

CCE references 2003

- **TS JEBBA, 330kV**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **TS JEBBA, 330kV, KADUNA**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **TS JEBBA, 330kV, KADUNA, AKANGBA**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **TS JEBBA, 330kV, KADUNA, AKANGBA, AJA**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **PS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE**
N.E.P.A.
Replacement of distance protection on 330kV line - design and delivery and extension of existing protection and control system of two bays
- **TS JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN**
N.E.P.A.
Design and delivery

- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV**
TRANSELECTRICA
Design and delivery of protection system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV**
EDELCA
Commissioning of centralized disturbance recording systems
- **S.S./T.P.P. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV**
Saudi Arabian Oil Company
Commissioning of automatic synchronizing system
- **MV SWITCHGEAR JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče**
Paper mill Vevče
Commissioning of medium voltage cells
- **Three S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV**
TALUM d.d.
Extension of SCADA system and configuration. Commissioning of SAS and protection system
- **JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne**
GORENJSKE ELEKTRARNE
Delivery and configuration of generator protection
- **S.S./T.P.P. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV**
TE Brestanica
Implementation of the communication link with the regional control center
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114**

MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV

SONELGAZ

Commissioning of the protection and SCADA system

- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV**
SONELGAZ
Commissioning of the protection and SCADA system
- **T.P.P. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV, RAS ABU FONTAS**
AL KAHRAMAA
Generator protection system: Training course for end user staff
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV, RAS ABU FONTAS, NORTH SUPER**
AL KAHRAMAA
Delivery of BCU REC561
Extension of existing substation control system, design, configuration and
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV, RAS ABU FONTAS, NORTH SUPER, AL MUSSAFAH, 400/220kV**
ADWEA
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Commissioning of the protection system
- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV, RAS ABU FONTAS, NORTH SUPER, AL MUSSAFAH, 400/220kV, AL KHAZNA, 220/33kV**

ADWEA

Commissioning of the protection system

- **S.S. JEBBA, 330kV, KADUNA, AKANGBA, AJA, BENIN, AJAOKUTA, JEBBA, EGBIN, KAINJI, SHIRORO, SAPELE, EGBIN, PITESTI, 220/10kV, EDELCA/CARUACHI 1, 400kV, QATIF PROJECT, 115/13,8kV, Paper mill Vevče, TALUM d.d. , 20/0,4kV, Gorenjske elektrarne, BRESTANICA 2x114 MW TURBOGAS, 110/10kV, BEL HIRANE, 220/30kV, NEZLA, 220/30kV, HADJIRA, 220/30kV, MONSOURAH, 60/30/10kV, SEDDIKIA, 60/30/10kV, EL HARRACH, 60/10kV, ARBAA, 220/60kV, RAS ABU FONTAS, NORTH SUPER, AL MUSSAFAH, 400/220kV, AL KHAZNA, 220/33kV, AL SHAHAMA, 220/33kV**

ADWEA

Commissioning of the protection system