From:	
To: Sent: Subject: Attachments:	11/20/2020 3:27:20 PM RE: PSPS circuits PSPS_System Hardening Risk Buydown Curve.xlsx
Great work attact	hed is the buydown curve with the PSPS event circuit segments highlighted.
From Sent: Friday, Novemb To: Cc: Subject: RE: PSPS c	
See attached. I added the labels for Circuit Segment inste	each circuit segments and it looks like it is still readable. Also changed the title to read ad of CPZ
From: Sent: Friday, Novemb To Cc: Subject: RE: PSPS c	

This looks great. I agree that the chart is easier to read with the circuit segments with 3 or 4 PSPS events. Further the circuit segments with 1 or 2 PSPS events seem evenly distributed across the curve. I think we should anticipate that viewers will want to know the names of the circuit segments. Can those be added as labels?

Can we also change the use of CPZ to circuit segment?

Thanks,

From: Sent: Friday, November 20, 2020 1:17 PM To: Cc: Subject: RE: PSPS circuits Attached is the risk buydown curve with the CPZs that have been in PSPS scope last two years highlighted. The chart has filtered out CPZs with 1 or 2 events as I thought it was cleaner if we focus on those with 3 or 4 events, you're welcome to add those back in by clicking the filter in the right side of the graph.

I also took a couple of recommendation from to keep the risk curve orange and create a line highlighting where the top 20% of CPZ in high risk are, the reason is that this is a view everyone has become familiarized.

Please let me know if you have further questions.



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The risk buydown curve uses the cumulative total MAVF risk to highlight how much risk is left across the system after a series of 1-N mitigations.

Closer to the point, the order of the rankings is based off of the Mean MAVF score and that can be used to determine where along the curve the CPZ will fall. We have a tool that can help show this. If you input CPZs into the grouping columns on sheet 1, a template for the risk buydown curve will be created.

Happy to connect if more detail or support is needed.

Thank you
KPMG LLP   Manager, Strategy Mobile
From: Sent: Wednesday, November 18, 2020 7:05 PM To: Cc: Subject: [EXTERNAL] RE: PSPS circuits
I believe so can you confirm?
From Sent: Wednesday, November 18, 2020 1:43 PM To: Subject: RE: PSPS circuits

Is the risk buy down curve the same as the Mean MAVF score in the conductor model?

From: Sent: Wednesday, November 18, 2020 12:14 PM To: Subject: FW: PSPS circuits

This is the item that I need your help on.

From
Sent: Tuesday, November 17, 2020 8:55 AM
То:
Cc
Subject: PSPS circuits

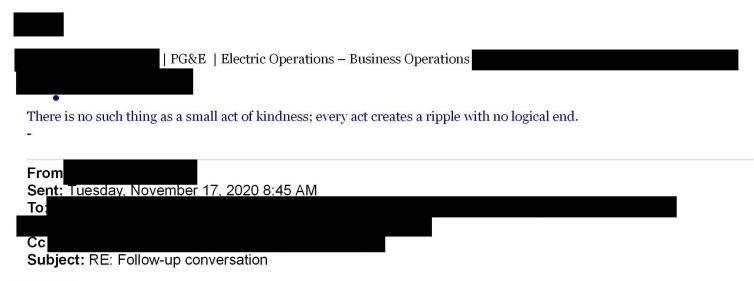
From the EOC, can we get all the 2019 and 2020 PSPS events and the circuits and circuit protection zones that were impacted.

might have that as well.

Then we plot it on the risk buy down curve for system hardening.

I am not expecting it to show up high or low. The model was not developed to predict where we would have PSPS events, so this is an action that we are closing out to put this issue to bed. Would love to have that closed out by this coming Friday.

If we have the materials assembled (basically 1 page) I will host a call and close it out before Friday.



Happy to include you. We have not put the meeting on the calendar. I do want to clarify.

What we committed to doing was.

- 1. Make sure **and the System Hardening team did a review led by** and the PSPS projects that **a review was proposing during the Governance Review.** This was to ensure that based on 2020 information, these projects were still going to be needed.
- 2. Get an understanding based on 2020 PSPS Events, if there are circuits where system hardening could provide enough safety buffer thus making them less likely to be impacted by future PSPS events
- 3. Lastly, plot the circuit protection zones that have been impacted by PSPS events in 2019 and 2020 and show

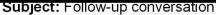




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There is no such thing as a small act of kindness; every act creates a ripple with no logical end.





On Friday's Wildfire Risk Governance Ctt call, you committed to a follow-up conversation about assessing alignment between the risk model and the PSPS frequent flyer circuits. I would appreciate being included in these conversations please.

## thanks

PG&E PSPS Coordinator Cel Note - Central time zone

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