







## Wire Down Events due to Equipment Failure – Rate Example

## Example:

The logic is if rate is used instead of count then the team will not have to try to predict the weather and count of MEDs in 2021.

• Our 5-year trend of wire down events due to equipment failure is 2.214. Meaning, for each non-MED we had about 2.214 wire down events due to equipment failure. If we are using that as a baseline for target setting, then the team would have to approximate how many

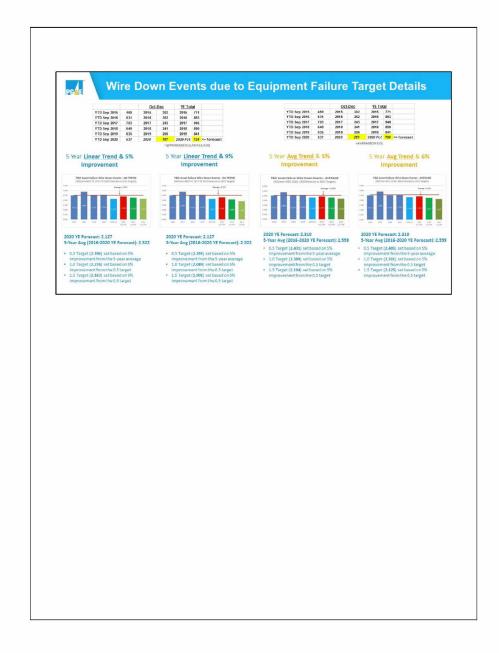
Example #1 – Setting a simple count target with many MEDs forecasted

- Weather forecast: 31 MEDs in 2021 (similar to 2019). This results in 334 non MEDs.
   Target calculation: Using the 5 year trend as the baseline (2.214), this would result in an estimated full year target of 739 wire down events due to equipment failure.

Example #2 - Setting a simple count target with few MEDs forecasted

- Weather forecast: 7 MEDs in 2021 (similar to 2018). This results in 358 non MEDs.
- Target calculation: Using the 5 year trend as the baseline (2.214), this would result in an estimated full year target of 793 wire down events due to equipment failure.

The difference in count between the two examples is 54 wire down events due to equipment failure. The only difference in the calculation is the count of forecasted MEDs. Given the variability we have experienced over the last 5 years, the team proposed going with the rate approach to avoid trying to forecast number of MEDs in 2021.







Aggregated   10%   2.7%   ****-source from 2000 RAMP Report, workpaper bowle V.I.1_WF_HTTDooly.alsm   Yeger Ballon   2.0%   2.1%   ****-frequency based on 2015-2019 data   Yeger Ballon   2.0%   2.0%   Yeger Ballon   Yeger Ballon	PGSE				on Target Setting								
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3rd Party   17%   1.3%     Animal   10%   1.5%     Unk or Other   4%   1.5%     CC - Seismic Scenario   0%   0.1%     Weight   Scenario   43%   2.01%     Equip Failures Animal   36%   1.33%     All Other   2.1%   1.37%     Total   1.00%   1.70%     Weight   Scenario   43%   2.01%     Equip Failures   43%   2.01%     Equip Failure   26%   1.56%     All Other   31%   1.60%     All Other   31%   3.60%     All Other   31					***frequen	ncy based	on 2015-2	019 data					
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