do not include time.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
16	AllLoadUpDate	All Load Up Date	date		Date last customer was fully restored following the PSPS event. Must be in YYYY-MM-DD format. Do not include time.	Yes	Yes	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.				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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
21	TotalCustomerMinutes	Total Customer Minutes	integer	"ActualDurationMinutes" multiplied by "TotalCustomers". This field features total customer minutes impacted across the circuit.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
22	TotalCustomerHours	Total Customer Hours	integer	"TotalCustomerMinutes" divided by 60. This field features total customer hours impacted across the circuit.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
24	ResidentialCustomers	Residential Customers	integer	Total residential customers.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
25	MedicalBaselineCustomers	Medical Baseline Customers	integer	Total medical baseline customers.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

26	CommercialIndustrialCustomers	Commercial Industrial Customers	integer		Total commercial/industrial customers.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	Liberty CalPeco does not have an accurate "other customer" 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All available data of Critical Infrastructure will be provided but data may be incomplete.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	Yes	Yes	No	Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All available data of Critical Infrastructure will be provided but data may be incomplete.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
30	CriticalInfrastructureImpact	Critical Infrastructure Impact	integer		"CriticalInfrastructure" multiplied by "CriticalInfrastructureDuration". This field features the total PSPS impact on critical infrastructure.	Yes	Yes	No	Liberty CalPeco continues to work with local agencies and stakeholders to update Critical Infrastructure data. All available data of Critical Infrastructure will be provided but data may be incomplete.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
31	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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
32	WindRisk	Wind Risk	text(3)	Domain	Was high wind a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
33	RelativeHumidityRisk	Relative Humidity Risk	text(3)	Domain	Was low relative humidity a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
34	TemperatureRisk	Temperature Risk	text(3)	Domain	Was high temperature a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

35	VegetationRisk	Vegetation Risk	text(3)	Domain	Was a higher probability of vegetation interference a driving risk factor in the PSPS decision? Possible values: Yes No				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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
36	AssetRisk	Asset Risk	text(3)	Domain	Was a higher probability of asset failure a driving risk factor in the PSPS decision? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
37	DeadFuelRisk	Dead Fuel Risk	text(3)	Domain	Was a high presence of dead fuel a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	In the event of a PSPS, Liberty CalPeco tracks this information but id does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
38	LiveFuelRisk	Live Fuel Risk	text(3)	Domain	Was a high presence of live fuel a driving risk factor in the PSPS decision? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
39	RedFlagWarningRisk	Red Flag Warning Risk	text(3)	Domain	Was the presence of a Red Flag Warning risk day a driving factor in the PSPS decision? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
40	OtherRisk	Other Risk	text(3)	Domain	Was some other form of risk (not covered by the fields above) a driving risk factor in the PSPS decision? Possible values: Yes No	Yes	Yes	No	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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
41	OtherRiskReason	Other Risk Reason	text(100)		Brief description of what the "OtherRisk" category is if there is a "Yes" value under the "OtherRisk" field. Possible example statements include things like "vehicle collision," "reported ignition," etc. Enter "N/A" if the value for "OtherRisk" is "No."	Yes	Yes	No	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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

Line	**PSPS Event Line**											
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**			**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	PspsEventLineID	PSPS Event Line ID	text(50)	PK	An underscore delimited concatenation of "EventID"+"_"+"CircuitID." Primary key for the PSPS Event Line 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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
3	CircuitID	Circuit ID	text(50)	FK	A unique standardized identification name of the circuit that was de-energized. Foreign key to all the related asset line tables.	Yes	Yes	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

Polygon	PSPS Event Polygon										
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	PspsEventPolygonID	PSPS Event Polygon ID	text(50)	PK	Primary key for PSPS Event Polygons.				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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
3	CircuitID	Circuit ID	text(50)	FK	A unique standardized identification name of the circuit that was de-energized. Foreign key to all the related asset line tables.	Yes	Yes	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

Point	PSPS Event Customer Meter Point											
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	PspsEventMeterID	PSPS Event Meter ID	text(50)	PK	An underscore delimited concatenation of "EventID"+"_"+"AssetID." Primary key for the PSPS Event Customer Meter Point.				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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	Yes	No	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 undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
3	AssetID	Circuit ID	text(50)	FK	Unique ID for a specific meter. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the Meter table.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No
6	County	County	text(150)		County in which asset is located. If the line crosses multiple counties, list all counties separated by commas.	Yes	Yes	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	No

Point	PSPS Event Damage Point											
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	DamageEventID	Damage Event ID	text(50)	PK	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.					Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	FuelBedDescription	Fuel Bed Description	text(150)	Domain	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.). Other – See comment.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	FuelBedDescriptionComment	Fuel Bed Description Comment	text(150)		Fuel bed description not listed in the options above.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the asset damage point intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	Latitude	Latitude	float		Latitude of point in decimal degrees.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

	9 Longitude	Longitude	float		Longitude of point in decimal degrees.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	PSPS Event Conductor Damage Detail											
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 PspsCdID	PSPS Conductor Damage ID	text(50)	PK	Primary key for the PSPS Event Conductor Damage Detail table.							
	2 DamageEventID	Damage Event ID	text(50)	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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	5 AssetID	Asset ID	text(50)	FK	Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the related asset point tables.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	6 Asset	Asset	text(10)		Specific type of asset that is damaged. Required value: Conductor	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	7 NominalVoltagekV	Nominal 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	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

8 OperatingVoltageKV	Operating Voltage (kV)	float		Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
9 FromDevice	From Device	text(50)	FK	The upstream support structure asset ID. Foreign key to the related asset point tables. AKA AssetID.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11 FeederID	FeederID	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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) Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13 ConductorMaterialComment	Conductor Material Comment	text(50)			No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14 ConductorType	Conductor Type	text(10)	Domain	Conductor material not listed in the options above. Type of conductor. Possible values: Bare Covered Unknown	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15 ConductorLength	Conductor Length (feet)	float		Conductor length in feet based on GIS data.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

16 FailedEquipmentDescription	Failed Equipment Description	text(100)		Equipment that contributed to the conductor damage. Write “Unknown” or “N/A” as appropriate.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
17 ExternalForceDescription	External Force Description	text(100)		Force responsible for causing the conductor damage.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
18 SubstationName	Substation Name	text(50)		Name of substation associated with asset.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
19 SubstationID	Substation ID	text(50)		ID of substation associated with asset. Foreign Key to the Substation table.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
20 SubstationType	Substation Type	text(10)	Domain	Type of substation. Possible values: Radial Loop Network	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
21 Cause	Cause	text(30)	Domain	High-level category for PSPS event cause. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
22 CauseComment	Cause Comment	text(30)		Cause category not listed in options above.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

24	ManufacturerModelID	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 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 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
25	InstallationDate	Installation Date	date			No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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 >100 Unknown N/A (only enter this if there is an "InstallationYear" value)	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
28	UsefulLifespan	Useful Lifespan	integer		The number of years an asset would have been expected to have a useful functioning existence prior to damage. Use -99 for unknown.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
29	LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
30	DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure Veg contact Object contact	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
31	DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken conductor Damaged conductor Kite in line Pine needles on line Tree bark on line Tree branch on line Tree leaning into line Tree leaning toward line Wire-to-wire contact Other – See comment.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

32	DamageDescriptionComment	Damage Description Comment	text(30)		Damage category not listed in the options above and/or additional relevant details about damage	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	PSPS Event Support Structure Damage Detail											
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	PspsSsdID	PSPS Support Structure ID	text(50)	PK	Primary key for the PSPS Event Support Structure Damage Detail table.							
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's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	AssetID	Asset ID	text(50)	FK	Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the related asset point tables.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	Asset	Asset	text(30)	Domain	Specific type of asset that is damaged. This list of dropdown menu items should be modified by each IOU to cover the assets most likely to be involved in PSPS damage. Possible values: Pole Tower Crossarm Secondary arms Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	AssetComment	Asset Comment	text(30)		Asset not listed in the options above.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	FederID	Circuit ID	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

9	NominalVoltageKV	Nominal Voltage (kV)	float								Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
11	SupportStructureMaterial	Support Structure Material	text(30)	Domain	Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A. Material of which support structure is made. Possible values: Wood Metal Composite Wrapped wood Concrete Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
12	MaterialComment	Material Comment	text(30)		Support structure material not listed in the options above.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
13	ManufacturerModelID	Manufacturer Mode lID	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 reviewed by other IOU staff after data collection and filled in from existing databases or other sources if possible.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
14	InstallationDate	Installation Date	date			No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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 "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	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Yes	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
18	LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
19	DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure Veg contact Object contact	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
20	DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken pole Damaged pole Broken tower Damaged tower Broken crossarm Damaged crossarm Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
21	DamageDescriptionComment	Damage Description Comment	text(30)		Damage category not listed in the options above and/or additional relevant details about damage	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	PSPS Event Other Asset Damage Detail											
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	PspsOadID	PSPS Other Asset Damage ID	text(50)	PK	Primary key for the PSPS Event Other Asset Damage Detail table.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4 EstimatedTimeofDamage	Time of Damage	date		Estimated time damage occurred. Must be in the "hh:mm:ss" format.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5 AssetID	Asset ID	text(50)	FK	Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes. Foreign key to the related asset point tables.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6 Asset	Asset	text(30)	Domain	Specific type of asset that is damaged. This list of dropdown menu items should be modified by each IOU to cover the assets most likely to be involved in PSPS damage. Possible values: Down guy Neutral Service neutral Span guy Tie wire Wood pin Anchor Other – See comment.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7 AssetComment	Asset Comment	text(30)		Asset not listed in the options above.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8 FeederID	Circuit ID	text(50)	FK	Circuit/feeder ID for the damaged span of line. Foreign to the related asset line tables.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9 NominalVoltageKV	Nominal Voltage (kV)	float			No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
				Operating voltage (in kilovolts) of conductor. Do not use more than two decimal places. Enter "-99" if N/A.	No	Yes	No		Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format			Yes

11	ManufacturerModelID	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 reviewed by other IOU staff after data collection and filled in from existing databases or other sources if possible.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	InstallationYear	Installation Year	integer		Year of asset installation. Use four digits. Enter "-99" if unknown.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15	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.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
16	ExemptionStatus	Exemption Status	text(10)	Domain	Is the asset exempt per California Public Resources Code (PRC) 4292? PRC 4292 requires clearance around support structures on which certain equipment is mounted in certain areas. This field that may be most efficiently filled out by IOU technical staff after field collection. Possible values: Yes No Unknown N/A	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
17	LikelyArcing	Likely Arcing	text(10)	Domain	Was arcing likely because of the damage? Possible values: Yes No Unknown	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
18	DamageType	Damage Type	text(30)	Domain	Type of damage sustained. Possible values: Asset damage Asset failure Equipment damage Equipment failure Veg contact Object contact	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

19	DamageDescription	Damage Description	text(30)	Domain	Description of damage. Possible values: Broken down guy Broken hand tie Broken neutral Broken service neutral Broken guy wire Broken tie wire Broken tree branch near line Broken pin Broken insulator Damaged crossarm Guy and anchor damage Tree branch on transformer Other – See comment.	No	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
20	DamageDescriptionComment	Damage Description Comment	text(30)		Damage category not listed in the options above and/or additional relevant details about damage								Yes

Table	**PSPS Damage 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	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. For example, "UtilityG&E_AB_PspsDamage_20200703_1.png".					Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
2	FuelBedPhotoID	Fuel Bed Photo ID	text(100)	PK	Number or other label for a photo of the fuel bed below the damaged asset that enables the point to be linked to GIS data. If more than one photo is taken, enter additional IDs with separation commas. A primary key for the "PSPS Damage Photo Log" table.	Yes	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	DamageEventID	Damage Event ID	text(100)	FK	Foreign key to the damage point tables.	Yes	Yes	No	Liberty CalPeco currently follows CAL FIRE PSPS damage data guidance standards when collecting PSPS damage data. This data can be provided but may take more than 10 days to migrate to data schema format	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

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Point **Wire Down Event**

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	WireDownID	Wire Down ID	text(50)	PK	Unique ID for the wire down event. Primary key for the Wire Down Point table.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
3	WireDownDate	Wire Down Date	date		The start date of the wire down event. Use YYYY-MM-DD format. Leave blank if unknown.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
4	WireDownYear	Wire Down Year	integer		The year that the risk event occurred. Use four digits.	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
5	SuspectedWireDownCause	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
6	SuspectedWireDownCauseComm	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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 Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
11	AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

14	MaxSplices	Maximum Splices	integer		The maximum number of splices in an individual phase conductor involved in the wire down event.	No	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
15	MultipleDown	Multiple Down	text(3)	Domain	Was more than one span of conductors impacted by the wire down event? Possible values: Yes No	No	Outage data is not tracked at this level.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
16	ConductorMaterial	Conductor Material	text(50)	Domain	Material of the conductor involved in the wire down event. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Other – See comment.	No	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
17	ConductorMaterialComment	Conductor Material Comment	text(50)		Conductor material description not listed in the options above.	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
18	ConductorSize	Conductor Size	text(30)		Size (e.g. No. 4, 1/0, etc.) of the conductor involved in the incident, in AWG or KCMIL.	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
20	ConductorCodeName	Conductor Code Name	text(30)		The code name of the conductor involved in the wire down event. For example, Lapwing, Sparrow, Merlin, etc.	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
21	ConductorRating	Conductor Rating	float		The nominal ampacity rating of the conductor involved in the wire down event, in amperes.	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
22	OutageStatus	Outage Status	text(3)	Domain	Was there an outage associated with the event? Possible values: Yes No	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

23	ToutageID	Transmission Outage ID	text(50)	FK	A unique ID for the transmission outage event. Foreign key to the Transmission Outages table.	No	Outage data is tracked at the total Transmission & Distribution level with no separate ID distinguishing from T&D corcuits.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
24	DoutageID	Distribution Outage ID	text(50)	FK	A unique ID for the distribution outage event. Foreign key to the Distribution Outages table.	No	Outage data is tracked at the total Transmission & Distribution level with no separate ID distinguishing from T&D corcuits.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
26	IgnitionStatus	Ignition Status	text(3)	Domain	Was there an ignition associated with the wire down event? Possible values: Yes No	No		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
27	WireDownNotes	Wire Down Notes	text(100)		Additional information or notes available for the wire down event and not captured in other fields.	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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		Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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 completion in late 2021.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

Point	**Ignition**									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	IgnitionID	Ignition ID	text(50)	PK	Unique ID for the ignition event. Primary key for the Ignition Point table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
3	FireStartTime	Fire Start Time	date		The start time of the event. Must be in the "hh:mm:ss" format.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
4	FireStartDate	Fire Start Date	date		The start date of the event. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
5	FireStartYear	Fire Start Year	Integer		The year that the risk event occurred. Use four digits.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
6	FireDetectionMethod	Fire Detection Method	text(30)	Domain	The method by which the utility first learned of the ignition event. Possible values: Public Satellite Camera Utility staff Fire agency Other – Comment.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
7	FireDetectionMethodComment	Fire Detection Method Comment	text(30)		Fire detection method description not listed in the options above.	No	No ignition events this year			
8	SuspectedInitiatingCause	Suspected Initiating Cause	text(30)	Domain	The suspected initiating event of the ignition. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other – See comment.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
9	SuspectedInitiatingCauseComme	Suspected Initiating Cause Comment	text(30)		Suspected initiating event of the ignition cause description not listed in the options above.	No	No ignition events this year			
10	ObjectContact	Object Contact	text(30)	Domain	Description of object involved in contact if "Object contact" is value of "SuspectedInitiatingEvent". If "Object contact" is not the value of "SuspectedInitiatingEvent," then enter N/A for this field. Possible values: Vegetation contact Animal contact Balloon contact Vehicle contact - car pole Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

11	EquimentFailure	Equiment Failure	text(30)	Domain	Description of equipment involved in ignition, if “Equipment failure” is value of “SuspectedInitiatingEvent”. If “Equipment failure” is not the value of “SuspectedInitiatingEvent,” then enter N/A for this field. Possible values: Anchor/ guy Capacitor bank Conductor Connector device Crossarm Fuse Insulator and bushing Lightning arrestor Pole Recloser Relay Sectionalizer Splice Switch Tap Tie wire Transformer Voltage regulator/ booster Unknown Other – See comment. N/A	No	No ignition events this year	Data pulled from outage database above	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
13	AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
14	SubstationID	Substation ID	text(50)	FK	Unique ID of the substation supplying the involved circuit. Foreign key to Substation table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
15	SubstationName	Substation Name	text(50)		Name of the substation supplying the involved circuit.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
16	OtherCompanies	Other Companies	text(50)		Affected companies from the event.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
17	EquipmentType	Equipment Type	text(30)	Domain	The type of equipment involved in the ignition event. Possible values: Overhead Pad-mounted Subsurface	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
19	DeterminationComment	Determination Comment	text(50)		Determination entity description not listed in the options above.	No	No ignition events this year		
20	FacilityContacted	Facility Contacted	text(50)	Domain	The first facility that was contacted by an outside object. Only to be used if “Object contact” is selected as “SuspectedInitiatingEvent”. Possible values: Electric Facility Pole Communication Facility	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

21	ContributingFactor	Contributing Factor	text(30)	Domain	Factors suspected as contributing to the ignition. Possible values: Weather External Force Human Error Other – See comment Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
22	ContributingFactorComment	Contributing Factor Comment	text(30)		Contributing factor description not listed in the options above.	No	No ignition events this year		
23	RFWStatus	Red Flag Warning Status	text(3)	Domain	Was there a red flag warning (RFW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
24	RFWIssueDate	Red Flag Warning Issue Date	date		The date on which the NWS issued the RFW in effect at the ignition location at the time of the ignition event. Leave blank if there was no RFW in effect at the time of ignition at the ignition location. Also leave blank if unknown. Use YYYY-MM-DD format.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
25	RFWIssueTime	Red Flag Warning Issue Time	date		The time at which the NWS issued the RFW in effect at the ignition location at the time of the ignition event. Leave blank if there was no RFW in effect at the time of ignition at the ignition location. Must be in the "hh:mm:ss" format.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
26	FWWStatus	Fire Weather Watch Status	text(3)	Domain	Was there a fire weather watch (FWW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
29	HWWStatus	High Wind Warning Status	text(3)	Domain	Was there a high wind warning (HWW) issued by the National Weather Service (NWS) in effect at the ignition location at the time of ignition? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
32	OriginLandUse	Origin Land Use	text(10)	Domain	Status of land at origin of ignition. Possible values: Rural Urban	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

33	MaterialAtOrigin	Material At Origin	text(30)	Domain	Fuel material for the ignition origin. Possible values: Vegetation Structure Other – See comment	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
34	MaterialAtOriginComment	Material At Origin Comment	text(30)		Material at origin description not listed in the options above.	No	No ignition events this year		
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	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
36	FuelBedDescriptionComment	Fuel Bed Description Comment	text(100)		Fuel bed description not listed in the options above.	No	No ignition events this year		
37	FireSize	Fire Size	text(30)	Domain	Size, in acres unless otherwise indicated, of fire resulting from the ignition. Possible values: Structure-only <3 meters of linear travel <0.25 0.26-9.99 100-299 300-999 1,000-4,999 >5,000 Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
38	SuppressedBy	Suppressed By	text(30)	Domain	Entity responsible for suppressing ignition. Possible values: Customer Fire agency Self-extinguished Utility Unknown	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
39	SuppressingAgency	Suppressing Agency	text(30)		If the “SupressedBy” is “Fire Agency”, enter the fire department name.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
40	FireInvestigation	Fire Investigation	text(30)	Domain	Whether the fire authority having jurisdiction investigated the ignition and the status of the investigation. Possible values: Yes – Complete Yes – Pending No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
41	FireAHJ	Fire AHJ	text(100)		If there was an investigation of the ignition by a fire authority having jurisdiction, enter the fire agency name.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
42	OutageStatus	Outage Status	text(3)	Domain	Was there an outage associated with the event? Possible values: Yes No	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
43	ToutageID	Transmission Outage ID	text(50)	FK	A unique ID for the transmission outage event. Foreign key to the Transmission Outages table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
44	DoutageID	Distribution Outage ID	text(50)	FK	A unique ID for the distributoin outage event. Foreign key to the Distribution Outages table.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

45	IgnitionNotes	Ignition Notes	text(100)		Additional information regarding the ignition event. All additional data fields collected by the utility that are not included in this ignition schema shall be included in this field.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
46	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the ignition event intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
47	City	City	text(50)		City in where the ignition event is located.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
48	County	County	text(50)		County in where the ignition event is located.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
49	District	District	text(100)		Operating district where the ignition occurred.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
50	Latitude	Latitude	float		Latitude of event point in decimal degrees.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
51	Longitude	Longitude	float		Longitude of event point in decimal degrees.	No	No ignition events this year	Liberty CalPeco will track this level of detail for future use in the event of an ignition	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

Point	**Transmission Outage**									
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	ToutageID	Transmission Outage ID	text(50)	PK	The unique ID for outage event. Primary key for 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	
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 outage. Not more than two decimal places.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
10	CustomersOutMomentary	Customers Out Momentary	integer		Total number of unique customers that experienced 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	CustomersOutSustained	Customers Out Sustained	integer		Total number of unique customers that experienced an outage lasting longer than 5 minutes.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
12	CustomerCount	Customer Count	integer		The total number of customers impacted by the outage.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
13	OutageInterval	Outage Interval	text(30)	Domain	Indication of whether the subject outage was momentary (i.e. 5 minutes or less) or sustained (i.e. longer than 5 minutes). Possible values: Momentary Sustained	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
14	AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
15	AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
16	OtherCompanies	Other Companies	text(150)		Affected companies from the event.	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
17	OutageClass	Outage Class	text(30)		The class of circuit involved in the outage. Possible Values: Transmission	No		All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

18	SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
19	RecloserSetting	Recloser Setting	text(30)	Domain	If the subject circuit is equipped with reclosing capabilities, indicate whether the reclose function was enabled or disabled at the time of the outage. If the subject circuit is not equipped with reclosing capabilities assign N/A. Possible values: Enabled Disabled N/A	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
20	IsolationDeviceType	Isolation Device Type	text(30)	Domain	Type of protective device that operated. Possible values: Circuit Breaker Fuse Lightning Arrestor Switch Other – See comment	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
21	IsolationDeviceTypeComment	Isolation Device Type Comment	text(30)		Isolation device type description not listed in the options above.	No	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	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
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 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
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	**Transmission VM Outage**									
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	TvmOutageID	Transmission VM Outage ID	text(50)	PK	The unique ID for outage caused by vegetation. Primary key for the Transmission VM Outages table.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info	
3	ToutageID	Outage ID	text(50)	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)	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
9	AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
10	AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
11	TreeSpecies	Tree Species	text(100)		Species of the subject tree involved in causing the outage.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
12	TreeHeight	Tree Height (feet)	int		Tree height estimation height of the subject tree involved in causing the outage, in feet.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
13	TreeDBH	Tree Diameter at Breast Height (Inches)	int		Tree diameter at breast height of the subject tree involved in causing the outage, in inches.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
14	TreeTrunkDistance	Tree Trunk Distance (feet)	int		Horizontal distance of the subject tree’s trunk from the impacted power lines, in feet.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info
15	VmOutageDescription	VM Outage Description	text(100)		Description or additional information for the VM outage event.	No	All GIS information is at the total company level and all transmission and distribution outages are shown in the distribution outage area	See distribution outage info	See distribution outage info

16	HFTDClass	HFTD Class	text(10)	Domain	The CPUC High Fire Threat District area that the VM outage event intersects. Possible values: Tier 3 Tier 2 Zone 1 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	**Distribution Outage**									
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	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	Event Year	integer		The year outage started. Use four digits.	No				
4	OutageStartDate	Outage Start Date	date		The date outage started. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No				
5	OutageStartTime	Outage Start Time	date		The time outage started. Must be in the “hh:mm:ss” format.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
6	OutageEndDate	Outage End Date	date		The date of full restoration.	No				
7	OutageEndTime	Outage End Time	date		The time of full restoration. 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, CalPeco will provide requested information in GIS format by 12/2020.	
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, CalPeco will provide requested information in GIS format by 12/2020.	
9	CMI	Total Customer-Minutes Interrupted	float		Total customer-minutes interrupted associated with the outage. Not more than two decimal places.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	

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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
16	OtherCompanies	Other Companies	text(150)		Affected companies from the event.	No			
17	OutageClass	Outage Class	text(30)		The class of circuit involved in the outage. Possible Values: Distribution	No			
18	SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No			
19	RecloserSetting	Recloser Setting	text(30)	Domain	If the subject circuit is equipped with reclosing capabilities, indicate whether the reclose function was enabled or disabled at the time of the outage. If the subject circuit is not equipped with reclosing capabilities assign N/A. Possible values: Enabled Disabled N/A	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
21	IsolationDeviceTypeComment	Isolation Device Type Comment	text(30)		Isolation device type description not listed in the options above.	No			
22	BasicCause	Basic Cause	text(30)	Domain	High-level category for event cause. Possible values: Object contact Equipment failure Wire-to-wire contact Contamination Utility work/Operation Vandalism/Theft Unknown Other – See comment.	No			
23	BasicCauseComment	Basic Cause Comment	text(30)		Basic cause description not listed in the options above.	No			
24	BasicCauseObject	Basic Cause Object	text(30)	Domain	Description of object involved in contact if “Object contact” is value of “BasicCause.” Possible values: Vegetation contact Animal contact Balloon contact Vehicle contact - car pole Vehicle contact - aircraft 3rd party contact (e.g. 3rd party tree trimmer) Unknown N/A	No			

25	BasicCauseObjectComment	Basic Cause Object Comment	text(30)		Basic cause object description not listed in the options above.	No			
26	DamagedDevice	Damaged Device	text(30)	Domain	The device type that failed or experienced damage which initiated the outage. Possible Values: Anchor/ guy Capacitor bank Conductor Connector device Crossarm Fuse Insulator and bushing Lightning arrestor Pole Recloser Relay Sectionalizer Splice Switch Tap Tie wire Transformer Voltage regulator/ booster Unknown Other – See comment. N/A	No			
27	DamagedDeviceComment	Damaged Device Comment	text(30)		Damaged device description not listed in the options above.	No			
28	ExpulsionFuseOperation	Expulsion Fuse Operation	text(3)		Did an expulsion fuse operate during the outage? Enter N/A if the subject circuit is not equipped with expulsion type fuses. Possible values Yes No N/A	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
29	OutageDescription	Outage Description	text(100)		Description or additional information for the outage.	No			
30	MED	Major Event Day	text(3)		If all outages on a certain date exceed a statistical limit called Major Event Day (MED), this flag is set against outages associated with that day and typically excluded from certain types of reports. Possible values Yes No	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
31	SupplementalCause	Supplemental Cause	text(50)		The supplemental cause of the outage.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
32	SupplementalCauseDescription	Supplemental Cause Description	text(100)		Please describe the supplemental cause of the outage.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
33	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the outage intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No			
34	LocationOrAddress	Location or Address	text(100)		Address or location description for the outage location.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
35	City	City	text(50)		City in where the outage event is located.	No			
36	County	County	text(50)		County in where the outage event is located.	No			
37	District	District	text(100)		Operating district where the outage event occurred.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
38	Latitude	Latitude	float		Latitude of event point in decimal degrees.	No			
39	Longitude	Longitude	float		Longitude of event point in decimal degrees.	No			

Point	Distribution VM Outage									
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	DvmOutageID	VM Outage ID	text(50)	PK	The unique ID for outage caused by vegetation. Primary key for the Distribution VM Outages table.	No				
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No				
3	DoutageID	Outage ID	text(50)	FK	Foreign key to the Distribution Outages table.	No				
4	EventYear	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. Leave blank if unknown.	No				
6	TimeOut	Time Out	time		The time outage started. Must be in the “hh:mm:ss” format.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
7	InspectionDate	Inspection Date	date		Date of inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No				
8	SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a specific asset class. Foreign key to Substation table.	No				
9	AssociatedNominalVoltagekV	Associated Nominal Voltage (kV)	float		Nominal voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
10	AssociatedOperatingVoltagekV	Associated Operating Voltage (kV)	float		Operating voltage (in kilovolts) associated with asset. Do not use more than two decimal places. Enter “-99” if N/A.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
11	TreeSpecies	Tree Species	text(100)		Species of the subject tree involved in causing the outage.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
12	TreeHeight	Tree Height (feet)	int		Tree height estimation height of the subject tree involved in causing the outage, in feet.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
13	TreeDBH	Tree Diameter at Breast Height (Inches)	int		Tree diameter at breast height of the subject tree involved in causing the outage, in inches.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
14	TreeTrunkDistance	Tree Trunk Distance (feet)	int		Horizontal distance of the subject tree’s trunk from the impacted power lines, in feet.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
15	VmOutageDescription	VM Outage Description	text(100)		Description or additional information for the VM outage event.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
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				
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, CalPeco will provide requested information in GIS format by 12/2020.	
18	City	City	text(50)		City in where the VM outage is located.	No				
19	County	County	text(50)		County in where the VM outage is located.	No				
20	District	District	text(100)		Operating district where the VM outage occurred.	No	Data not tracked at this level	Liberty CalPeco will track this level of detail for future reporting	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	
21	Latitude	Latitude	float		Latitude of event point in decimal degrees.	No				
22	Longitude	Longitude	float		Longitude of event point in decimal degrees.	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, CalPeco will provide requested information in GIS format by 12/2020.	

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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
10	DvmOutageID	Distribution VM Outage ID	text(50)	FK	The unique ID for outage caused by vegetation. Foreign key to the Distribution Vegetation Management Outage table.	No		No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
13	AssetID	Asset ID	text(50)	FK	Unique ID for asset point tables. Must be traceable stable ID within a specific asset class. Foreign key to all the associated asset point tables.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.
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, CalPeco will provide requested information in GIS format by 12/2020.
15	SubstationID	Substation ID	text(50)	FK	Unique ID for the source substation feeding the circuit impacted by the outage. Must be traceable stable ID within a substation. Foreign key to the Substation table.	No	Outage data is not tracked at this level and would require time to create an asset log.	No centralized database or personnel available to track and report the dat requirements for this table.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.

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_YYYYMMDD_PhotoNumber. For example, “UtilityG&E_AB_Ignition_20200703_1.png”. If more than one photo is taken, enter additional photo IDs with the duplicate risk event ID.	No				
2	IgnitionID	Ignition ID	text(50)	FK	“UtilityG&E_AB_Ignition_20200703_1.png”. If more than one photo is taken, enter additional photo IDs with the duplicate risk event ID.	No				
3	WireDownID	Wire Down ID	text(50)	FK	Foreign key to the Wire Down Event table.	No				

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Table	Vegetation Management Inspection 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	VmiLogID	VMI Log ID	text(50)	PK	Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Log table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
2	VmpLogID	VMP Log ID	text(50)	FK	Unique ID or job ID of a vegetation management project resulting from a vegetation management inspection. A Foreign key to the Vegetation Management Project table.	No	Liberty CalPeco 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
3	InspectionDate	Inspection Date	date		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.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	InpsectorName	Inpsector Name	text(50)		Inspector performing the vegetation management inspection.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	InspectionType	Inspection Type	text(30)	Domain	Initiative activities related to the vegetation management project which include, Assessing trees with the potential to strike Clearances – routine Clearances – enhanced Hazard trees Tree mortality Other – See comment	No	Liberty CalPeco does not track vegetation inspection data in this format, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
6	InspectionTypeComment	Inspection Type Comment	text(30)		Inspection type description not listed in the options above.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
7	InspectionStatus	Inspection Status	text(30)	Domain	The status of the initiative activity related to the vegetation inspection project which include, Planned In-progress Complete	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
8	InspectionQA	Inspection QA	text(3)	Domain	Has the inspection been checked for quality assurance? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
9	TreeTrimmingCount	Tree Trimming Count	integer		The number of trees identified for trimming from the vegetation management inspection.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	TreeTrimmingAcreage	Tree Trimming Acreage	float		The acreage of trees identified for trimming from the vegetation management inspection. Two decimal places	No	Liberty CalPeco does not track vegetation inspection 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

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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
12	InspectionMethod	Inspection Method	text(100)	Domain	Additional comments regarding the vegetation inspection project. The method(s) by which the asset inspection was conducted. Possible values: Drive by Walk out Aerial – drone Aerial – helicopter Remote sensing – Infrared/Thermal Remote sensing – LiDAR Other – See comment.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
13	InspectionMethodComment	Inspection Method Comment	text(50)			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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
14	InspectionTechnology	Inspection Technology	text(30)	Domain	Inspection method description not listed in the options above. The technology that an inspector uses for the vegetation management inspection. Possible values: Collector for ArcGIS Survey123 for ArcGIS Workforce for ArcGIS ArcGIS QuickCapture Other – See comment None	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
15	InspectionTechnologyComment	Inspection Technology Comment	text(30)			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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes

Point	**Vegetation Management Inspection Point**										
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	VmiID	VMI ID	text(50)	PK		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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		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 Point table.	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. In the meantime, CalPeco pl	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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 Management Inspection Log table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes

4	InspectionLocationOrAddress	Inspection Location Or Address	text(100)		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
5	ParcelAPN	Parcel APN	text(17)		Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. Use the format: ###-####-###-####. For example, 006-0144- 029-0000.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
6	TreeHealth	Tree Health	text(3)	Domain	Is the tree healthy? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
7	TreeSpecies	Tree Species	text(100)		Common name for species of tree.	No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
8	TreeHeight	Tree Height (feet)	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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
9	TreeDiameter	Tree Diameter (Inches)	int		Tree diameter at breast height (inches). 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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
10	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes

12	County	County	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
13	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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes

Line	Vegetation Management Inspection Line										
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**	
1	VmiID	VMI ID	text(50)	PK	Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Line table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes	
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes	
3	VmiLogID	VMI Log ID	text(50)	FK	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Log table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes	
4	InspectionLocationOrAddress	Inspection Location Or Address	text(100)		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes	

5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		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, CalPeco will provide requested information in GIS format by 12/2020.		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, CalPeco will provide requested information in GIS format by 12/2020.		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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes

Polygon	**Vegetation Management Inspection Polygon**									
Column	**Field Name**	**Alias**	**Data Type**	**Property**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	VmiID	VMI ID	text(50)	PK	Unique ID or job ID of a vegetation management inspection activity. Primary key for the Vegetation Management Inspection Polygon table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	VmiLogID	VMI LogID	text(50)	FK	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Log table.	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 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
4	InspectionLocationOrAddress	Inspection Location Or Address	text(100)		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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the management inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	HFTDClassComment	HFTDClassComment	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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, CalPeco will provide requested information in GIS format by 12/2020.	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, CalPeco will provide requested information in GIS format by 12/2020.	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	**Vegetation Management Project 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	VmpLogID	VMP Log ID	text(50)	PK		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
2	DateStart	Date Start	date		Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Log table.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
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	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
4	VmpStatus	Vegetation Management Project Status	text(30)	Domain	The completion date of the vegetation management project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time. Status of the vegetation management project. Possible Values: Complete In progress Planned Delayed Cancelled	No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
5	VmpStatusComments	Vegetation Management Project Status Comments	text(30)			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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
6	PersonInCharge	Person In Charge	text(50)		Additional comments regarding the status of the vegetation management project.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
7	CoastalRedwoodExemption	Coastal Redwood Exemption	text(3)	Domain	Name of the person in charge for the vegetation management project.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
8	EncroachPermit	Encroach Permit	text(3)	Domain	Coastal redwood exception to clearance being applied. Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
					Is an encroachment permit required for the vegetation management project? Possible values: Yes No					

9	EnvPermit	Environmental Permit	text(3)	Domain	Is special environmental permitting needed for the vegetation management project? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
10	EnvPermitProject	Environmental Permit Project	text(100)		Specific activity (e.g., timber harvest under an exemption) for which a permit was obtained.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
11	EnvPermitDocumentation	Environmental Permit Documentation	text(50)		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).	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
12	BMPApply	Best Management Practice Apply	text(3)	Domain	Do best management practices apply for the vegetation management project? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
13	AMMApply	Avoidance and Minimization Measures Apply	text(3)	Domain	Do avoidance and minimization measures apply to the vegetation management project? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
14	WoodManagement	Wood Management	text(3)	Domain	Is wood management needed for the vegetation management project? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
15	WoodManagementComments	Wood Management Comments	text(100)		Additional comments regarding wood management needs for the vegetation management project.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
16	LandDesignation	Land Designation	text(50)	Domain	The assigned designation of the land where the subject vegetation management project is scheduled. Possible values: Local Responsibility Area (LRA) State Responsibility Area (SRA) Federal Responsibility Area (FRA)	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes

17	RiparianArea	Riparian Area	text(3)	Domain	Is the vegetation management project located in a riparian area? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
18	CaltransProp	Caltrans Property	text(3)	Domain	Is the vegetation management project located on Caltrans property? 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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.		Yes
19	ProjectCategory	Project Category	text(50)	Domain	High-level category describing the nature of the vegetation management project. Possible values: Tree trimming Tree removal Fuel management Assessing trees with the potential to strike Other – See comment.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
20	ProjectCategoryComment	Project Category Comment	text(50)		Project category description not listed in the options above.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
21	TreeTrimCount	Tree Trim Count	integer		Number of trees listed for trimming in the vegetation management project.	No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco does not plan to track vegetation inspection data at this level.			Yes
22	TreeTrimAcreage	Tree Trim Acreage	float		Acreage of trees listed for trimming 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
23	TreeRemovalCount	Tree Removal Count	integer		Number of trees listed for removal in the vegetation management project.	No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco does not plan to track vegetation inspection data at this level.			Yes
24	TreeRemovalAcreage	Tree Removal Acreage	float		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes
25	TreeTrimCountActl	Tree Trim Count Actually	integer		Number of trees actually trimmed as part of the vegetation management project.	No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco does not plan to track vegetation inspection data at this level.			Yes
26	TreeTrimAcreageActl	Tree Trim Acreage Actually	float		Acreage of trees actually trimmed as part of the in the vegetation management project. Two decimal places	No	Liberty CalPeco does not track vegetation project data at this level, and does not currently have this data in the GIS.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.		Yes

27	TreeRemovalCountActl	Tree Removal 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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	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 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
29	VegetationTreatmentType	Vegetation Treatment Type	text(50)	Domain	Acreage of trees actually removed as part of the vegetation management project. Two decimal places 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.	Liberty CalPeco's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	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 multiple, list all separated by commas.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
31	DescriptionOfWork	Description Of Work	text(100)		Additional description of the vegetation management work.	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes

Point — **Vegetation Management Project Point**

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	VmpID	VMP ID	text(50)	PK	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's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	VmpLogID	VMP Log ID	text(50)	FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log 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's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
4	ProjectLocationOrAddress	Project Location Or Address	text(100)		Address or location description for tree location. Enter "N/A" if there is no address where the subject tree 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	ParcelAPN	Parcel APN	text(17)		Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record- keeping. Use the format: ###-####-###-####. For example, "006-0144-029-0000".	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	TreeID	Tree ID	text(50)		A unique ID associated with individual tree(s) within the scope of the vegetation management project.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes

7	TreeHealth	Tree Health	text(3)	Domain	Is the subject tree healthy? Possible values: Yes No	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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future inspections by 12/2020.	Yes
8	TreeHazard	Tree Hazard	text(3)	Domain	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	TreeSpecies	Tree Species	text(100)		Common name for tree species in scope for the vegetation management project.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	SpeciesGrowthRate	Species Growth Rate	text(30)	Domain	Generalized growth rate of the subject tree species. Possible values: Slow growing Moderately growing Fast growing	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	TreeHeight	Tree Height (feet)	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
12	TreeDiameter	Tree Diameter (inches)	int		Tree diameter at breast height (inches). 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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	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 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14	City	City	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15	County	County	text(50)		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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
16	District	District	text(100)		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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
17	Latitude	Latitude	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
18	Longitude	Longitude	float		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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Line	Vegetation Management Project Line									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	VmpID	WMP ID	text(50)	PK		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	VmpLogID	WMP Log ID	text(50)	FK	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's parent company, Algonquin, is undergoing an enterprise-wide roll out of an updated GIS platform that is currently expected for completion in late 2021. The updated GIS will use the same ESRI platform as WSD. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	HFTDClass	HFTD Class	text(10)	Domain	Address or location description for tree location. The CPUC High Fire Threat District (HFTD) area that the vegetation management project intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	HFTDClassComment	HFTDClassComment	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	City	City	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

8	County	County	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Operating district where the vegetation management project occurred.					

Polygon	Vegetation Management Project Polygon									
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	VmpID	VMP ID	text(50)	PK		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
					Unique ID or job ID of an initiative. Primary key for Vegetation Management Project Polygon table.					
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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Standardized identification name of the utility ("UtilityG&E," etc.).					
3	VmpLogID	VMP Log ID	text(50)	FK		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. In the meantime, CalPeco plans to provide the requested data requirements to the extent available by December 2020.	To the extent possible, CalPeco can begin to provide requested information in GIS format for future projects by 12/2020.	Yes
					Unique ID or job ID of an initiative. Foreign key to the Vegetation Inspection Project Log table.					
4	ProjectLocationOrAddress	Project Location Or Address	text(100)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Address or location description for tree location.					
5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the vegetation management project 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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					If the project line intersects multiple HFTD areas, list all of them here.					
7	City	City	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					City in where the vegetation management project is located.					
8	County	County	text(50)			No	Liberty CalPeco has this data in the existing VMS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					County in where the vegetation management project is located.					
9	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Operating district where the vegetation management project occurred.					

Table	Asset Inspection Log									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	AiLogID	AI Log ID	text(50)	PK		No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Unique ID or job ID of an asset inspection activity. Primary key for the Asset inspection table.					
2	VmpLogID	VMP Log ID	text(50)	FK		No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					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.					
3	InspectionStartDate	Inspection Start Date	date			No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					The date when an asset inspection began. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.					
4	InspectionEndDate	Inspection End Date	date		The date when an asset inspection was completed. If the asset inspection was started and completed on the same day, "InspectionStartDate" and "InspectionEndDate" will have the same value. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	PerformedBy	Performed By	text(30)	Domain	Who performed the asset inspection? Possible values: Utility staff Contractor Other – See comment	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	PerformedByComment	Performed By Comment	text(30)			No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Inspector description not listed in the options above.					
7	InpsectorName	Inpsector Name	text(50)			No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Inspector name for the asset management inspection.					
8	InspectionType	Inspection Type	text(30)	Domain	The type of asset inspection performed. Possible values: Patrol Detailed Pole loading Other – See comment.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	InspectionTypeComment	Inspection Type Comment	text(30)			No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
					Inspection type description not listed in the options above.					

10	InspectionQA	Inspection QA	text(3)	Domain	Has the inspection been checked for quality assurance? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	InspectionComments	Inspection Comments	text(100)		Additional comments related to the asset management inspection.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
12	ComplianceFinding	Compliance Finding	text(3)	Domain	Did the asset inspection result in the finding of any non-compliance issues? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	InspectionMethod	Inspection Method	text(100)	Domain	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 Other – See comment.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14	InspectionMethodComment	Inspection Method Comment	text(50)		Inspection method not listed in the options above—or multiple inspection methods listed in the options above. If multiple, list all values separated by commas.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15	InspectionTechnology	Inspection Technology	text(30)	Domain	The technology that an inspector uses for the asset inspection project. Possible values: Collector for ArcGIS Survey123 for ArcGIS Workforce for ArcGIS ArcGIS QuickCapture Other – See comment	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
16	InspectionTechnologyComment	Inspection Technology Comment	text(30)		Inspection technology not listed in the options above.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Point	**Asset Inspection Point**									
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	AiID	AI ID	text(50)	PK	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	AiLogID	AI Log ID	text(50)	FK	Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection table.	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	InspectionLocationOrAddress	Inspection Location Or Address	text(100)		Address or location description for the inspection location.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	ParcelAPN	Parcel APN	text(17)		Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. If the asset inspected does not intersect a parcel boundary, enter “N/A” for this field. Use the format: ###-####-###-####. For example, 006-0144-029-0000.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	City	City	text(50)		City in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	County	County	text(50)		County in where the asset inspection project is located.	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	District	District	text(100)		Operating district where the asset inspection project occurred.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	Latitude	Latitude	float		Latitude of event point in decimal degrees	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	Longitude	Longitude	float		Longitude of event point in decimal degrees.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Line	**Asset Inspection Line**									
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	**Data provided in latest submission? (Yes/ No)**	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	AiID	AI ID	text(50)	PK	Unique ID or job ID of an asset inspection activity. Primary key for the Asset inspection Line table.	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	AiLogID	AI Log ID	text(50)	FK	Unique ID or job ID of an asset inspection activity. Foreign key to the Asset inspection table.	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	InspectionLocationOrAddress	Inspection Location Or Address	text(100)		Address or location description for the inspection location.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
						Operating district where the asset inspection project occurred.					
Polygon	**Asset Inspection Polygon**										
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	AiID	AI ID	text(50)	PK		No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	3	AiLogID	AI 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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	4	ParcelAPN	Parcel APN	text(17)		Unique ID or job ID of an asset inspection activity. Foreign key to the Asset Inspection table. Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. If the asset inspected does not intersect a parcel boundary, enter “N/A” for this field. Use the format: ###-#####-###-####. For example, 006-0144-029-0000.	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the inspection intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
						Operating district where the asset inspection project occurred.					
Table	**Grid Hardening 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	GhLogID	GH Log ID	text(50)	PK		No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	2	AiLogID	AI Log ID	text(50)	FK	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.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	3	GhStatus	GH Status	text(30)	Domain	The status of the grid hardening activity. Possible values: Planned In progress Complete Cancelled	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	4	GhChangeOrder	GH Change Order	text(3)	Domain	Has a change order been requested for this grid hardening initiative since the approval of the utility's previous WMP? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	5	GhChangeOrderDate	GH Change Order Date	date		The date of when the change order was submitted. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	6	GhChangeOrderType	GH Change Order Type	text(100)	Domain	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	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	7	GhChangeOrderTypeComment	Gh Change Order Type Comment	text(100)		Change order type not listed above.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	8	DateStart	Date Start	date		The start date of the grid hardening project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	9	DateEnd	Date End	date		The completion date of the grid hardening project. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	10	LineDeenergized	Line Deenergized	text(3)	Domain	Lines need to be de-energized to perform the work. Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
	11	PersonInChargeName	Person In Charge Name	text(50)		Person in charge for the grid hardening project.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

12	PerformedBy	Performed By	text(30)	Domain	Who performed the grid hardening activity? Possible values: Utility staff Contractor Other – See comment.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	PerformedByComment	Performed By Comment	text(30)		Entity that performed grid hardening and is not listed in options above.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14	InitiativeActivity	Initiative Activity	text(100)		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 sectionalizing equipment Maintenance, repair, and replacement of connectors, including hotline clamps Other corrective action Pole replacement Pole reinforcement Transformer maintenance and replacement Transmission tower maintenance and replacement Undergrounding of electric lines and/or equipment Other – See comment.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15	InitiativeActivityComment	Initiative Activity Comment	text(50)		Initiative activity not listed in the options above.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
16	DescriptionOfGridHardening	Description Of Grid Hardening	text(100)		Additional description for the grid hardening work.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Point	**Grid Hardening Point**									
Column	**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	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Point table.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	GhLogID	GH Log ID	text(50)	FK	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	GridHardeningLocationOrAddress	Grid Hardening Location Or Address	text(100)		Address or location description for the grid hardening location.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	ParcelAPN	Parcel APN	text(17)		Assessor Parcel Number (APN), a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping. If the asset inspected does not intersect a parcel boundary, enter “N/A” for this field. Use the format: ###-####-###-####. For example, 006-0144-029-0000.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	ParcelAPN	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the grid hardening project 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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	City	City	text(50)		City in where the grid hardening project is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	County	County	text(50)		County in where the grid hardening project is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	District	District	text(100)		Operating district where the grid hardening project.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	Latitude	Latitude	float		Latitude of event point in decimal degrees	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	Longitude	Longitude	float		Longitude of event point in decimal degrees.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Point	**Grid Hardening Line**									
Column	**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	Unique ID or job ID of a grid hardening activity. Primary key for the Grid Hardening Line table. This ID is exactly same as the GhID for the Grid Hardening Log. This key also joins with the Primary key for the Grid Hardening Log table.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility (“UtilityG&E,” etc.).	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	GhLogID	GH Log ID	text(50)	FK	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	GridHardeningLocationOrAddress	Grid Hardening Location Or Address	text(100)		Address or location description for the grid hardening location.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

5	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the grid hardening project 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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	HFTDClassComment	HFTDClassComment	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	City	City	text(50)		City in where the grid hardening project is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	County	County	text(50)		County in where the grid hardening project is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	District	District	text(100)		Operating district where the grid hardening project.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	Initiative 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	AssetLogID	Asset Log ID	text(50)	PK	Unique ID and primary key for the Initiative Asset Log table.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	VmiID	VMI ID	text(50)	FK	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the amount of asset or circuit segments.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	VmpID	VMP ID	text(50)	FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Management Project Point, Line and Polygon tables. This value can be repeated based on the amount of asset or circuit segments.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	AiID	AI ID	text(50)	FK	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.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	GhID	GH ID	text(50)	FK	Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Point and Line tables. This value can be repeated based on the amount of asset or circuit segments.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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 key to all the related Asset Point tables.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	AssociatedAssetCount	Associated Asset Count	integer		The number of assets which are associated with the initiative activity.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	SubstationID	Substation ID	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 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	SubstationName	Substation Name	text(50)		Name of the substation supplying the circuit associated with the vegetation management project.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	CircuitID	Circuit ID	text(50)	FK	Unique ID for a specific line asset. Must be traceable stable ID within a specific asset class. Foreign key to the Asset Line tables.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	CircuitName	Circuit Name	text(255)		Name of the circuit associated with the vegetation management project.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
12	CircuitType	Circuit Type	text(30)		Circuit line type. Possible values: Transmission Line Primary Distribution Line Secondary Distribution Line Unknonwn	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	AssociatedCircuitLength	Associated Circuit Length (mile)	float		The length of circuits which are associated with the initiative activity (mile). Two decimal places.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14	Underbuild	Underbuild	text(3)	Domain	Are transmission lines also present on the subject structure? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
15	LineDeenergized	Line Deenergized	text(3)	Domain	Do the power lines need to be de-energized to perform the work? Possible values: Yes No	No	Liberty CalPeco has this data in the existing GIS but 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, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Table	Initiative 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	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”	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	PhotoBeforeID	Photo Before ID	text(100)	PK	ID for photo showing the initiative or inspection location prior to the project happening or a corrective action taking place. Primary key for the Initiative Photo Log table. Photo format: Geotagged JPEG or PNG. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, “UtilityG&E_AB_Initiative_20200703_1.png”	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	PhotoAfterID	Photo After ID	text(100)	PK	Illustration of the initiative or inspection after the corrective action. Primary key for the Initiative Photo Log table. Use format UtilityName_DistrictID_InspectorInitial_Initiative_YYYYMMDD_PhotoNumber. For example, “UtilityG&E_AB_Initiative_20200703_1.png”	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	VmpID	VMP ID	text(50)	FK	Unique ID or job ID of an initiative. Foreign key to the Vegetation Management Project Point, Line and Polygon tables. This value can be repeated based on the number of photos taken.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

5	VmiID	VMI ID	text(50)	FK	Unique ID or job ID of a vegetation management inspection activity. Foreign key to the Vegetation Management Inspection Point, Line, and Polygon tables. This value can be repeated based on the number of photos taken.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	AiID	AI ID	text(50)	FK	Unique ID or job ID of an asset inspection activity. Foregin key to the Asset inspection table. This value can be repeated based on the number of photos taken.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	GhID	GH ID	text(50)	FK	Unique ID or job ID of a grid hardening activity. Foreign key to the Grid Hardening Point and Line tables. This value can be repeated based on the number of photos taken.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	FromDevice	From Device	text(50)	FK	The asset ID for a support structure upstream of an initiative location. This field is to be filled out to help locate initiatives that are along conductor lines or within a polygon based on conductor lines.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	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.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

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

Point | **Other Power Line Connection Location**

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	OplcID	PPIC ID	text(50)	PK	Unique ID and primary key for the private Power Line Connection Location table.	No	Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	In addition to the implementation of the new WSD GIS schema, Liberty CalPeco will need to perform field checks at all locations to gather the required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	In addition to the implementation of the new WSD GIS schema, Liberty CalPeco will need to perform field checks at all locations to gather the required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	OtherLineOwner	Other Line Owner	text(100)		Name of individual or other entity that owns the private line to which an electrical corporation line is connecting.	No	Liberty CalPeco has connections to private power lines that are demarcated by a primary meter at the location of the tie. However, Liberty CalPeco does not currently have most of the requested data and the information that does exist is in an incompatible format with the proposed WSD schema to populate the required fields at this time.	In addition to the implementation of the new WSD GIS schema, Liberty CalPeco will need to perform field checks at all locations to gather the required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	ConnectionAsset	Connection Asset	text(100)		Asset enabling the connection.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	ConnectionPointAssetID	Connection Point Asset ID	text(50)		AssetID of the asset that enables the connection. Must be traceable stable ID within a specific asset class.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	CorporationLineID	Corporation Line ID	text(50)		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.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	OtherLineClass	Other Line Class	text(30)	Domain	Classification of line asset that meets corporation line at connection location. Possible values: Transmission Primary distribution Secondary Distribution Unknown	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the connection location 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.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	County	County	text(50)		County in which connection location is located.	No	Liberty CalPeco has this data in the existing GIS but it does not conform to the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	OtherConductorType	Other Conductor Type	text(10)	Domain	Type of conductor that connects to corporation line. Possible values: Bare Covered Unknown	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	ConnectionType	Connection Type	text(30)	Domain	Type of energy transfer happening at location. Possible values: Other to corporation Corporation to Other	No	Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
12	ConnectionOHUG	Connection OH or UG	text(50)	Domain	Is the connection overhead or underground? Possible values: All Overhead All underground Overhead to underground Underground to overhead Unknown	No	Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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 have this data.	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 than two decimal places. Enter "-99" if N/A.Use -99 for unknown.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
15	OtherConductorMaterial	Other Conductor Material	text(100)	Domain	Conductor material of other line that connects to corporation line. Possible values: All aluminum conductor (AAC) All aluminum alloy conductor (AAAC) Aluminum conductor aluminum reinforced (ACAR) Aluminum conductor steel reinforced (ACSR) Copper (Cu) Unknown other - See comment.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
16	ConductorMaterialComment	Conductor Material Comment	text(50)		Conductor material not listed in the options above.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
17	OtherConductorSize	Other Conductor Size	text(30)		Size of other conductor that connects to corporation line (e.g. No. 4 Cu or 1/0 ACSR). Write "Unknown" if this is not known.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
18	OtherConductorOD	Other Conductor Overall Diameter (incl	float		Overall diameter of the other conductor that connects to the corporation conductor in inches. Leave blank if this is not known.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
19	OtherConductorCodeName	Other Conductor Code Name	text(50)		Codename of the other conductor that connects to the corporation conductor. For example, "Lapwing," "Sparrow," etc. Write "Unknown" if this is not known.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
20	ConnectionLastInspectionDate	Connection Last Inspection Date	date		Date of the last inspection. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
21	ConnectionLastMaintenanceDate	Connection Last Maintenance Date	date		Date of the last maintenance. Use YYYY-MM-DD format. Leave blank if unknown. Do not include time.	No	Liberty CalPeco has this data in the existing GIS but the format is incompatible with the newly released WSD GIS schema.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
22	ConnectionEstablishmentDate	Connection Establishment Date	date		Date the connection was established. 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 data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
23	ConnectionEstablishmentYear	Connection Establishment Year	integer		Year of connection establishment. Use four digits. Can be pulled from the "InstallationDate" field with a field calculation. Enter "-99" if unknown.	No	Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

24	EstimatedConnectionAge	Estimated Connection Age	text(10)	Domain	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 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)	No	Liberty CalPeco does not have this data in the existing GIS but the data might exist in the billing system.	If data exists, then export data from Billing system to GIS.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
26	OtherAmpacityRating	Other Ampacity Rating	float		Nominal ampacity rating of the other conductor in amperes.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
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 Unknown	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
28	OtherPowerLineComments	Other Power Line Comments	text(100)		Describe any additional key details that should be known about the connection location.	No	Liberty CalPeco does not have this data.	Liberty CalPeco does not currently plan to collect this information.	N/A	Yes
						No				
Point	**Critical Facility**					No				
Column	**Field Name**	**Alias**	**Data Type**	**Charateristic**	**Description**	No	**Availability Explanations**	**Data procurement actions**	**Estimated delivery timeframe**	**Confidential? (Yes/No)**
1	FacilityID	Facility ID	text(50)	PK	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	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	FacilityName	Facility Name	text(100)		Name of the facility	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	FacilityCategory	Facility Category	text(30)	Domain	Critical facility category. See examples table below this table for examples of facilities that fall under these categories. Possible values: Chemical Communications Emergency services Energy Government facilities Healthcare and public health Public safety answering points Transportation Water and wastewater systems Other – See comment.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	FacilityCategoryComment	Facility Category Comment	text(30)		Facility category not covered by the options above.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	FacilityDescription	Facility Description	text(50)		Brief facility description (e.g., fire station, prison, nursing home, etc.).	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information. Once that data is collected an appropriate value will be assigned.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	CircuitID	Circuit ID	text(50)		ID of circuit associated with critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	CircuitName	Circuit Name	text(255)		Name of circuit associated with critical facility,	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
9	MeterID	Meter ID	text(50)		ID of meter associated with critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
10	BackupPower	Backup Power	text(10)	Domain	Does the facility have a backup power source? Possible values: Yes No Unknown	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
11	BackupType	Backup Type	text(30)	Domain	Type of backup power source. Possible values: Storage battery Diesel generator Gas generator Combined/hybrid Other – See comment.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
12	BackupTypeComment	Backup Type Comment	text(30)		Backup type not listed in the options above.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
13	BackupCapacity	Backup Capacity	float		Hours of energy storage of hours of backup generation from backup power source.	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
14	PopulationImpact	Population Impact	integer		The approximate number of people that depend on this critical facility	No	Liberty Calpeco does not currently have this data in the GIS today.	Liberty CalPeco will reach out to state and local agencies to get GIS data of critical facility locations and other required information.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

15	HFTDClass	HFTD Class	text(10)	Domain	The CPUC high-fire threat district (HFTD) area the critical facility intersects. Possible values: Tier 3 Tier 2 Zone 1 Non-HFTD	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
16	PSPSDays	PSPS Days	integer		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.	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
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	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, CalPeco will provide requested information in GIS format by 12/2020.	Yes
18	ParcelAPN	Parcel APN	text(17)	PK	ID of parcel containing critical facility. Primary key for the Critical Facility table.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
19	Address	Address	text(100)		The address of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
20	City	City	text(50)		The city of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
21	Zip	Zip	text(5)		The 5-digit zip code of the critical facility.	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
22	Latitude	Latitude	float		Latitude coordinate of critical facility (in decimal degrees).	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
23	Longitude	Longitude	float		Longitude coordinate of critical facility (in decimal degrees).	No	Liberty CalPeco has this data in the existing GIS but the location of critical facilities is unknown.	Data exists, need WSD GIS schema to be implemented at Liberty CalPeco GIS and locations of critical facilities identified.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Polygon **Red Flag Warning Day Polygon**

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	RfwID	RFW ID	text(50)	PK	Unique ID and primary key for the red flag warning table.	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
2	UtilityID	Utility ID	text(10)		Standardized identification name of the utility ("UtilityG&E," etc.).	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
3	FireWeatherZoneID	Fire Weather Zone ID	text(50)		ID number of fire weather zone	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
4	FireWeatherZoneName	Fire Weather Zone Name	text(30)		Unique ID for a specific point asset. It should be a traceable stable ID within the utility's operations/processes.	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
5	RedFlagWarningIssueDate	Red Flag Warning Issue Date	date		Start date of the RFW in YYYY-MM-DD format. Do not include time.	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
6	RedFlagWarningIssueTime	Red Flag Warning Issue Time	date		Start time of the RFW. Must be in the "hh:mm:ss" format.	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
7	NumberRedFlagWarningDays	Number Red Flag Warning Days	int		Number of red flag warning days experienced in the fire weather zone in the last 365 days.	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 NWS and integrate with GIS data.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes
8	RedFlagDaysDateBasis	Red Flag Days Date Basis	float		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	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.	To the extent possible, CalPeco will provide requested information in GIS format by 12/2020.	Yes

Administrative Area

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