

CCE reference 2012

- **TP ATVIDABERG**, 132/22/11kV
EON Sweden
Zagon celotne transformatorske postaje.
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV
MOE
FAT zaščitnih sistemov in SCS
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV
NIPP TRANSMISSION
Dobava sistema za kontrolo vklopa odklopnikov
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV
NIPP TRANSMISSION
Spuščanje v pogon sistemov zaščite, vodenja in in pomožnega napajanja izmeničnim in enosmernim tokom
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV
NIPP TRANSMISSION
Spuščanje v pogon sistemov zaščite, vodenja in pomožnega napajanja z izmeničnim in enosmernim tokom
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV
TALUM d.d.
Redno letno preizkušanje zaščitnega sistema
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV
EEPSCO
Spuščanje v pogon sistemov zaščite in vodenja za razširitev obstoječe trafo postaje
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV
EEPSCO
Dobava numeričnega sistema vodenja
Spuščanje v pogon sistemov zaščite in vodenja za razširitev obstoječe trafo postaje
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV
EEPSCO
Spuščanje v pogon sistemov zaščite in vodenja za razširitev obstoječe trafo postaje
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV
EEPSCO
Spuščanje v pogon sistemov zaščite in vodenja za razširitev obstoječe trafo postaje
- **ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV
M.O.E. Iraq
Spuščanje v pogon sistemov zaščite in vodenja
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**

M.O.E. Iraq

Spuščanje v pogon sistemov zaščite in vodenja

- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV
Energinet DK
Spuščanje v pogon sistema zaščite
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV
AZERENERJI
Vodenje spuščanja v pogon in spuščanja v pogon sistemov zaščite in vodenja
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV
BELFOUR BEATTY RAIL Sweden
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC E113
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV
TENET
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV
ALPIQ Generation
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV
Svenska Kraftnat
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV
Scottish and Southern Energy, Scotland
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC T183
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**,

330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV

BKK Nett AS

Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC E113 regulator

- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV
BKK Nett AS
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV
Energinet DK
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV
Vattenfall
Spuščanje v pogon regulatorja vklopa odklopnika SWITCHSYNC F236
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV
ADE
Kompleten inženiring sistemov vodenja in zaščite
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV
PWS
Kompleten inženiring in dobava sistema zaščite zbiralk
- **Tri TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV
SONELGAZ
Razširitev sistema vodenja

- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV
 TANESCO
 Kompletan inženiring sistemov vodenja, zaščite in pomožnega napajanja z izmeničnim in enosmernim tokom
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV
 TANESCO
 Razširitev sistemov zaščite in vodenja
- **TP ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV, **MAKUMBUSHO**, 132/33/11kV
 TANESCO
 Razširitev sistemov zaščite in vodenja
- **HE ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV, **MAKUMBUSHO**, 132/33/11kV, **MAVUZI**, 110kV
 Electricidad de Mozambique
 Kompletan inženiring in dobava sistemov vodenja, zaščite in pomožnega napajanja z izmeničnim in enosmernim tokom za nadgradnjo obstoječega 110kV polja
- **TE ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV, **MAKUMBUSHO**, 132/33/11kV, **MAVUZI**, 110kV, **ANGAMOS**, 220kV
 ABENGOA
 Sprememba zaščitnega sistema
- **TE ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**,

220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV, **MAKUMBUSHO**, 132/33/11kV, **MAVUZI**, 110kV, **ANGAMOS**, 220kV, **ANGAMOS**, 220kV

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Servis sistema za lociranje okvar paralelnih daljnovodov

- **Daljinska postaja ATVIDABERG**, 132/22/11kV, **AMARA**, 400/220kV, **UGWUAJI**, 330/132/33kV, **UGWUAJI**, 330/132/33kV, **OKE ARO**, 330/132/33kV, **TALUM d.d.**, 110/10kV, **DEBRE MARKOS**, 400/230/66/15kV, **LEGETAFO**, 230/132/15kV, **SEBETA II**, 400/230/33kV, **SULULTA**, 400/230/132/33/15kV, **KHORMALA**, **VESTER HASSING SYNCHRONOUS COMPENSATOR**, 500kV, **ALUMINIUM ZAVOD GANDJA**, 330/110/33/10kV, **KALIX**, 130kV, **BECHTERDISSEN**, 400/110kV, **KLADNO**, 400/110kV, **DANDERYD**, 220/70kV, **BEAULY**, 275/400kV, **KOLLSNES**, 300/34/22kV, **SAMMANGER**, 420/300/132kV, **REVSING**, 400kV, **VASTERVIK**, 135/61kV, **TAMANRASSET**, 220/10kV, **EL KSEUR**, 220kV, **BECHAR**, 30/10kV, **NEW CITY CENTRE**, 132/33kV, **ILALA**, 132/33/11kV, **MAKUMBUSHO**, 132/33/11kV, **MAVUZI**, 110kV, **ANGAMOS**, 220kV, **ANGAMOS**, 220kV, **ABB RTU560**

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Razvoj komunikacijskih protokolov