



Liberty Utilities (CalPeco Electric) LLC
933 Eloise Avenue
South Lake Tahoe, CA 96150
Tel: 800-782-2506
Fax: 530-544-4811

May 3, 2021

DATA REQUEST RESPONSE

LIBERTY UTILITIES (CALPECO ELECTRIC) LLC 2021 WMP Update

Data Request No.: WSD-Liberty-2021WMP-03
Subject Matter: 2021 Wildfire Mitigation Plans
Originator: Ryan Arba
Due Date: May 3, 2021

REQUEST NO. 1:

Describe any QA/QC process performed by contractors for asset inspections.

RESPONSE TO REQUEST NO. 1:

Liberty utilized contractors for asset inspections in 2020 in light of the extensive scope of performing a system-wide asset survey and inspection initiative. Currently, there are no plans to utilize contractors for asset inspections in 2021.

Liberty has no formal QA/QC process performed by contractors for asset inspections at this time. Liberty has committed to establishing the QA/QC program parameters, processes, corrective measures and training through an RFP process in 2021. The goal is to integrate the program into asset inspection work processes beginning in January 2022.

REQUEST NO. 2:

How does Liberty check asset inspection results for accuracy, given that it does not yet have an established QA/QC program?

RESPONSE TO REQUEST NO. 2:

Liberty personnel re-inspect a percentage of facilities when contractors are performing asset inspections to provide feedback to the contractor.

The new QA/QC program, once established in 2022, will have processes and standards to check both internal and external asset inspections for accuracy.

REQUEST NO. 3:

How is Liberty ensuring asset inspections are being performed completely and correctly by contractors in the interim timeframe before a QA/QC program is established in 2022?

RESPONSE TO REQUEST NO. 3:

At this time, Liberty does not plan to utilize contractors for asset inspections in 2021. Should that change, Liberty would follow the same procedures described in Question 2.

REQUEST NO. 4:

Describe in full and compete detail how Liberty’s partnerships with Community Based Organizations mitigate the public safety impacts of PSPS on vulnerable communities.

RESPONSE TO REQUEST NO. 4:

Liberty partners with Community Based Organizations (CBOs) to expand outreach to vulnerable communities, such as access and functional needs (AFN) and medical baseline customers. CBOs maintain close, personal relationships with their clients and communities. By leveraging this engagement through partner channels, Liberty increases public education on the PSPS determination and notification processes and how customers can prepare for extended de-energization events. Liberty provides its CBO partners with a toolkit of PSPS educational pamphlets, flyers, and checklists in accessible formats to distribute to its client base year-round. During an active PSPS event, Liberty would provide regular updates to CBO partners. Updates may include perimeters of the de-energization event, number of impacted customers (including AFN and medical baselines customers), and a custom toolkit of social media content and educational material to distribute.

CBO partnerships are critical to Liberty’s outreach efforts, helping to protect public safety year-round and during emergency events like a PSPS.

REQUEST NO. 5:

In Section 8.4 (p. 151) of its WMP, Liberty states that it will “continue to integrate [Community Based Organizations] into PSPS operations.” Describe in full and complete detail how CBOs are currently integrated into PSPS operations.

RESPONSE TO REQUEST NO. 5:

CBOs play an important role to help notify customers regarding PSPS events, as regular and accessible updates are critical during such events. Just as Liberty would provide regular updates to its public safety partners, elected officials, and the CPUC during a PSPS event, Liberty would also share updates with its CBO partners. These updates would include information about the de-energization event (size, duration, and customer impact), as well as educational outreach material (social media toolkit and other educational pamphlets) to distribute via their various communications channels, digital or otherwise. Liberty empowers its CBO partners with

information and tools necessary to help keep vulnerable populations safe and apprised of the situation.

In addition, Liberty has established service territory-wide Wildfire Safety Advisory Boards to provide hands-on, direct advisory functions regarding de-energization. These Advisory Boards have been established in each of the four regions serviced by Liberty - the Sierra and Plumas County Board, Nevada and Placer County Board, the El Dorado County Board, and the Mono and Alpine County Board. Each of these Advisory Boards is comprised of public safety partners, communications and water service providers, local and tribal government officials, business groups, non-profits, representatives of people/communities with access and functional needs, vulnerable communities, and academic organizations to advise on best practices for de-energization issues and safety, community preparedness, regional coordination, and the optimal use of existing and emerging technologies. The boards are chartered to meet quarterly.

REQUEST NO. 6:

The table below summarizes Liberty’s covered conductor installation for the 2020 WMP cycle. All inputs are from Tables 7-3, 7-4, and 7-5 of Liberty’s 2021 WMP Update. Only projects with both spend and mileage were considered for the summary table.

<i>Year</i>	<i>Total Spend</i>	<i>Total Miles Treated</i>	<i>Cost per Mile</i>
2020 (Actual)	\$7,486,111	6.82 miles	\$1,097,670.23
2021 (Planned)	\$9,233,163	7.6 miles	\$1,214,889.87
2022 (Planned)	\$5,761,440	4.45 miles	\$1,294,705.62
2020-2022 Cycle	\$22,480,714	18.87 miles	\$1,191,346.79

Liberty’s average covered conductor installation cost per mile for the 2020 WMP cycle is approximately \$1.2 million per mile, which is significantly greater than other SMJUs. Provide the following:

- a) Fill in the table below to break down the cost per mile into the following components by percentages. If needed, an “other” component may be added with a detailed description.

<i>Design, estimating, and permitting</i>	<i>Materials</i>	<i>Construction Labor</i>	<i>Project Management</i>
__%	__%	__%	__%

- b) In a table format, further break down:
 - 1) the “design, estimating, and permitting” component into respective percentages;
 - 2) the “material” component into individual items, including estimated unit amounts per item (e.g., X number of item) as well as individual unit costs by dollar values (e.g., Y dollars per item);

- 3) the “construction labor” component into labor types by respective percentages, including a definition of labor type being performed and intended parties performing the labor type;
- 4) the “other component as granularly as feasible (if applicable).

RESPONSE TO REQUEST NO. 6:

- a) Liberty provides the average 2020 covered conductor installation cost by the components below:

<i>Design, estimating, and permitting</i>	<i>Materials</i>	<i>Construction Labor</i>	<i>Project Management</i>
6%	15%	73%	6%

- b) Liberty provides the following breakdowns for each covered conductor cost component above:

- 1) Liberty provides the following breakdown for the design, estimating and permitting component of the 2020 covered conductor installation costs.

<i>Design</i>	<i>Estimating</i>	<i>Permitting</i>
68%	10%	22%

- 2) The response to this question requires a detailed analysis of the material components of Liberty’s covered conductor projects in 2020. Liberty is currently working on this analysis and will provide the results as soon as completed.
- 3) Liberty provides the following breakdown for the construction labor component of the 2020 covered conductor installation costs.

<i>Construction Labor</i>	<i>Vegetation Management Labor (i.e. Tree Trimming)</i>
95%	5%

- 4) N/A

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If you have any questions or require any additional information, please contact me at:

Dan Marsh

Manager, Rates and Regulatory Affairs
Liberty Utilities (CalPeco Electric) LLC

Dan.Marsh@libertyutilities.com

Phone: (530)721-2435