

CCE references 2007

- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW**
Balkan Energy USA
Commissioning of protection system
- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE**
Ansaldo Energia S.p.A.
Configuration, setting and testing of the protection system
- **OIL RIG OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE**
CHEVRON
Delivery the line differential protection of MV cable delivery of communication converter
Overhaul testing of the protection system and and delivery and commissioning of communication converter SPA/MODBUS
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07**
TALUM d.d.
Extension of SCS – Inclusion of new substation
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION**
TALUM d.d.
Extension of SCS – Inclusion of compressor station
- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON**
CORYTON
Overall testing of the generator protection system
- **Shipyards, Ship OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL**
BP, United Kingdom
Testing of protection system
- **Three S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV**
AL KAHRAMAA, Qatar
Commissioning of protection and SCS systems
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV**
SONELGAZ
Configuration, setting and testing of the protection system and SCS
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV**
SONELGAZ
Extension of SCS Configuration, setting and testing
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV**
SONELGAZ
Configuration, parameterisation and design of gateway type COM500
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV**
Paper mill TAKA
Testing of protection and SCS systems

- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV**
HAMA
Testing of protection and SCS systems
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV**
SONELGAZ
Commissioning of gateway type COM581
- **Eight S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV**
SONELGAZ
Commissioning of gateway type COM500
- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India**
Ansaldo Energia S.p.A
Commissioning of generator protection
- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA**
Balkan Energy, USA
Commissioning of protection system
- **H.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV**
Troyer Italy
Commissioning of transformer protection
- **PUMP STATION OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV**
GMRWUA
Commissioning of protection system
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV**
GESOL
Refurbishment of SCS
- **T.P.P. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07,**

COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW

ROOSECOTE CCGT

INSPECTION – testing of generator protection

- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW, TRAKATA, 110/20kV**
EON
Commissioning of protection and SCS systems
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW, TRAKATA, 110/20kV, KOLTORP EXTENSION, 220/70kV**
EoN, Vattenfall, Fortum
Overall design of the secondary systems
- **OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW, TRAKATA, 110/20kV, KOLTORP EXTENSION, 220/70kV, REMOTE TERMINAL UNIT, ABB PRODUCT RTU560**
ABB AG
Development of communication protocols
- **S.S. OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW, TRAKATA, 110/20kV, KOLTORP EXTENSION, 220/70kV, REMOTE TERMINAL UNIT, ABB PRODUCT RTU560, BARAPUKURIA, 230/132/33kV**
PGCB
Verification of proper operation of the voltage regulation in parallel operation of power transformers
- **OSAGYEFO BARGE 2 X 82.5MW, TIMPAGRANDE, CAPTAIN OFF SHORE, TP07, COMPRESSOR STATION, CORYTON, SHIPYARD FERROL , QATAR PHASE VII, 400/220/66/11kV, AIN DJASSER SWITCHYARD, 220kV, ARBAA, 220/60kV, SONELGAZ 8, 132/60kV, MOBIL, 60/11kV, DESALINISATION UNIT HAMA , 60kV, EL MADHER, 60/30kV, SONELGAZ, 132/60kV, VALUTHUR 95MW India, OSAGYEFO BARGE 2 X 82.5MW GHANA, MOLINI DI TURES , 132kV, BENGHAZI CONVEYANCE PUMP STATION C319 - 2 X 20MW, 60/11kV, TOBRUK, 220/33kV, ROOSECOTE 230 MW, TRAKATA, 110/20kV, KOLTORP EXTENSION, 220/70kV, REMOTE TERMINAL UNIT, ABB PRODUCT RTU560, BARAPUKURIA, 230/132/33kV**
Commissioning of Generator 4