

Paper Template for the 46th Symposium on Electrical Power Engineering & the 22th Taiwan Power Electronics Conference

XXX Lai^{1,*}

XXX Hung¹

XXX Wei²

XXX Tsai²

¹Department of Electrical Engineering, National Changhua University of Education
* XXX@ncue.edu.tw

²Taiwan Power Electronics Association
contact@taipea.org.tw

Abstract

This two-column sample can serve as the template for Microsoft Word. The final paper should be submitted in this format. Use *Regular Script* (for Chinese) and *Times New Roman* (for English) fonts throughout your manuscript: 14-point bold font for the title, 12-point font for authors' names, 10-point font for authors' affiliations, abstract, keywords and the main contents. 10-point bold font for the section titles. The reference list is in 8-point font. This English Abstract is optional.

Keywords: maximum 6 terms.

I. INTRODUCTION

Please simulate the usual appearance of papers in an *IEEE conference proceedings*. For items not addressed in these instructions, please refer to the last issue of your conference's proceedings. The length of the paper is up to 6 pages.

II. CONTENTS

2.1 Figures and Tables

Prepare the paper in full-size format, on US letter paper (8 1/2 by 11 inches). For A4 paper, use this A4 template which *margins* : top = 21 mm, bottom = 21 mm, side = 18 mm. The column width in the paper is 84.5mm and the space between the two columns is 5mm. Paragraph indentation is 3.5 mm.

III. CHARTS AND EQUATIONS

3.1 Charts

The larger figures and tables in the paper may span across both columns, but the format should be adjusted to be consistent with this guideline. Figure captions should be centered below the figures and table captions should be centered above the tables. Please avoid placing figures and tables before their first mention in the text. Use the abbreviation "Fig. 1," even at the beginning of a sentence.

3.1.1 Equations

The symbols in the mathematical formula should be explained immediately before or below the mathematical formula. The equation must be marked with a number at the far right end of each column, such as (1). Chinese uses (1) to refer to the formula, but at the beginning of the

sentence, Chinese uses formula (1) and English uses Equation (1). Examples of mathematical equations and graphs are as follows:

$$P_m = \frac{1}{2\lambda^3} \pi \rho C_p r^5 \omega^3 \quad (1)$$

which ρ is Air density

r is Fan radius

λ is tip speed ratio

C_p is the power factor of λ

ω is fan speed

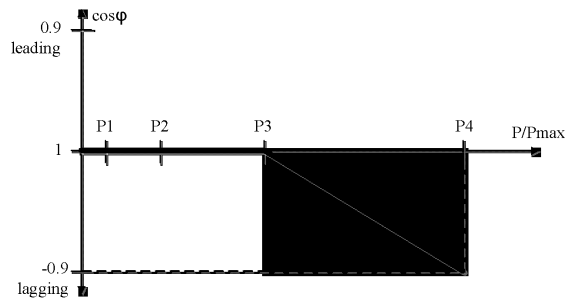


Fig. 1. smart converter $\cos\phi(P)$ curve

TABLE I: PAPER FORMAT

Margins (mm)				Column Width (mm)	Column Space (mm)
Top	Bottom	Left	Right		
21	21	18	18	84.5	5

IV. CONCLUSIONS

The final paper should follow this format. You can modify the section titles according to your requirements but do not change this paper format.

ACKNOWLEDGMENT

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REFERENCES

- [1] T. T. Ku, C. H. Lin, C. S. Chen and C. T. Hsu, "Coordination of transformer on-load tap changer and PV smart inverters for voltage control of distribution feeders", *IEEE Trans. Industry Applications*, vol. 55, no. 1, pp. 256-264, Jan./Feb. 2019.
- [2] 許振廷、陳朝順、林嘉宏、許炎豐、游宏益、王耀庭, 「七美島微電網運轉分析」, 台電工程月刊, 第831期, 第29-40頁, 2017年11月。