

WATER TRANSFER AND HYDRO-GENERATION RESUMES



On Saturday 24th May 2025, Muela Hydropower station unit 1&2 were successfully synchronised back to national load and water transfer into South Africa also commenced after the completion of major maintenance works of corrosion protection and tunnel rehabilitation which started in October 2024.

The return marks not only a major boost in the national energy stability through reduction of imported electricity, but also sustainable water supply into Gauteng province. Unit2 currently generates at full capacity while unit 3 have not yet reached its installed capacity with some technical faults under scrutiny by internal operations and maintenance team. Unit3 is not yet back online due to the delay in commissioning the unit's computer and excitation which were replaced during the maintenance period with the installation of the new ones with latest technology.

Unit1 is expected to be commissioned towards the end of this week by ABB, supplier of the upgraded latest computers and controllers whereas the transfer of water is back to normalcy thus retaining the royalties.

Upon completion of maintenance work and closing of all bulkheads, the team from Katse and 'Muela had to gradually fill the delivery tunnel, bypass, powerhouse from penstock, tailrace, increase dam level, fill transfer tunnel and do calibration of metres at Ngoajane before water transfer commences.