

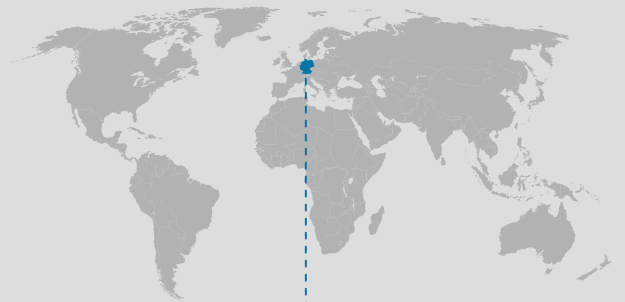
SOLUTION NOTE

RUDOLF-HARBIG SOCCER STADIUM
Dresden Local Stadium (Germany)

RUDOLF-HARBIG SOCCER STADIUM ELECTRIC POWER SUPPLY SOLUTION

The reconstruction of the Rudolf-Harbig-Stadium of the city Dresden was following the concepts of the architect Martin Beyer from Rostock. The claim "Building for Emotions" was leading the construction of the new domicile for the supporters of the soccer team SG Dynamo Dresden. The stadium is sport facility for professional, school and popular sports, as well as venue for big events in Dresden. The construction was finished in November 2009 and has a capacity of 32.400 spectators. The costs for the stadium project added up to approx. 43 Mio Euro. The reconstruction is the 5th rebuilt football stadium in East Germany, it was used 2010 during the U20 **Women's Soccer World Cup** and it is planned to be used during the Women's Soccer World Cup in 2011.

DUE TO » 2008
CLIENT » WISAG
LOCATION » Dresden, Germany
SOLUTION » GAE630 switchgear
N. OF PANELS » 6
SEGMENT » End Users (E3U) - Leisure Building



ORMAZABAL GAE630:
FIXED MOUNTED, SINGLE BUSBAR,
GAS INSULATED SWITCHGEAR UP TO 24 KV

Switchgear Types:
LOAD BREAK SWITCH (K)
FUSE PROTECTION (TS)
METERING (M)



THE CHALLENGE AND THE SOLUTION

As the new stadium is replacing the old one, some parts were reused in the new construction. However, the old MV switchgear system was completely renewed during the construction phase. The customer requirements were the optimal safeguarding of the power supply while occupying the less space possible.

GAE630 gas insulated switchgear type met all requirements and was chosen for the prestige project.

Electric Data:
24 kV – 630 A – 16 kA

Scope of Supply:
6 Panels

In addition, the units were equipped with woodward protection relays and were prepared for remote control.

Thanks to Ormazabal Solution, the client obtained the following benefits:

- High reliability, reduced maintenance needs
- High security of supply
- Climate resistant
- Maximum personnel safety
- Simple and robust design and operation
- Flexibility to integrate customer specific equipment