

SYNOPSIS



Hydropower - Green Electricity

Das Öko-Stromland

A complete reconstruction lies ahead for our energy system over the next ten years. The traditional hierarchical energy supply structure is being turned on its head. Thanks to smart grids, people have the option of feeding electricity that they have produced themselves into the network, whilst on the other hand being able to continue to draw power from it when they need it. The overall optimisation of network loads is to everyone's benefit.

This film shows current developments and the way that such technologies work. From the energy-saving swimming pool to increasing the energy efficiency of buildings, the measures result in energy savings that lead to a reduction in CO₂ emissions of 600 tonnes per year. Today, modernisation work carried out on power plants is bringing about record efficiency factors of an impressive 59 per cent. Practical examples and theoretical considerations show how in future it will be possible to foster, generate and transport energy in an even cleaner, more efficient and environmentally friendly way.

Year: 2008

Run-Time: 1 x 26 min.

Directed by Hans Kutil

ORF

Available worldwide

Languages: German (ORIGINAL) , English (DUBBED)

Format: 16:9 , 16:9

» [SCREEN ONLINE](#)