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**From:** [REDACTED]  
**To:** [REDACTED]  
**CC:** [REDACTED]  
**Sent:** 12/1/2020 11:27:26 AM  
**Subject:** FW: System Hardening Projects for Filsinger Visit December 14-16  
**Attachments:** SH Field Visit 12142020.pptx

Hi [REDACTED],

Here are the proposed location by [REDACTED] if you want to locate adjacent A/B tags.

Thanks,  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, December 01, 2020 11:23 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: System Hardening Projects for Filsinger Visit December 14-16

[REDACTED]  
Can you help me out with this? I think you know the Auburn Grass Valley area better than most of us.

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**From:** [REDACTED]  
**Sent:** Tuesday, December 01, 2020 11:20 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: System Hardening Projects for Filsinger Visit December 14-16  
**Importance:** High

[REDACTED]  
Thank you for this, very helpful. Filsinger also asked for a couple of projects in the in the Auburn/Grass Valley area, even if they are not in top 50 miles (let's say in top 100 miles). Could you please look into that?

Thanks,  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, December 01, 2020 9:44 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: System Hardening Projects for Filsinger Visit December 14-16

Here is some information slides for the locations discussed yesterday.  
[REDACTED]

From: [REDACTED]  
Sent: Monday, November 30, 2020 8:22 AM  
To: [REDACTED]  
Cc: [REDACTED]  
Subject: Fwd: System Hardening Projects for Filsinger Visit December 14-16

[REDACTED]  
FYI.

[REDACTED] will be scheduling a call with us on this request since [REDACTED] is out.  
[REDACTED]

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From: [REDACTED]  
Sent: Sunday, November 29, 2020 7:36:10 PM  
To: [REDACTED]  
Subject: System Hardening Projects for Filsinger Visit December 14-16

[REDACTED]

Filsinger will be conducting another field observation visit December 14-16 and they would like to visit one or two System Hardening project locations. These projects should be from the top 50 miles of CPZs (please see below below) and should be CPZ targeted in 2021 base don the new risk model. They do understand that the actual projects are not yet scoped – the do, however, want to visit the locations to better understand the risk drivers and potential mitigations. They requested to have a Safety Specialist join them for the visit to discuss the wildlife risk drivers and potentially someone from the execution / planning team to understand the possible SH mitigations. If we already have the projected scoped and know what we'll be doing (undergrounding, OH reconducting, etc.), that's even better.

**From the list below – which CPZs / locations would you recommend for inclusion in the visit?** We need a couple of projects and a back -up options (there are definitely weather / altitude considerations, so ideally we want projects back-up options in the lower altitude / interim zones). In addition to these projects, they will be visiting the Calistoga substation for the demo of the Rapid Earth Fault Current – they mentioned that there 2020-2021 projects in the Fitch Mountain area or fire impacted areas that they also visit while in that area.

Thanks!  
[REDACTED]

Protection Zone Name	Miles	Cumulative Miles	Mean MAVF Score	Total CPZ Mavf	% total risk reduced (62%)
OREGON TRAIL 1103CUS391	0.02	0.02	3.16	3.16	0.01%
CALPINE 1144276-G	0.01	0.03	1.88	1.88	0.01%
MARIPOSA 210190130	0.08	0.12	1.69	1.69	0.02%
SHEPHERD 2111688294	0.01	0.13	1.44	1.44	0.02%
MIDDLETOWN 1103CB	0.05	0.18	1.30	5.20	0.03%
UPPER LAKE 1101CB	1.00	1.17	1.26	3.77	0.04%
KESWICK 11011586	6.66	7.83	1.25	48.84	0.17%
MIDDLETOWN 1102302610	4.21	12.04	0.92	48.56	0.29%

KONOCTI 1102965078	5.61	17.65	0.88	51.70	<b>0.42%</b>
MARIPOSA 2102241564	0.64	18.29	0.77	10.81	<b>0.44%</b>
BUCKS CREEK 1101CB	4.29	22.58	0.73	9.55	<b>0.47%</b>
DEL MAR 2109378446	0.09	22.67	0.73	2.19	<b>0.47%</b>
MIDDLETOWN 1102CB	0.42	23.08	0.72	8.70	<b>0.49%</b>
MIDDLETOWN 1103830	24.80	47.88	0.72	151.83	<b>0.87%</b>