

CCE references 2009

- **S.S. YARACUY, 765/400/230/20kV**
EDELCA
Commissioning leadership of the secondary systems and high voltage equipment and Commissioning of the protection system and control system
- **H.P.P. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS**
EUAÇ
Elaboration of AS BUILT documentation
- **H.P.P. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS**
EUAÇ
Elaboration of AS BUILT documentation
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV**
TALUM d.d.
Overhaul testing of the protection systems and extension of SCS – Inclusion of bays
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV**
Vattenfall
Delivery of protection and local control systems
Commissioning of the protection system and local control system
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV**
Vattenfall
Delivery of protection and local control systems
Commissioning of the protection system and local control system
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV**
Fortum
Delivery of protection and local control systems for 145kV a
Commissioning of the protection of 145kV line
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV**
Vattenfall
Delivery of protection and local control systems
Design and configuration of protection and local control systems
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV**
Vattenfall
Delivery of protection and local control systems
Design and configuration of protection and local control systems
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV**
Vattenfall
Replacement the protection of 145kV lise
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV**
Vattenfall
Replacement the protection of 145kV lise

- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV**
 RGPC, ALKAHRAMAA, Qatar
 Commissioning of the protection system and SCS
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV**
 SONELGAZ
 Commissioning of the protection system and SCS
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV**
 SONATRACH
 Commissioning of the protection system and SCS
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV**
 SONELGAZ
 Intervention on gateway type COM581
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV**
 Electrica Angamos
 Commissioning leadership of the secondary systems and high voltage equipment and commissioning of the protection system and control system
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV**
 EDELCA
 Commissioning of the protection system and local control system
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV**
 ENELVEN
 Commissioning of the protection system and local control system
- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV, BANILAD**
 TRANSCO

Corrective maintenance - MBSC server repair and intervention

- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV, BANILAD, MANDAUE**
TRANSCO

Corrective maintenance - MBSC server repair and intervention

- **Eleven S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV, BANILAD, MANDAUE, SULAIMANIYAH STAGE IV, 132/33/11kV**

M.O.E. Iraq, SULAIMANIYAH STAGE IV

Delivery of protection and local control systems for

Design of protection and local control systems for

- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV, BANILAD, MANDAUE, SULAIMANIYAH STAGE IV, 132/33/11kV, VETROCOM, 110/20kV**

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Delivery of SCS and configuration of protection system

Commissioning of SCS and protection system

- **S.S. YARACUY, 765/400/230/20kV, ATATURK, 8 GENERATORS, KARAKAYA, 6 GENERATORS, TALUM d.d., 110/10kV, HEDEMORA, 145/20/10kV, MOCKFJÄRD, 145/20kV, MALUNG, 145/20kV, LAGGARHULT, 145/20kV, KATRINEHOLM, 145/20kV, SKÖLDINGE, 145/20kV, SNACKETORP, 145/20kV, DESALINATION PLANT RAS LAFFAN, 400/220/66/11kV, AIN DJASSER, 220kV, HASSI R'MEL, 60/5kV, EL MADHER, 60/30kV, ANGAMOS, 220kV, LA ARENOSA, 765/400/230/20kV, TAMARE, 138/13,8kV, BANILAD, MANDAUE, SULAIMANIYAH STAGE IV, 132/33/11kV, VETROCOM, 110/20kV, OUED DJER, 60/30kV**

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Delivery of protection and SCS

Design of protection and SCS