Appendix 2 – Site photographs

Photo 1: The existing Matsafeni Substation from where the project will start and the new powerline will be constructed.

Photo 2: The alignment from the existing substation will follow existing road infrastructure.

Photo 3: Facing south toward the existing substation. The line will be aligned on the western side for this section up to the traffic light at the R104 /Samora Machel road.

Photo 4: Facing toward the R104/Samora Machel intersection where the 132 kV powerline will cross the road and then traverse Halls property.

Photo 5: Facing west. The powerline will traverse the main road, an orchard on Halls property before it traverses the railway line and make its way to the Crocodile River.

Photo 6: The poles of the exisitg 11 kV line is visible in the background near the railway line. The new 132 kV line will be placed in approximately the same position.

Photo 7: The powerline will follow the alignment of an existing line that will be decommissioned. This section is near the northerth access road to Hall's dairy.

Photo 8: The powerline will traverse a minor seepage wetland south of the Crocodile River and it requires the footprint of some poles in the wetland.

Photo 9: When the bypass road was constructed, SANRAL cleared the servitude and it is mostly grassed areas. Few to no trees will need to be removed for the power line support structures.

Photo 10: The servitude near to the Crocodile River bridge crossing. Facing north. One large pylon will be located inside left of the fence.

Photo 11: Viewing across the riparian zone area north of Crocodile River and west of P166. The riparian edge consists mostly of alien vegetation at this location and the one large pylon that must be located here to span the river will not impact on indigenous riparian trees.

Photo 12: Still facing north after traversing the Crocodile River with some of the existing 11 kV powerline infrastructure in the background.

Photo 13: Looking south from the northern Halls access road one of the large 11 kV poles can be seen. 132 kV line will follow same alignment and span the secondary road.

Photo 14: Looking north on a section of the overhead powerline alignment west of the Riverside Park Ext 29 access road where the same alignment next to the road will be utilized for the new pylons. Underground cable will also follow this road from Croc Substation to Riverside Park.

Photo 15: Looking south the existing 11 kV line is aligned on the edge of the tree line east of the Crocodile River. The new line will follow a similar alignment but poles are much higher and 132 kV line will be above tree canopies.

Photo 16: Access road to Croc Substation. The road will be paved to allow for heavy vehicle transport to and from the substation.

Photo 17: Direction east. The proposed substation site is an old soccer field, level and transformed with mainly secondary grass growth.

Photo 18: Direction west. Substation site indicating secondary grass with acasia trees on the edge.