

Primary Events Database

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Database Filename: strom_poruch.ped

ID: 1IT_CT_110

Probability: 8.6301E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 110kV průřadový 4krát, zdroj: CIGRE Brochures 512 a Electric Power Distribution Reliability Second Edition © 2009

ID: 1Odpo_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 1Odpo_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 1Odpo_LisW11

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 1Odpo_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a

podklady SSED

ID: 1Odp0_LisW13

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 1Traf110vy110

Probability: 8.4474E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: CB 110 kV, liveTanks, SF6, zdroj: CIGRE Brochures 510 a A Review of the Reliability of Electric Distribution System Components: EPRI White Paper

ID: 1Traf110vyp22

Probability: 1.0559E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: 1_RH1istic

Probability: 1.4382E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: 1_RH2istic

Probability: 1.74654E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: 2IT_CT_110

Probability: 8.6301E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 110kV proudový 4krát, zdroj: CIGRE Brochures 512 a Electric Power Distribution Reliability Second Edition © 2009

ID: 2Odpo_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 2Odpo_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 2Odpo_LisW11

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 2Odpo_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 2Odpo_LisW13
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 2Traf110vy110
Probability: 8.4474E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: CB 110 kV, liveTanks, SF6, zdroj: CIGRE Brochures 510 a A Review of the Reliability of Electric Distribution System Components: EPRI White Paper

ID: 2Traf110vyp22
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: 2_RH1istic
Probability: 1.4382E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: 2_RH2istic
Probability: 1.74654E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

, zdroj: IEEE 493

ID: 3IT_CT_110

Probability: 8.6301E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 110kV proudový 4krát, zdroj: CIGRE Brochures 512 a Electric Power Distribution Reliability Second Edition © 2009

ID: 3Odp_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 3Odp_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 3Odp_LisW11

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 3Odp_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 3Odp_LisW13

Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: 3Traf110vy110
Probability: 8.4474E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: CB 110 kV, liveTanks, SF6, zdroj: CIGRE Brochures
510 a A Review of the Reliability of Electric Distribution
System Components: EPRI White Paper

ID: 3Traf110vyp22
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: 3_RH1istic
Probability: 1.4382E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600
A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: 3_RH2istic
Probability: 1.74654E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600
A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: 4Odpo_110W1
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 4Odpo_110W2
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 4Odpo_LisW11
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 4Odpo_LisW12
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 4Odpo_LisW13
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 4_RH1istic
Probability: 1.4382E-7 (Constant failure rate/Unit time)
Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: 4_RH2istic

Probability: 1.74654E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: 5Odpo_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 5Odpo_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 5Odpo_LisW11

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 5Odpo_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 5Odpo_LisW13

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 5_RH1istic

Probability: 1.4382E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: 5_RH2istic

Probability: 1.74654E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: 6Odpo_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 6Odpo_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a

podklady SSED

ID: 6OdpO_LisW11

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 6OdpO_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 6OdpO_LisW13

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 7OdpO_110W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 7OdpO_110W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: 7OdpO_LisW12

Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: 8Odpo_110W1
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: 8Odpo_110W2
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: ANG1
Probability: 8.457E-6 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description:

ID: ANG1Deon
Probability: 1.4382E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600
A, normally closed trp., ckt. inc., zdroj: IEEE 493

ID: ANG1Pripojnic
Probability: 7.8975E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No

Description: Switchgear, bare bus, <=600 V, all cabinets, ckt. bkrs. not included, zdroj: IEEE 493

ID: ANG1_IT_nap

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT napätový 1krát, zdroj: IEEE 493

ID: ANG1_TS22

Probability: 2.05132E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Transformer, liquid, non-forced air, <=3000 kVA, zdroj: podklady SSED

ID: ANG2

Probability: 8.604266E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description:

ID: ANG2Deon

Probability: 2.9109E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: ANG2Pripojnic

Probability: 7.8975E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switchgear, bare bus, <=600 V, all cabinets, ckt. bkrs. not included, zdroj: IEEE 493

ID: ANG2_IT_nap
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT napätový 1krát, zdroj: IEEE 493

ID: ANG2_TS22
Probability: 2.05132E-6 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Transformer, liquid, non-forced air, <=3000 kVA,
zdroj: podklady SSED

ID: ANG_CB_TieB
Probability: 6.963E-8 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, <=600V, zdroj: IEEE
493

ID: ANL_UPSstatic
Probability: 2.14155E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: UPS static, small computer room floor, zdroj: IEEE
493

ID: ANLne_Auto_sw
Probability: 5.62205E-5 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE

493

ID: ANLza_Auto_sw

Probability: 5.62205E-5 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE 493

ID: ATJ1_Auto_sw

Probability: 5.62205E-5 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE 493

ID: ATJ1_Battery

Probability: 4.59816E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Battery, gel cellsealed, strings, zdroj: IEEE 493

ID: ATJ1_Pripoj

Probability: 5.4109E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switchgear, insulated bus, <=600 V, all cabinets, ckt. bkrs. not included, zdroj: IEEE 493

ID: ATJ1_Usmernov

Probability: 8.16432E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Usmerňovač do 220V jednosmerných, rozvádzač ATJ,

zdroj: IEEE 493

ID: ATJ2_Auto_sw

Probability: 5.62205E-5 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE 493

ID: ATJ2_Battery

Probability: 4.59816E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Battery, gel cellsealed, strings, zdroj: IEEE 493

ID: ATJ2_Pripoj

Probability: 5.4109E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Switchgear, insulated bus, <=600 V, all cabinets, ckt. bkrs. not included, zdroj: IEEE 493

ID: ATJ2_Usmernov

Probability: 8.16432E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Usmerňovač do 220V jednosmerných, rozvádzač ATJ, zdroj: IEEE 493

ID: ATJ_CB_TieB

Probability: 2.28E-9 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Circuit breaker, 600V, 3-phase, fixed, including molded case, <=600 A, n.c., trp. ckt. inc., zdroj: IEEE 493

ID: Auto_sw_RH1
Probability: 5.62205E-5 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE 493

ID: Auto_sw_RH2
Probability: 5.62205E-5 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, automatic transfer, 0 to 600A, zdroj: IEEE 493

ID: Auto_sw_sub1
Probability: 5.62205E-5 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, automatic transfer, 0 to 600 A, zdroj: IEEE 493

ID: CBQ1_1Fail_op
Probability: 3.36E-5
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_Q1 pri povele rozopnutia (16% of Total failures, all voltages), zdroj: IEEE 493

ID: CBQ2_1Fail_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_Q2 pri povele zopnutia (7% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_ANG1_op
Probability: 3.36E-5
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_deón ANG1 pri povele rozopnutia (16% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_ANG2_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_deón ANG2 pri povele zopnutia (7% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_Bypass
Probability: 2.3444E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, 3-phase, fixed, including molded case, <=600 A, n.o., trp. ckt. inc., zdroj: IEEE 493

ID: CB_Q1_Fail_op
Probability: 3.36E-5
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_Q1 pri povele rozopnutia (16% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_Q2_Fail_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_Q2 pri povele zopnutia (7% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_QA_Fail_op
Probability: 3.36E-5
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_QA pri povelé rozopnutia (16% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_QB_Fail_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_QB pri povelé zopnutia (7% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_QT_Fail_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_QT pri povelé zopnutia (7% of Total failures, all voltages), zdroj: IEEE 493

ID: CB_TieBre_NN
Probability: 1.74654E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: Kab_vedenieNN
Probability: 2.24E-9 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Cable NN, aboveground, no conduit, <=600 V, per 20 m, zdroj: IEEE 493

ID: Lis137ITprud

Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT 22kV proudový [1krát], zdroj: IEEE 493

ID: Lis137ITsum
Probability: 1.1415E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT 22kV súčtový proudový [1krát], zdroj: IEEE 493

ID: Lis137vyp22
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Výkonový vypínač 22kV na linke č. 137 Lis., zdroj: IEEE 493

ID: Lis22W11_ITna
Probability: 1.36984E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT_napätový, 4krát, zdroj: IEEE 493

ID: Lis22W12_ITna
Probability: 1.36984E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT_napätový, 4krát, zdroj: IEEE 493

ID: Lis22W13_ITna
Probability: 1.36984E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT_napätový, 4krát, zdroj: IEEE 493

ID: Lis22_W1W2_IT
Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic
Dormant: No
Description: IT_prúdový, 1krát, zdroj: IEEE 493

ID: Lis22_W2W3_IT
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT_prúdový, 1krát, zdroj: IEEE 493

ID: Lis22vyp_W1W2
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: Lis22vyp_W2W3
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: LokDOU23DOU21
Probability: 1.83583E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Lokalizácia poruchy, reakcia dispečinku a rozopnutie príslušného DOU, úsek DOU23_DOU21, zdroj: podklady SSED

ID: LokPor137DOU2
Probability: 2.48197E-4 (Constant failure rate/Unit time)
Type: Basic
Dormant: No

Description: Lokalizácia poruchy na 1. úseku VN vedenia linky č. 137, kde je 9 vývodov TS 22/0,4kV a manuálne rozopnutie úsekového odpínača príslušného poruchového TS vývodu, zdroj: podklady SSED

ID: Lok_DOU23DOU2

Probability: 4.5895E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Lokalizácia poruchy, reakcia dispečinku a rozopnutie príslušného DOU, úsek DOU23_DOU2, zdroj: podklady SSED

ID: Lok_zaDOU21

Probability: 4.58957E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Lokalizácia poruchy, reakcia dispečinku a rozopnutie príslušného DOU, úsek za DOU21, zdroj: podklady SSED

ID: NTX_1_Battery

Probability: 4.59816E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Battery, gel cellsealed, strings, zdroj: IEEE 493

ID: NTX_1_Usmerno

Probability: 8.16432E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Usmerňovač do 220V jednosmerných, rozvádzač NTX_A11, zdroj: IEEE 493

ID: NTX_2_Battery

Probability: 4.59816E-6 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Battery, gel cellsealed, strings, zdroj: IEEE 493

ID: NTX_2_Usmerno

Probability: 8.16432E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Usmerňovač do 220V jednosmerných, rozvádzač
NTX_B12, zdroj: IEEE 493

ID: NoEnergyToQA

Probability: 9.450452E-4 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description:

ID: NoEnergyToQB

Probability: 9.450452E-4 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description:

ID: Odp110_T101W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: Odp110_T101W2

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: Odp110_T102W1

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odp110_T102W2
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odp110_T103W1
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odp110_T103W2
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_LisW11VS
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_LisW13VS
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a

podklady SSED

ID: Odpo_T101

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_T102

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_T103

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_W11_W12L

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_W11_W12P

Probability: 9.79569E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Odpo_W12_W13L

Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: Odpo_W12_W13P
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 22kV, zdroj: CIGRE Brochures 511 a
podklady SSED

ID: Por_DOU_2
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_DOU_21
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_DOU_23
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_E1_BEZvyj

Probability: 9.77341E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Porucha E1 bez výjazdu (manipulácie) na celej linke 137 Lis., zdroj: podklady SSED

ID: Por_E1_vyjazd
Probability: 1.096463E-5 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: E1 - s výjazdom (manipuláciou) na vývode TS Čebrať, zdroj: podklady SSED

ID: Por_usek_odp1
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE 493

ID: Por_usek_odp2
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE 493

ID: Por_usek_odp3
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE 493

ID: Por_usek_odp4

Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_usek_odp5
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_usek_odp6
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_usek_odp7
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_usek_odp8
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE
493

ID: Por_usek_odp9
Probability: 5.204106E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switch, disconnect, enclosed, >5kV, zdroj: IEEE 493

ID: PrieOdp110_W1
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: PrieOdp110_W2
Probability: 9.79569E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Odpojovač 110kV, zdroj: CIGRE Brochures 511 a podklady SSED

ID: Pripoj110_W1
Probability: 3.13925E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Prípojníca 110kV, zdroj: A Review of the Reliability of Electric Distribution System Components: EPRI White Paper

ID: Pripoj110_W2
Probability: 3.13925E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Prípojníca 110kV, zdroj: A Review of the Reliability of Electric Distribution System Components: EPRI White Paper

ID: Pripoj22_W11
Probability: 4.64882E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switchgear, bare bus, >5 kV, all cabinets, ckt.
bkrs. not included, zdroj: IEEE 493

ID: Pripoj22_W12
Probability: 4.64882E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switchgear, bare bus, >5 kV, all cabinets, ckt.
bkrs. not included, zdroj: IEEE 493

ID: Pripoj22_W13
Probability: 4.64882E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switchgear, bare bus, >5 kV, all cabinets, ckt.
bkrs. not included, zdroj: IEEE 493

ID: RH1_CB_Diesel
Probability: 2.3444E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, 3-phase, fixed, including
molded case, <=600 A, n.o., trp. ckt. inc., zdroj: IEEE 493

ID: RH1_IT_nap
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT napätový 1krát, zdroj: IEEE 493

ID: RH1_IT_prudQ1
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT prúdový 1krát, zdroj: IEEE 493

ID: RH1_diesel
Probability: 0.001737832 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Diesel engine generator, unpackaged, 750kW to 7MW, standby, zdroj: IEEE 493

ID: RH1_dis
Probability: 1.119185E-5 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description:

ID: RH1hlavnyvyp
Probability: 1.4382E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally close trp., ckt. inc., zdroj: IEEE 493

ID: RH1pripojnica
Probability: 7.8975E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switchgear, bare bus, <=600 V, all cabinets, ckt. bkrs. not included, zdroj: IEEE 493

ID: RH2_CB_Diesel
Probability: 2.3444E-7 (Constant failure rate/Unit time)

Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, 3-phase, fixed, including molded case, <=600 A, n.o., trp. ckt. inc., zdroj: IEEE 493

ID: RH2_IT_nap
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT napäťový 1krát, zdroj: IEEE 493

ID: RH2_IT_prudQ2
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT prúdový 1krát, zdroj: IEEE 493

ID: RH2_diesel
Probability: 0.001737832 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Diesel engine generator, unpackaged, 750kW to 7MW, standby, zdroj: IEEE 493

ID: RH2_dis
Probability: 1.906152E-5 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description:

ID: RH2hlavnyvyp
Probability: 1.74654E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Circuit breaker, 600 V, drawout (metal clad), <600 A, normally open trp., ckt. inc., zdroj: IEEE 493

ID: RH2pripojnica
Probability: 7.8975E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: Switchgear, bare bus, <=600 V, all cabinets, ckt.
bkrs. not included, zdroj: IEEE 493

ID: RH_QT_Fail_cl
Probability: 1.785E-4
Type: Basic
Dormant: Yes
Description: Zlyhanie CB_QT pri povelie zopnutia (7% of Total
failures, all voltages), zdroj: IEEE 493

ID: Roz110_LMA
Probability: 2.218305E-10
Type: Undeveloped
Dormant: No
Description: zdroj: podklady SSED

ID: Roz110_MOK
Probability: 2.218305E-10
Type: Undeveloped
Dormant: No
Description: zdroj: podklady SSED

ID: Roz110_SUC
Probability: 2.218305E-10
Type: Undeveloped
Dormant: No
Description: zdroj: podklady SSED

ID: T101_ITnap
Probability: 6.8492E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No

Description: IT 22kV_napätový 2krát, zdroj: IEEE 493

ID: T101_ITprud

Probability: 1.02738E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 22kV_prúdový 3krát, zdroj: IEEE 493

ID: T102_ITnap

Probability: 6.8492E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 22kV_napätový 2krát, zdroj: IEEE 493

ID: T102_ITprud

Probability: 1.02738E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 22kV_prúdový 3krát, zdroj: IEEE 493

ID: T103_ITnap

Probability: 6.8492E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 22kV_napätový 2krát, zdroj: IEEE 493

ID: T103_ITprud

Probability: 1.02738E-6 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT 22kV_prúdový 3krat, zdroj: IEEE493

ID: T21_IT_prud

Probability: 3.4246E-7 (Constant failure rate/Unit time)

Type: Basic

Dormant: No

Description: IT_prúdový, 1krát, zdroj: IEEE 493

ID: T21_vyp_22
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: T22_IT_prud
Probability: 3.4246E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: IT_prúdový, 1krát, zdroj: IEEE 493

ID: T22_vyp_22
Probability: 1.0559E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: 22 kV metal-clad circuit breaker, zdroj: IEEE 493

ID: TS_22_Cebrat
Probability: 2.05132E-6 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Transformer, liquid, non-forced air, <=3000 kVA,
zdroj: podklady SSED

ID: Trafo_110_101
Probability: 4.81988E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: SSED_110, Transformer, liquid, forced air, >10 000
kVA<=50 000 kVA, Forced air, zdroj: podklady SSED

ID: Trafo_110_102
Probability: 4.81988E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: SSED_110, Transformer, liquid, forced air, >10 000 kVA<=50 000 kVA, Forced air, zdroj: podklady SSED

ID: Trafo_110_103
Probability: 4.81988E-7 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: SSED_110, Transformer, liquid, forced air, >10 000 kVA<=50 000 kVA, Forced air, zdroj: podklady SSED

ID: UPS_sub1
Probability: 2.14155E-6 (Constant failure rate/Unit time)
Type: Basic
Dormant: No
Description: UPS static, small computer room floor, zdroj: IEEE 493

ID: VN_22_kabel
Probability: 2.23304E-5 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Dĺžka káblového vedenia VN 1km, zdroj: podklady SSED

ID: VN_22_vzduch
Probability: 5.672881E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Dĺžka vzdušného vedenia (holý vodič) VN 10km, zdroj: podklady SSED

ID: VVN_13,724km3
Probability: 2.42457E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Porucha vedenia 110kV dĺžky 13,724km LIS_LMA,
zdroj: podklady SSED

ID: VVN_13,724km4
Probability: 2.42457E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Porucha vedenia 110kV dĺžky 13,724km LIS_LMA,
zdroj: podklady SSED

ID: VVN_28,1km856
Probability: 4.96433E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Porucha vedenia 110kV dĺžky 28,1km LIS_SUC, zdroj:
podklady SSED

ID: VVN_28,1km857
Probability: 4.96433E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Porucha vedenia 110kV dĺžky 28,1km LIS_SUC, zdroj:
podklady SSED

ID: VVN_29,609km
Probability: 5.23092E-4 (Constant failure rate/Unit time)
Type: Undeveloped
Dormant: No
Description: Porucha vedenia 110kV dĺžky 29,609km LIS_MOK,
zdroj: podklady SSED

ID: VVN_33,1km205
Probability: 5.84767E-4 (Constant failure rate/Unit time)
Type: Undeveloped

Dormant: No

Description: Porucha vedenia 110kV dĺžky 33,1km MOK_LMA, zdroj:
podklady SSED

ID: VVN_33,1km206

Probability: 5.84767E-4 (Constant failure rate/Unit time)

Type: Undeveloped

Dormant: No

Description: Porucha vedenia 110kV dĺžky 33,1km MOK_LMA, zdroj:
podklady SSED

ID: Vlas_Spot

Probability: 5.622612E-5

Type: Undeveloped

Dormant: No

Description:

ID: W11NoE

Probability: 1.273484E-5

Type: Undeveloped

Dormant: No

Description:

ID: W13NoE

Probability: 1.273484E-5

Type: Undeveloped

Dormant: No

Description: