



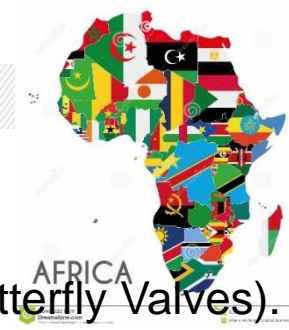
Install Base Dams & Hydro – Africa:



- 2020: Rusumo Falls Hydropower, 80 MW **Rwanda** (AVK Butterfly Valves).
- 2020: Matala Dam, 40 MW **Angola** (Orbinox 3 radial gates).
- 2020: Caucuss Reservoir (Dawn Park), **South Africa** (AVK Gate Valves & Butterfly Valves).
- 2020: Neckartal Dam **Namibia** 78.5m high. Refurbishment of previously supplied DN800 Check Valve.
- 2020: Direction Générale des Barrages et des Grands Travaux Hydraulique, **Tunisia** (AC.MO DN 1200/1600/1800 butterfly valves).
- 2019: Bwanje Multi-Purpose Dam, 40m high. **Malawi**.
- 2018: SOCOOPEC Department Irrigation. **Tunisia** (AC.MO DN800 Needle Valves).
- 2017: Aln Kercha GOUG C. **Algeria** (Orbinox 26 nos Fixed Cone Valves DN300/200).
- 2017: SOCOOPEC Department Irrigation. **Tunisia** (AC.MO DN1200/600 Needle Valves).
- 2015: Glen Alpine Dam. **South Africa**. (Gunric DN900 Butterfly Valves).
- 2015: SOGEMAF. **Tunisia**. (AC.MO DN500 Needle Valves).
- 2014: Loskop Dam. **South Africa**. 49m high (Gunric DN900 Butterfly Valves).
- 2013: Lilongwe Water Board, **Malawi**. (Orbinox Fixed Cone Valve DN500 + Sluice gates/Penstocks).
- 2013: COWATER Industry SA. **Tunisia**. (AC.MO DN500 Needle Valves).
- 2013: Lang Dam. **South Africa**. (Gunric DN800 Butterfly Valves).
- 2012: Mokolo River Project, DWAF. **South Africa** (Gunric Butterfly Valves up to DN1000/PN40).
- 2012: SOCOOPEC Department Irrigation, **Tunisia** (AC.MO DN1400 Needle Valves).
- 2012: Olifants River Project, DWAF. **South Africa** (Gunric Butterfly Valves up to DN1000/PN64).
- 2011: Neckartal Dam, **Namibia**. 78.5m high (Gunric DN1000 PN40 Butterfly Valves).
- 2010: SOCOOPEC Department Irrigation, **Tunisia** (AC.MO DN600 Needle Valves).
- 2010: Lang Dam, **South Africa**. (Gunric DN900 Butterfly Valves).



Install Base Dams & Hydro – Africa:



- 2009: Dikagong Dam, **Botswana**. (Gunric DN2600 Butterfly Valves).
- 2008: De Hoop Dam, **South Africa** 81m high (Gunric DN2000/1000/600 Butterfly Valves).
- 2008: Lower Usuma Dam WTP, **Nigeria** (WWE DN1500 Butterfly Valves etc.).
- 2007: Welbedacht Dam, **South Africa** 32m high (Gunric DN1200 Butterfly Valves).
- 2006: Koga Dam, **Ethiopia**. 34,5m high (GVL 450/400 Submerged Discharge Valve).
- 2003: Zaaihoek Dam. **South Africa**. 44m high (Gunric DN1200 Butterfly Valves).
- 2002: Swartkoppies, Rand Water Board **South Africa** (Premier Valves - DN1500 Spherical Valve, DN1500/1400/1200/1000 Sleeve Discharge Valves).
- 2002: Rand Water Board, Contract 1403 **South Africa** (Premier Valves – DN1500/1200 Wedge Gate Valves).
- 2002: Midmar Dam, **South Africa** 30m high (Gunric DN1800/1000/800 Butterfly Valves).
- 2000: Mohale Dam. **Lesotho**. 145m high (Gunric DN600/400 Butterfly Valves).
- 1999: Bivane Dam (Paris Dam), **South Africa** 72m high (Gunric DN1200/600 Butterfly Valves)
- 1999: Second Falls Hydro Scheme. Eskom. **South Africa** (Gunric DN1650 Butterfly Valves).
- 1998: Katse Dam, **Lesotho**. 185m high (Gunric DN600 Butterfly Valve for high velocities).
- 1998: Maguga Dam, 20 MW – **Eswatini/Swaziland** (Premier Valves DN1200/400 Sleeve Discharge Valves & Gunric DN1800 Butterfly Valves).
- 1998: Nandoni Dam (Mutoti Dam) , **South Africa** 43m high (Premier DN1000/600 Sleeve Valves & Gunric DN1400 Butterfly Valves).
- 1998: Department of Water Affairs, **South Africa** (Premier Valves – Sleeve Valves)



Install Base Dams & Hydro – Africa:



- 1997: Pungwe to Matare Christmas Pass, **Zimbabwe** (GVL 400/300 Submerged DV).
- 1997: Injaka Dam (Inyaka Dam), **South Africa** 51m high (Premier Valves - Sleeve Valves DN1000/400)
- 1996: Van Bach Dam, **Namibia** 35m high (Gunric, Double Eccentric Butterfly Valves).
- 1996: Driekoppies Dam, **South Africa** 50m high (Gunric DN2000/900 Butterfly Vlvs).
- 1996: Injaka Dam (Inyaka Dam) **South Africa** 51m high (Gunric DN1400/1000 Butterfly Valves)
- 1994: Katse Dam, **Lesotho** **185m high** (Premier Valves Sleeve Discharge Valves/Butterfly Valves/Wedge Gate Valves & Control Valves).
- 1991: Department of Water Affairs, **South Africa** (Premier Valves Sleeve Discharge Valves)
- 1986: Gue de Constantine, **Algeria** (GVL 600/600 Submerged Discharge Valve).
- 1986: Keddara Reservoir, **Algeria** (GVL Submerged Discharge Valve).
- 1983: Balanga Dam, **Nigeria** (GVL 1000/1000 Submerged Discharge Valves etc.)
- 1982: Chania Thika Dam, **Kenya** 63m high (800/800 Submerged Discharge Valve).
- 1981: Cross River, **Nigeria** (GVL penstocks and variety of valves).
- 1979: Oyan River Dam, **Nigeria** 30.5m high (GVL 66” Free Discharge/Fixed Cone Valve).
- 1978: Trichardsfontein Dam, **South Africa** 24m high (Gunric DN1400 Butterfly Valves).
- 1976: Grootdraai Dam, **South Africa** 42m high (Gunric DN2000 Butterfly Valves).
- 1975: Mierthieskraal Dam, **South Africa** (Gunric DN600 Butterfly Valves).
- 1975: Kangimi Reservoir, **Nigeria** (GVL 42”/42” Submerged Discharge Valve).



Install Base Dams & Hydro – Africa:



- 1974: Doorndraai Dam, **South Africa** 28m high (Gunric DN900/600 Butterfly Valves)
- 1972: Morgenstond Dam, **South Africa** 45m high (Gunric DN1800 Butterfly Valves)
- 1972: Vanderkloof Dam (P.K. Le Roux Dam), **South Africa** 108m high (Gunric DN1250 Butterfly Valves).
- 1969: Orange River, **South Africa** (GVL 72”/72” Submerged Discharge Valve).
- 1967: Oppermandrift Dam, **South Africa** (GVL 66” Free Discharge/Fixed Cone).
- 1966: Pangani Hydro-electric Scheme, 68 MW **Tanzania** (GVL 102” Butterfly Valve).
- 1965: Nyumba Ya Mungu Dam 8MW, **Tanzania** 43m high (GVL 2 nos 60” Free Discharge/Fixed Cone Valves), Consultants Sir William Halcrow & Partners.
- 1963: Edwaleni Dam 15 MW, **Eswatini/Swaziland** (GVL 54” Free Discharge / Fixed Cone Valve).
- 1955: Low Tana Hydro-electric Scheme 20MW, **Kenya** (GVL roller sluice gates, coarse fixed screens, control gates, butterfly valves & control valves).
- 1954: Owen Falls Hydro-electric Scheme 30 MW (Nalubaale Dam) , **Uganda** (Glenfield roller sluice gates, turbine control gates, screens etc).
- 1948: Churchill Dam (Kromme Dam), **South Africa** 43m high (Glenfield large sluice gate, 43,000 tonnes).
- 1935: Jebel Aulia Dam (on the White Nile), **Sudan** –
at the time the world’s largest dam (50 nos large Glenfield sluice gates).



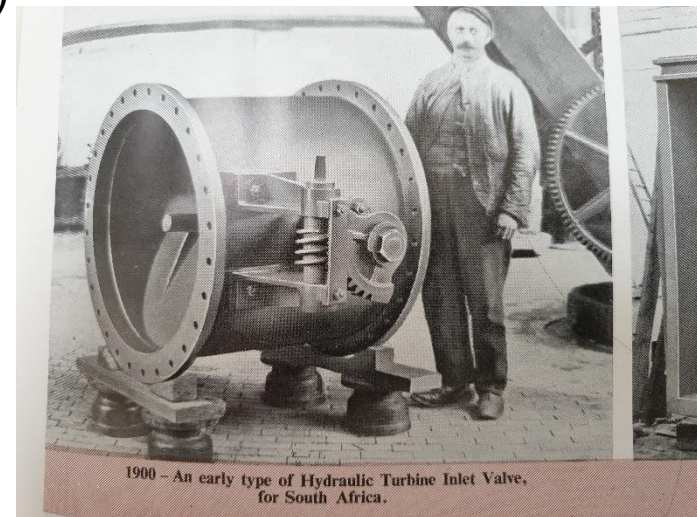
Install Base Dams & Hydro – Africa:



Unknown year of supply – but Premier also supplied Sleeve Discharge Valves for these dams/hydro schemes in South Africa (one in Lesotho):

- Amatola – DWAF (DN600)
- Slang River – DWAF (DN250/200)
- Zaaihoek Dam, 47m high – DWAF (DN600/400). 1988.
- Haarlem Dam – Vac Cent (DN150)
- Glen Melville Dam, 32m high – DWAF (DN1200/600)
- Zoeknog Dam – Grinaker (DN300)
- Lesotho Highlands (DN900/250)
- Saabie River, Bosbokrand – DWAF (DN250/100)
- Inanda Wiggins Aqueduct (DN200)
- Nondweni Weir (DN400)
- Ceres Dam, 64m high – DWAF (DN600/250)
- Rockview Dam, 48m high – DWAF (DN1400) 1986.
- Claridge Reservoir – Umgeni Water (DN300)

We know Glenfield Valves supplied valves for dams and hydro schemes in Africa at least since 1900 – see the photo above.



1900 – An early type of Hydraulic Turbine Inlet Valve, for South Africa.