

AMENDMENT TO PROJECT SCOPE

Due to the expected future increase in power generation capacity in the Lephalale area and the need for additional power in the Mokopane and Polokwane areas, Eskom Transmission propose the construction of **765 kV transmission power lines** and not 400 kV power lines for the following:

- » A new line between the Delta Substation (near the Medupi Power Station) and the new Mokopane Substation, a distance of approximately 150 km
- » A new line between the new Mokopane Substation and the existing Witkop Substation, a distance of approximately 60 km
- » A new line between Delta Substation and the existing Witkop Substation, a distance of approximately 200 km

The implications of this change in scope of the project are that a wider servitude would be required for the lines (i.e. 80 m for each of the lines and not 55 m as would be the case for a 400 kV line), and that taller towers would be required (i.e. in the region of 50 m and not 35 m as would be the case for a 400 kV line). The use of 765 kV lines would potentially reduce the need for the acquisition of additional servitudes in future to transmit the additional power generated in the Lephalale area.