
**Power Transmission Solutions, Inc.
SLiM Announcement
December 2005**

SLiM Economics Compare Favorably to other Solutions to Increase Transmission Transfer Capability

Professor Ross Baldick of the University of Texas Department of Electrical Engineering authored a FERC-sponsored research paper evaluating the cost of various technologies to increase transmission transfer capabilities. The paper creates an apples-to-apples economic comparison by producing results on a \$/MW-mile basis. Although SLiM is mentioned in the research paper, cost figures were not available at the time it was written. PTS now has prices for SLiM and has performed its own evaluation of SLiM versus the results published in Prof. Baldick's paper. SLiM compares very favorably and in many situations may be the most economic solution. According to Roger Gray, PTS CEO, SLiM really is not a direct competitor of the advanced low sag conductors such as ACCC. Those conductors provide a lot more capacity, but are very expensive. On a \$/MW-mile basis SLiM compares very favorably. If a utility needs a lot more capacity (e.g. 50-100%) it probably makes sense to go with a larger investment such as ACCC. However, if the need is either temporary or smaller (e.g. 10-30% increase in transfer capability), SLiM is a more economic solution because you don't have to pay for capacity you don't need. Additionally, SLiM can be installed easily and quickly as a relatively simple maintenance-like activity.

