Collision with earth wire = negative impact
Habitat destruction = negative impact
Disturbance = negative impact
Nesting = positive impact
Impact of birds on quality of supply = negative impact on Eskom quality of supply

Note: Electrocution of birds is highly unlikely and is not considered an impact on the proposed tower structure. On the proposed tower structure it should not be possible for birds to impact on quality of electrical supply through nesting, bird pollution and bird streamers as it is not possible for them to perch/nest above the conductors which are suspended in mid air. However it will be necessary to occasionally use strain type towers (notably at the river crossings – where bird are likely to be relatively abundant) which are likely to be of the self supporting type with a "cross boat" from which conductors are suspended. Birds could perch/nest above conductors on these towers – since these towers will be in the minority – this issue is not discussed on a per species basis in these tables.

Species	Conse rvation status	Nature of impact	General suscepti bility to impact	Probability	Scale	Expected locality	Duration	Intensity or severity	Significance without mitigation	Significance with mitigation	Confide nce
Cape Vulture	V	Collision with earth wire	Medium	Improbable due to very low report							
		Habitat destruction	Medium	rate for the area							
		Disturbance	Medium	-							
Martial Eagle	V	Collision with earth wire	Low	Improbable		Almost					
		Habitat destruction	High	Improbable	Site	anywhere along the route –					nce
		Disturbance	High	Highly probable – particularly while breeding		species is currently breeding on the existing Oranjemund Gromis line	Medium	Medium	Medium	Medium	

		Nesting	High	Improbable on this tower structure							
African Marsh Harrier	V	Habitat destruction	High	Improbable due to low report rate							
		Disturbance	High	through much of the study area							
Lesser Kestrel	V	Habitat destruction	Medium	Improbable due to very low report							
		Disturbance	Medium	rate							
Ludwig's Bustard	V	Collision with earth wire	Very high	Highly probable	Local	Throughout study area	Long	Medium	Medium	Low	High/med ium
		Habitat destruction	High	Probable	Site		Long	Low	Low	Low	Medium
		Disturbance	High	Probable	Site	-	Medium	Medium	Medium	Medium	Medium
Kori Bustard	V	Collision with earth wire	Very high	Highly probable	Local	Throughout study area, particularly in 2816 & 3017	Long	Medium	Medium	Low	High/med ium
		Habitat destruction	High	Probable	Site		Long	Low	Low	Low	Medium Medium High/med
		Disturbance	High	Probable	Site	-	Medium	Medium	Medium	Medium	Medium
Red Lark	V	Habitat destruction	High	Improbable due to low report rate	}		 				
		Disturbance	High								

White Pelican	NT	Collision with earth wire Habitat destruction	High Medium	Probable Improbable	Local	Particularly at the Orange River Crossing	Long	Medium	Medium	Low	Medium
		Disturbance	Medium	Improbable							
Black Stork	NT	Collision with earth wire	High	Improbable due to very							
		Habitat destruction	High	low report rate							Medium
		Disturbance	High								
Yellow- billed Stork	NT	Collision with earth wire	High	Improbable due to very							
		Habitat destruction	High	low report rate							
		Disturbance	High	_							
Marabou Stork	NT	Collision with earth wire	High	Improbable due to low							Medium
		Habitat destruction	High	report rates							
		Disturbance	High	_							
Greater Flamingo	NT	Collision with earth wire	High	Probable	Local	Any open water sources in	Long	Medium	Medium	Low	Medium
		Habitat destruction	High	Improbable		study area – NB Orange River					

		Disturbance	Medium	Improbable		Crossing					
Lesser Flamingo	NT	Collision with earth wire	High	Probable	Local	Any open water	Long	Medium	Medium	Low	Medium
		Habitat destruction	High	Improbable		sources in study area – NB Orange River					
		Disturbance	Medium	Improbable		Crossing					
Secretarybi rd	NT	Collision with earth wire	High	Highly probable	Local	Almost anywhere along the route in	Long	Medium	Medium	Medium	High/med ium
		Habitat destruction	Medium	Probable	Site	natural untransforme d areas	Long	Low	Low	Low	Medium
		Disturbance	Medium	Probable	Site		Medium	Low	Low	Low	High/med ium
Black Harrier	NT	Habitat destruction	High	Probable	Site	Throughout study area – natural vegetation	Long	Low	Low	Low	Medium
		Disturbance	High	Probable	Site		Medium	Low	Low	Low	Medium
Peregrine Falcon	NT	Habitat destruction	High	Improbable		Particularly close to the Orange River					
		Disturbance	High	Highly probable	Site	Crossing – known breeding sites exist	Medium	Medium	Medium	Low	
Lanner Falcon	NT	Habitat destruction	Medium	Probable	Site	Anywhere in study area	Long	Low	Low	Low	Medium
		Disturbance	Medium	Probable	Site		Medium	Low	Low	Low	Medium
Caspian Tern	NT	Habitat destruction	High			Could occur near Orange					

						River					
		Disturbance	High	Probable	Site	Crossing	Medium	Low	Low	Low	Medium
Half- collared Kingfisher	NT	Habitat destruction	High	Improbable due to very low report							
		Disturbance	High	rate							Medium Medium Medium High
Karoo Lark	NT	Habitat destruction	High	Probable	Site	Anywhere in study area	Long	Low	Low	Low	Medium
		Disturbance	High	Probable	Site		Medium	Medium	Medium	Medium	Medium Medium
White Stork	Bonn	Collision with earth wire	Very high	Probable	Local	Particularly in the arable areas in	Long	Medium	Medium	Low	High
	Habitat Medium Improbable destruction	summer months									
		Disturbance	Medium	Improbable					\		{