



## **Glendoe (Scotland / UK) Conveyor belt system**

**Client**

Scottish and Southern Energy (SSE) Ltd.

**Main contractor**

HochTief Glendoe Joint Venture

**Sub-contractor**

Marti Technics Ltd.

**Order value**

CHF 0,6 m

**Drawn up**

2006

**Services provided by Marti Technics Ltd.**

Design, planning and performance of the entire conveyor belt system including electrical installation.

**Description of the system**

- 1 Conveyor belt 1,520 m
- 1 Pivoted conveyor belt 35 m
- Automation and electrical system

**Technical data**

Conveyor belt system

- Total quantity to be conveyed 534,000 t
- Flow rate for conveyor belt 400 t/h
- Flow rate for pivoted conveyor belt 400 t/h
  
- Driving power of conveyor belt 2 x 200 kW
- Driving power of pivoted conveyor belt 2 x 11 kW
  
- Belt widths 800 mm

Automation and electrical system

- Fully-automatic control of material flow to final disposal site
- Installation of heavy-duty electrical supply 422 kW

