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**From:** [REDACTED]  
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**Subject:** Field Notes - 2/14/21 - 2/16/21

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

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## 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