

















## CONCLUSION

This paper has reviewed the performances of three One Cycle Control schemes. The power factor of medium and high-power grid-connected converters based on Basic-OCC and Modified-OCC varies with the load. However, it is high and independent of load handled by the converter based on Constant Power Factor-OCC. Thus this paper presents the implementation of CPF-OCC using analog ICs. From this hardware experimentation, it was confirmed that the implementation of OCC is simple and can be easily constructed to achieve the acceptable gate signals for the power electronic converters.

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