

**SIEMENS****Partner for the Glass Industry****AEG Power Supply Systems GmbH****AEG**

Power supply systems

**Firmen Info**AEG Power  
Supply Systems**Country**

Germany

**City**

Warstein-Belecke

**Specialist for**Power Supply  
Systems**Industry**

Glass

**Specialist for Power Supply Systems****Company profile**

More than 50 years experience and technical know-how have made AEG Power Supply Systems GmbH the leading provider of contact-free, wear-free regulating thyristor control actuators. The devices regulate and monitor the electrical energy supply in all plants which react highly sensitive to temperature fluctuations – from the electrically heated glass melting to the roller cooling oven in flat glass production.

**Case study**

Exact compliance with certain temperatures is decisive for a high product quality in glass production processes. Only an optimized power regulation for heating/cooling can guarantee that no impermissible deviations occur. The AEG Thyro series forms the basis for even more efficient operation of glass production plants of all sizes: freedom from wear and digitization guarantee a consistent control accuracy and thus a constant product quality. The minimum mains feedbacks increase reliability of the plant and patented synchronization circuits guarantee economical use of energy. The Simatic PCS 7 control technology links the communicable thyristor power actuators to the process control via Profibus. The customer benefits from this project cooperation with Siemens in the form of safe, reproducible and documental quality. Michael Harro Liese, Head of the Power Actuators Department at AEG PSS praises the advantages of the cooperation: "The combination of Thyro series, Profibus and PCS 7 is the proven basis for successful, flexible results which are consistently oriented to our customers' requirements."

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