

## Cover Story

New project funding initiatives are helping to pave the way forward for the development of a variety of hydropower schemes across Africa

## 5 World News

Planning approval granted for Snowy 2.0 exploratory works in Australia; expedited hydro licensing process in the US proposed by FERC

## 10 Spotlight

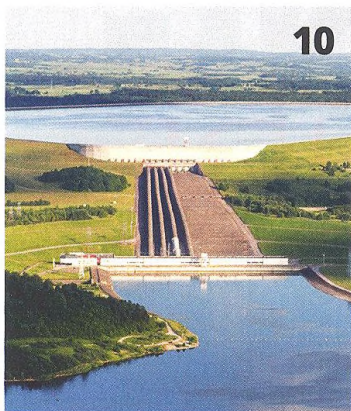
Tracking the development of pumped storage technology, which is set to help power the clean energy transition into the future.

**45**  
Classified

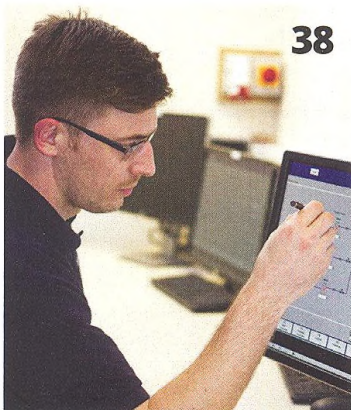
**50**  
Contacts

## features

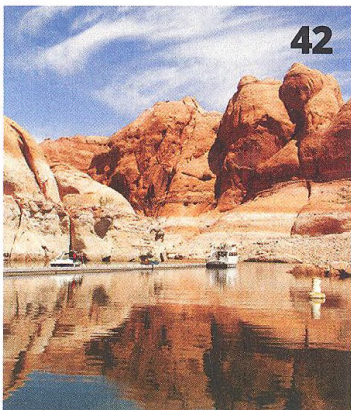
10



38



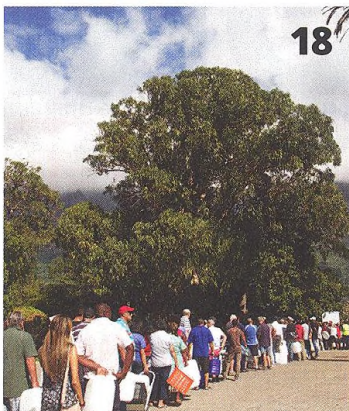
42



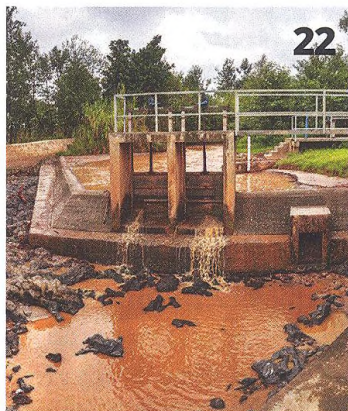
44



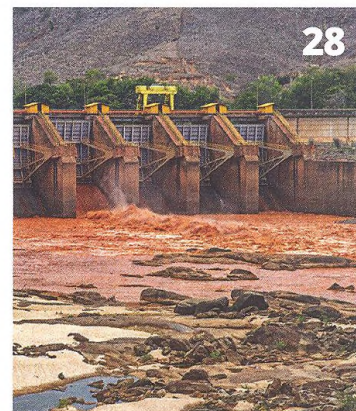
18



22



28



### People

**9**  
**People on the move**  
Latest appointments in the industry

### Africa

**14**  
**Developing Sendje**  
Details on the development of the largest hydropower scheme in Equatorial Guinea

**18**  
**Controlling Cape Town's alien invasion**  
The Western Cape Water Supply System in South Africa is under increasing threat from alien invasion and Day Zero

**20**  
**Getting down to business**  
Funding projects across Africa

**22**  
**A brighter place**  
Jorge Lascas explains how and why the African Power Platform is striving to make Africa a brighter place for all.

### Safety

**26**  
**Safe hydropower thanks to intelligent products**  
Voith is convinced that the hydropower plants of tomorrow are digital, intelligent and safer than ever

**28**  
**Tailings dam failures - can we minimise the risks?**  
Following the recent catastrophic failure of the Córrego do Feijão tailings dam in Brazil, Craig Goff from HR Wallingford considers the risks associated with these dams

**32**  
**The mind does matter**  
Suzanne Pritchard reports on efforts being undertaken to address mental wellbeing in the workplace

**38**  
**Top causes of PLC control system failure**  
James Davey of systems integrator Boulting Technology, discusses the top causes of PLC control system failure

**39**  
**Earthquake response**  
When a magnitude 4.4 earthquake hit east Tennessee in December 2018, TVA safety and inspection teams leapt into action

**40**  
**Sedimentation**  
**Reservoir monitoring for sustainable use**  
Gregory Morris shared his expertise on the subject of sediment management in a recent webinar

**42**  
**All eyes on the sediment prize**  
Competition aims to find more effective sediment removal techniques

**44**  
**Project development**  
**Milestone for Ocean\_2G project**  
Magallanes Renovables installs next generation of ATIR