***Proposal:***

***Your Title Here***

First Name Last Name

University of Colorado, Colorado Springs

***Abstract- This is where you will tell your audience what your research is about, wait until your proposal is completed to write the abstract.***

***Index Terms – What should your audience search for to find your research – also wait until your proposal is completed to include the search term.***

I. INTRODUCTION

For this preliminary proposal, tell your audience why this particular research project is important. What question do you hope to answer?

II. METHODS

The method of investigation for this research project is literature review. Only peer-reviewed published journal articles will be used as supporting evidence.

III. BODY TITLE – this can be the same as your proposal title.

Tell your audience your question, the proposed answer, and three pieces of evidence to support your research. Be sure to include an in-text citation for each piece of evidence. How can the U.S. prevent an attack on the power grid? The current proposed answer is the creation of a smart grid which could automatically shut down attacks [1], bring extra cyber security protection to individual sectors [2], and could potentially alert government agencies of incoming attacks [3].

A.

B.

C.

IV. CONCLUSION

REFERENCES

[1] Z. Zou, G. Buticchi, and M. Liserre, “Analysis and stabilization of a smart transformer-fed grid,” *IEEE Trans. Ind. Electron.*, vol. 65, no. 2, pp. 1325–1335, Feb. 2018.

[2] M.D. Smith, M.E. Pate-Cornell, “Cyber risk analysis for smart grid: How smart is smart enough? A multiarmed bandit approach to cyber security investment,” *IEEE Trans. Engineering Management*., vol. 65, no. 3, pp. 434-447, Aug. 2018.

[3] R. Johnson, “Expanded high alert systems connected to a smart power grid,” *IEEE Trans. Engineering Cyber Protection.,* vol.50, no. 3, pp. 1105-1130, Mar. 2020.

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