

**A Proposed 46 kV 350k W Crowbar-Less Klystron Power Supply, J.S. PRZYBYLA,**  
EEV LTD - A 46k V 350k W switched resonant power supply is described together with results showing its operation and performance obtained by computer simulations. The supply is suitable for use with klystron and IOT radio frequency amplifiers. The very low stored energy and fast switch-off characteristics of the power supply result in less than 15 joules being deposited into a tube arc. The possibility of designing a circuit requiring no crowbar is therefore very high. Overall size and operating efficiency are also predicted.