

COMPLEX POWER FLOW THROUGH TRANSMISSION LINE

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In the name of Allah s.wt.

Most Gracious Most Merciful

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ABSTRACT

This report describes a developed program to evaluate the complex power flow in the transmission line. The program is developed using Matlab V6.5. To facilitate the performance calculations relating to the transmission line, only short length lines are considered in developing the program. This shows that the proposed developed program is able to provide accurate result. Apart from that, the developed program provides faster result. These results may be used to determine the consequences of transmission line performance on the operation of a power system.

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