

Cover Story

5 World News

10 Spotlight

46
Classified

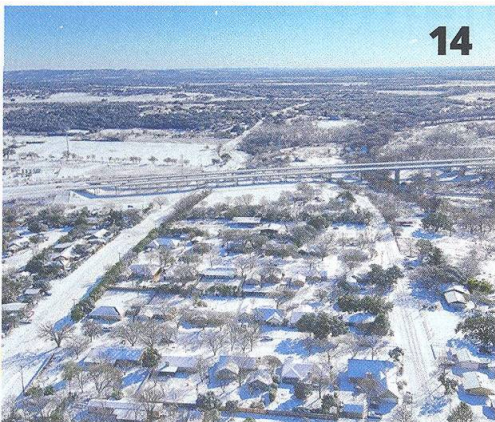
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Contacts

Specially designed and erected crane put to work on the Sainte-Rose hydroelectric dam on the island of La Réunion in the Indian Ocean

Québec approves Appalaches-Maine Interconnection Line project; Zarchob small hydropower plant completed on time in Uzbekistan

Dr Gamini Adikari and Natalie Kho of SMEC present details on dam safety practice and legislation in Australia

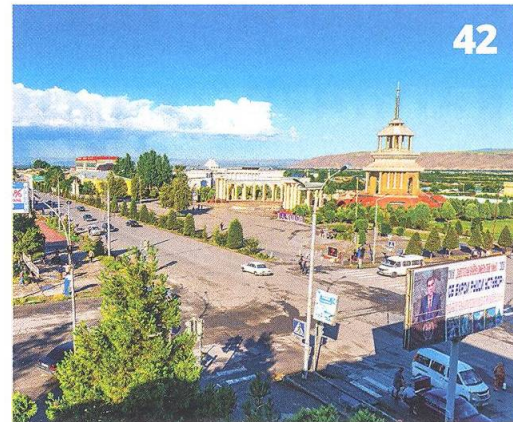
features



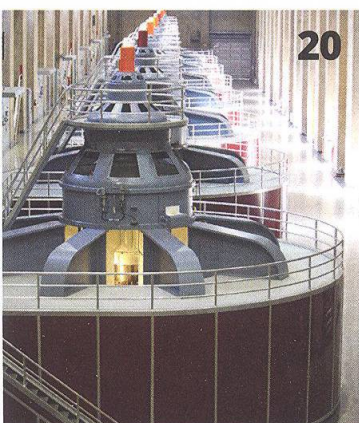
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42



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North America

14 Powering on

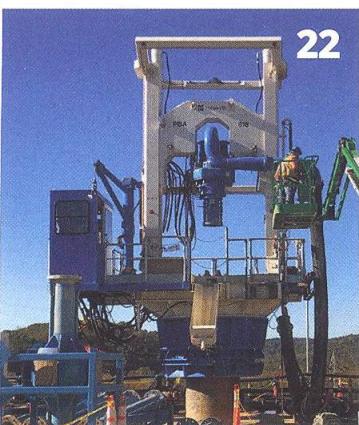
Hydropower's strategic role demonstrated across the US and Canada.

20 Market matters

The third edition of the US Hydropower Market Report has been released by the Department of Energy's Water Power Technologies Office, with the report identifying important trends affecting the sector

22 Recent refurbishment

Update on rehabilitation projects at hydropower and dam projects across North America

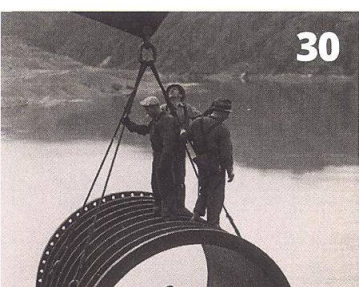


22

Equipment

25 Taking innovation to the limit

Robotic dam inspections and crane operation at a remote site feature here in IWP&DC's equipment update



30

28 Smarter site

How retrofitting heavy equipment with autonomous hardware and software could help create smarter, safer, more productive sites

Large dams

30 The legacy of large dams

The role of large dam development and the interplay between water supply and water demand

32 Making progress

Progress at dam projects in China, Pakistan and Australia.

Operation

34 The hot and cold of current and future hydropower dams

Researchers explain why they believe the thermal pollution of hydropower operations deserves closer attention by the water power industry

38 Reflect, review and adapt

Evaluation of Australia's world-first water reform, the Murray-Darling Basin Plan, says that it is having a positive and significant impact. However, challenges for adjustment are being felt. Governments, industries and communities are being urged to work together to improve their climate resilience, adapt water use and management, and help to preserve one of Australia's greatest natural assets.

Finance

42 Money matters

A look at hydropower investment across the globe

45 New era for green investment

The Climate Bonds Standard has launched new hydropower criteria for sustainable projects. Certification for hydropower is now formally available for issuers of green debt products across all markets.