Avid designed, assembled and tested a 33kV kiosk for the Karratha Airport. Designed to integrate renewable energy (solar) sources at the site with conventional power supplies, the kiosk comprises integrated transformer, ring main unit (RMU), switchboard and controls for power management at the site.
Avid worked closely with enclosure manufacturer Aerison for design and assembly of the transportable frame and portals, ensuring compliance with both Australian Standards and the environmental considerations for the location (including certification for Region D wind conditions and ensuring sufficient airflow for the ambient design temperatures).

The kiosk utilised Eaton 415V switchgear assembled at Avid’s workshop, integrated with ComAp inteliPro and Woodward MRU4 protection relays. The 33kV RMU and assorted metering cubicle were a Tyree supplied Efacec FLUOFIX 36.