

A. Title Page

Professional Development Grant Final Report - 2015
2015 IEEE Power & Energy Society General Meeting

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B. Restatement of professional enhancement opportunity

I presented at the 2015 IEEE Power & Energy Society General Meeting in Denver, CO on July 27, 2015, as the representative of the IEEE Power and Energy Society at Arkansas Tech University. The session's title was, Power System Planning and Implementation.

C. Brief review of the professional enhancement opportunity

The presentation provided an overview of accepted conference paper "15PESGM1380-Effective Load Carrying Capability Evaluation for High Penetration Renewable Energy Integration". Examples of effective outcomes and assessment measures were provided by the presenters and the audience was invited to develop and share examples

D. Summary of experiences

Over 3000 conference participants attended this annual international conference and participated in the conference's activities. Participants asked questions during and after the technical sessions with the Tech faculty. In addition to presenting the accepted research paper, I was able to serve as the judge of student poster session and attend sessions offered by other presenters. I appreciate the opportunity to learn more about top power and energy researchers in the world and to network with other higher education professionals.

E. Conclusions and recommendations

The chance for faculty to present his research to international audiences is beneficial to both the faculty members and Arkansas

Tech University. The presentation and judge service provide an opportunity for faculty to share his expertise, to promote his electrical engineering ABET program and institution, and to strengthen and build valuable contacts. As a faculty member I appreciate the opportunity this funding has provided.

A copy of the accepted conference paper poster is attached as documentation of this presentation.