

## **BASLER ELECTRIC – CUSTOMIZED SOLUTIONS FOR RETROFIT & NEW GENERATOR/MOTOR CONTROL APPLICATIONS**

Basler Electric was founded in 1942 in Highland, Illinois, USA, manufacturing small motors and transformers then in 1959 moving into the electronics field with the design and manufacture of automatic Voltage Regulators for Generators. Today, Basler manufacture a broad range of analogue and digital AVR's but still make the original model due to worldwide demand for its robustness and reliability in all applications where reliability and simplicity are critical.

The first Basler analogue Static Excitation System was introduced in 1974 but of course today's excitation systems utilise digital controllers and are known as Digital Excitation Control Systems, or DECS. The DECS100 and 200 are off-the-shelf devices applied to generators rated up to approximately 100MW. The DECS400 is a standardised controller applied to engineered systems rated up to 2,500Amps and typically used on generators rated up to 400MW. The DECS400 has an integrated Power System Stabiliser (PSS). A relatively new addition to the Basler range is the ECS2100 that is rated up to 10,000Amps and is suitable for the largest machines available. The ECS2100 was acquired in 2006 when Basler purchased the excitation controls division of Westinghouse /Cutler Hammer.



For more details about Basler Electric range of products, we welcome you to our **Stand C19** at **Power Generation & Water Middle East Exhibition 11- 13 October 2009** in Abu Dhabi, United Arab Emirates.

Experience Basler Electric solutions first hand which have proved to create a long-term value for their user.