

Arne Kvinnesland

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Draft Presentation Outline

- I. **Title Slide** – building rendering and project title (1 slide)
 - a. Presentation Outline (1 slide that will remain up on left side)
 - b. Introduction of self (1 slide)
 - c. Project information (1 slide)
- II. **Building Information Modeling and Project Deliverables** (1 slide)
 - a. Analysis Introduction (1 slide)
 - b. Discussion of deliverables list (1 slide)
 - c. Presentation of interview/survey questions (1 slide)
 - d. Results/answers to questions (2 slides)
 - e. Conclusion (2 slides)
- III. **Photovoltaics and Energy Independence – Breadth 1** (1 slide)
 - a. Analysis Introduction (1 slide)
 - b. Battery and PV panel selected through research (2 slides)
 - c. Battery and panel array size/layout (2-3 slides)
 - d. Proof of array to meet same energy output as diesel back-up generators (1-2 slides)
 - e. Cost analysis results, discussion of viability of array (2-3 slides)
- IV. **Secant Pile Wall Construction and Alternate System Design – Breadth 2** (1 slide)
 - a. Analysis Introduction (1 slide)
 - b. Secant Pile Wall location and design criteria (2 slides)
 - c. Present results of alternate system selection (1 slide)
 - d. Proof of alternate system viability and ability to meet design criteria of secant pile wall (1-2 slides)
 - e. Cost/Schedule analysis results (2-3 slides)
- V. **Conclusion/Wrap-Up**
- VI. **Acknowledgements**
 - a. Faculty/Advisors
 - b. Turner Construction and Tompkins Builders, Inc.
 - c. Project management team on ArNGRC project