



## Install Base Dams & Hydro – Africa:



AFRICA

- 2023: Mulungushi Reservoir, **Zambia**. Lusemfwa Hydro Power Co / Scatec (DN1600 Fixed Cone Valve)
- 2023: Hydrostation Lake Mutirikwi **Zimbabwe**, Frontier Energy (2 nos DN1100 Fixed Cone Valves).
- 2022: Karimenu II Dam Project, **Kenya** (AVK Butterfly Valves, Control Valves, Gate Valves <DN800)
- 2020-22: Thiba Dam, **Kenya** 40m high (AVK Gate Valves, Couplings, Adapters, Air Valves).
- 2021: Marovanyati Dam, **Zimbabwe**. ZINWA. (2 nos DN900 Premier Fixed Cone Sleeve Valves).
- 2021: Matala Dam, 40 MW **Angola** (Orbinox 3 radial gates).
- 2020: Rusumo Falls Hydropower, 80 MW **Rwanda** (AVK Butterfly Valves).
- 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: Kamuzu 1 Dam, Lilongwe, **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 Ball 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 (4 nos PVE Fixed Cone Sleeve Valves in s/s up to DN1400, smaller in PN40 with isolating butterfly & gate valves + 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 (DN250 PN40 Premier Fixed Cone Valve DN600 & DN400 Butterfly Valves 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 Fixed Cone Sleeve Valves/Butterfly Valves/Wedge Gate Valves & Control Valves).
- 1991: Department of Water Affairs, **South Africa** (Premier Valves Sleeve Discharge Valves)
- 1988: Zaaihoek Dam, 47m high. **South Africa.** (Premier Fixed Cone/Sleeve Valves DN600/DN400).
- 1986: Gue de Constantine, **Algeria** (GVL 600/600 Submerged Discharge Valve).
- 1986: Keddara Reservoir, **Algeria** (GVL Submerged Discharge Valve).
- 1986: Rockview Dam, **South Africa.** 48m high. (Premier Fixed Cone/Sleeve Valves DN1400).
- 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:



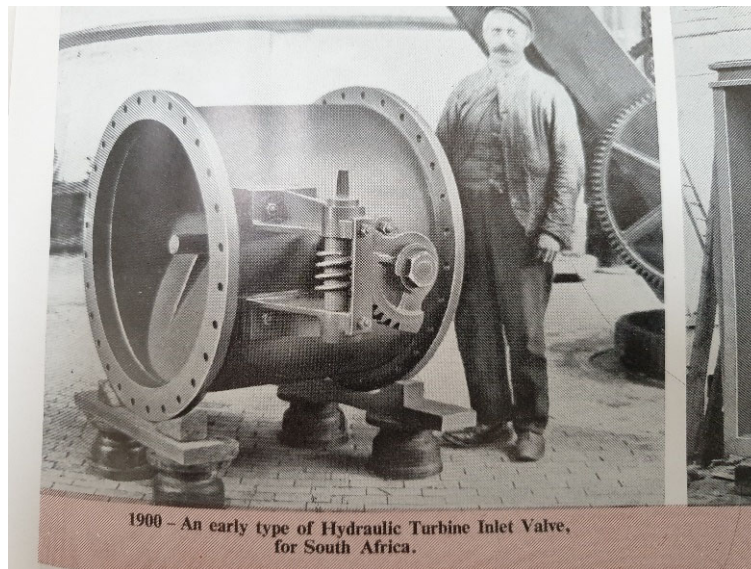
- 1974: Doorndraai Dam, **South Africa** 28m high (Gunric DN900/600 Butterfly Valves).
  - 1972: Morgenstond Dam, **South Africa** 45m high (Gunric DN1800 Butterfly Valves).
  - 1972: Vanderkloof Dam (P.K. Le Roux Dam), **South Africa** 108m high (Gunric DN1250 Butterfly Valves).
  - 1969: Orange River, **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).
  - 1960: Kwanyaku Dam, **Ghana** (Glenfield Fixed Roller Gates)
  - 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 roller gates).
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## Install Base Dams & Hydro – Africa:



- 1932-35: Khami River Dam, **Zimbabwe**. Bulawayo Water Supply (Glenfield 33 ft. span Sluice & Automatic Tilting Gates).
- 1934: Vaal River Barrage, Johannesburg, **South Africa** (36 nos Glenfield Free Roller Sluice Gates each 30ft. span x 25 ¼ ft.deep).
- 1929: Water Reservoir, Bulawayo, **Zimbabwe** (Glenfield Sluice Valves).
- 1928: Benguella Guando Falls, **Angola** (Glenfield Sliding DirectLift Gates).
- 1920: Lake Mentz Dam, Pretoria, **South Africa** (Glenfield Free Rolle Gates).
- 1913-19: Vaal River Barrage, Johannesburg, **South Africa** (Glenfield Free Roller Gates)
- 1913: Oliphants River, Pretoria, **South Africa** (Glenfield Free Roller Sluice Gates)



Glenfield Valves supplied valves for dams/hydro schemes in Africa since 1900, photo above.



## Install Base Dams & Hydro – Africa:



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

- Amatola – DWAF (DN600)
  - Slang River – DWAF (DN250/200)
  - 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)
  - Claridge Reservoir – Umgeni Water (DN300)
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