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**From:** [REDACTED]  
**To:** [REDACTED]  
**Sent:** 4/21/2021 1:33:01 PM  
**Subject:** RE: Field Notes - 2/14/21 - 2/16/21

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Thanks [REDACTED]

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**From:** [REDACTED]  
**Sent:** Wednesday, April 21, 2021 2:30 PM  
**To:** [REDACTED]  
**Subject:** Field Notes - 2/14/21 - 2/16/21

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you have confirmed with the sender and know the content is safe.

My apologies for the delay in sharing the below...please let me know if you have any follow-ups.

Thank you!

[REDACTED]

2/14

Oregon House - EVM

- Risk Ranking of both circuits
- Taking into account dependencies to establish execution schedule
- EVM performance of circuits pre and post mitigation
- SH f/u with WSD
- EVM effectiveness study - how many trees identified as "Do Not Abate" but failed subsequently; implications of some trees in a stand of trees (additional exposure and wind impact)
- Clearance requirement for covered conductor; GO 95 vs PRC 4293

Oroville - Fire Impacted Area (North Complex Fire)

- Patrol frequency as a result of change in conditions (e.g. Fire stress, drought conditions —> bark beetle infestation)
- Coordination between Construction & VM teams during fire rebuild (EOC, REC and OEC)

- Rebuild decision-making process for OH Hardening vs UG —> e.g. tap line feeding 1 residential customers (~70 to 90 trees @ \$2,400/tree vs hybrid temp gen); consideration of landslide risk as part of mitigation option decisions
- Phase 1 and Phase 2 for fire impacted areas as compared to Priority 1 and Priority 2 —> fire impacted area standards, procedures and training
- ROW fuel management maintenance after hardening (e.g. Manzanita grow back in fire impacted areas)
- Ownership of customer premise temp gen solution as part of fire rebuild process
- Support and focus for 45 miles to address North Complex rebuild

2/15

## Magnalia

### Distribution

- Focus on improving the backlog of addressing map corrections which is impacting the inspection work plan and “skipping” a pole; also impacts customer experience
- Early start on developing the 2022 plan with engagement with the execution teams
- Optimize inspection assignments/ frequency by circuit vs poles in HFTDs
- Multiple tree attachments for services inclusion in the Inspect App is a lengthy process to create EC tag and map correction
- Oro Fino 1101 risk ranking
- Change in SAP ID when a new pole is installed and replaces an existing pole
- Manually tracking for contractors of poles inspected
- Scheduling and Dispatch for the Engage tool
- Manual mapping correction for assets not in SAP (e.g. tree connect, Idle facility)

### Transmission

- Consistent process for recording tag completion as part of inspections between T&D and internal vs external
- EC tag layer in T vs D
- EC tags for T by component vs location for D
- Multiple FSRs after several years still not addressed
- Tag priority differences between T (A, B and E) and D (A, B, E and F)
- F/U on Asset Mgt for T-line towers and poles risk analysis
- Structure replacement vs component replacement optimization

- Input from team's closest to the work to inform asset management prioritization
- Connect with SDG&E on Utility Data Lake
- LR correlation to weather stations
- SH portfolio overview and detailed data sharing with WSD
- Share VM and inspections training info

2/16

#### System Hardening

- Early engagement with all involved entities
- Conducting coordinated meeting with all external entities on the concept plan and what's needed
- Complex Utility Project Agreement w/ CalTrans (project funding for CalTrans): opportunities for a programmatic agreement
- Review multi-year plan w/ agencies
- Playbook from Bucks Creek 1101 distribution SH applied to all similar projects
- Cresto Dam switch yard validation to capture non-exempt expulsion fuses

#### Drone Inspections

- Access to towers from customer parcel
- Daily flight plans
- CGI hotline
- Sat phone where there is no signal
- Sharings between QC and drone teams