
From: [REDACTED]
To: [REDACTED]
Sent: 5/25/2021 10:58:23 AM
Subject: Feeding Distribution Load in Remote Locations
Attachments: 35217268ConDWGB Revised Scope(Pre-Lim).pdf; Trench SSVTs FiveMinuteMeeting.docx

Hi [REDACTED]

Per our discussion yesterday at Briceburg, below is a single line example of feeding the distribution off of the transmission using a Station Service Transformer that we installed at Ridge Cabin. We evaluated this during the Briceburg Project but Transmission said it would be quite expensive compared to the alternative microgrid that we installed as we had the benefit of already owning that land. I am also attaching the scope for Bucks Creek. This project is to install 4 miles of underground, with significant permitting complexities that will require many agencies and a significant project duration to execute. It is also very high on our risk score. A couple of key items is that this 4 miles of line only serves 3 customers with about 6a average load total. Unfortunately the 230kV that runs parallel to the distribution not a lower voltage as that admittedly makes the protection more difficult. I have asked our Transmission partners to evaluate the possibility of this idea last week and have not heard back yet. At this point there is no action requested on your part but I wanted to share some of the information so that if this were to come up you would have additional background on the idea.

My hope would be that if we could standardize something like this then it could be another tool in our toolbox to get high risk low customer load miles decommissioned from our system while significantly reducing the land/easement issues that installing microgrids will continue to have.

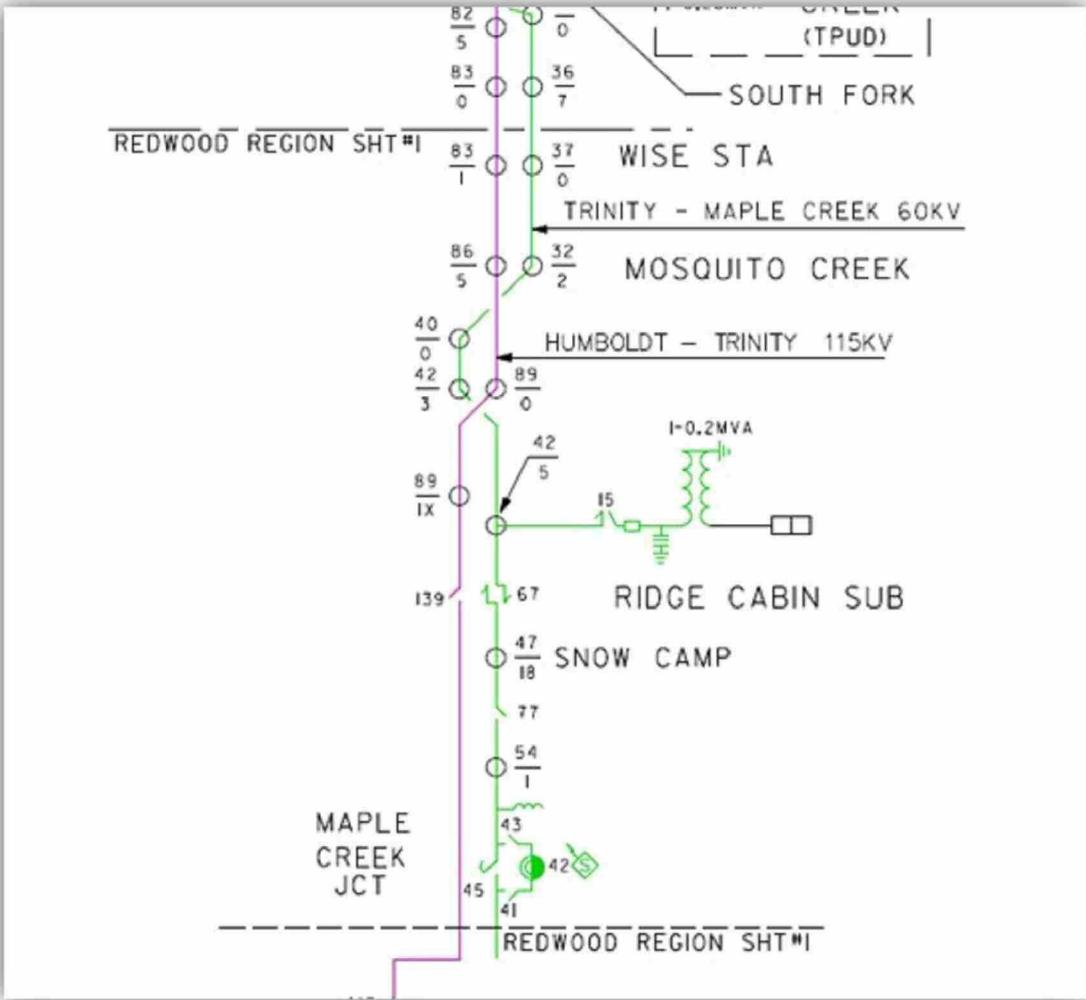
Regards,

[REDACTED]
Manager, Project Management
Pacific Gas & Electric Company
Major Projects and Programs
[REDACTED]

From: [REDACTED]
Sent: Friday, May 14, 2021 9:03 AM
To: [REDACTED]
Subject: Bucks Creek: 5MM SSVTs

Here's the recent 5MM for SSVT's, which provides some other contact names for engineers.

The SSVT for Ridge Cabin is actually off the 60kV, and I recall [REDACTED] as the engineer working on it. Tapping the 230kV for an unfused SSVT may be more difficult for protection:



From: [REDACTED]

Sent: Wednesday, May 12, 2021 2:16 PM

To: [REDACTED]

[REDACTED]

Cc: EAM Eng Standards & Tech Services Substation & TLine Standards

Subject: 5MM SSVTs

Team,

Please see the attached 5MM for SSVTs (Station Service Voltage Transformer) and purchasing. Standards is in process of standardizing SSVTs.

Thank you,