

## Duresca® busbars in gas turbine power plant



PPC Bratislava / Slovakia, in line with an upgrading of a gas turbine power plant, are using a Duresca® fully insulated busbar system for the connection between generator and switchgear, and switchgear to the power transformer.

A large part of this run is located in an outside situation. Therefore and thanks to its standard protection tube which covers also the exposed outside application, the choice of Duresca® busbars is particularly appropriate.

The nominal generator power of 68.24 MVA leads to a design current of 4000 A under a voltage rating of 17.5 kV. The corresponding short circuit capability is 63 kA during 1 s.

### The scope of supply incorporates

- 63 individual busbars for a total length of 485 m
- about 100 bends
- 57 sleeves
- and what is a tradition by MGC, all the necessary hardware for the fixation, earthing and relevant accessories

MGC disposes of the necessary expertise to handle successfully such large projects.

