

Duresca® busbar in the industry



LG Display, a worldwide reputed manufacturer of flat TV monitors, is producing the panels in South Korea. Up to now the MV Energy supply from the main power transformer to the switchgear was realized with air insulated busduct systems. To upgrade and ensure the power supply for the production line of the panels they took the decision to use a fully insulated Duresca® busbar system:

- Duresca® can be installed outdoor as well as indoor
- Thanks to the protection tube there is no risk of humidity and moisture ingress, which guarantees a long lifespan of the system
- No condensation, no heater is needed
- Maintenance free
- Natural cooling
- Single solid insulated phases
- Phase crossings are possible
- Plug in solutions for switchgear connections
- Vibration resistant

This order consists in the delivery of:

- one three phase set of 24 kV and 3150A busbars.
The system length consists of 325 meters
- the delivery was effective in February 2010

MGC disposes of the necessary capacity, experience and expertise to carry out successfully such projects. And this project's success has led to a new order from LG Display for a new extension on the same substation.



Phases crossing