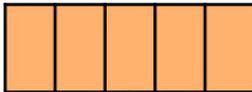## 5 years SCADA and Wave Data

Resampling of SCADA and wave data with replacement on 10 minute level from $T_{curr} - T_o$

20 years of SCADA and Wave Data

Extrapolation Model $[M_{\Delta T_m - SP}]$

20 years of Predicted Damages

Mean Yearly Damage $= \frac{1}{20}\left(\sum_{j=1}^{20}\left(\sum_{i=1}^{52560} d_{ji_{10-minutes}}\right)\right)$

$T_{EOL}[\Delta T_m - SP] = \frac{1 - D_i}{LFFD * Mean \ Yearly \ Damage}$