

ABB Review 4/2008

Fruits of innovation

Innovation highlights

6

An innovative 2008

ABB Review highlights eight great innovations of the year.

Product innovations

11

Living Space

Savings at your fingertips: Busch-Jaeger's stylish Living Space® concept makes saving energy more attractive than ever.

15

Getting it right the first time

The RE_60_ family of relays is ready to take the baton in distribution applications.

20

Breaking news

ABB is breaking records with its ultra-high-voltage gas-insulated switchgear in China.

25

Smarter platform, smarter process

ABB rolls out an improved quality control system for the paper industry.

29

Picking a winner and packing a punch

The second-generation FlexPicker™ is grabbing more than headlines.

System innovations

34

Taming the electric grid

Networking means power: Improved wide-area monitoring is helping control grid stability.

40

The future is now

A link buried beneath the sea bed: The world's largest offshore wind farm is going live with HVDC transmission.

44

Integrated safety

Safety shouldn't be an afterthought. With System 800xA High Integrity, it is an integral part of the control system.

R&D focus

49

Fueling efficiency

Food for thought: ABB's System 800xA is successfully monitoring small bioethanol production plants.



51

The correct jacket is required

Outdoor life requires the right clothing: New resins are keeping outdoor instrument transformers safe and dry.

55

Under surveillance

Advanced monitoring and control are making sure those electricity grids are behaving themselves.



Perpetual pioneering

59

HVDC

Innovation is about not always following the sines: ABB delivered a straight answer for bulk power transmission.

