

Photo: Bonneville Power Administration



Photo: SeeBA

### Wind energy: New technology for large towers

For a long time, the tubular steel tower was the measure of all things. But now, the concrete tower is growing in importance, as it allows greater hub heights to be achieved with less expenditure.

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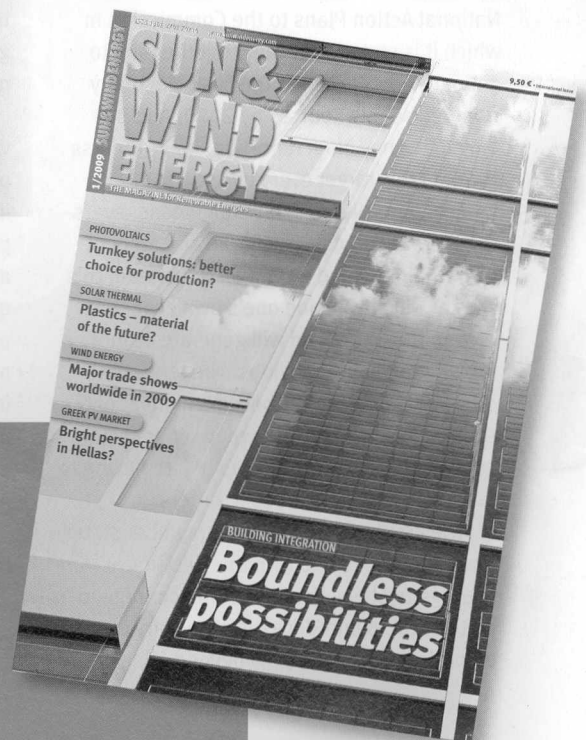
### Transmission problems in the US: Energy hung up in the queue

An overabundance of renewable energy should be good news in the US. However, in many renewable-rich areas, the clean energy cannot be integrated into the grid – due to long transmission queues. The solution will likely come from many fronts.

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### Building-integrated PV offers boundless possibilities

Numerous PV installations in façades and roofs show that it is possible to integrate solar modules directly into a building. Building-integrated photovoltaics is not only visually attractive, it also has clear technical advantages.



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Photo: Schüco International

## Solar thermal in Canada: One market, three incentive programmes

Canada supports three different target groups in utilising the sun for space heating and hot water preparation: private individuals, commercial and public customers and also multipliers. The first successes are becoming apparent. Nevertheless, there are still a few obstacles that need to be removed.

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Photo: Tamus Hydraulic Systems



Photo: abakus Solar AG

## Country Special Taiwan: Can it get even better?

In the last five years, the solar energy sector in Taiwan has become increasingly important and pushed the country to position four among the world's leading solar cell producers. Vice Minister of Economic Affairs Yen-Shiang Shih expects revenues on the PV market of € 2.25 billion in 2008 and twice that volume until 2015. The focus is set on solar cell production.

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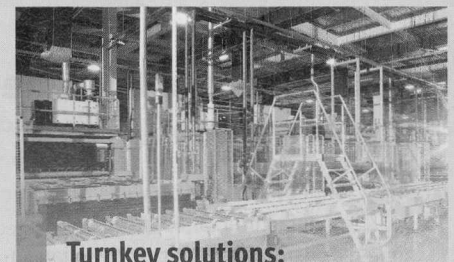


Photo: Oerlikon

## Turnkey solutions: Crisis-proof modular systems

The cost and price debates of the past two years have unquestionably shifted production technologies in the solar industry into the focus of attention. When establishing their production facilities, PV manufacturers basically have two choices: Do-it-yourself or turnkey solution?

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