

6/9/2020 :: 2020 EVM and Status of 2021 Risk Model Meeting

Attendees

Contractor: Cooper, Sam

PG&E: Sam Lew, Carolyn, Andrea, Doron, JET, Joey Perez, Matt Pender, Derek Cedars, Jeff Borders, Mark Esegueira, Ken Loomis, Steven Fischer, Ryan Willis, Luke Roy, Michael Ritter

- Agenda from meeting invite:
 - Purpose: Discussion of 2020 EVM and Status of 2021 Risk Model
 - Agenda:
 - Review 2020 EVM portfolio under 3 Risk profile points of view 1-N, HFTD Ckts, HFTD miles Derek to Lead 20 Minutes
 - Review current status of 2021 Risk Model Jon Eric and Ryan/Joey to Lead 25 Minutes
 - Next steps to use New EVM model for 2021 Jon Eric to Lead 10 minutes
 - Wrap and MOLOSA Derek to Lead 5 Minutes
 - Desired outcome:
 - 1. Decision on final 2020 EVM portfolio
 - 2. Clear next steps, ownership, and timeline for 2021 EVM Risk model delivery
- Reviewed 2020 work plan for EVM miles:
 - Current Work = tree work done, and inspected
 - Pending Work Verification = tree work done, but not inspected after work?
 - Future Work = pre-inspected, but no tree work done
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- 2019 (and prior?) KPMG model was used to guide EVM planning in prior years - and it gave senior leadership this idea that 20% of the circuits could produce 80% of the risk
 - Model was based on catastrophic fires, not all fires
- 2020 EVM plan NOT based on the KPMG model - uses "1-N" model
- 2021 risk model is coming... from us?!
- Derek asked JET for an update on "Where are we on the 2021 risk model?"
 - We are hoping for some questions from EVM team on our recent delivery
 - Model was considering full-year events - recently ran model to focus on fire season only
 - Doron showed model output of risk for ignition for June-Oct - not yet incorporating fire spread
 - Doron then showed comparison of fire-season-only risk to full-year risk - color coding shows ignition risk reduces in some areas, increases in others
 - Doron then showed full-year to fire-season-only comparison for wires down, and comparison for outages of unknown source

- Composite risk score (outages, wiresdown, ignition) is desired
 - Wants a “final absolute risk score”
- “This is awesome” in reference to fire-season-only model output
- 100m pixel raster file output seems good
- Question about “near misses” - wiresdown that didn’t produce wildfire - should be included?
 - What about near misses outside of fire season and/or outside of HFTD?
- Weather conditions
 - Affect both the events that lead up to a spark AND the propensity of that spark to cause a larger fire (on both short and long timescales - short regarding wind, humidity, etc, long regarding winter rains that caused fuel to grow)
- Focus must be on “significant events” - big/hazardous wildfires
- Action Items:
 - DxARM team to deliver raster files for fire-season only
 - DxARM team to look at wiresdown as a near-miss
 - DxARM team to look at incorporating consequence models