

## Cover Story

Pumped storage development is gaining momentum across all areas of the globe, with projects on track in Australia, Europe and the US

## 5 World News

Refurbishment of existing hydropower a key topic at IRENA meeting; Industry welcomes EU recognition of sustainable hydropower

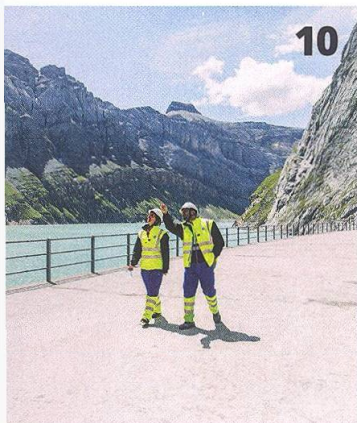
## 10 Spotlight

The IHA's 2020-21 Annual Report charts its achievements and priorities in advancing sustainable hydropower development

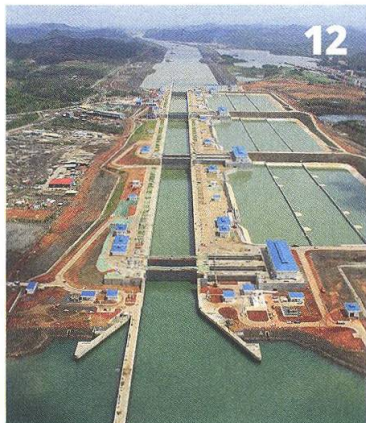
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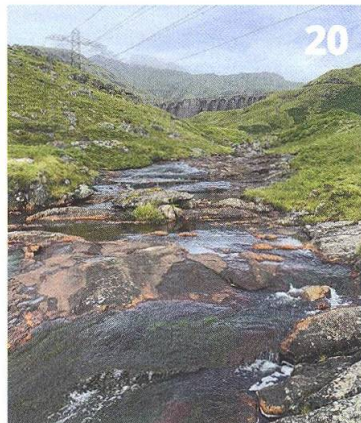
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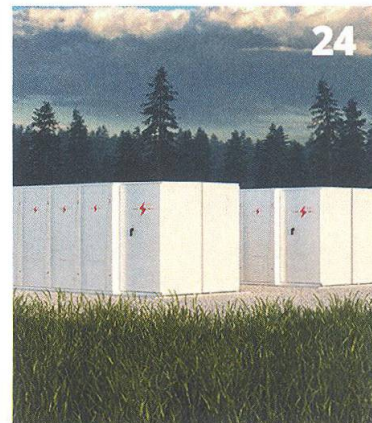
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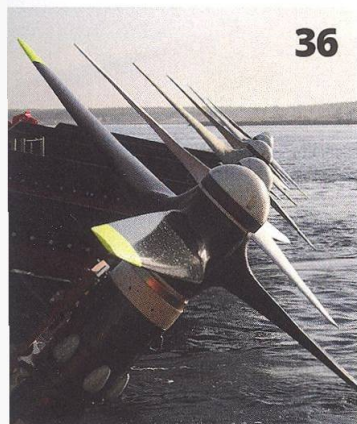
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### Q&A

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#### Stantec commits to carbon neutrality

IWP&DC speaks with Mario Finis, Executive VP

### Pumped storage

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#### Valuation guide

Guidebook helps value pumped storage technology

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#### High-Density Hydro

RheEnergy provides details on its High-Density Hydro product

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#### Providing vital storage capacity

What role could pumped storage play in the UK?

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#### An untapped solution

Pairing energy storage batteries with hydropower can provide key flexibility, integrate renewables, lower cost and maintain a reliable system

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#### Worldwide ambition

Round up of the latest pumped storage developments

### Tunnelling

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#### Custom equipment

Underground tunnelling projects can often present unforeseen challenges which require innovatively designed equipment to help resolve them

### Turbines

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#### Unlocking additional hydropower

IWP&DC spoke to Gia Schneider, CEO of Natel Energy, to find out more about the company and its products

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#### Tidal turbines

There have been considerable developments in tidal turbine technology over the past few years, with new projects on the cards, and current projects proving extremely successful in recent tests

### Spillways

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#### Cleveland dam deaths prompt public warning enhancements

Metro Vancouver is working to enhance safety measures.

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#### Addressing safety concerns

A dam safety modification project at Garrison Dam in the US is addressing concerns about spillway design

### Cyber security

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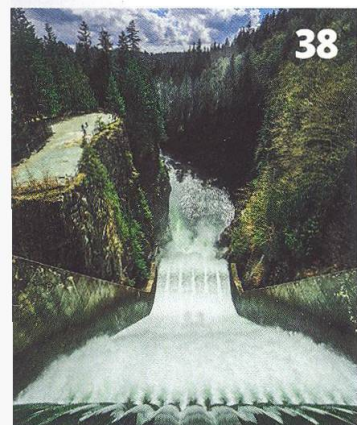
#### Best practices for cyber security

Roger Clarke-Johnson offers a practical guide to maintaining a strong cyber security posture

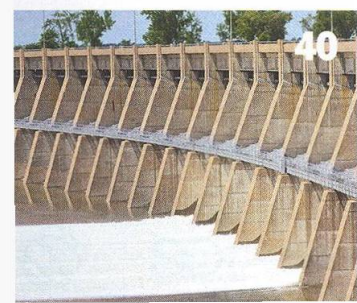
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#### Confronting cyber threats

Both the US and UK governments are addressing increasing cyber security concerns that can have negative impacts on critical infrastructure.



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