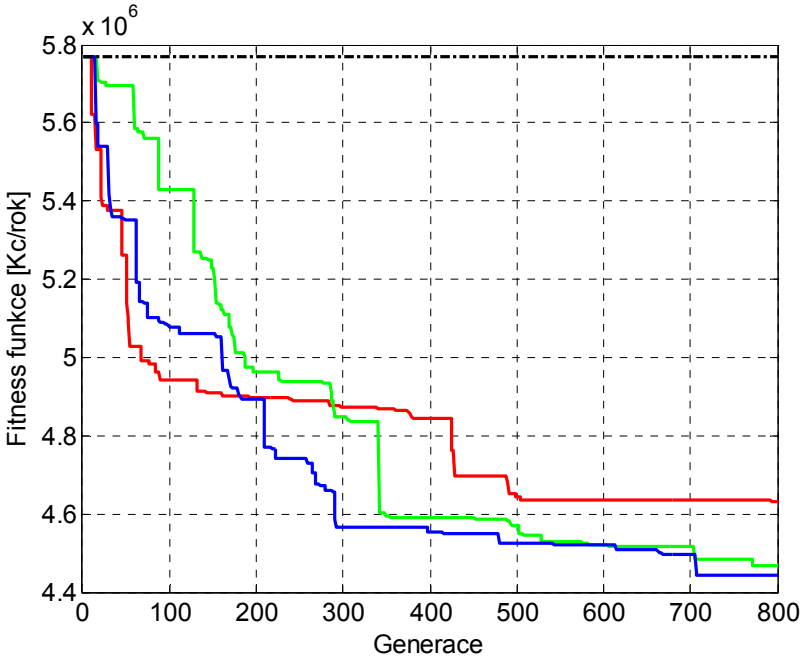
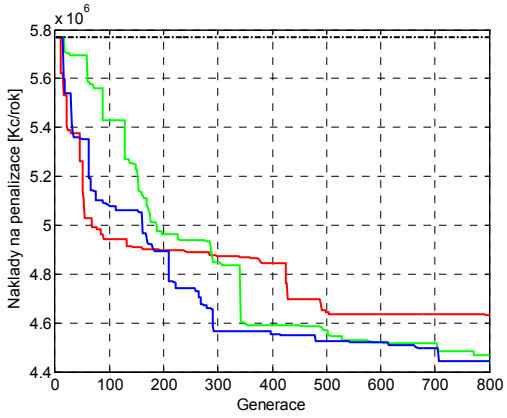
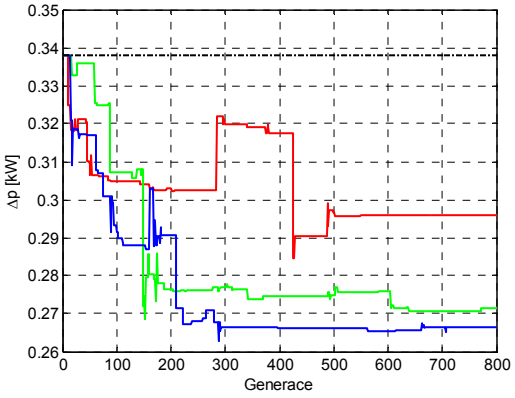
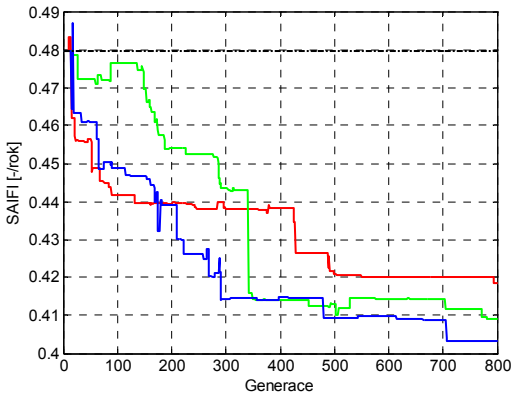
Přílohy 1

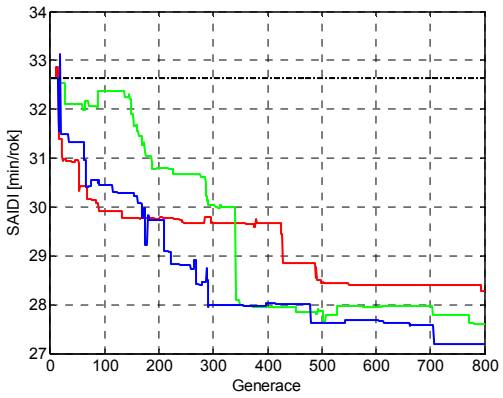
A Průběhy pro nastavení C_FI



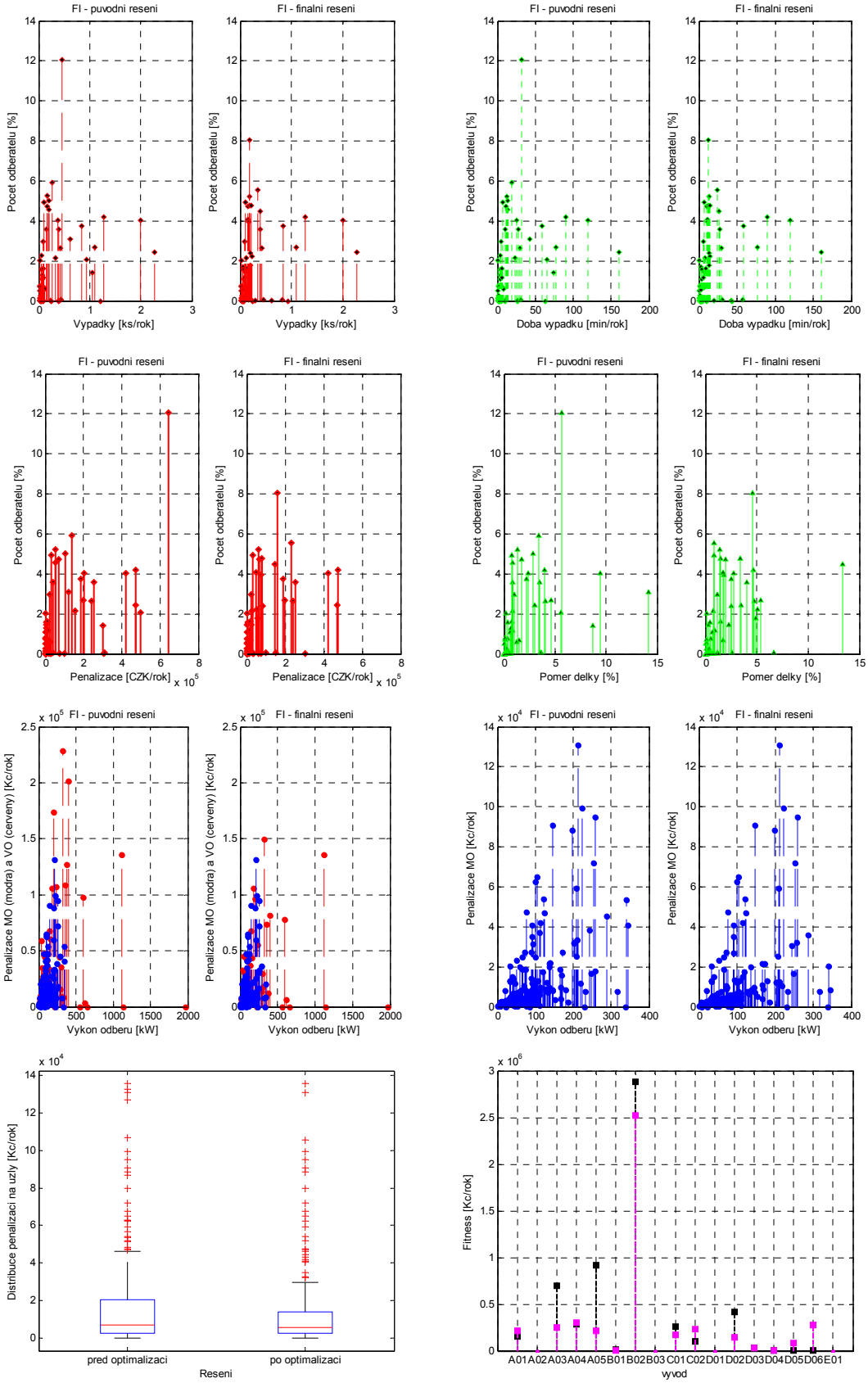


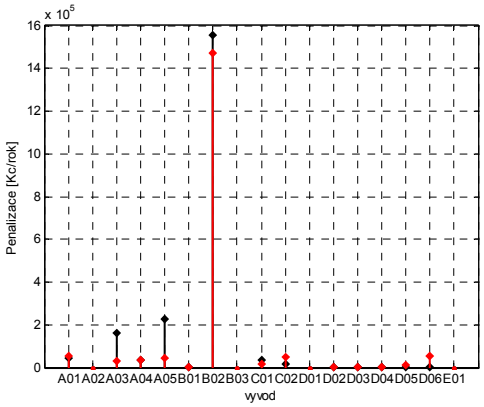


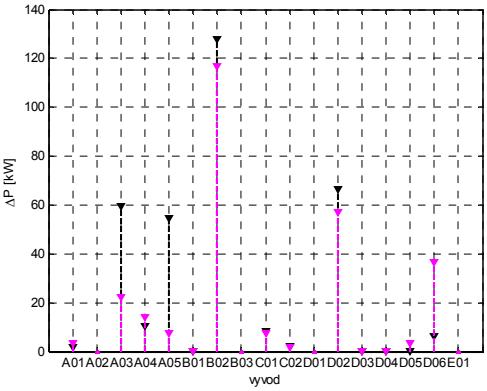


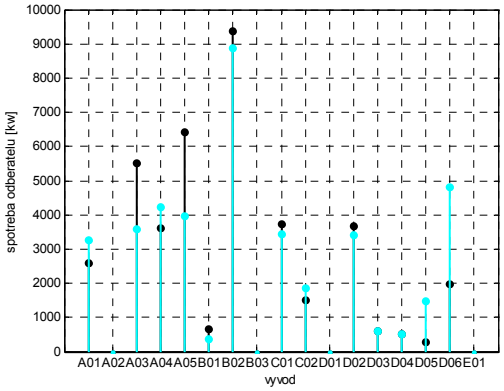


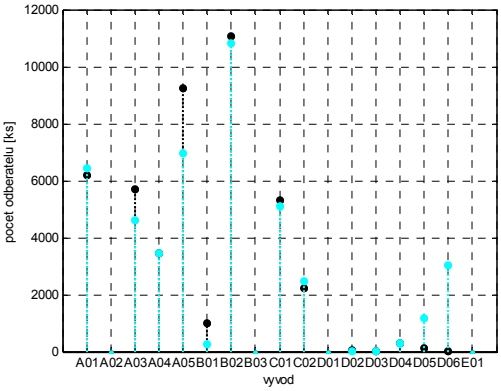
Pro další analýzu je vybran 2. průběh (zelený).

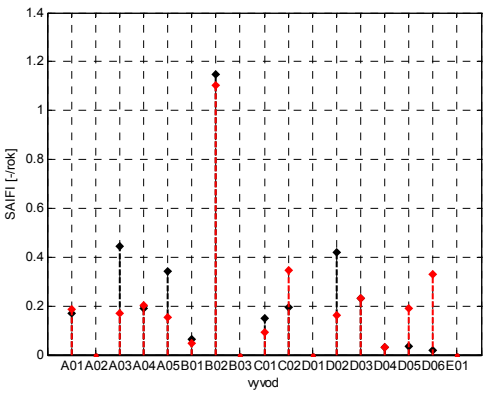

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
x 10^6
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

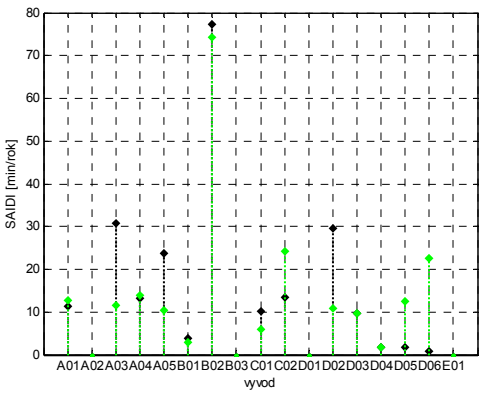

x 10^5
Penalizace [Kc/rok]
vyvod

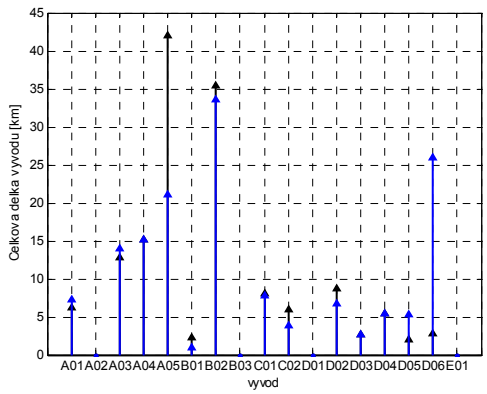

ΔP [kW]
vyvod

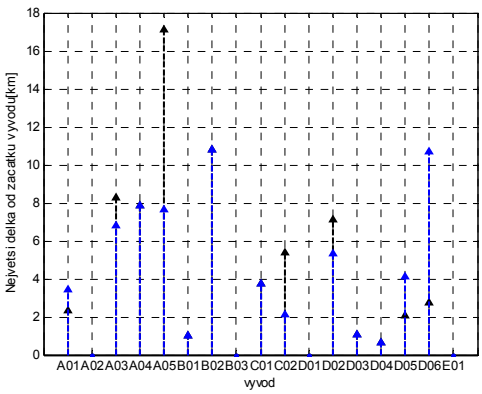

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

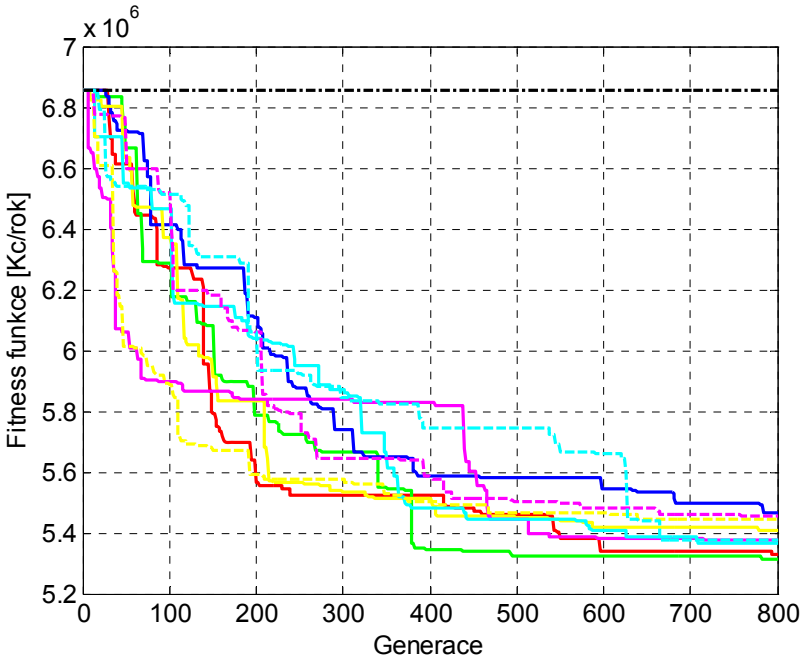

SAIFI [-/rok]
vyvod

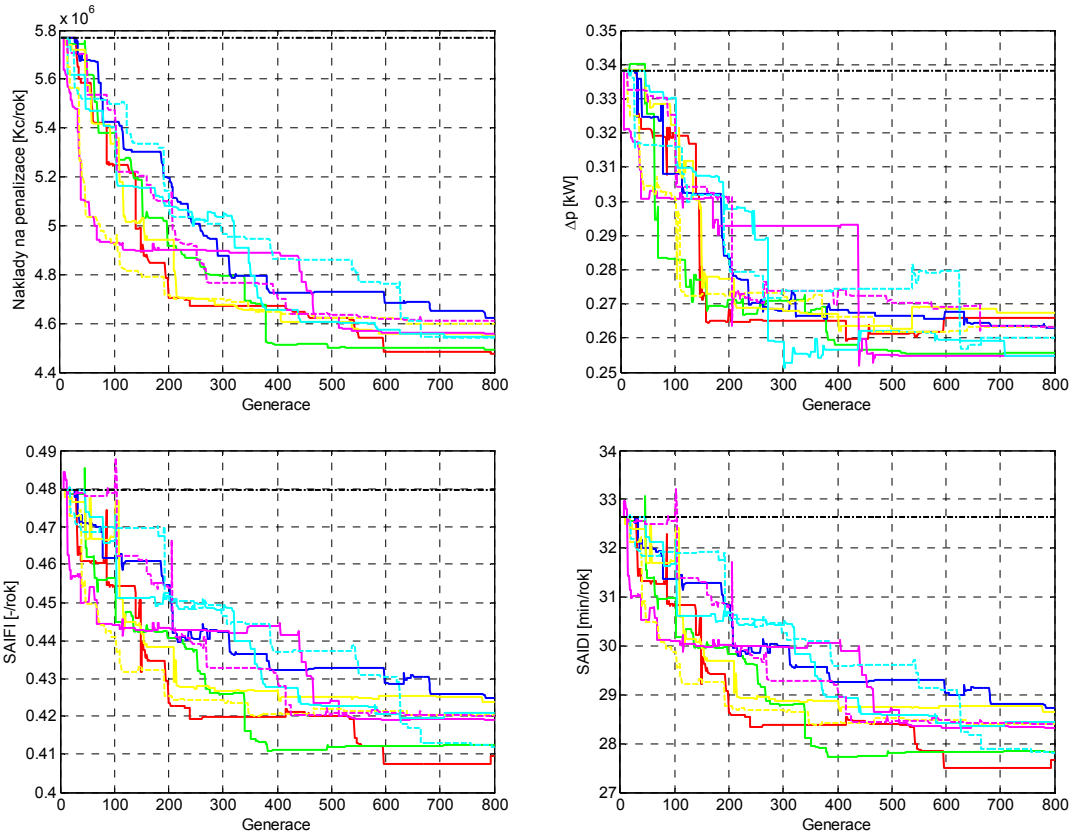

SAIDI [min/rok]
vyvod


Celkova delka vyvodu [km]
vyvod

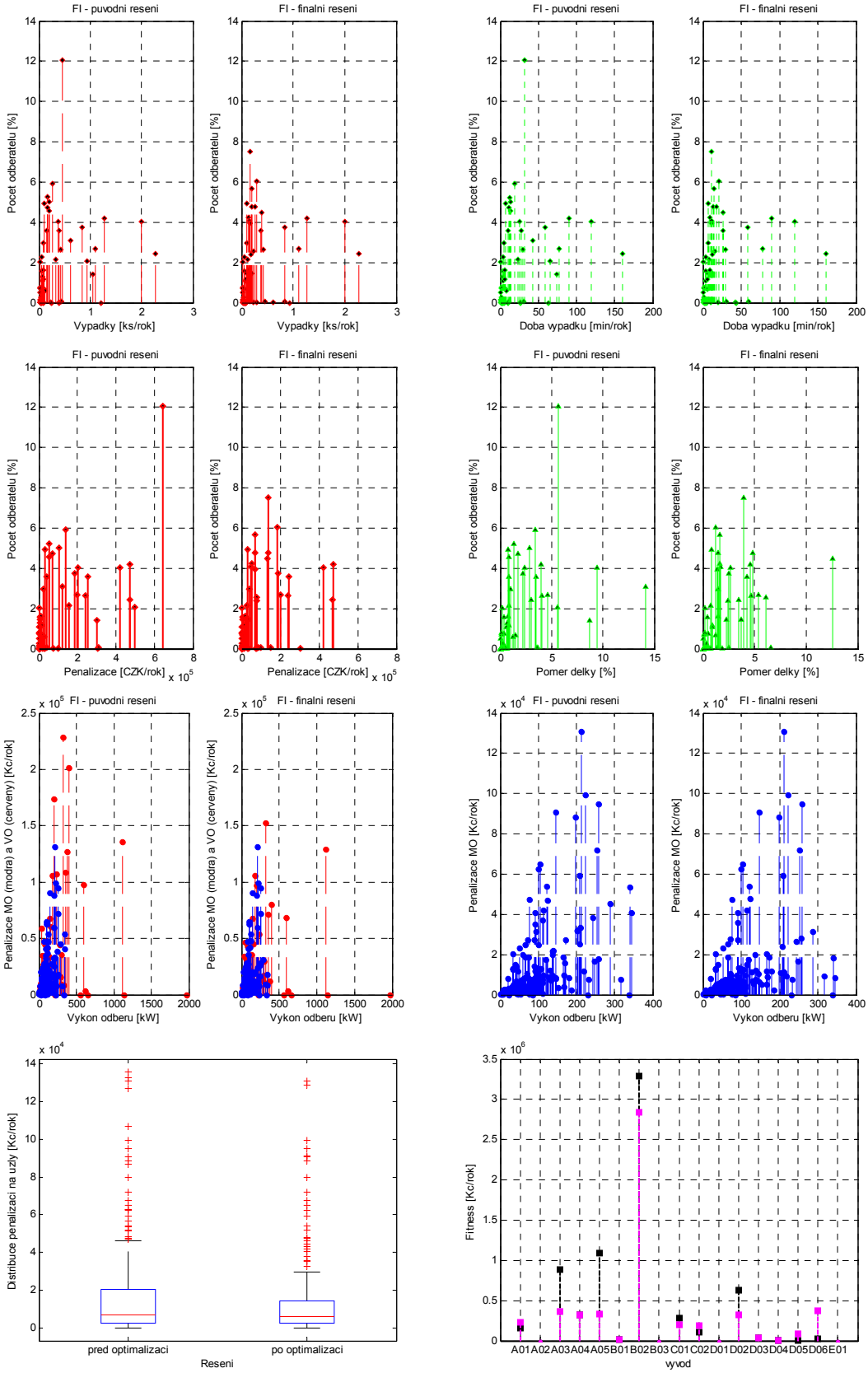

Nejvetsi delka od zacatku vyvodu[km]
vyvod

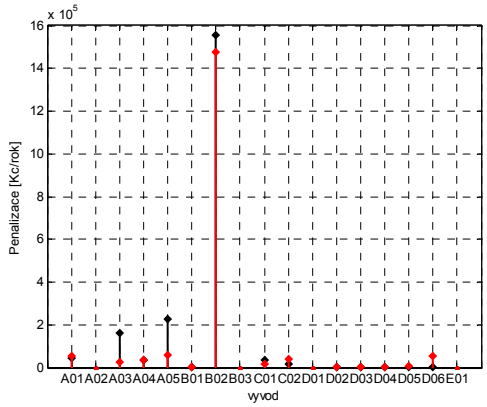
B Průběhy pro nastavení C_FI_dp

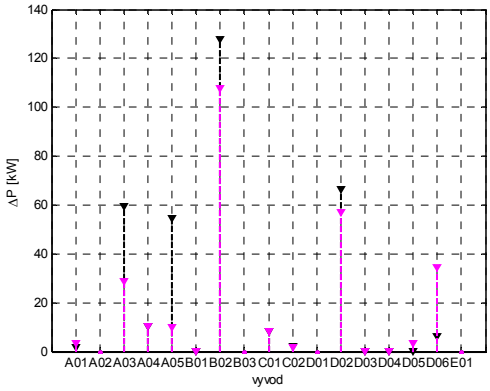


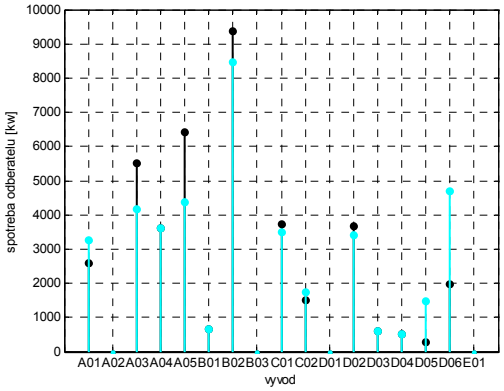


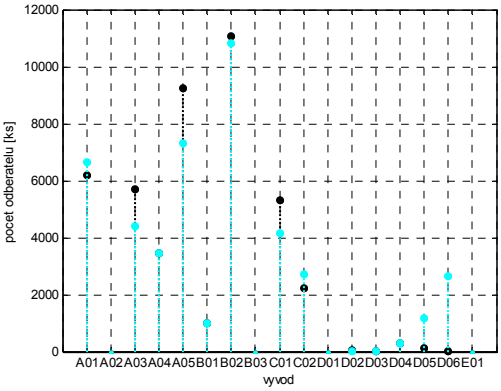
Pro další analýzu je vybran 1. průběh (červený).

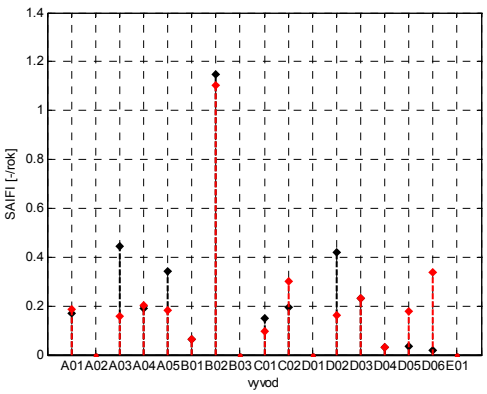

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
x 10^6
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

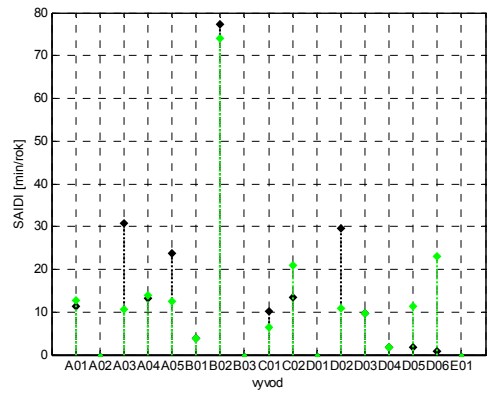

x 10^5
Penalizace [Kc/rok]
vyvod

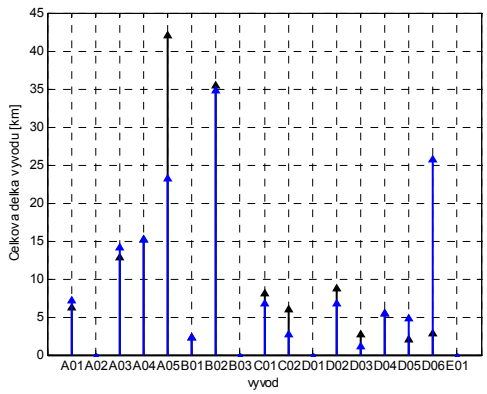

ΔP [kW]
vyvod

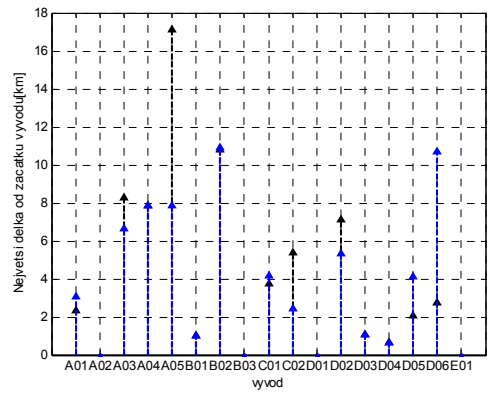

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

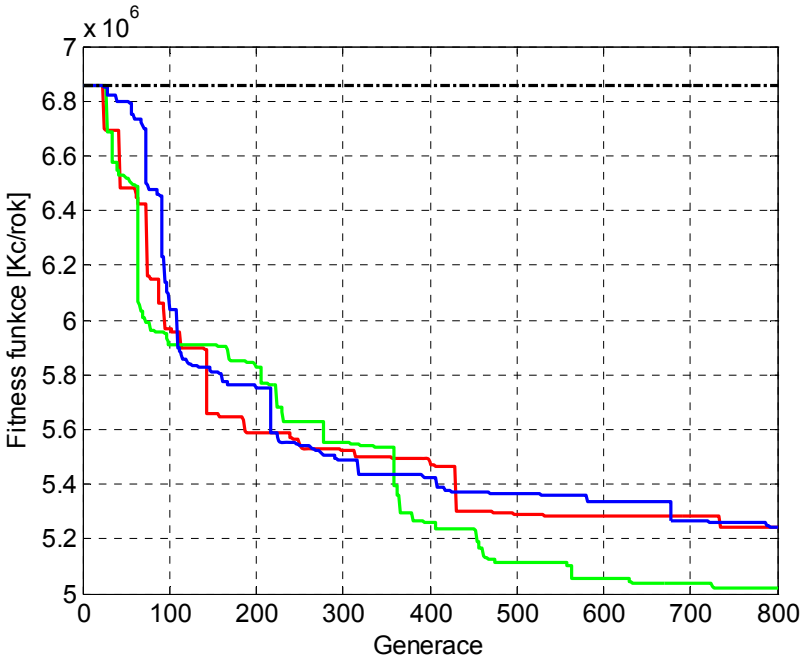

SAIFI [-/rok]
vyvod

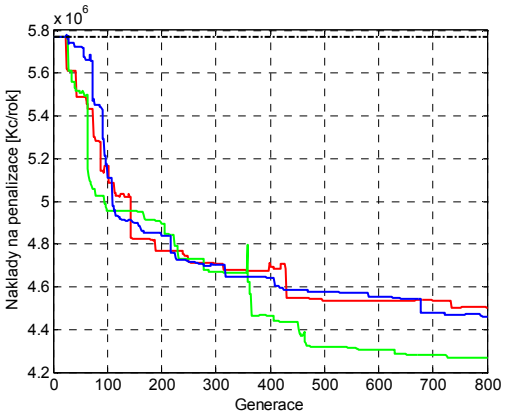

SAIDI [min/rok]
vyvod

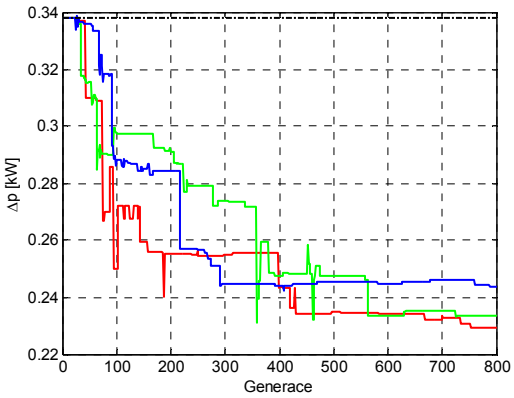

Celkova delka vyvodu [km]
vyvod

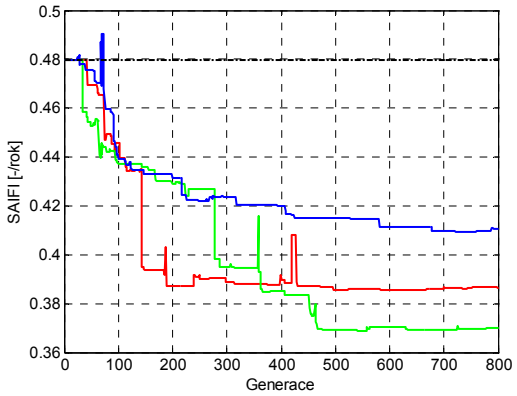

Nejvetsi delka od zacatku vyvodu[km]
vyvod

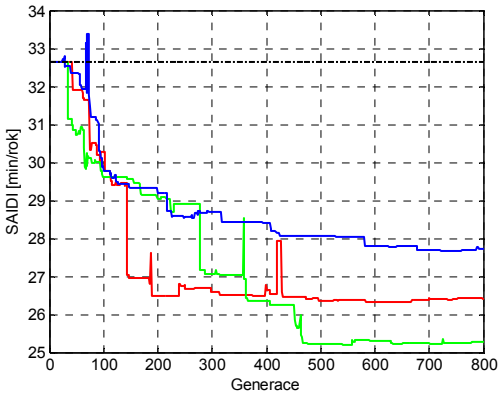
C Průběhy pro nastavení C_FIX_dp



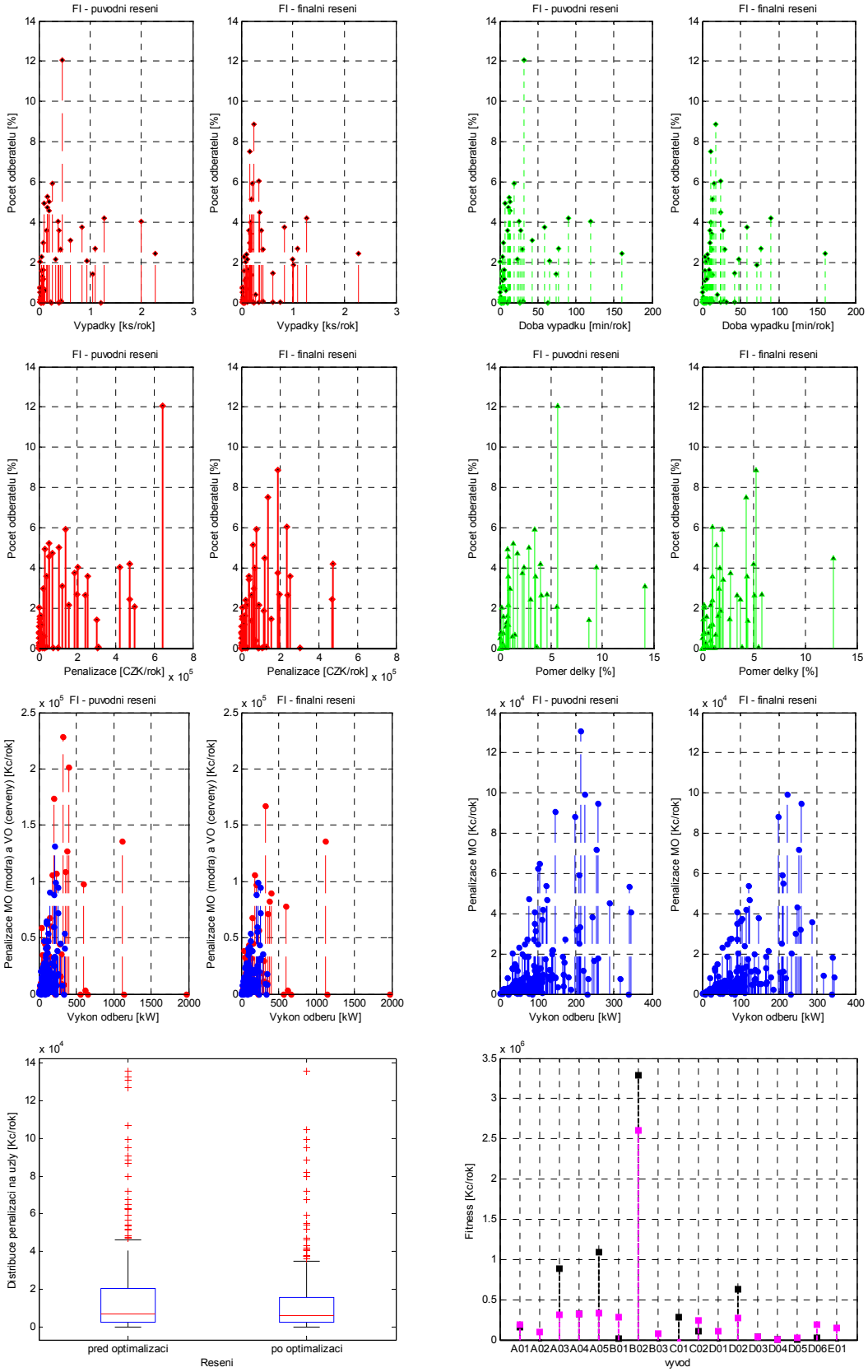


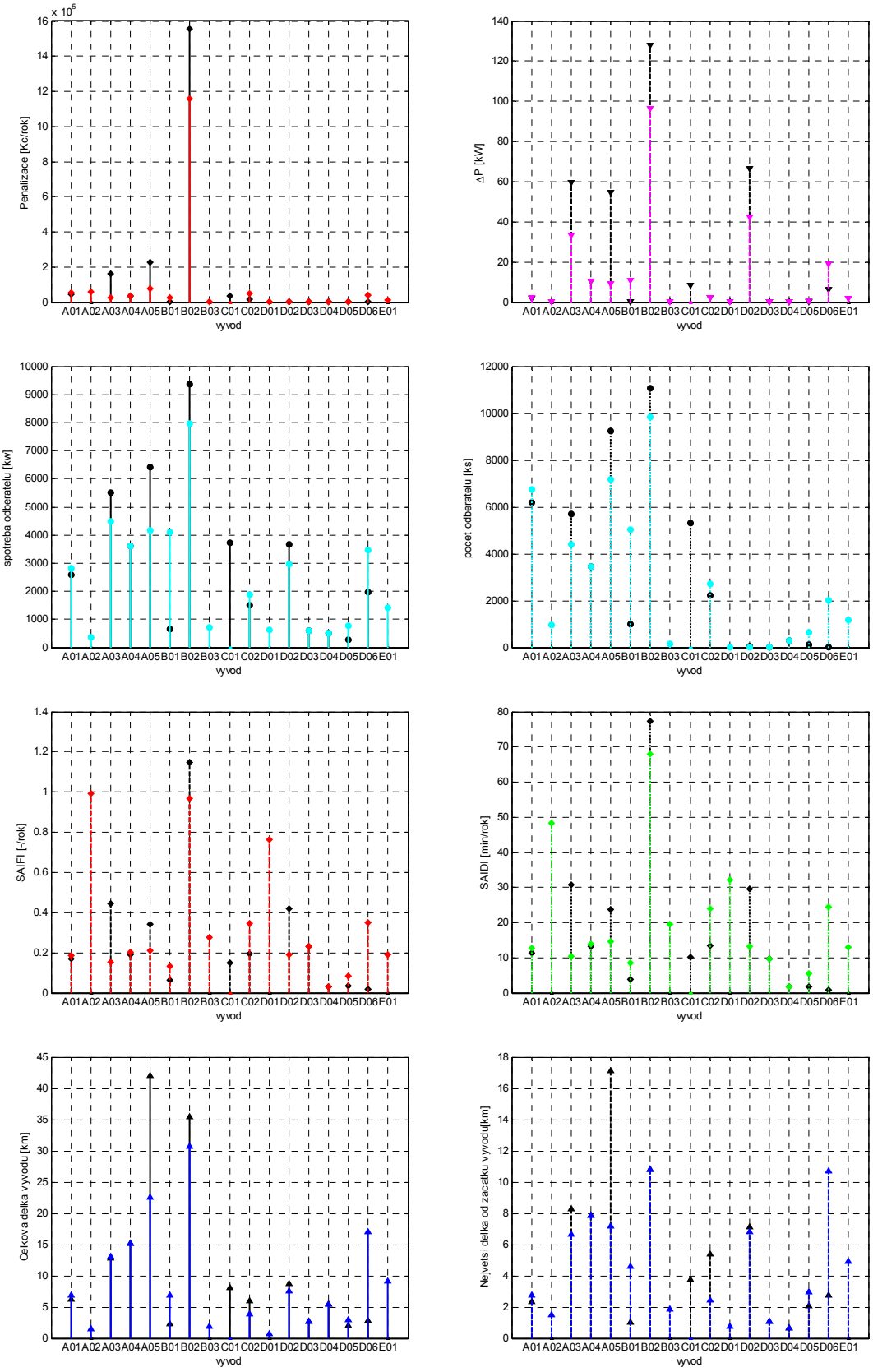




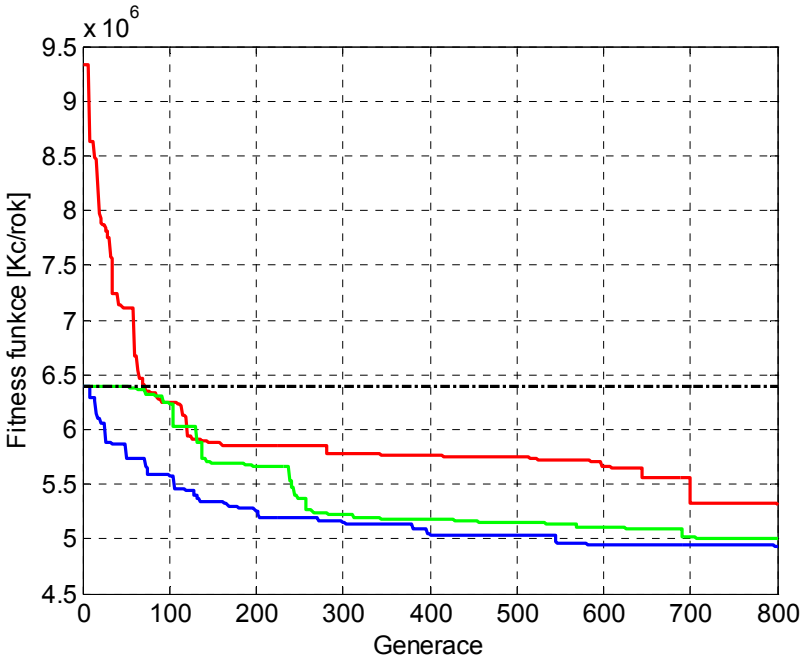


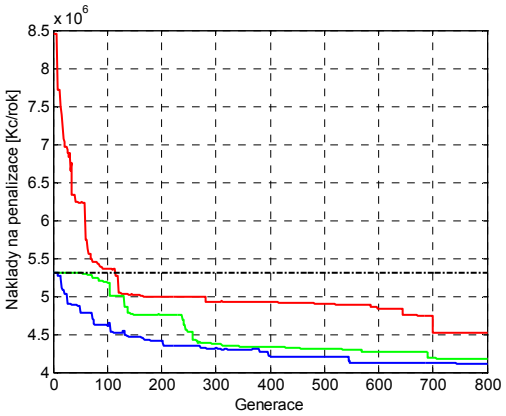
Pro další analýzu je vybran 1. průběh (červený).

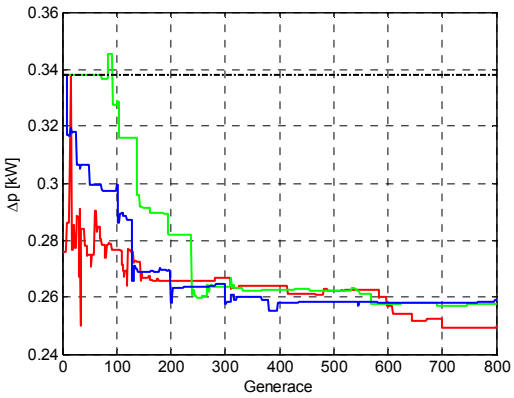

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
x 10^4
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
x 10^6
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

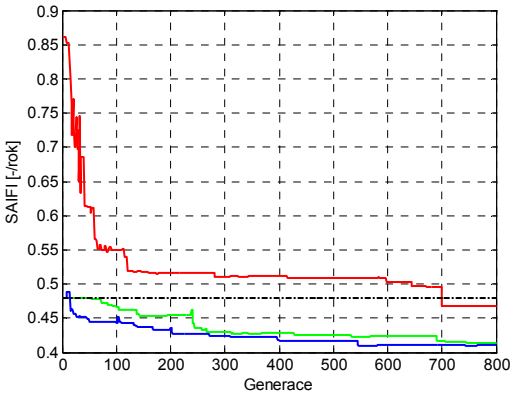

x 10^5
Penalizace [Kc/rok]
ΔP [kW]
spotreba odberatelu [kw]
pocet odberatelu [ks]
SAIFI [-/rok]
SAIDI [min/rok]
Celkova delka vyvodu [km]
Nejvetsi delka od zacatku vyvodu[km]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

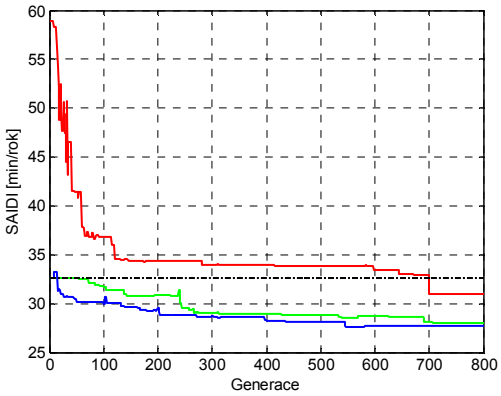
D Průběhy pro nastavení C_FT_dp



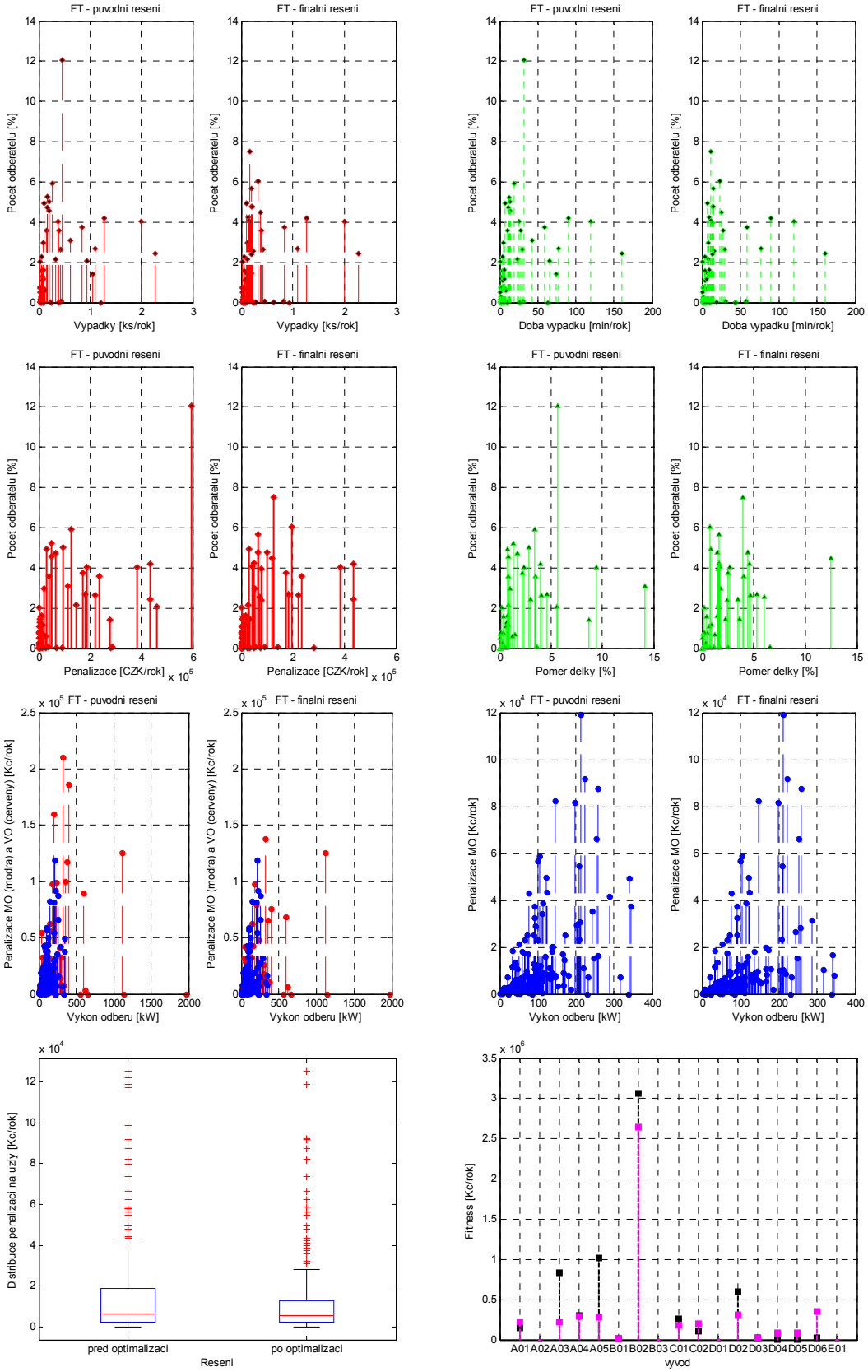


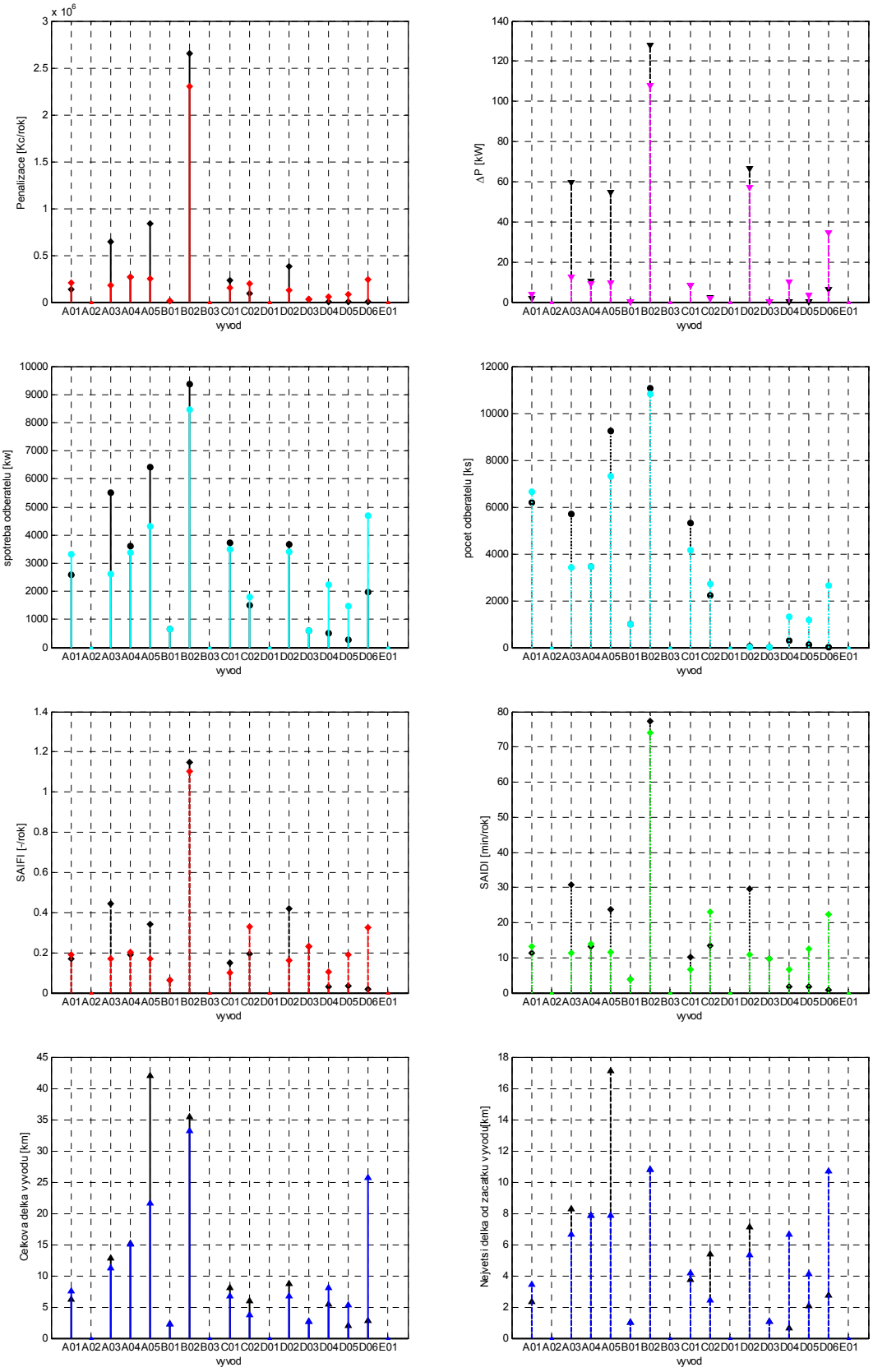




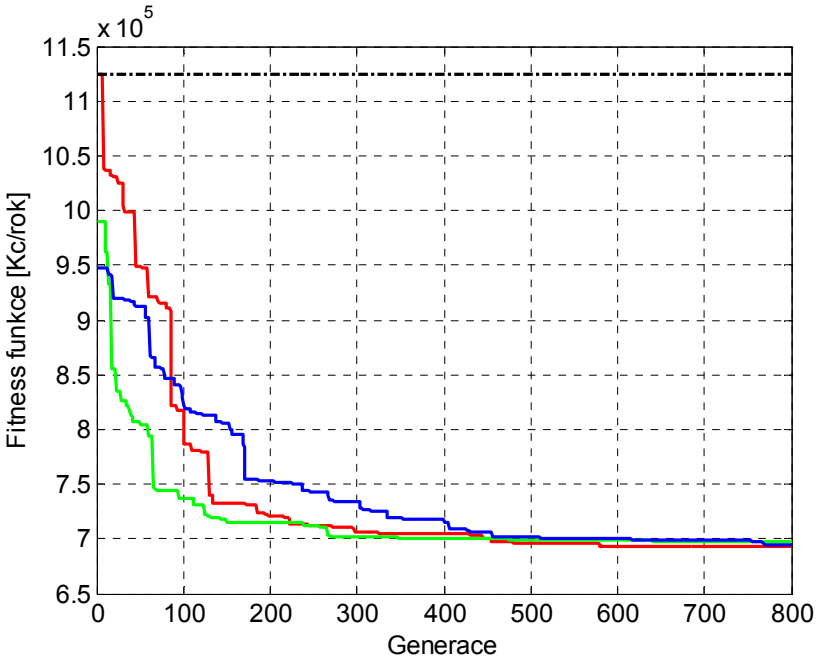


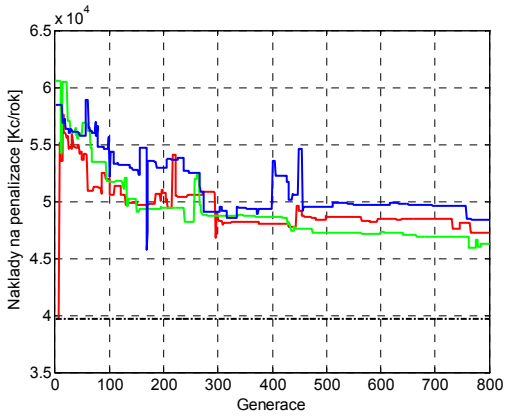
Pro další analýzu je vybran 3. průběh (modrý).

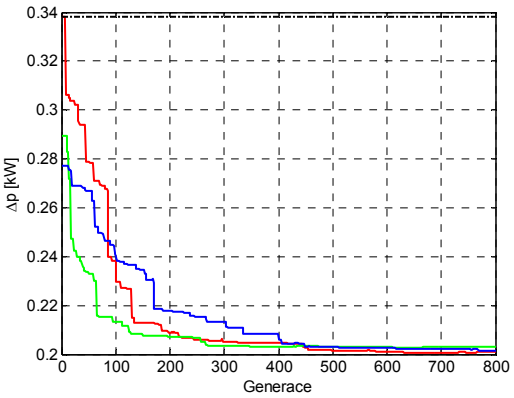

FT - puvodni reseni
FT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
x 10^5
Vykon odberu [kW]
x 10^4
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^6
Fitness [Kc/rok]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

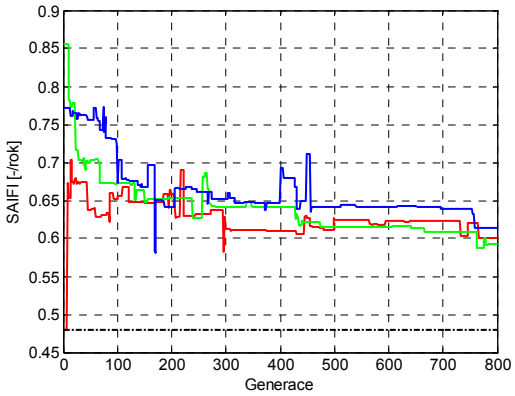

x 10^6
Penalizace [Kc/rok]
ΔP [kW]
spotreba odberatelu [kw]
pocet odberatelu [ks]
SAIFI [-/rok]
SAIDI [min/rok]
Celkova delka vyvodu [km]
Nejvetsi delka od zacatku vyvodu[km]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

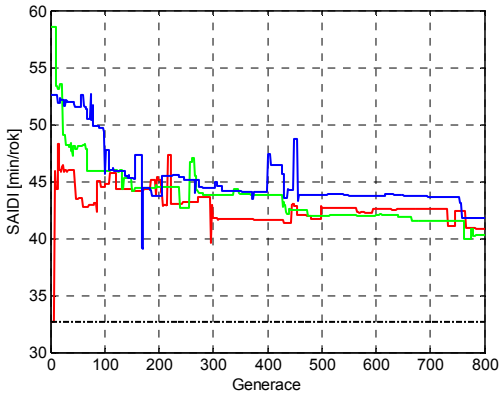
E Průběhy pro nastavení C_FL_dp



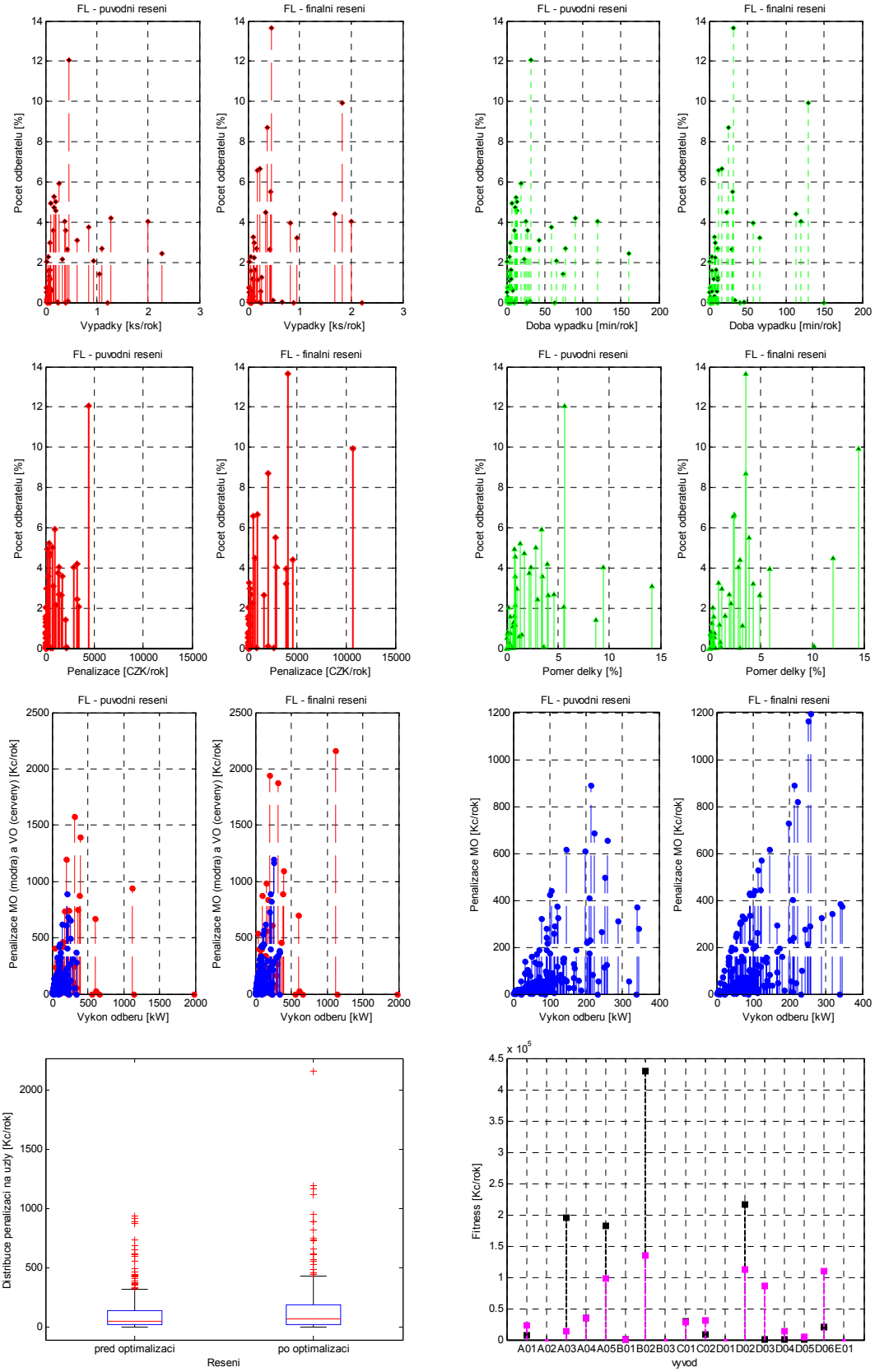


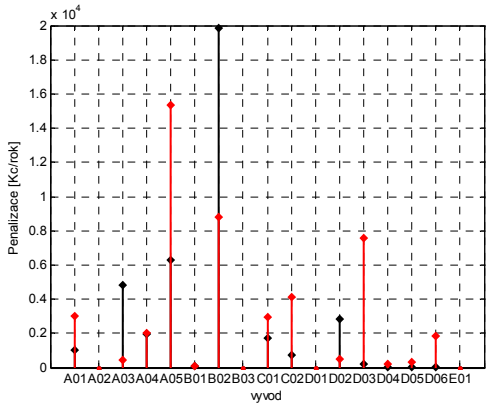


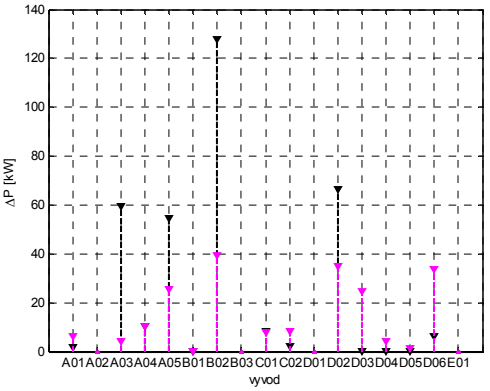


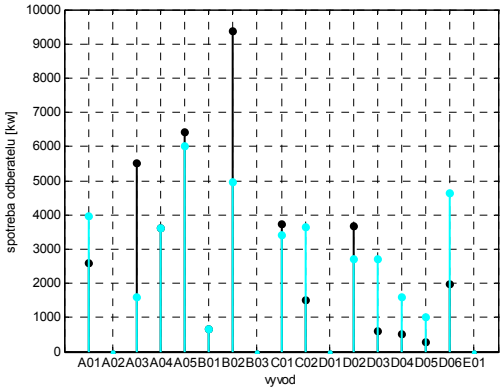


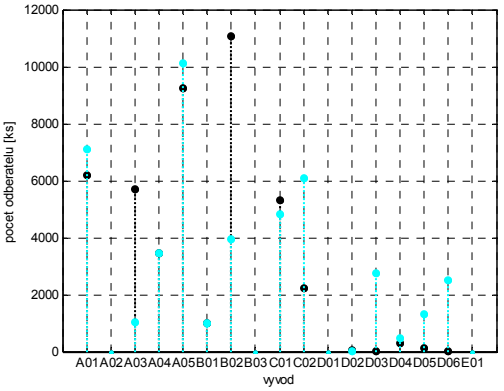
Pro další analýzu je vybran 1. průběh (červený).

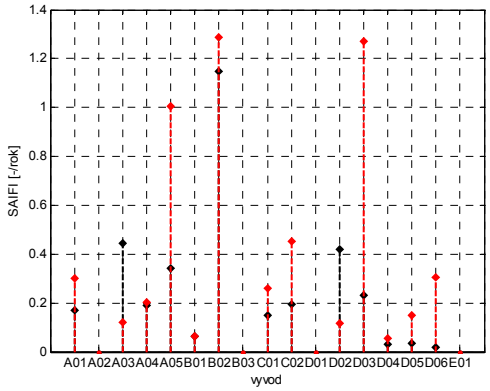

FL - puvodni reseni
FL - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

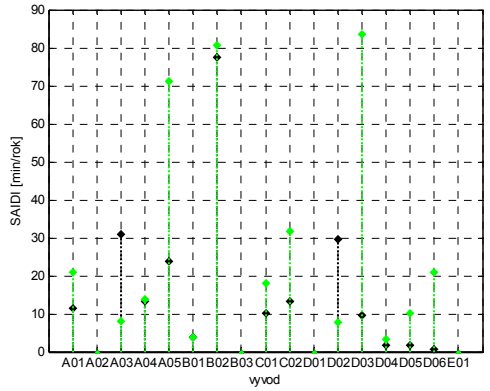

x 10^4
Penalizace [Kc/rok]
vyvod

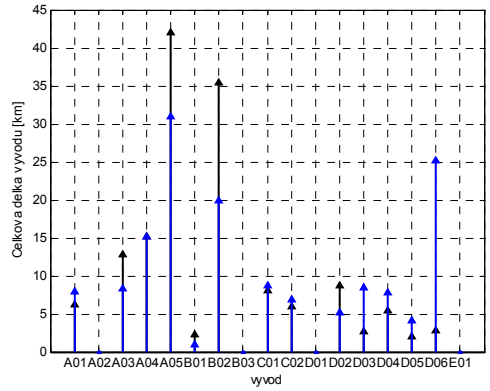

ΔP [kW]
vyvod

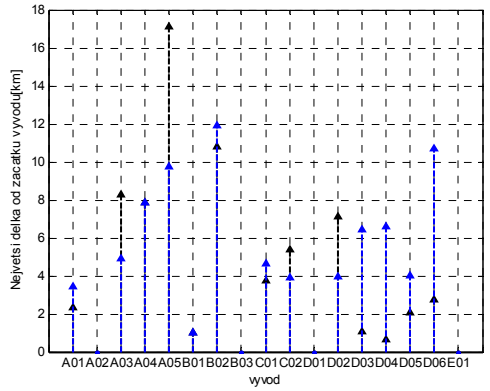

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

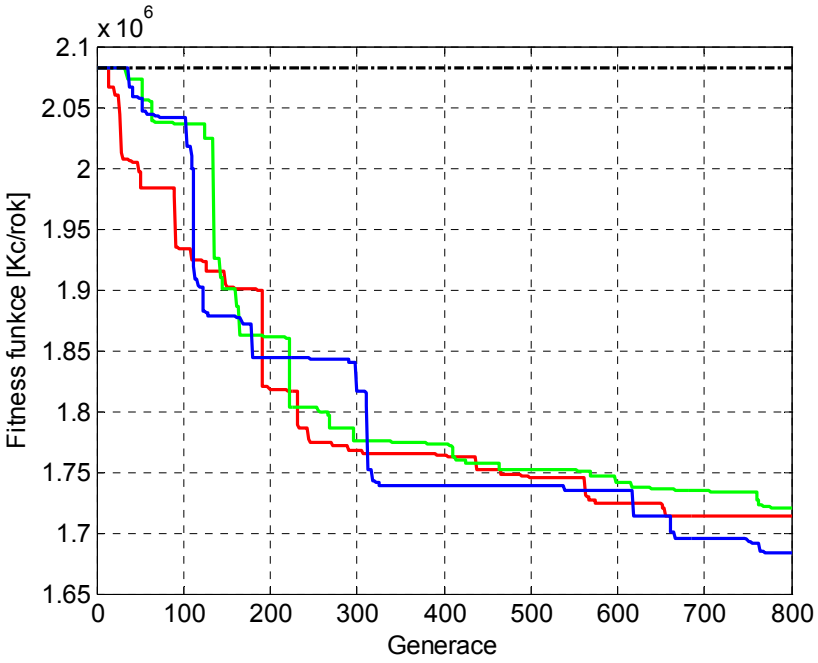

SAIFI [-/rok]
vyvod

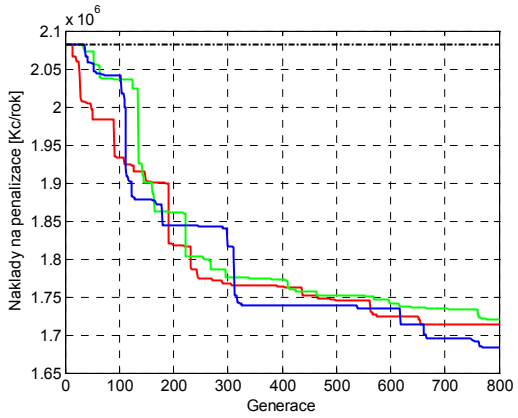

SAIDI [min/rok]
vyvod

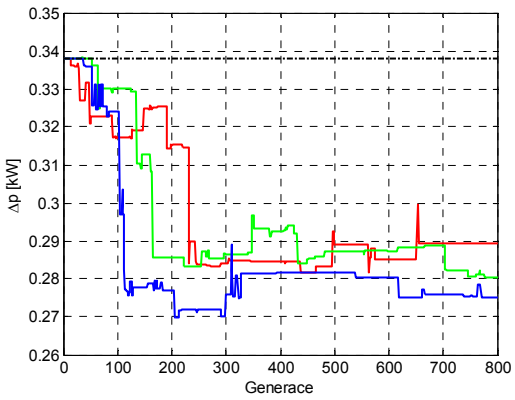

Celkova delka vyvodu [km]
vyvod

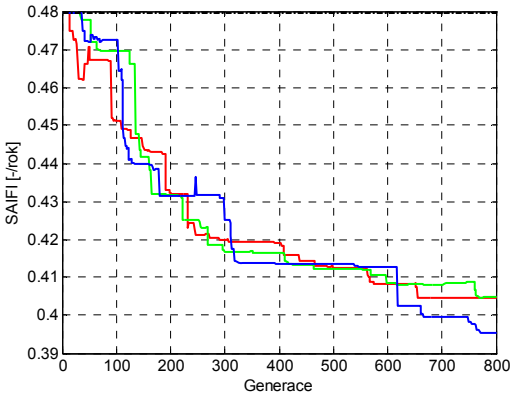

Nejvetsi delka od zacatku vyvodu[km]
vyvod

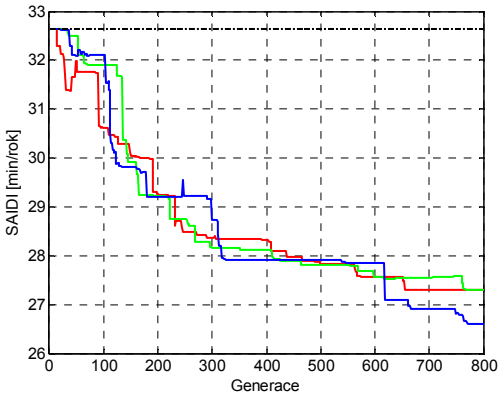
F Průběhy pro nastavení C_KS



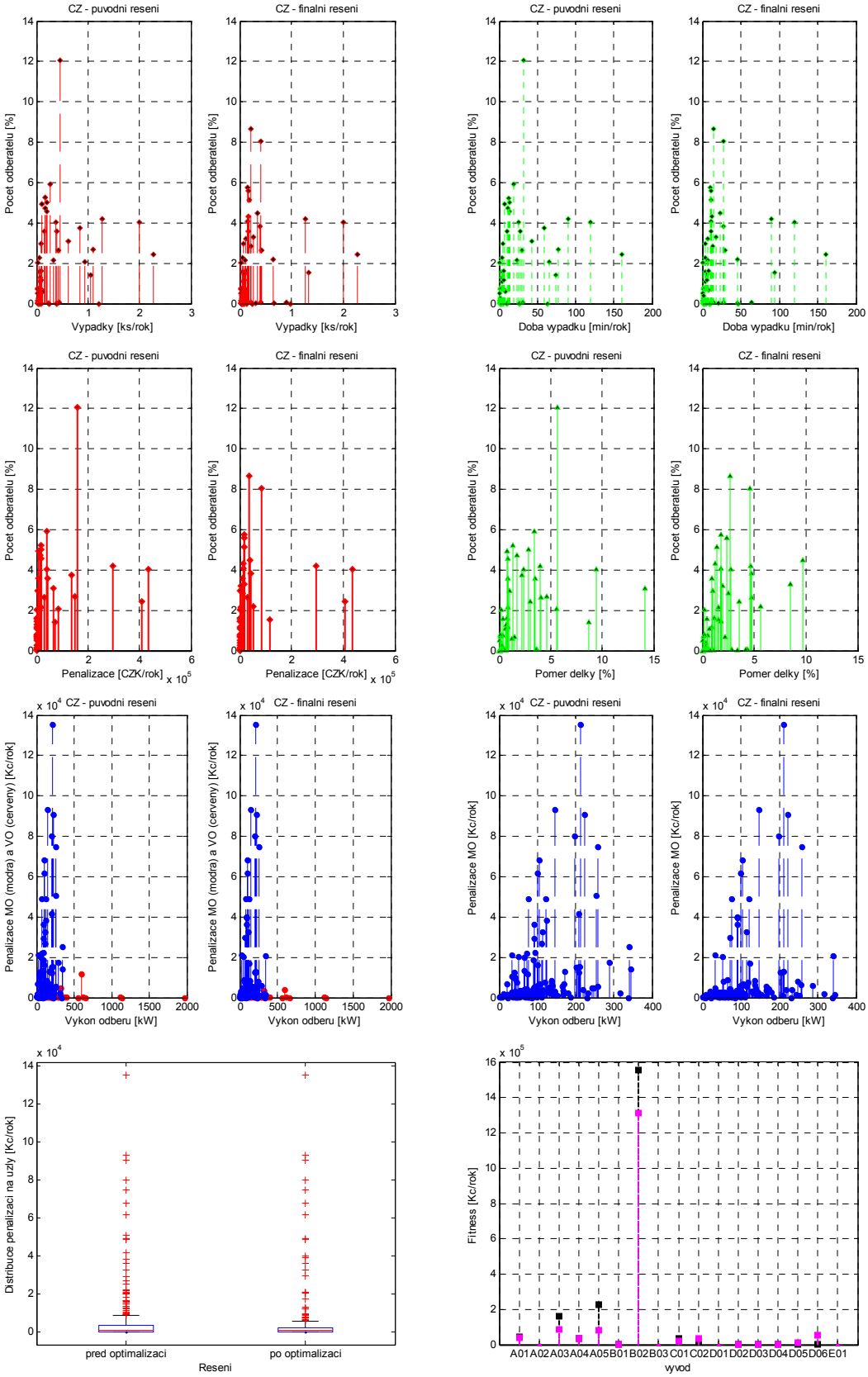


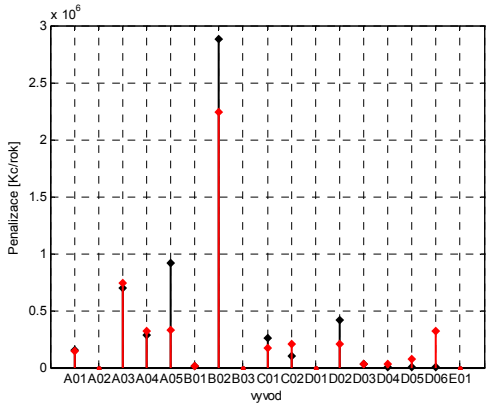


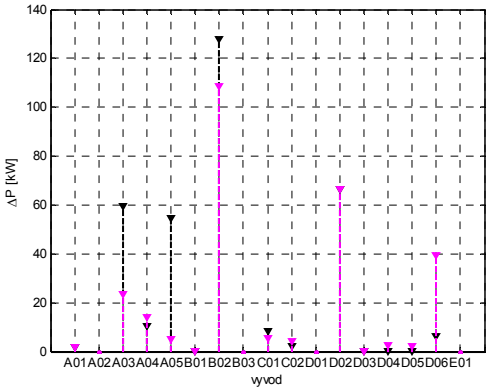


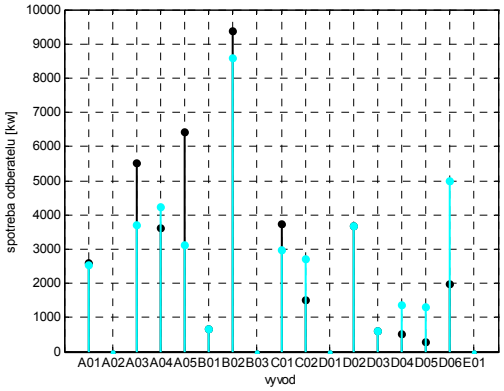


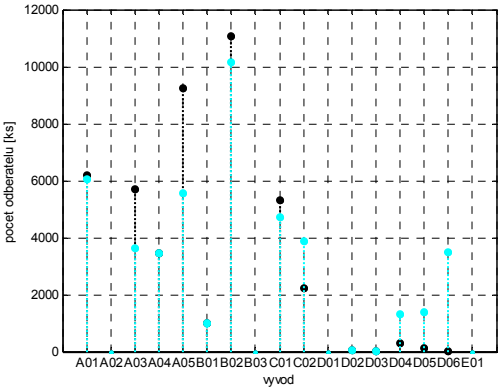
Pro další analýzu je vybran 3. průběh (modrý).

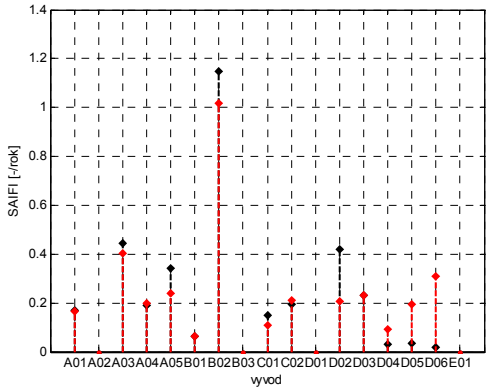

CZ - puvodni reseni
CZ - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
x 10^4
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Penalizace MO [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
x 10^5
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

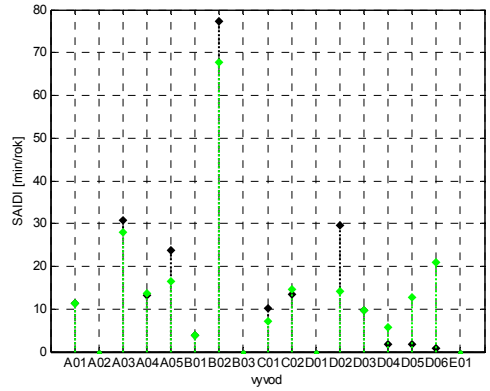

x 10^6
Penalizace [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

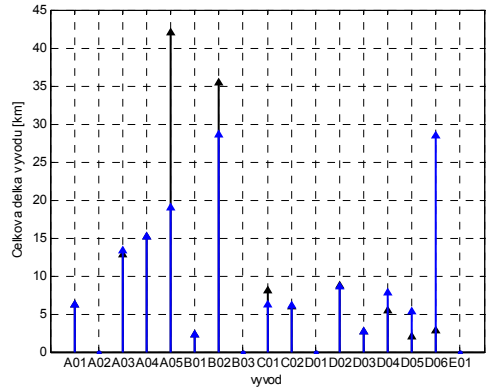

ΔP [kW]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

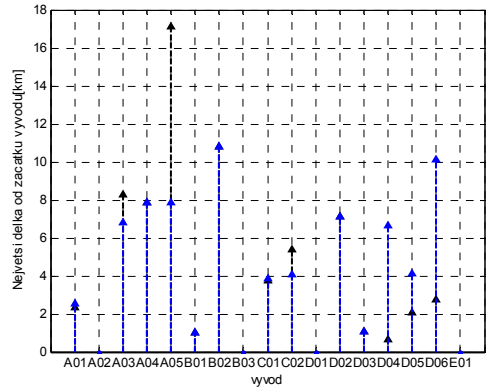

spotreba odberatelu [kw]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


pocet odberatelu [ks]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

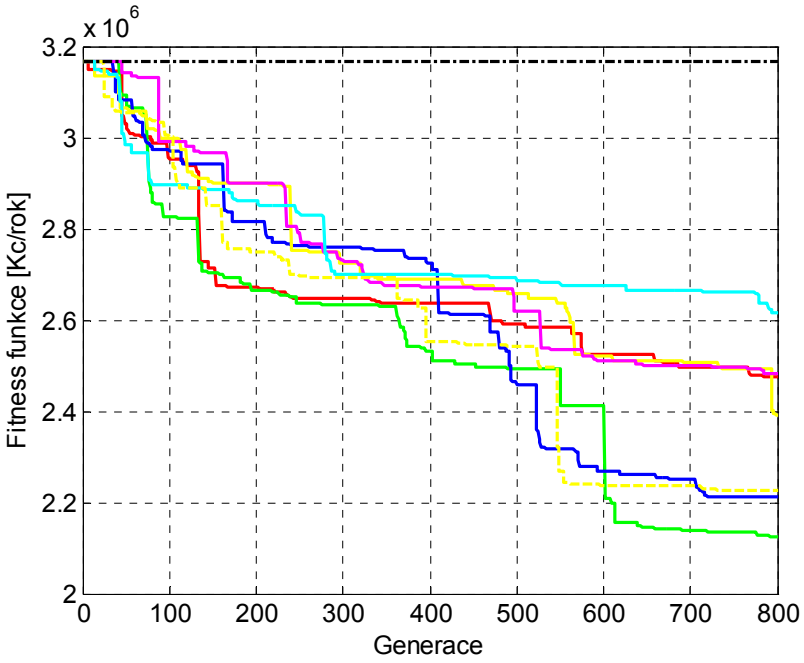

SAIFI [-/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

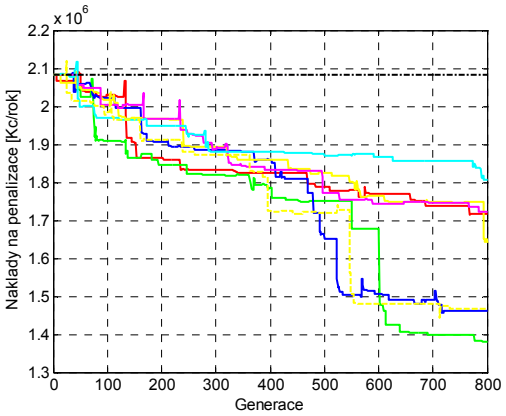

SAIDI [min/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

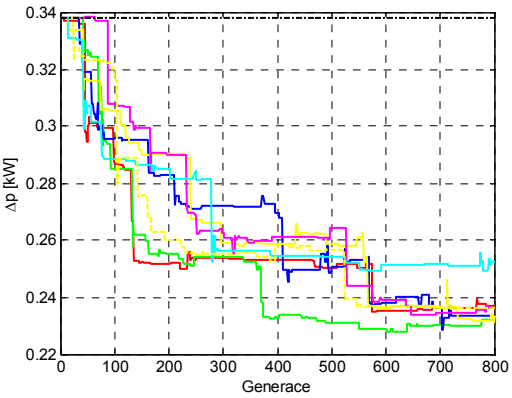

Celkova delka vyvodu [km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

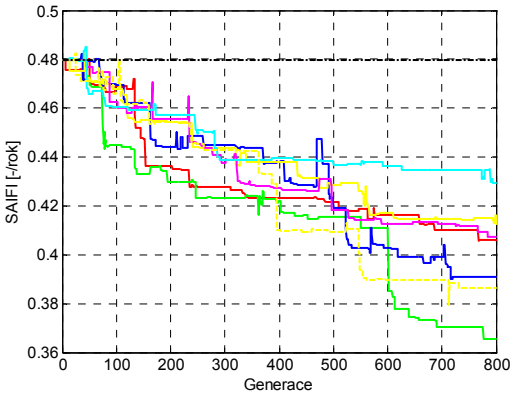

Nejvetsi delka od zacatku vyvodu[km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

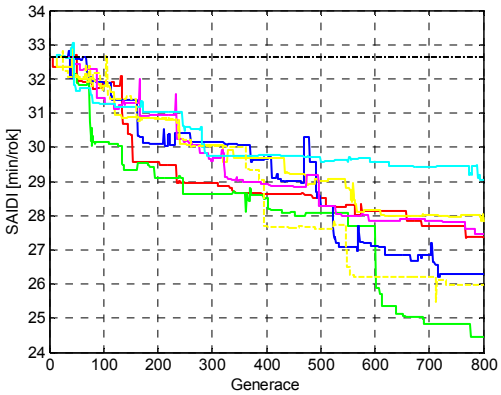
G Průběhy pro nastavení C_KS_dp



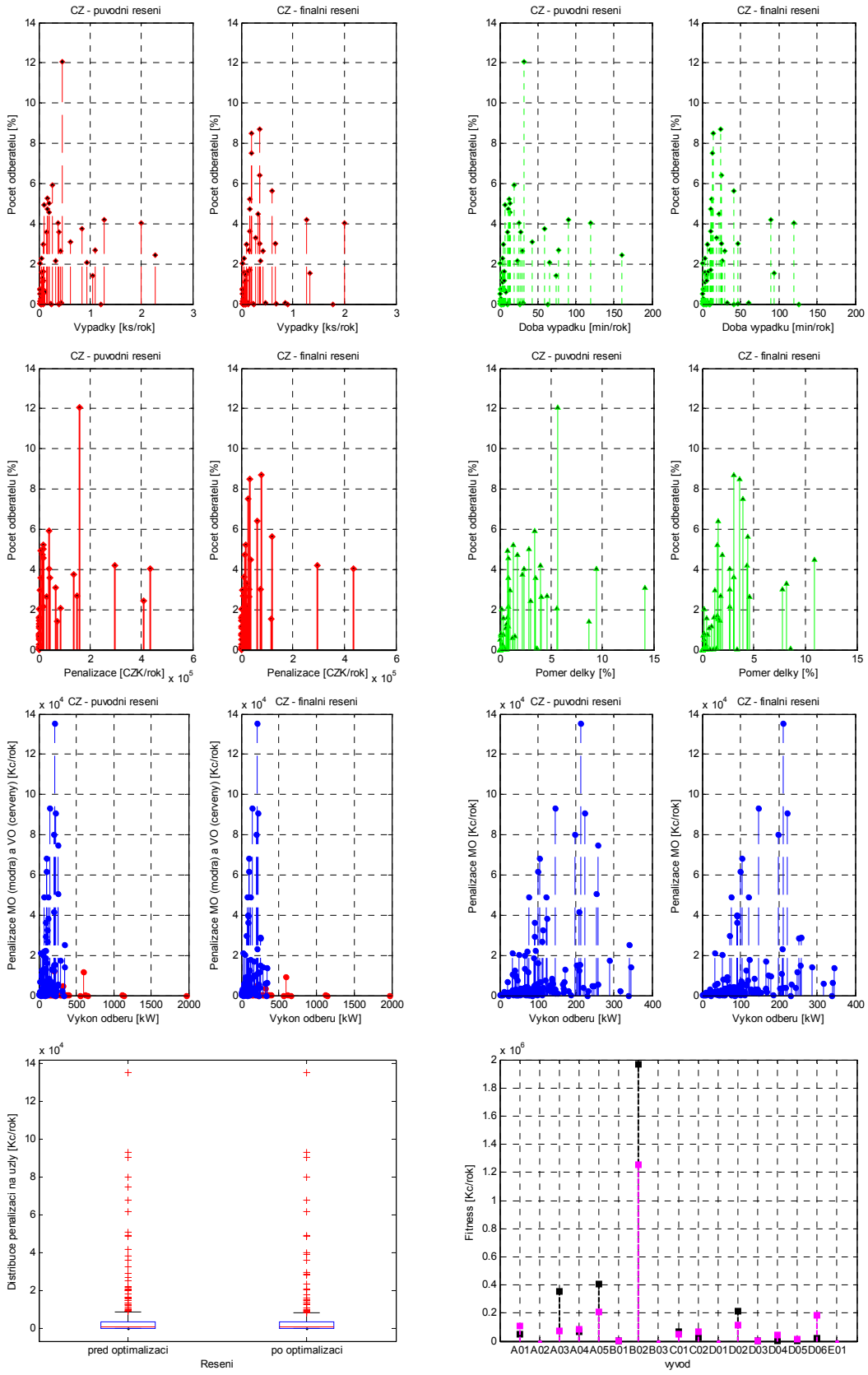


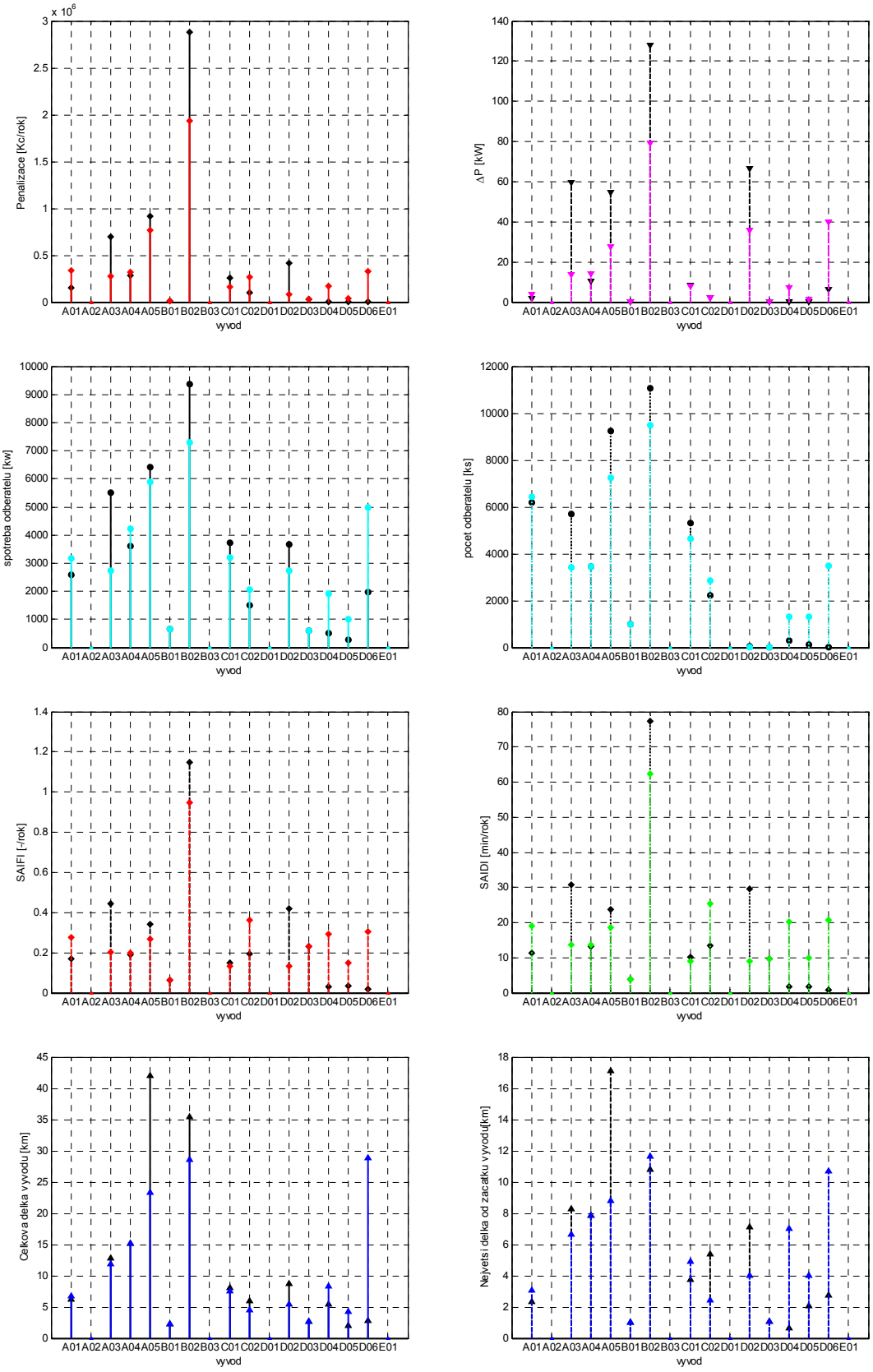




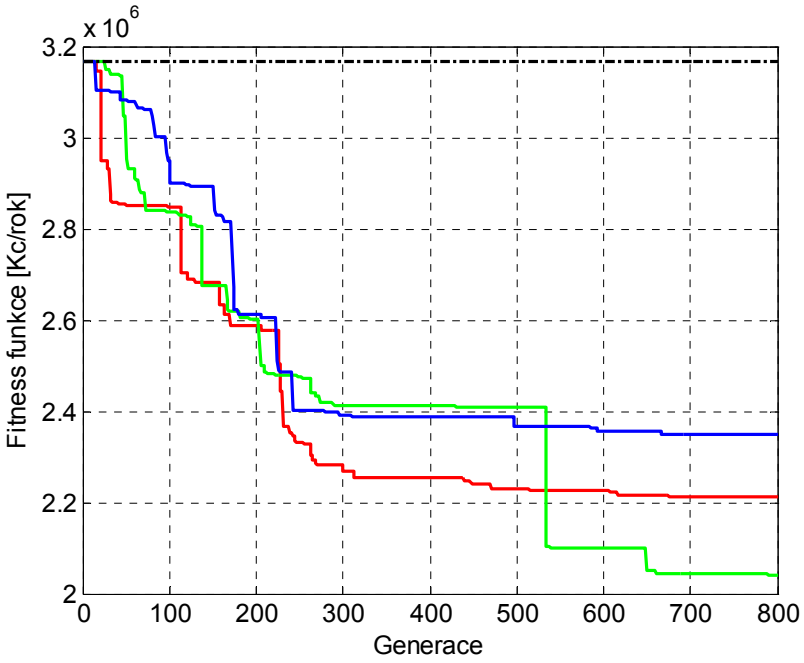


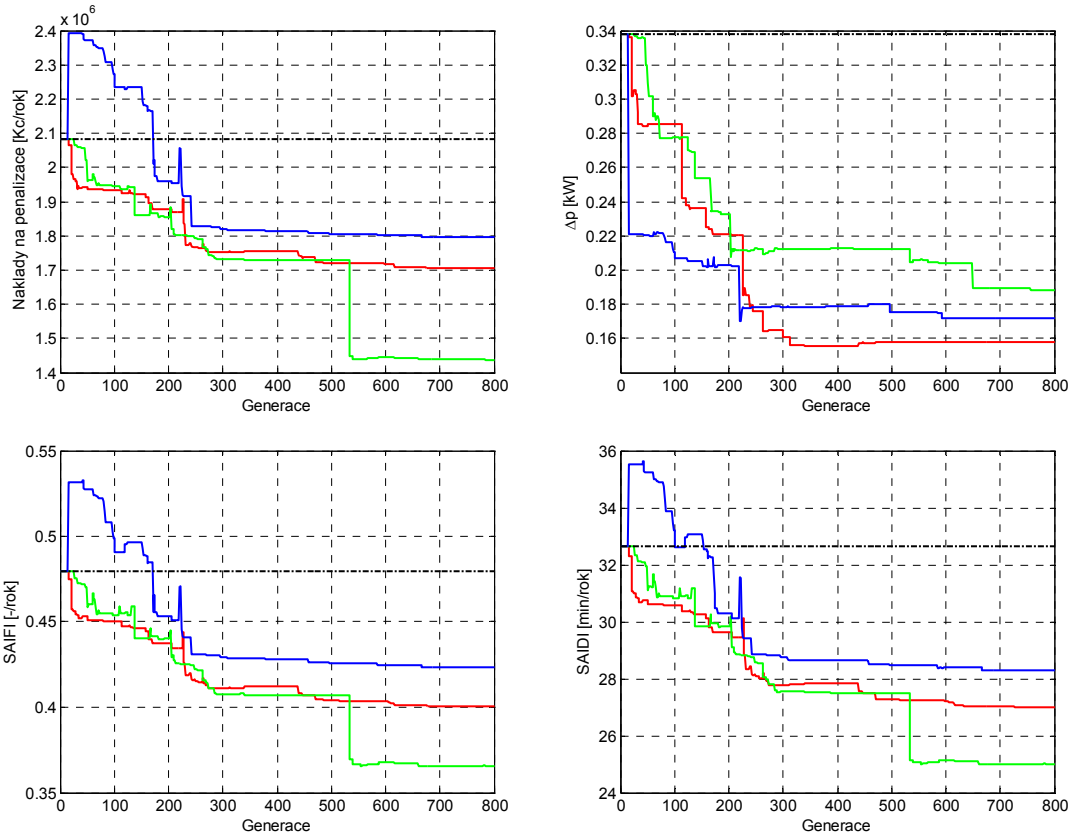
Pro další analýzu je vybran 4. průběh (žlutý).


CZ - puvodni reseni
CZ - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^5
Pomer delky [%]
x 10^4
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Penalizace MO [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^6
Fitness [Kc/rok]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

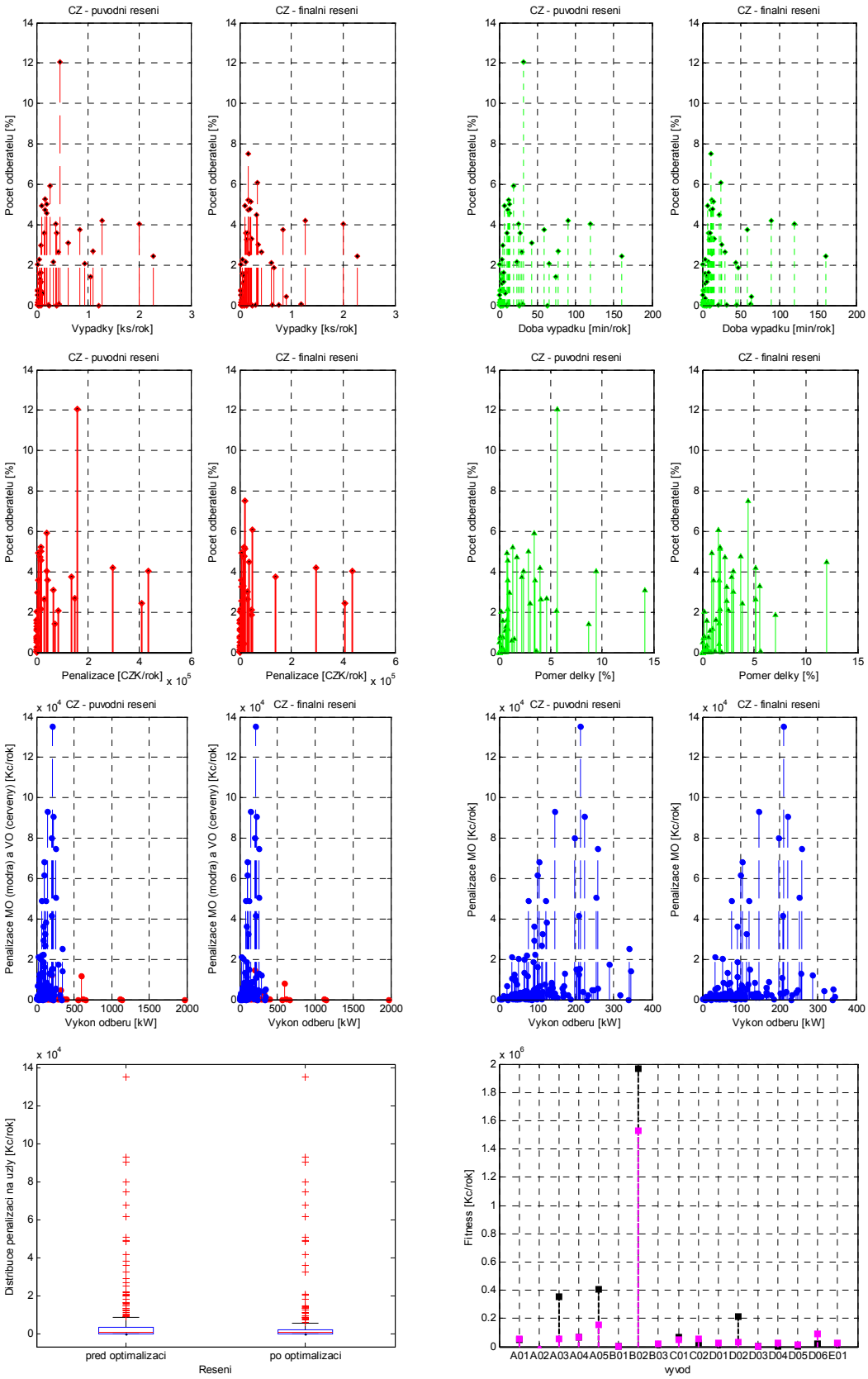

x 10^6
Penalizace [Kc/rok]
ΔP [kW]
spotreba odberatelu [kw]
pocet odberatelu [ks]
SAIFI [-/rok]
SAIDI [min/rok]
Celkova delka vyvodu [km]
Nejvetsi delka od zacatku vyvodu[km]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

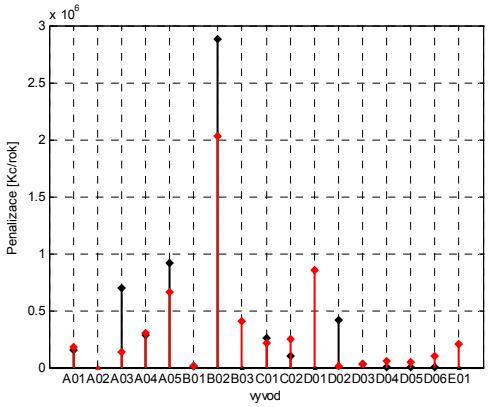
H Průběhy pro nastavení C_KSX_dp

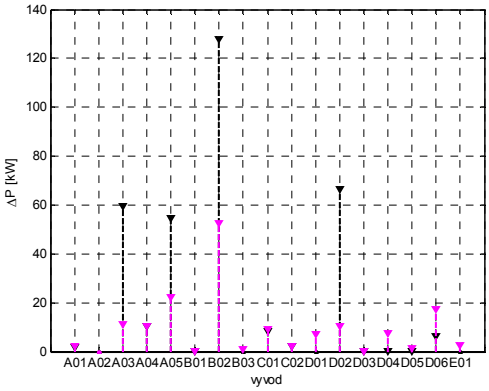


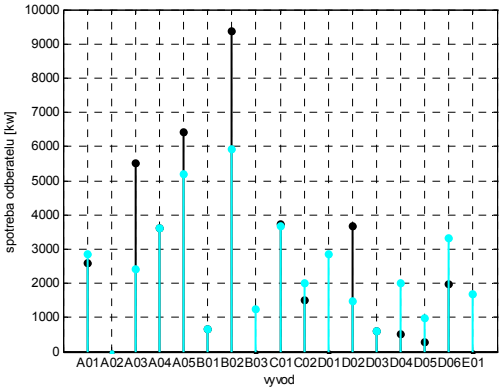


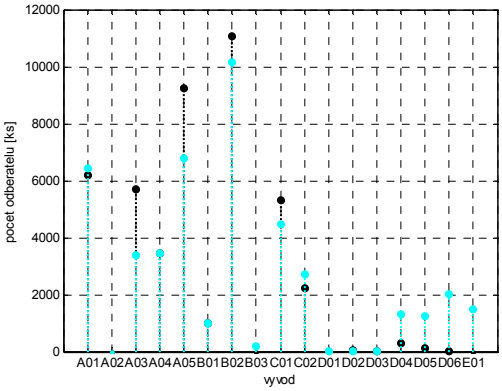
Pro další analýzu je vybran 1. průběh (červený).

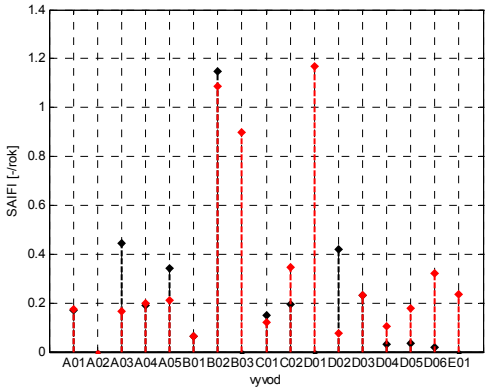

CZ - puvodni reseni
CZ - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
x 10^5
Pomer delky [%]
x 10^4
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

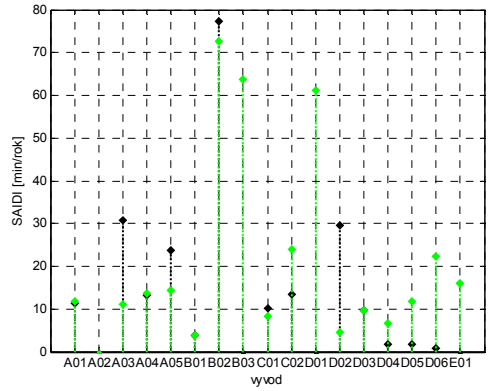

x 10^6
Penalizace [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

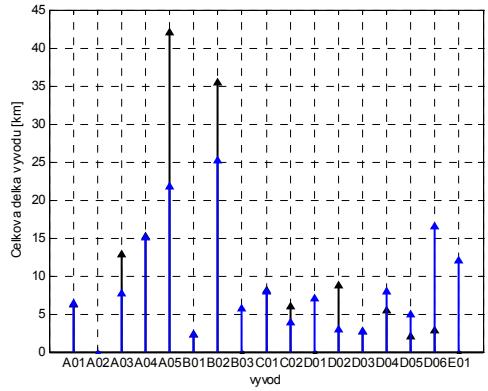

ΔP [kW]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

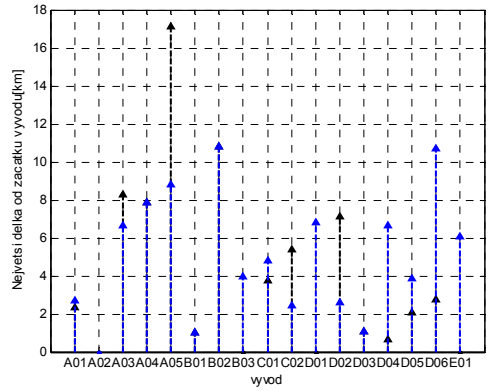

spotreba odberatelu [kw]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


pocet odberatelu [ks]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

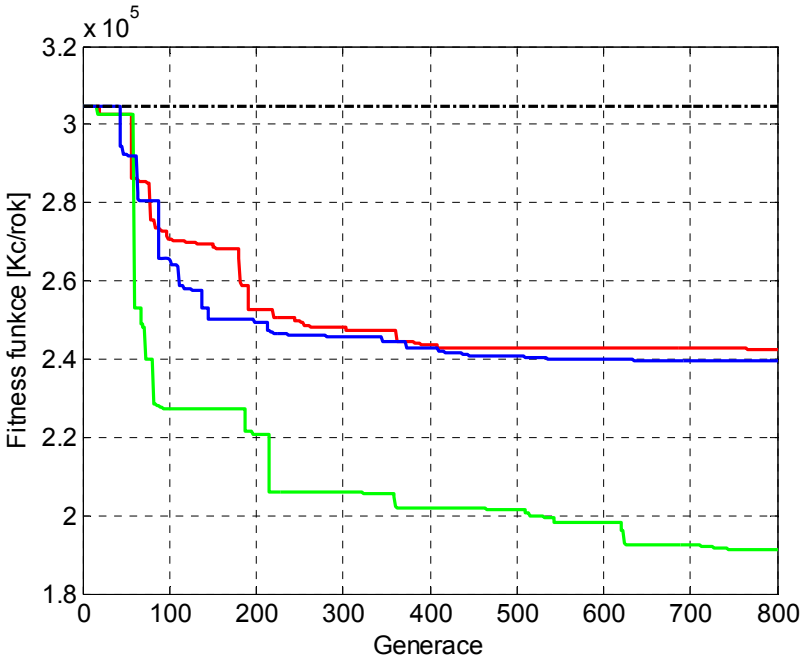

SAIFI [-/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

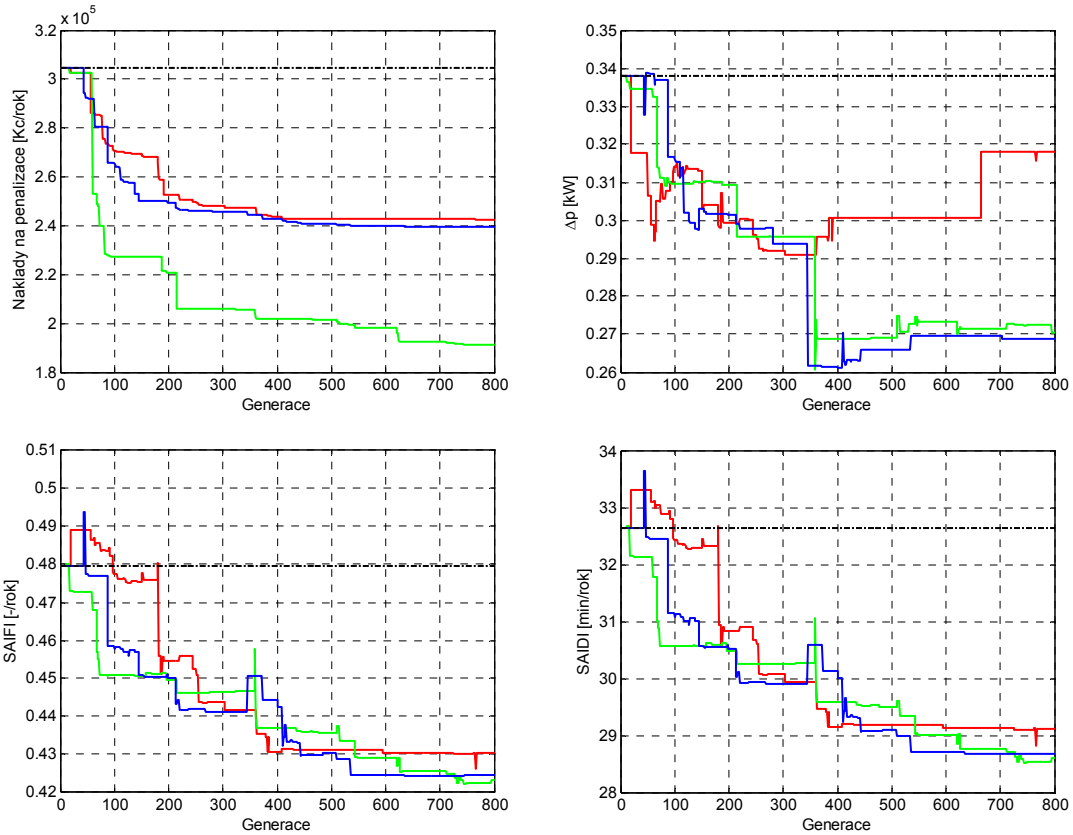

SAIDI [min/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


Celkova delka vyvodu [km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

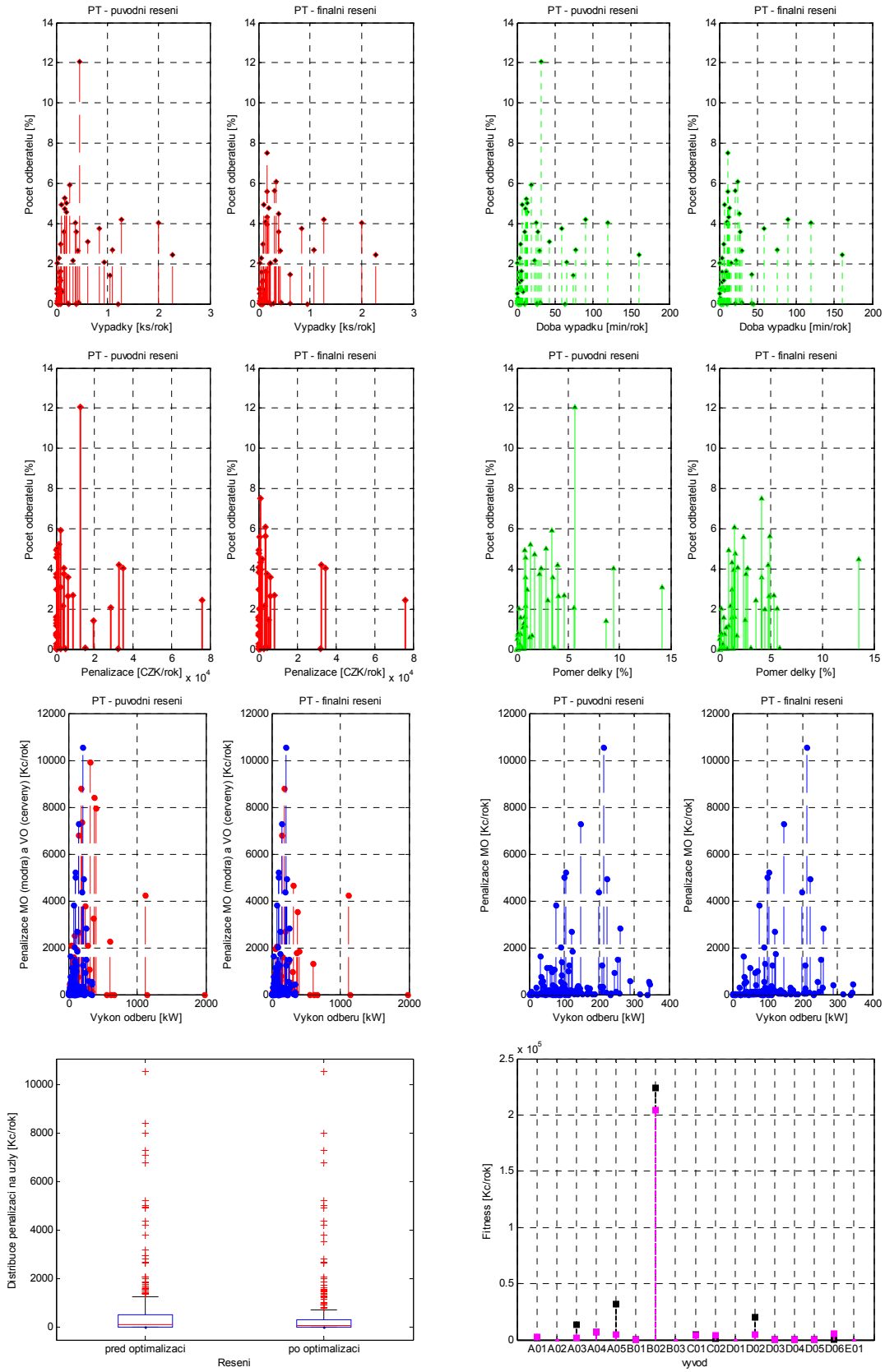

Nejvetsi delka od zacatku vyvodu[km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

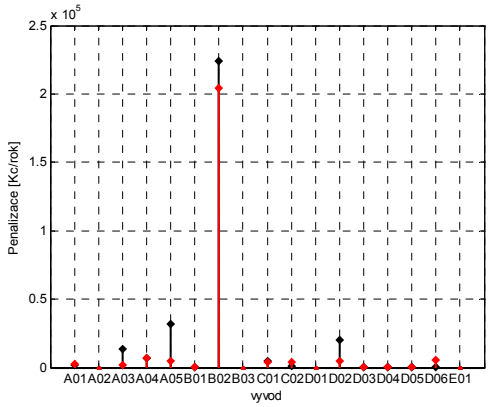
I Průběhy pro nastavení C_PT

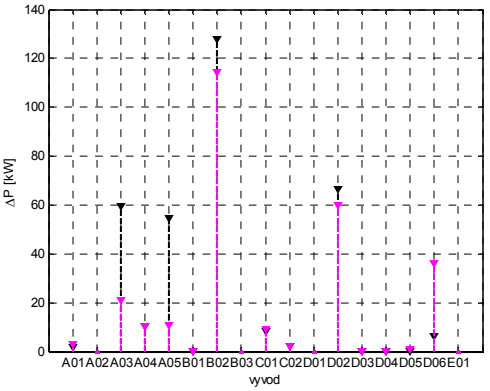


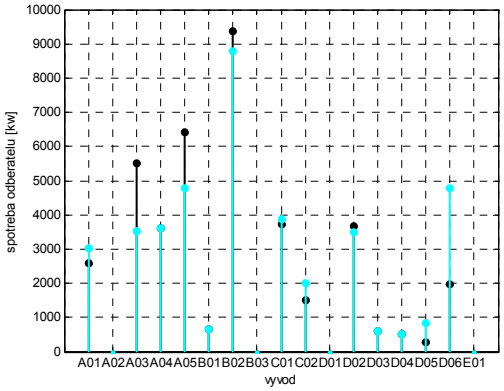


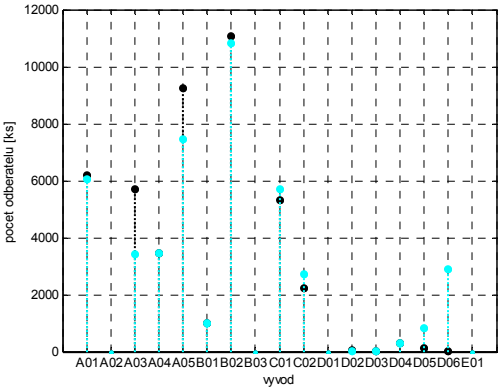
Pro další analýzu je vybran 3. průběh (modrý).

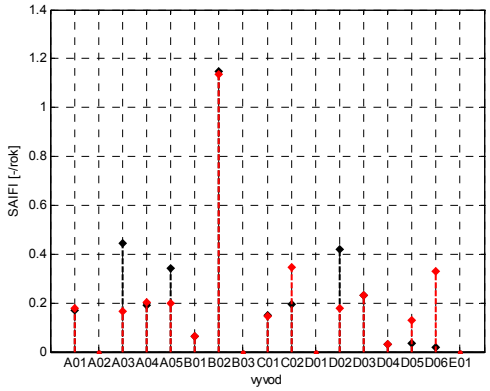

PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Penalizace MO [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

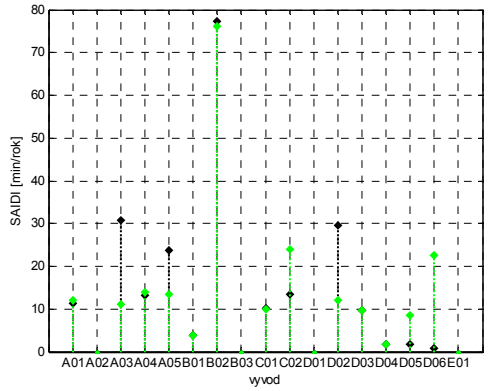

x 10^5
Penalizace [Kc/rok]
vyvod

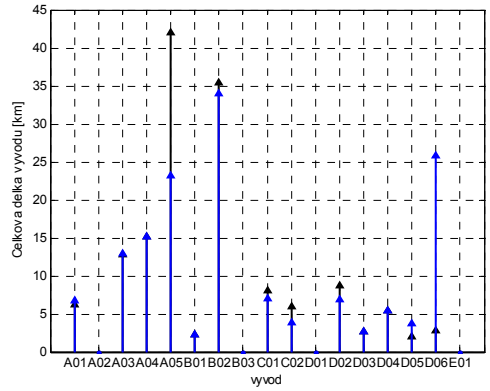

ΔP [kW]
vyvod

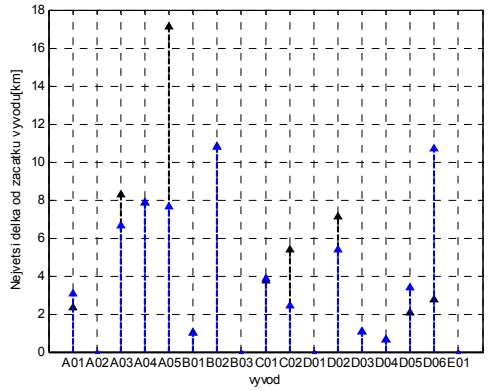

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

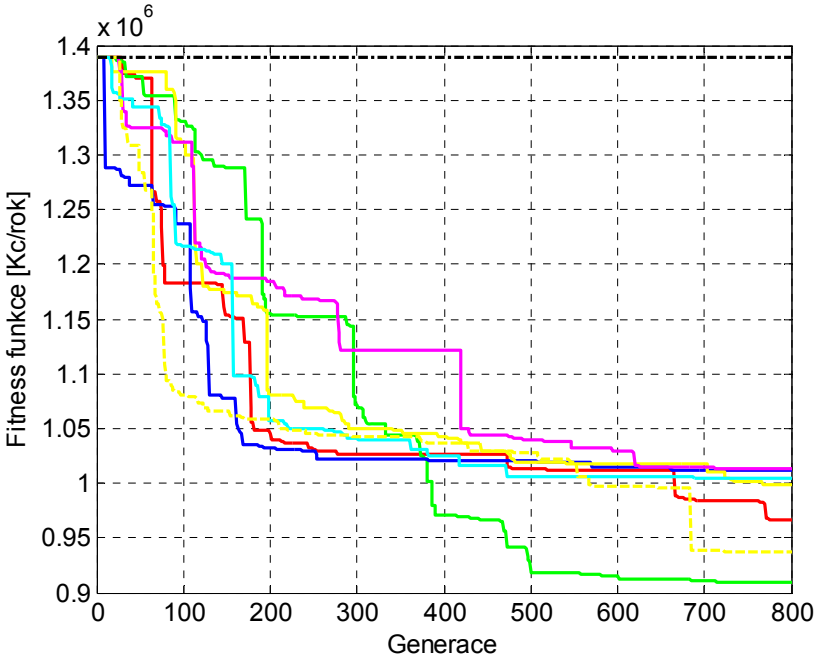

SAIFI [-/rok]
vyvod

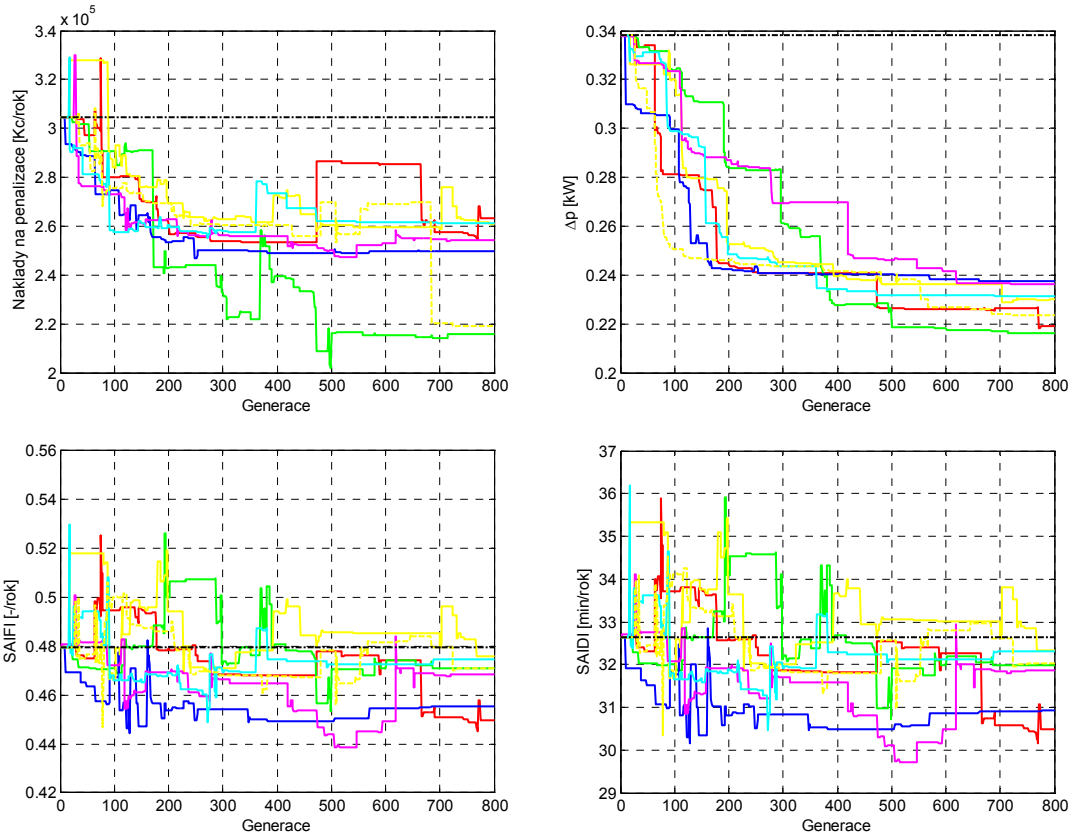

SAIDI [min/rok]
vyvod


Celkova delka vyvodu [km]
vyvod

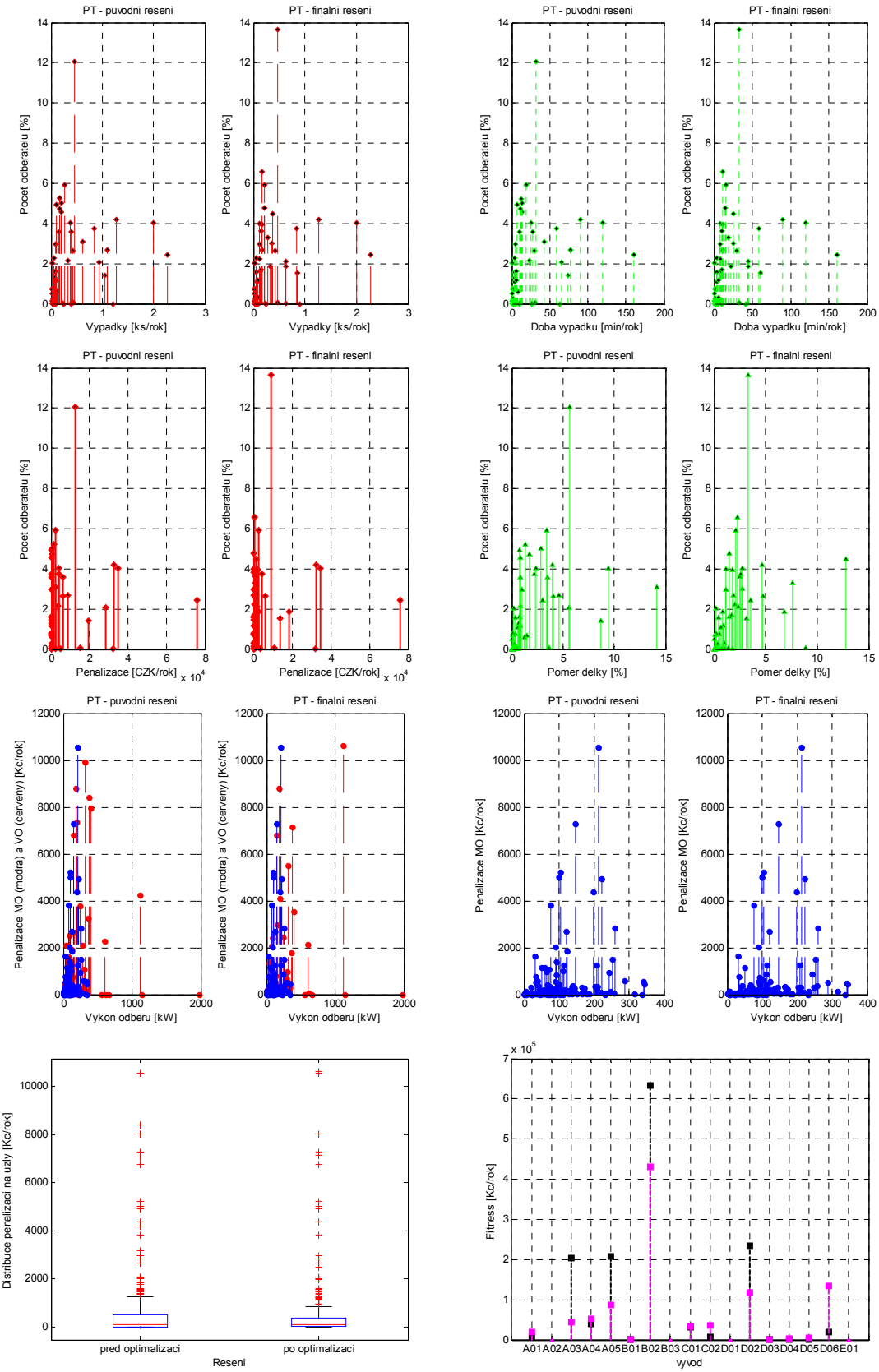

Nejvetsi delka od zacatku vyvodu[km]
vyvod

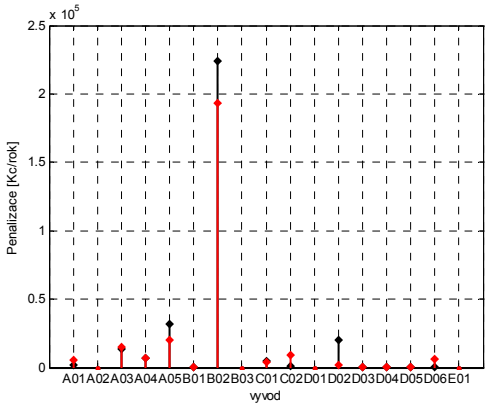
J Průběhy pro nastavení C_PT_dp

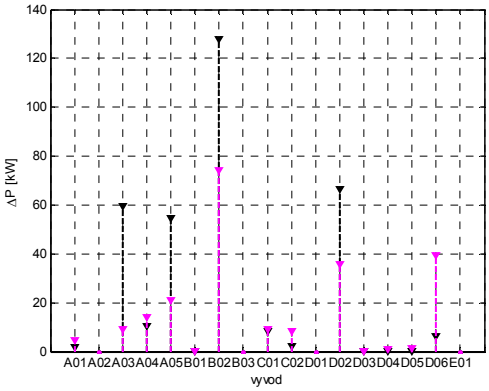


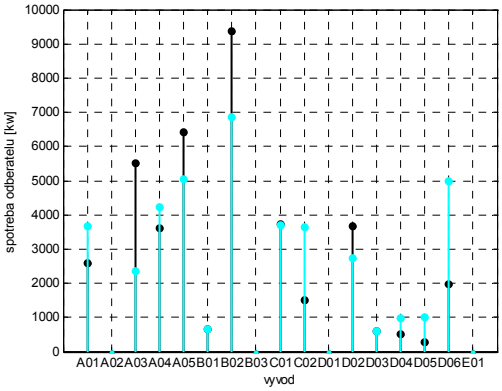


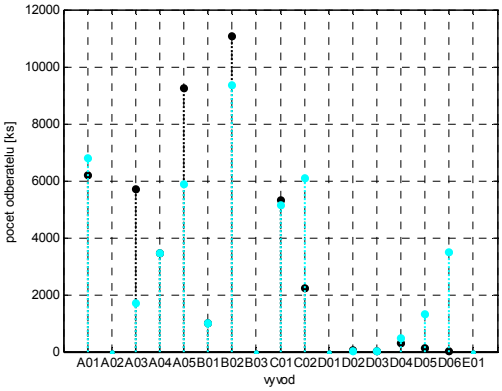
Pro další analýzu je vybran 1. průběh (červený).

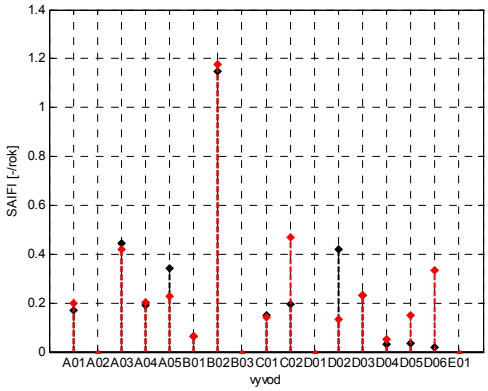

PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

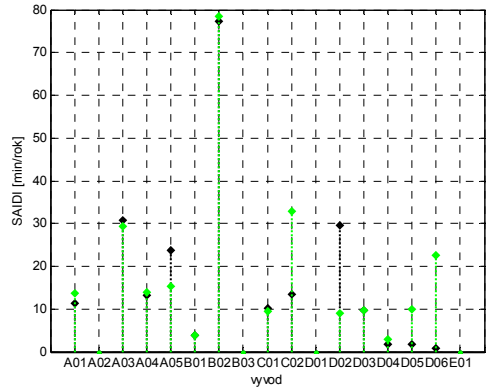

x 10^5
Penalizace [Kc/rok]
vyvod

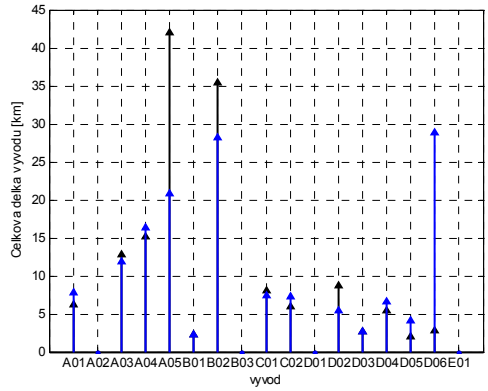

ΔP [kW]
vyvod

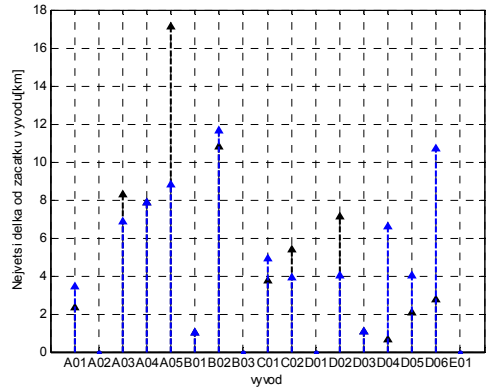

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

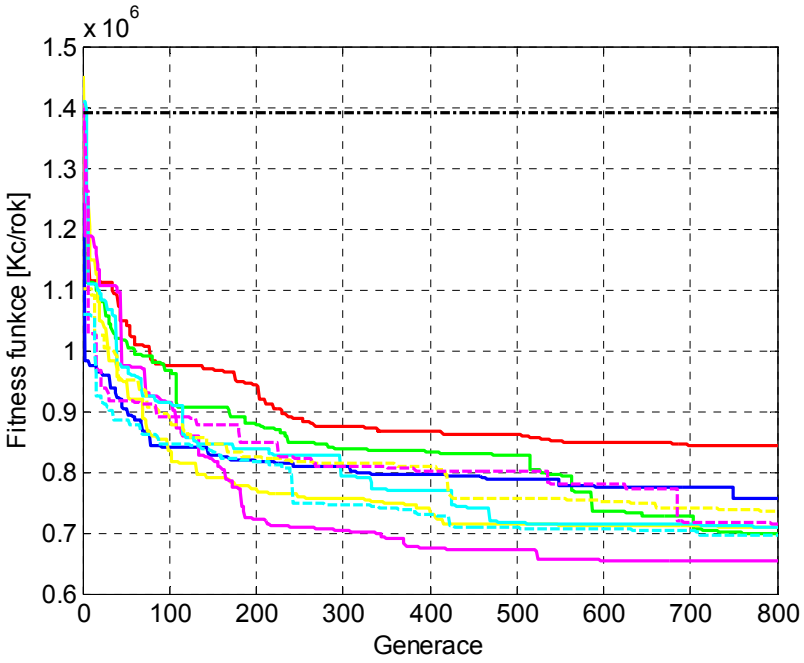

SAIFI [-/rok]
vyvod

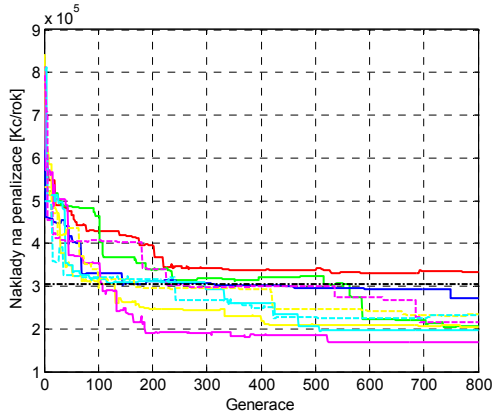

SAIDI [min/rok]
vyvod

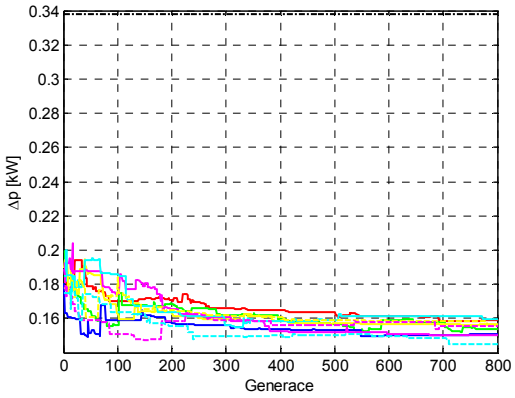

Celkova delka vyvodu [km]
vyvod

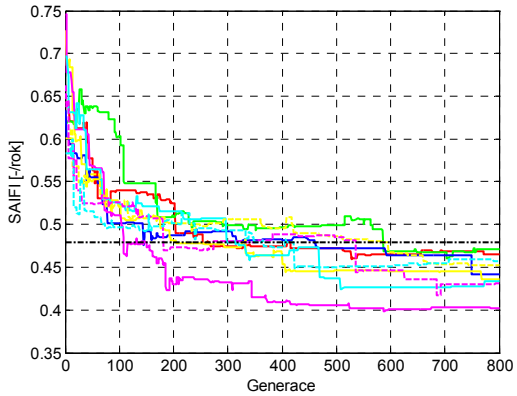

Nejvetsi delka od zacatku vyvodu[km]
vyvod

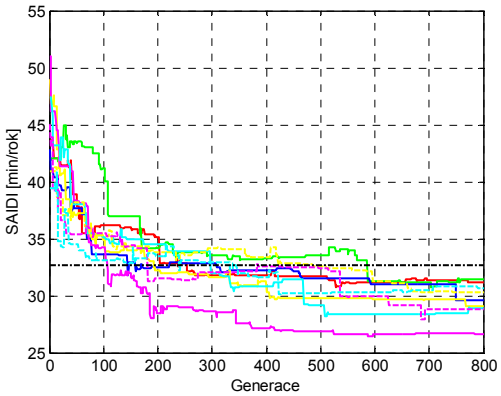
K Průběhy pro nastavení C_PTX_dp



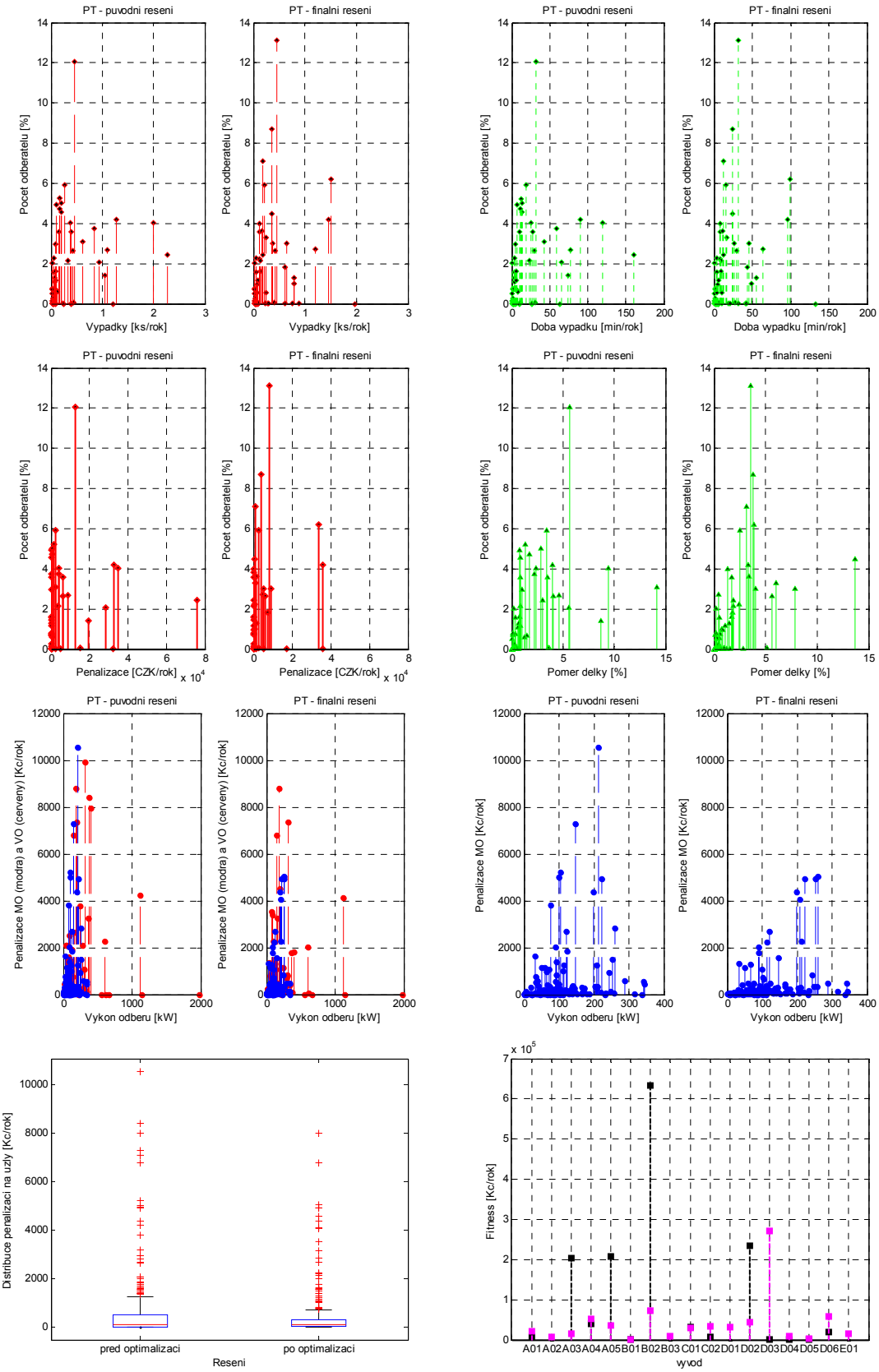


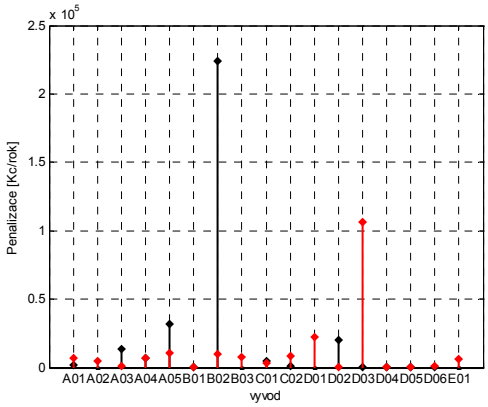


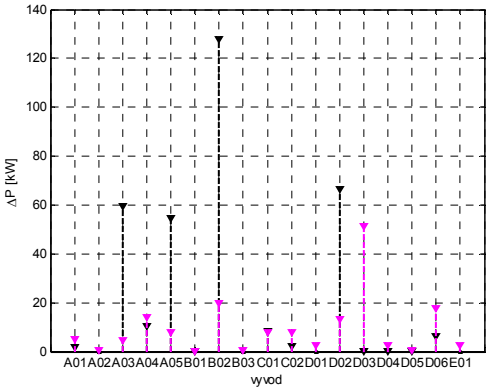


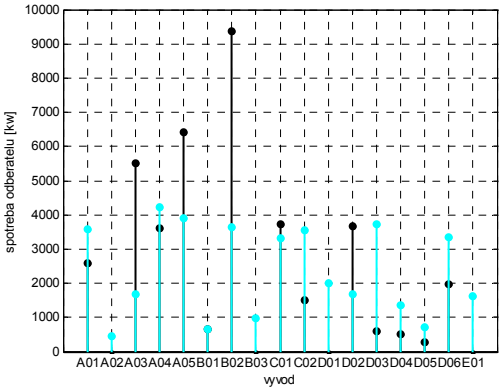


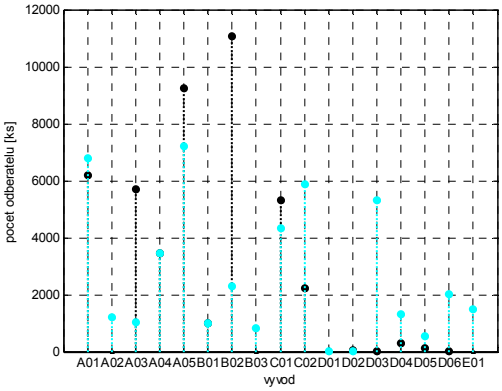
Pro další analýzu je vybran 6. průběh (bledě modrá).

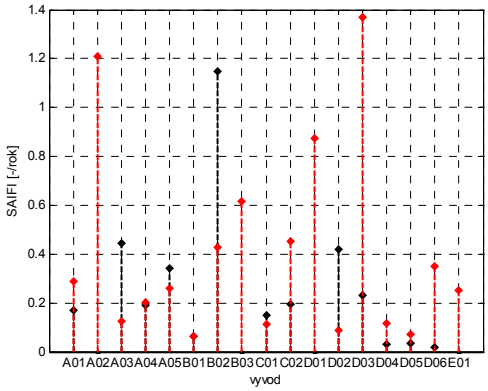

PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cervena) [Kc/rok]
Penalizace MO [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

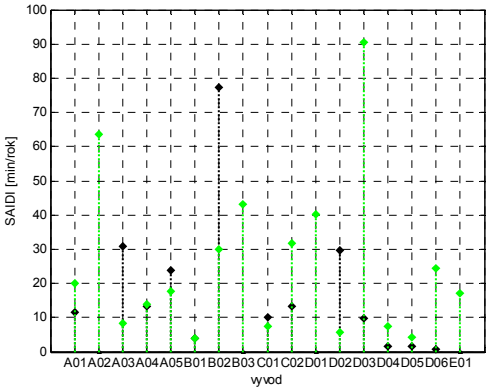

x 10^5
Penalizace [Kc/rok]
vyvod

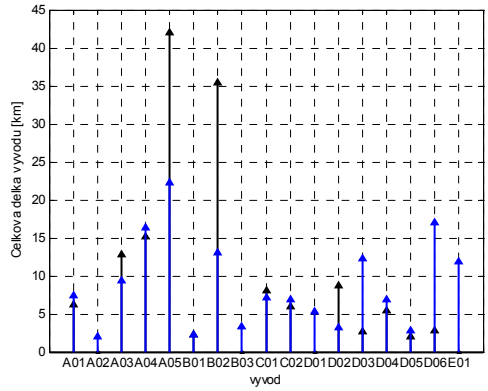

ΔP [kW]
vyvod

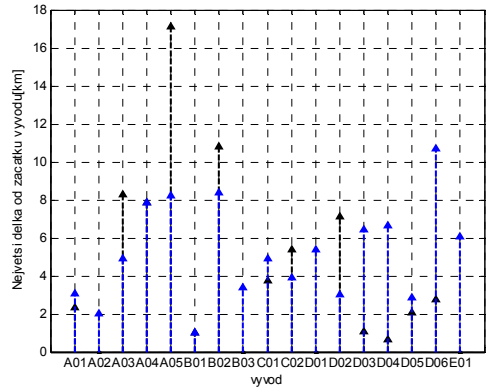

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

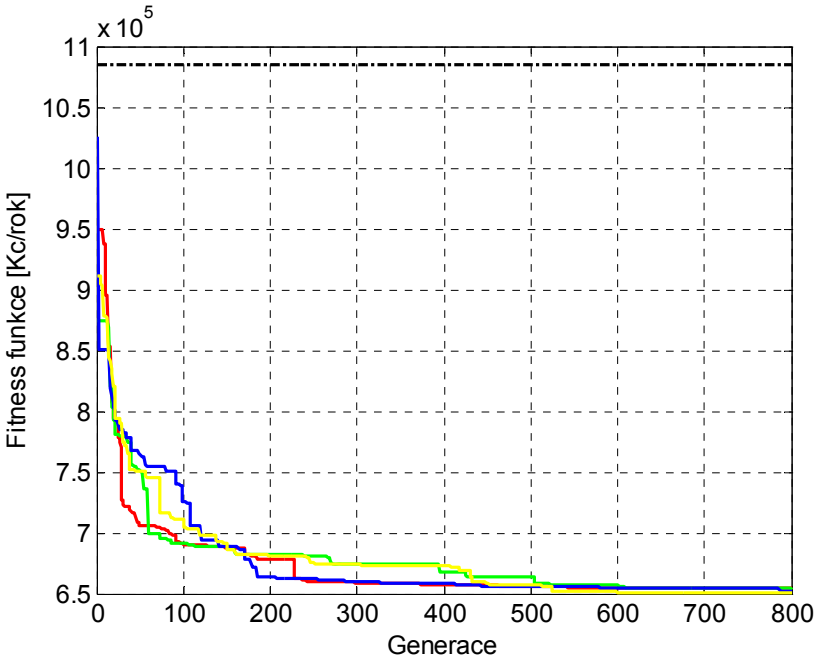

SAIFI [-/rok]
vyvod

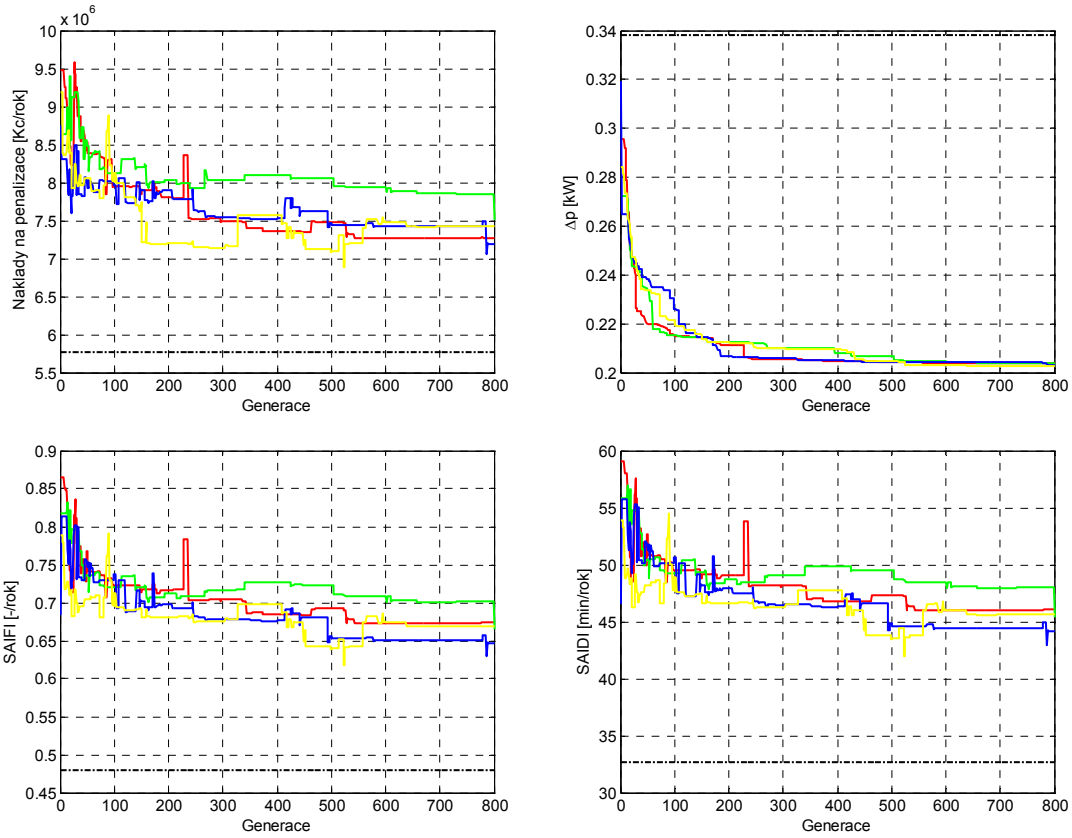

SAIDI [min/rok]
vyvod


Celkova delka vyvodu [km]
vyvod


Nejvetsi delka od zacatku vyvodu[km]
vyvod

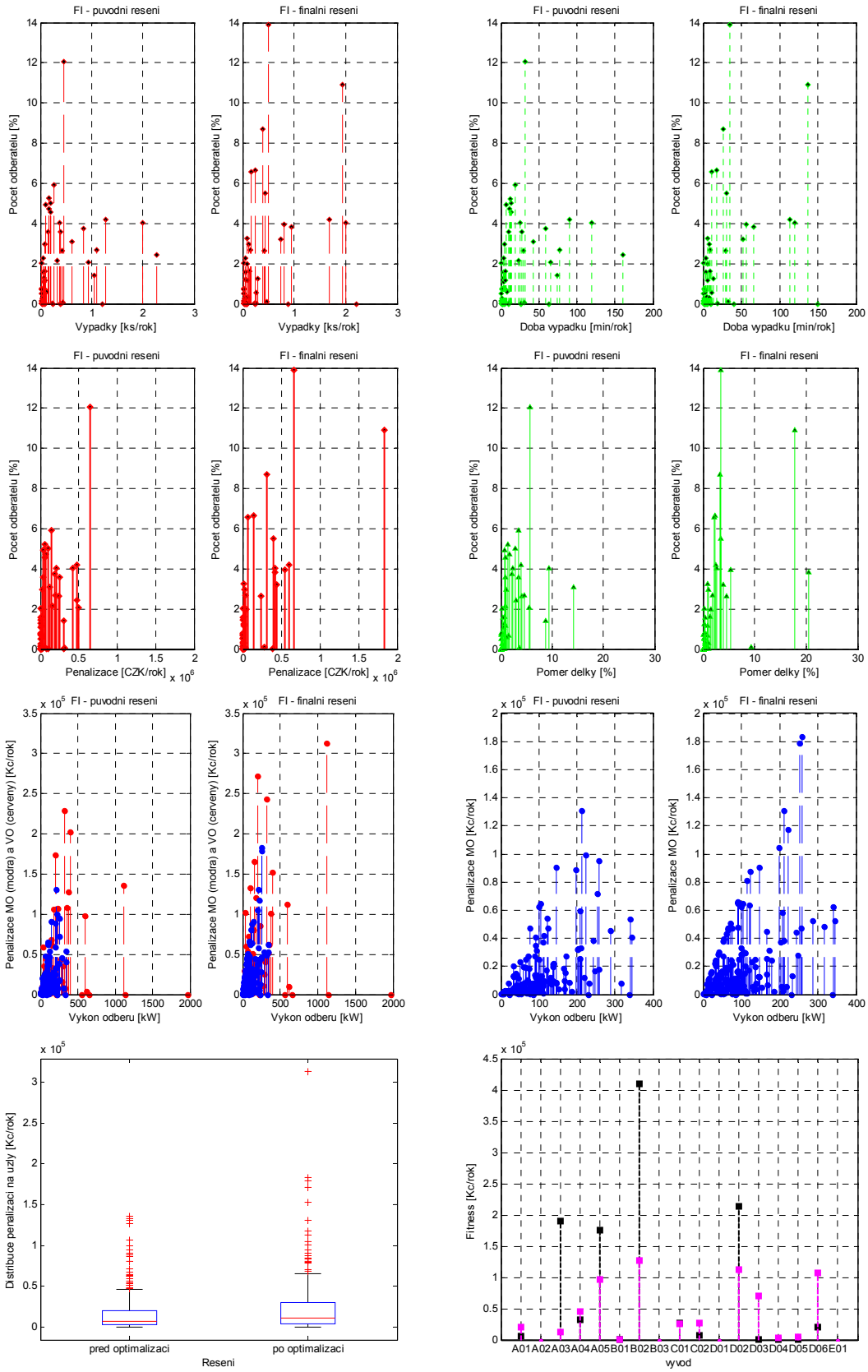
L Průběhy pro nastavení C_Dp

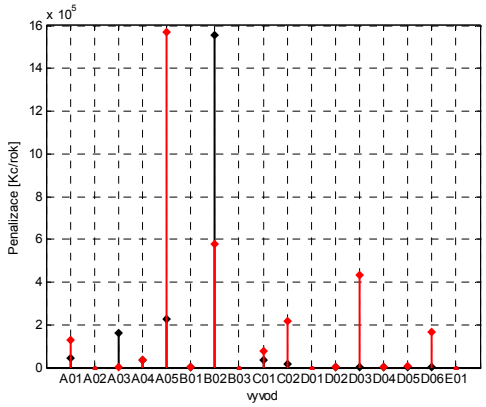




Pro další analýzu je vybran 3. průběh (modrý).

Následujících grafech jsou uvedeny i penalizace pro finský standard, které slouží pouze k porovnání a neměly vliv na průběh optimalizace.


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


x 10^5
Penalizace [Kc/rok]
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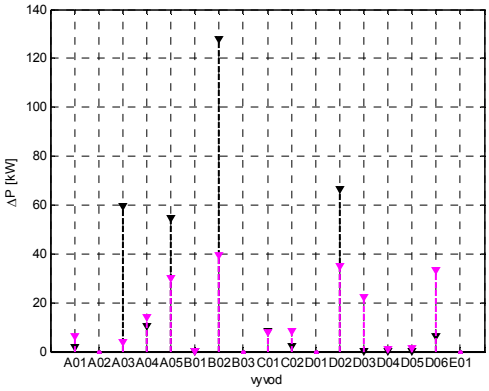
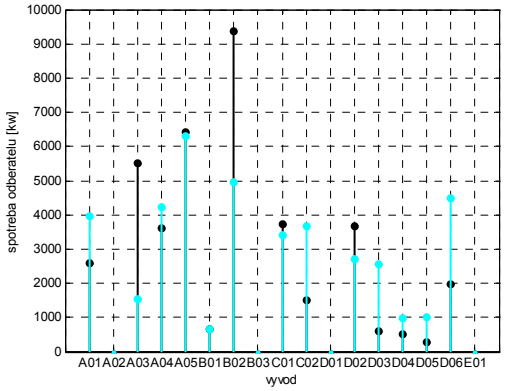
vyvod


ΔP [kW]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


spotreba odberatelu [kw]
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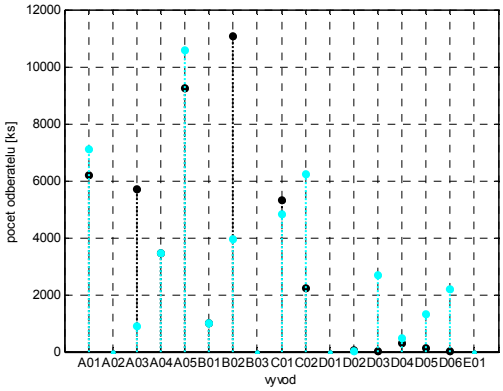
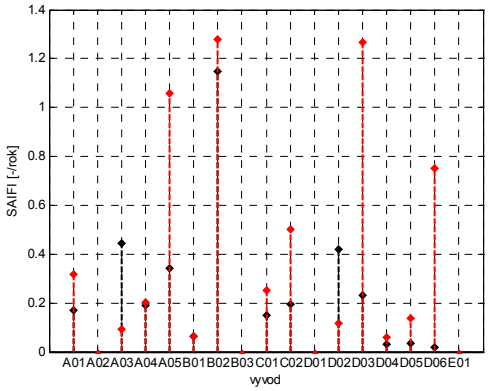
vyvod


pocet odberatelu [ks]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


SAIFI [-/rok]
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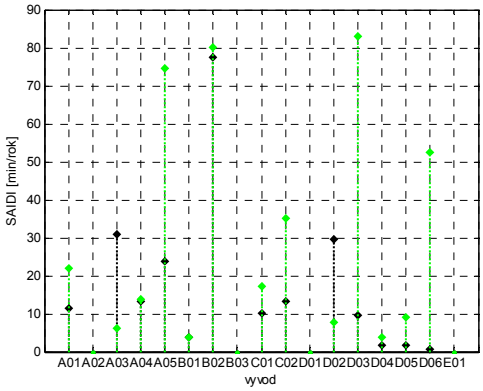
vyvod


SAIDI [min/rok]
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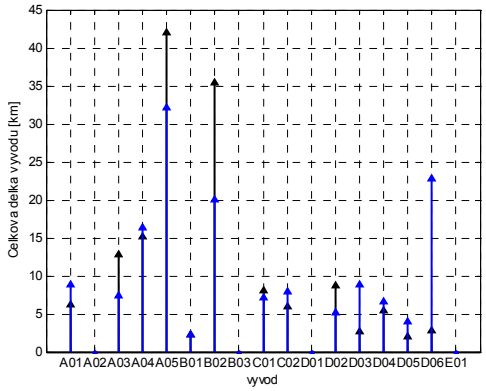
vyvod


Celkova delka vyvodu [km]
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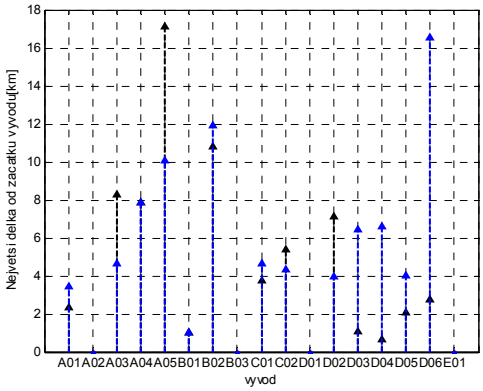
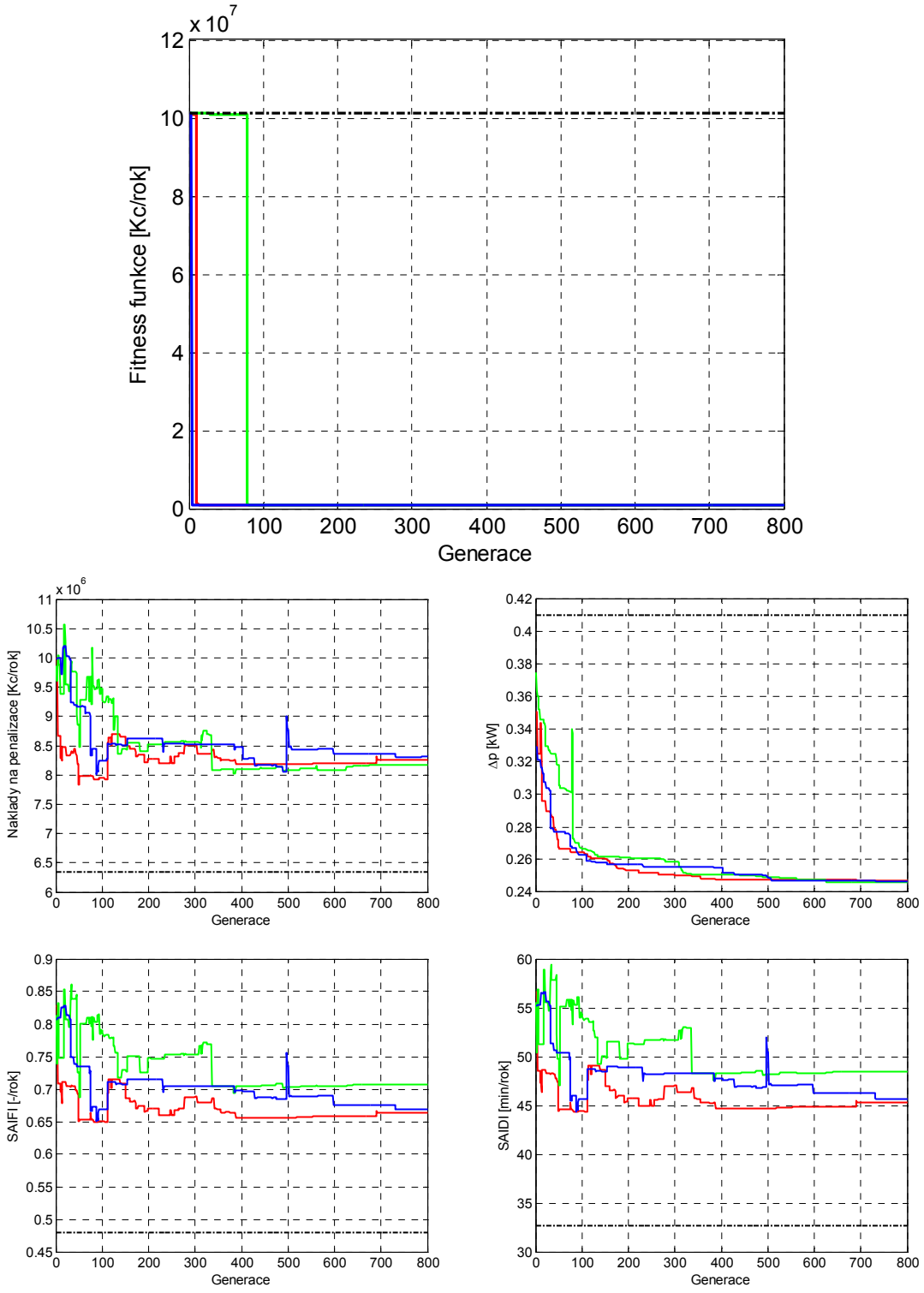
vyvod

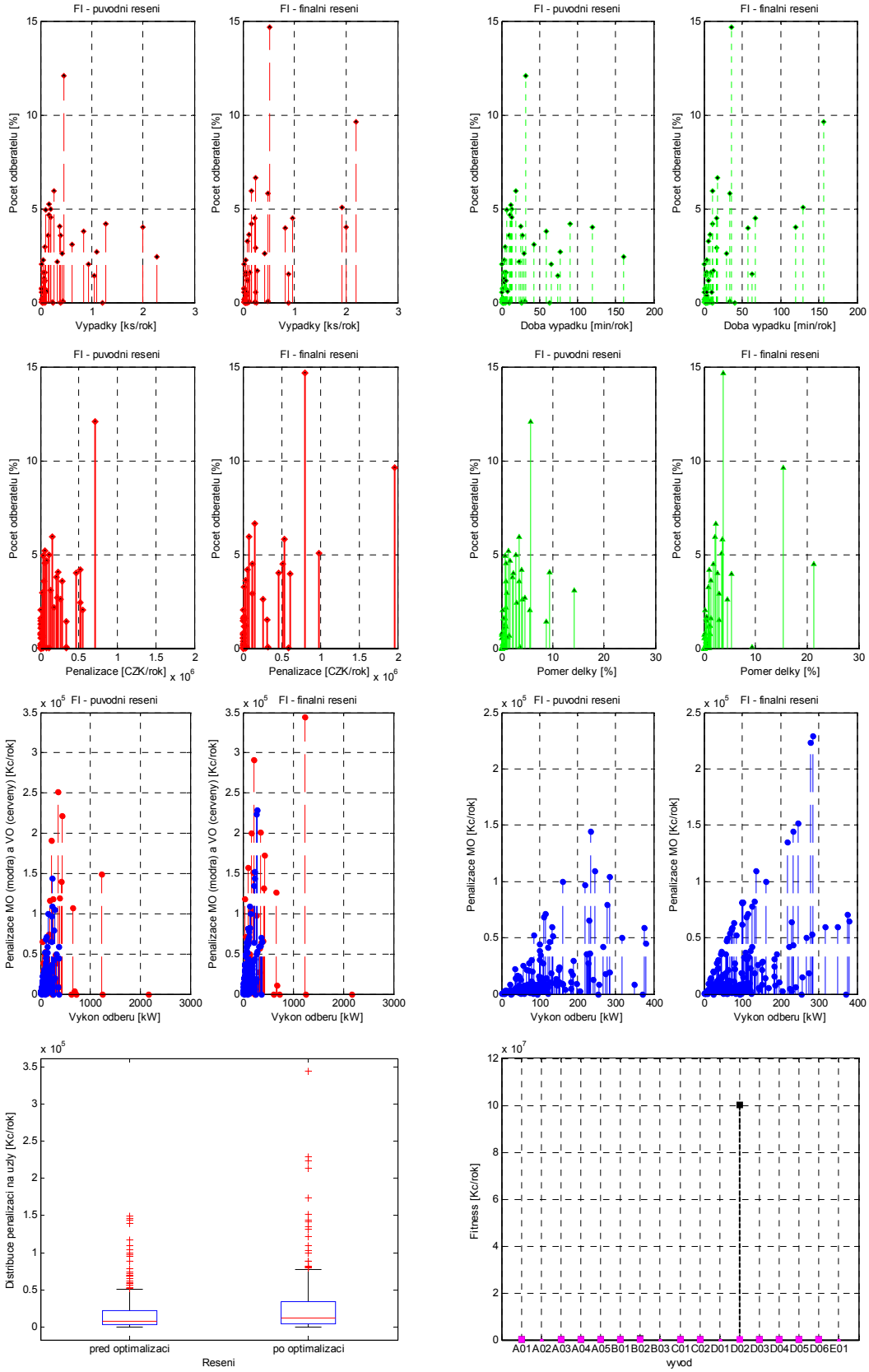

Nejvetsi delka od zacatku vyvodu[km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

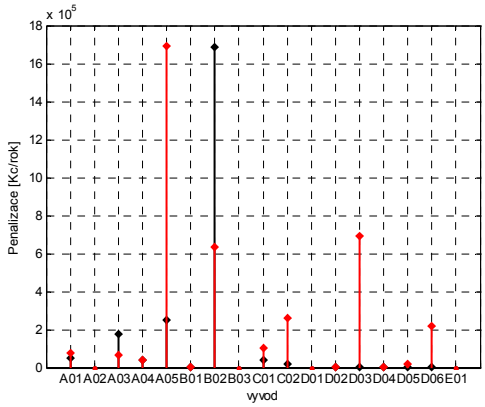
M Průběhy pro nastavení Ch01_DP010



Pro další analýzu je vybran 3. průběh (modrý).

Následujících grafech jsou uvedeny i penalizace pro finský standard, které slouží pouze k porovnání a neměly vliv na průběh optimalizace.


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^7
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


x 10^5
Penalizace [Kc/rok]
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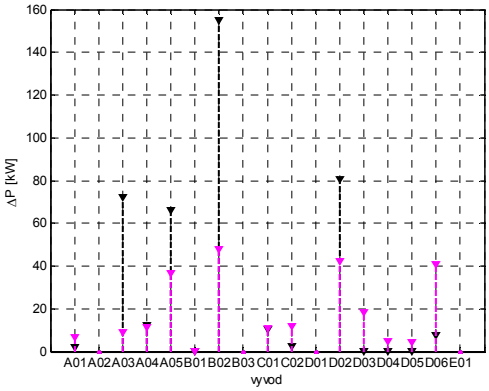
vyvod


ΔP [kW]
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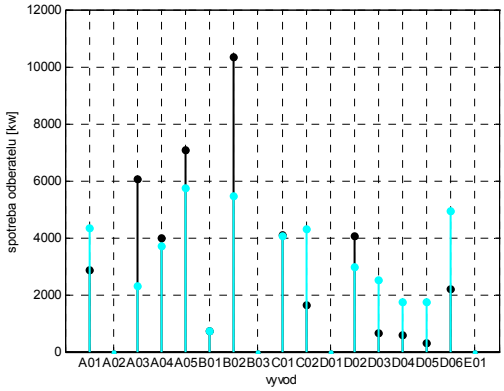
vyvod


spotreba odberatelu [kw]
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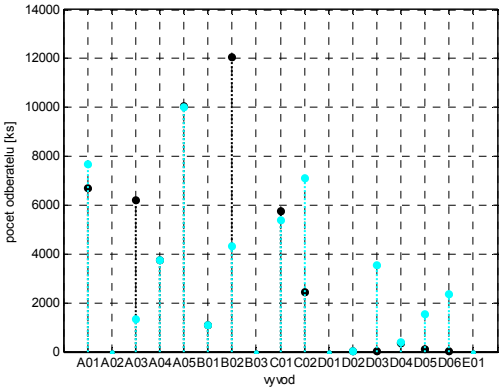
vyvod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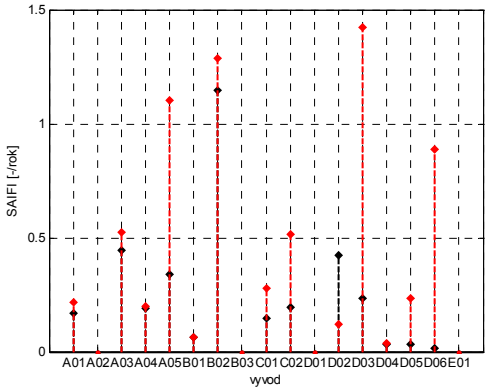
vyvod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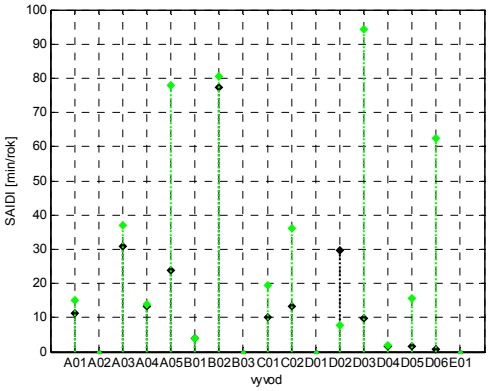
vyvod


SAIDI [min/rok]
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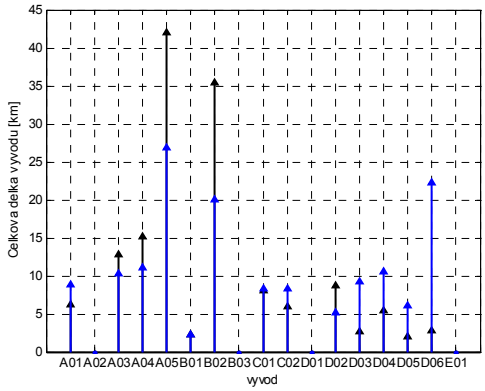
vyvod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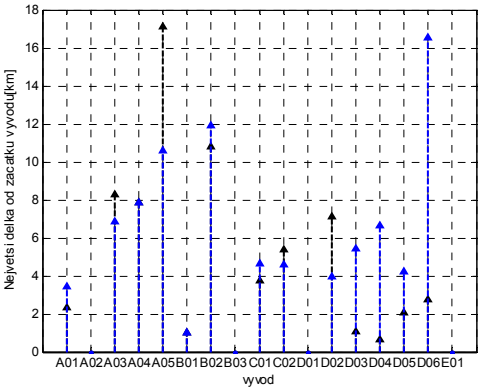
vyvod


Nejvetsi delka od zacatku vyvodu[km]
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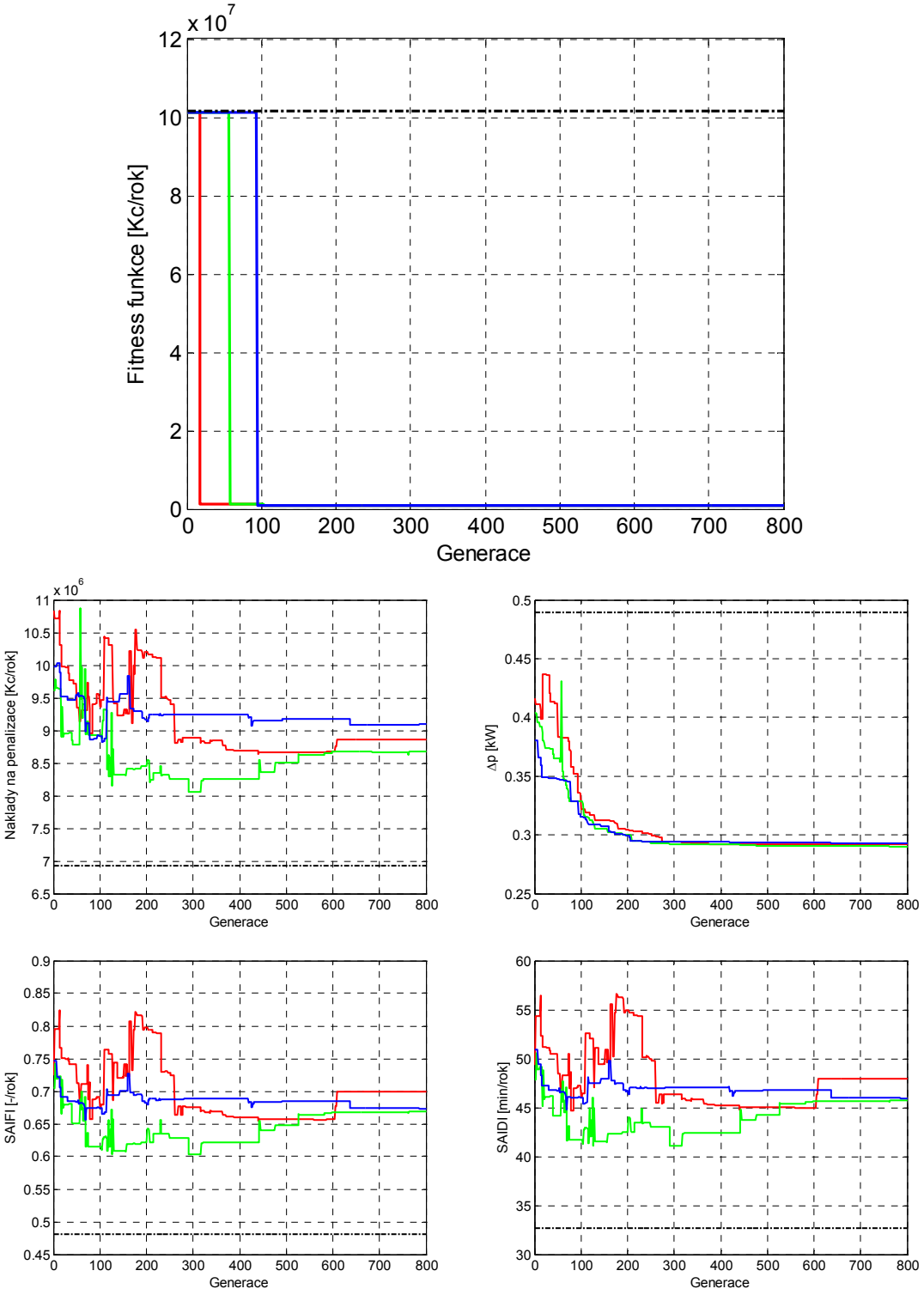
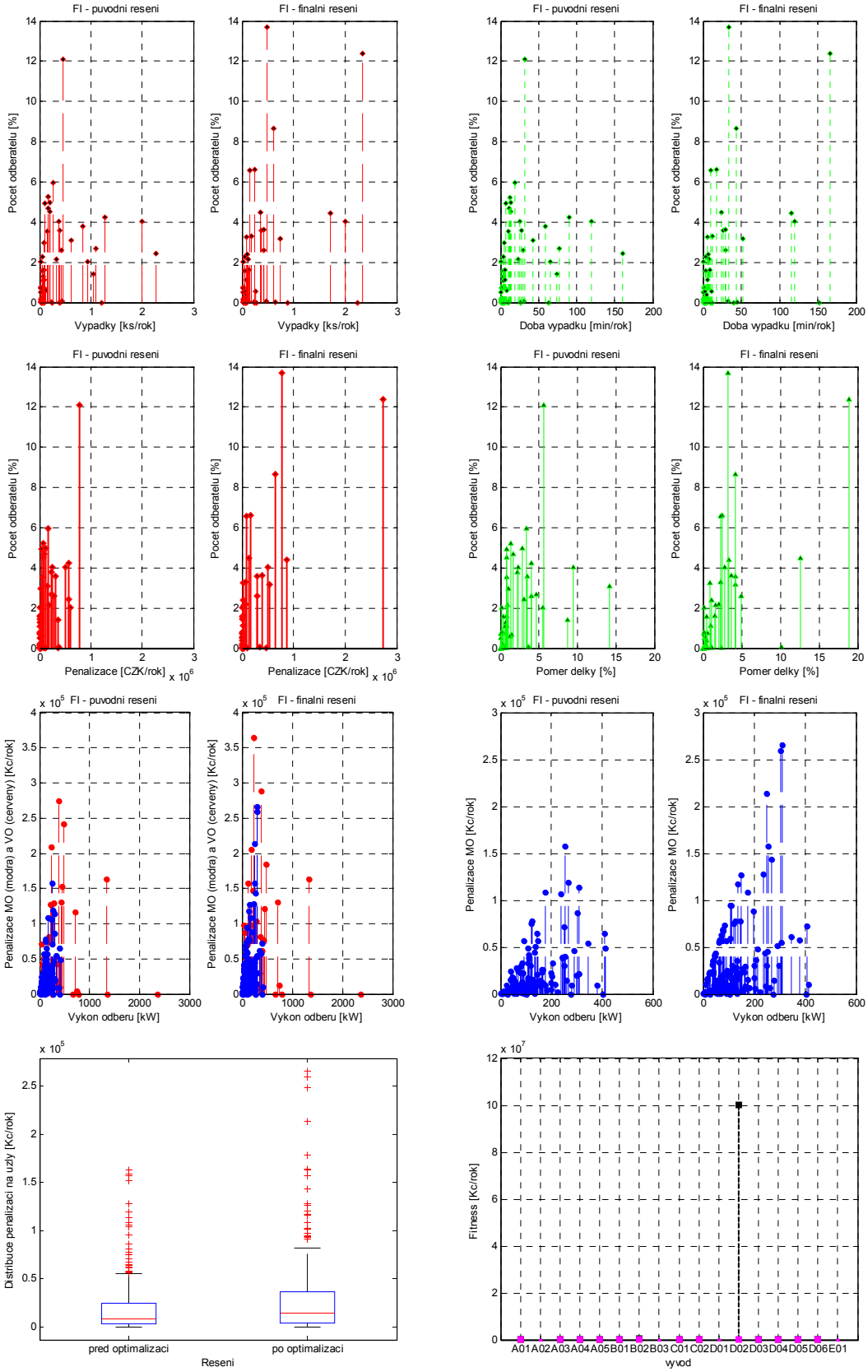
vyvod

N Průběhy pro nastavení Ch01_DP020



Pro další analýzu je vybran 1. průběh (červený).

Následujících grafech jsou uvedeny i penalizace pro finský standard, které slouží pouze k porovnání a neměly vliv na průběh optimalizace.


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^7
Fitness [Kc/rok]
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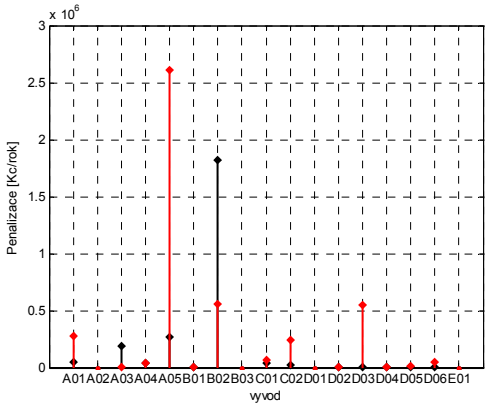
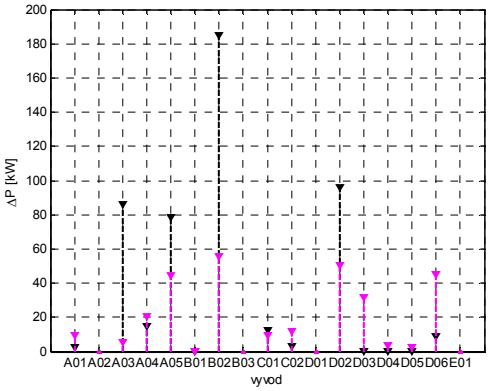
vyvod


x 10^6
Penalizace [Kc/rok]
0
0.5
1
1.5
2
2.5
3
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


ΔP [kW]
0
20
40
60
80
100
120
140
160
180
200
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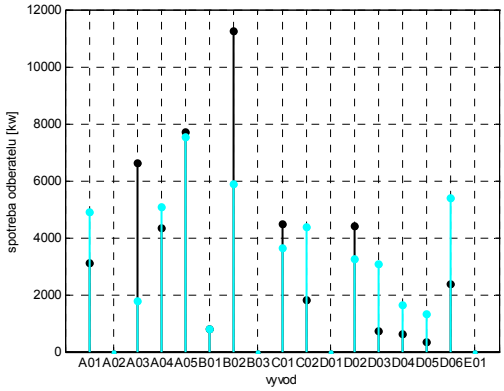
vyvod


spotreba odberatelu [kw]
0
2000
4000
6000
8000
10000
12000
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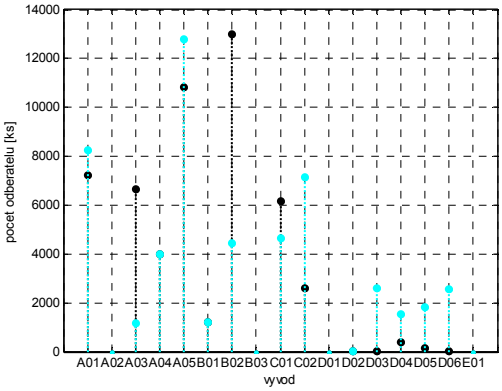
vyvod


pocet odberatelu [ks]
0
2000
4000
6000
8000
10000
12000
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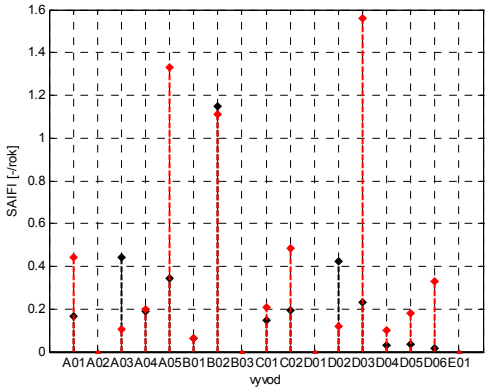
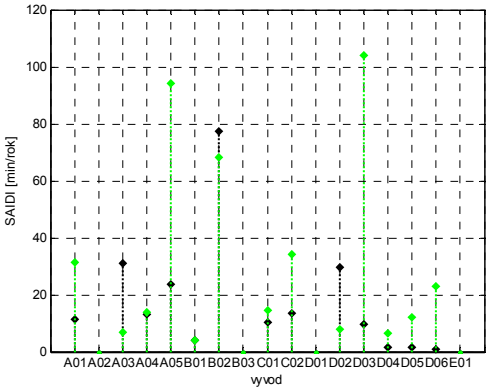
vyvod


SAIFI [-/rok]
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


SAIDI [min/rok]
0
20
40
60
80
100
120
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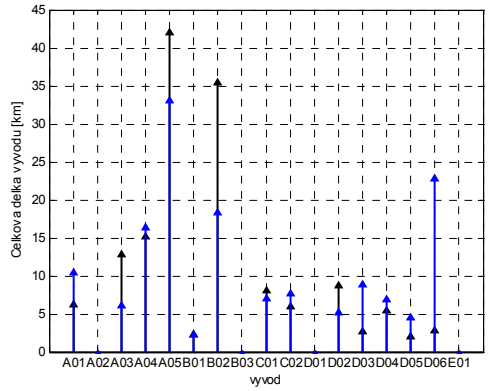
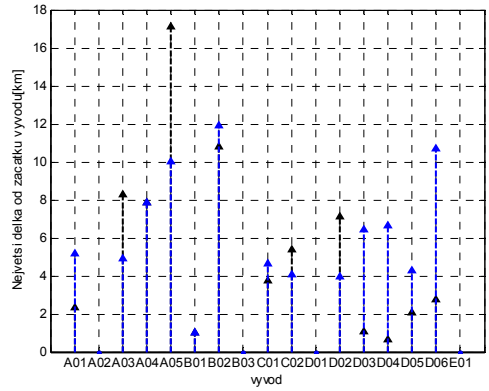
vyvod


Celkova delka vyvodu [km]
0
5
10
15
20
25
30
35
40
45
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


Nejvetsi delka od zacatku vyvodu[km]
0
2
4
6
8
10
12
14
16
18
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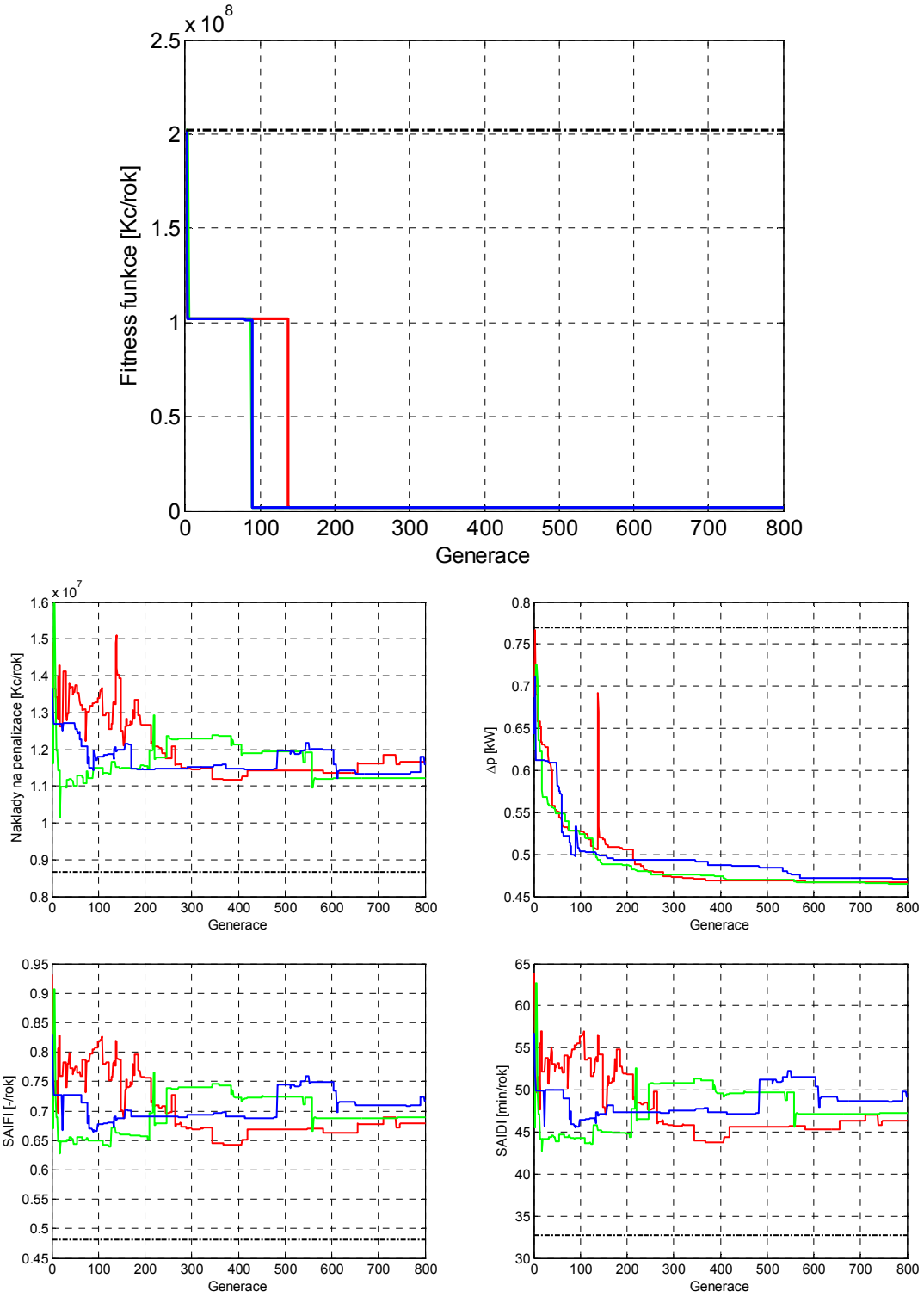
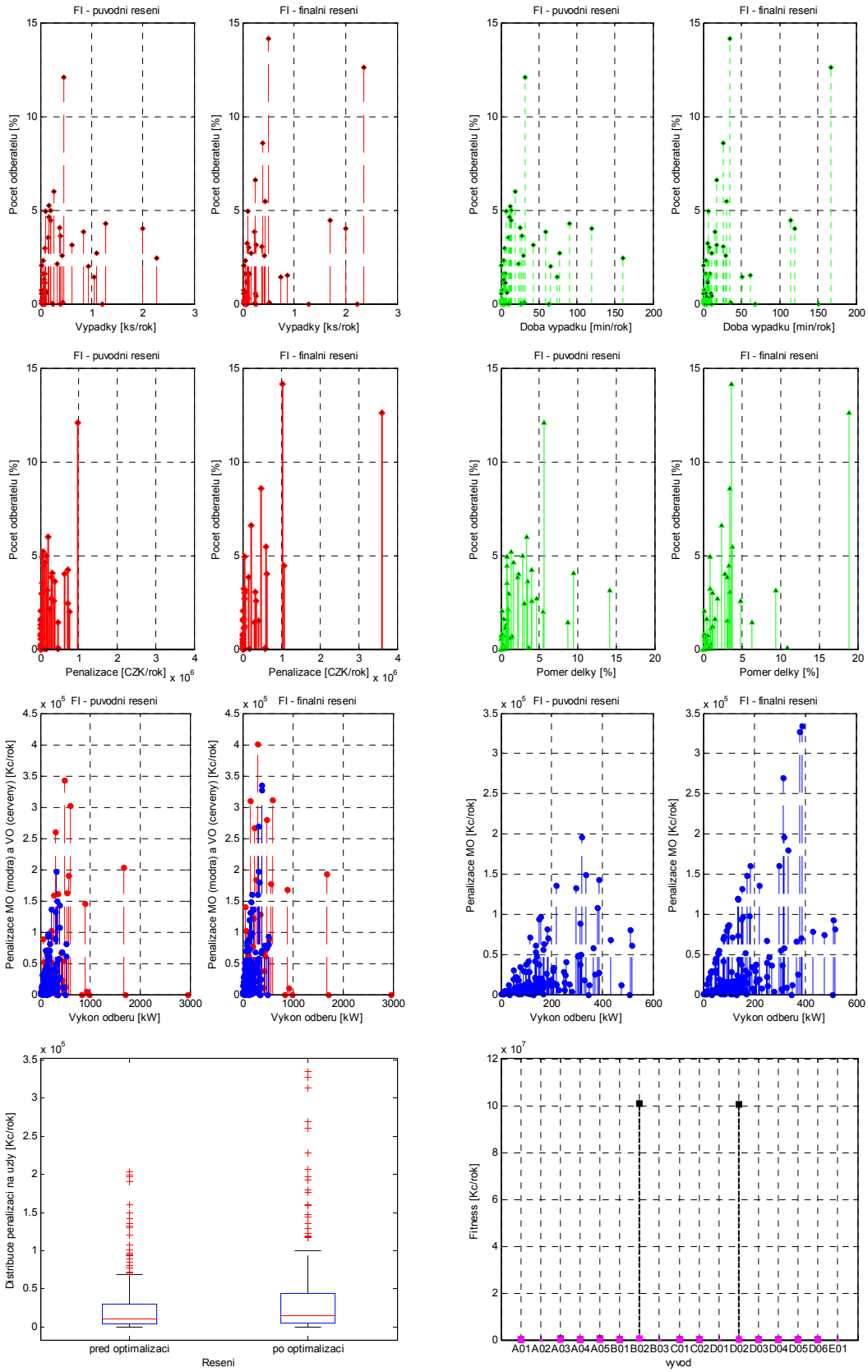
vyvod

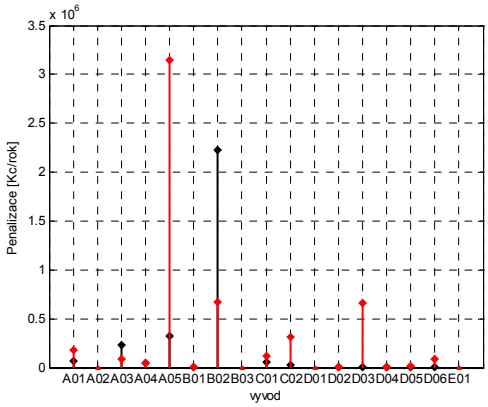
O Průběhy pro nastavení Ch01_DP050



Pro další analýzu je vybran 2. průběh (zelený).

Následujících grafech jsou uvedeny i penalizace pro finský standard, které slouží pouze k porovnání a neměly vliv na průběh optimalizace.


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^7
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


x 10^6
Penalizace [Kc/rok]
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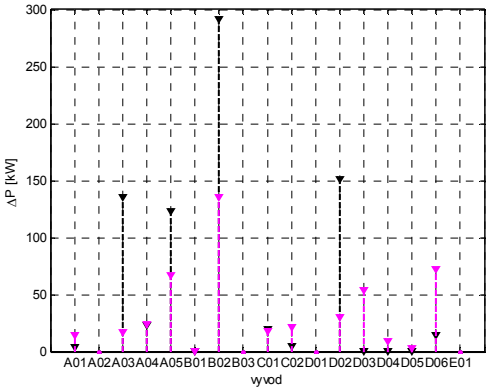
vyvod


ΔP [kW]
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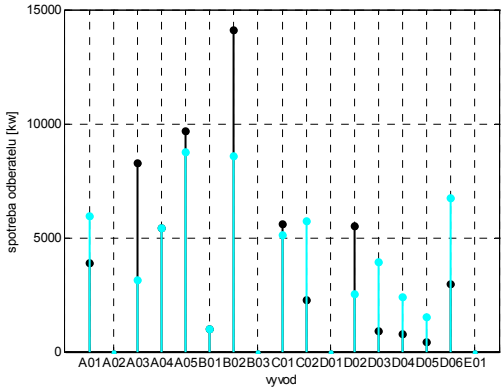
vyvod


spotreba odberatelu [kw]
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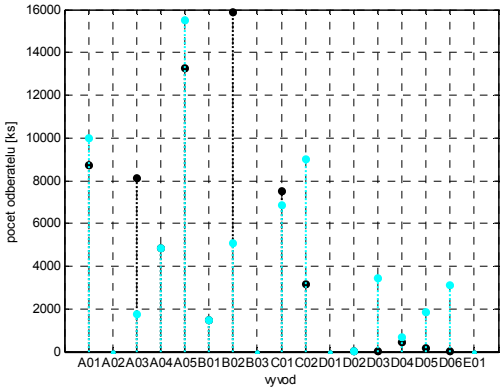
vyvod


pocet odberatelu [ks]
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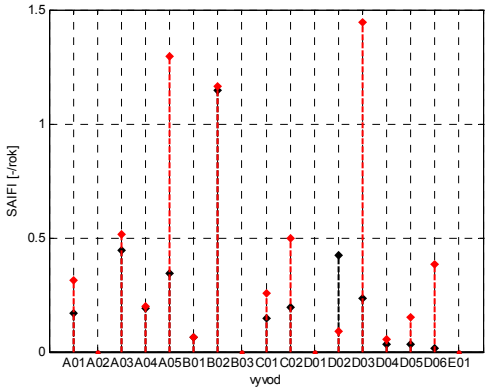
vyvod


SAIFI [-/rok]
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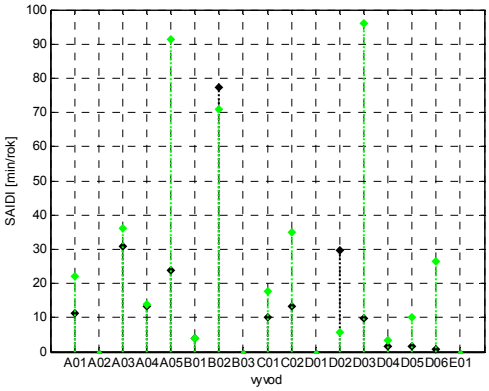
vyvod


SAIDI [min/rok]
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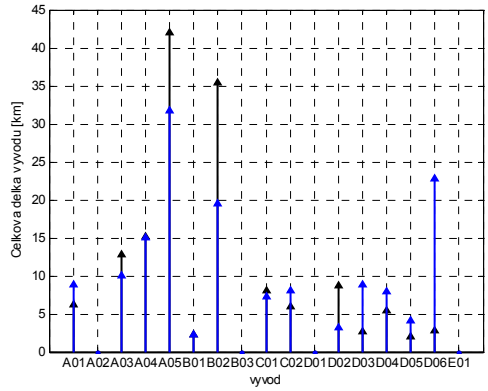
vyvod


Celkova delka vyvodu [km]
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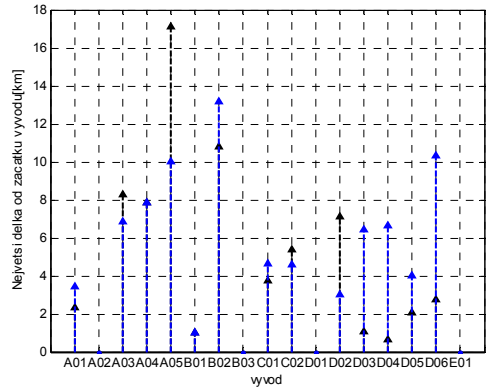
vyvod


Nejvetsi delka od zacatku vyvodu[km]
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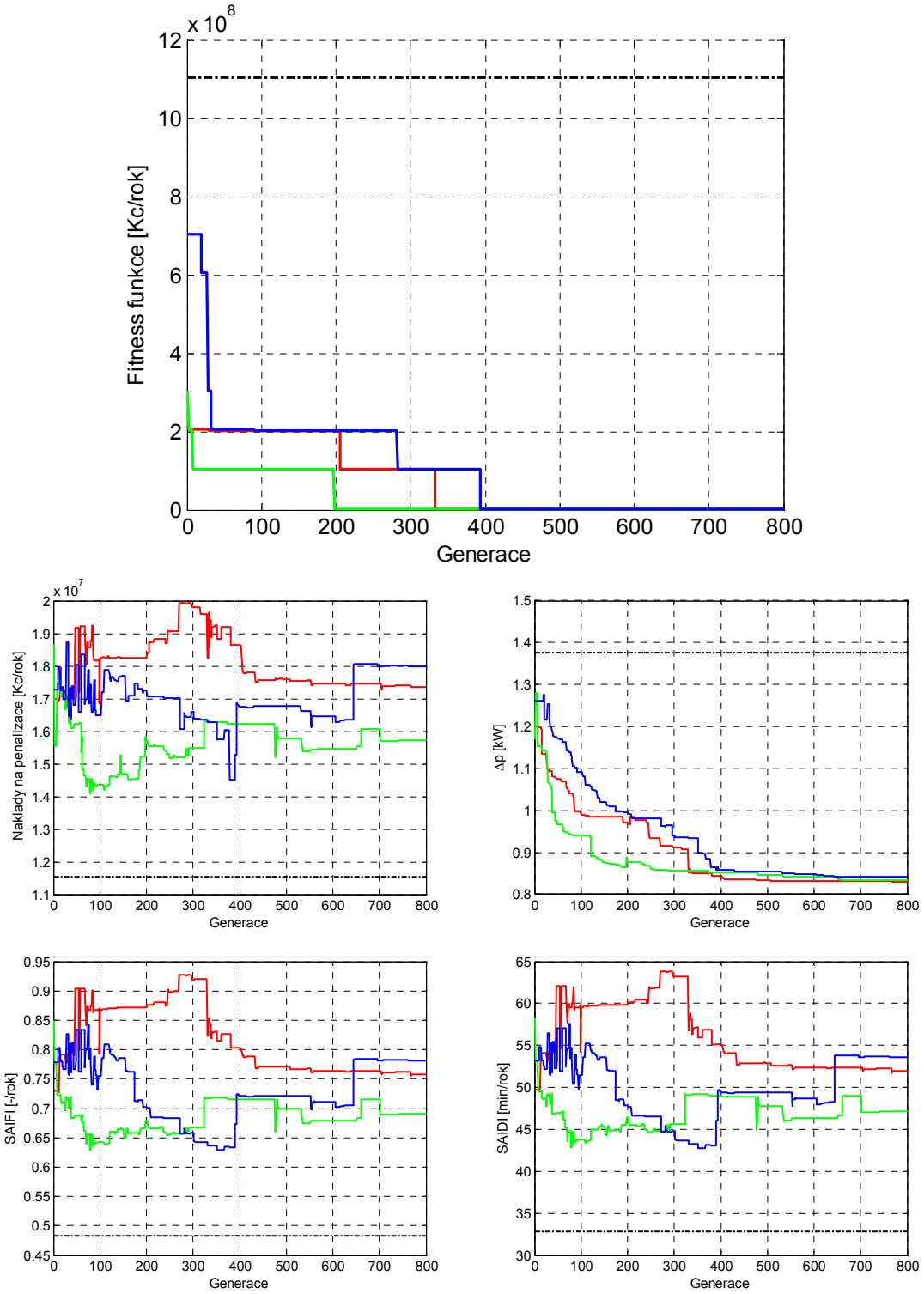
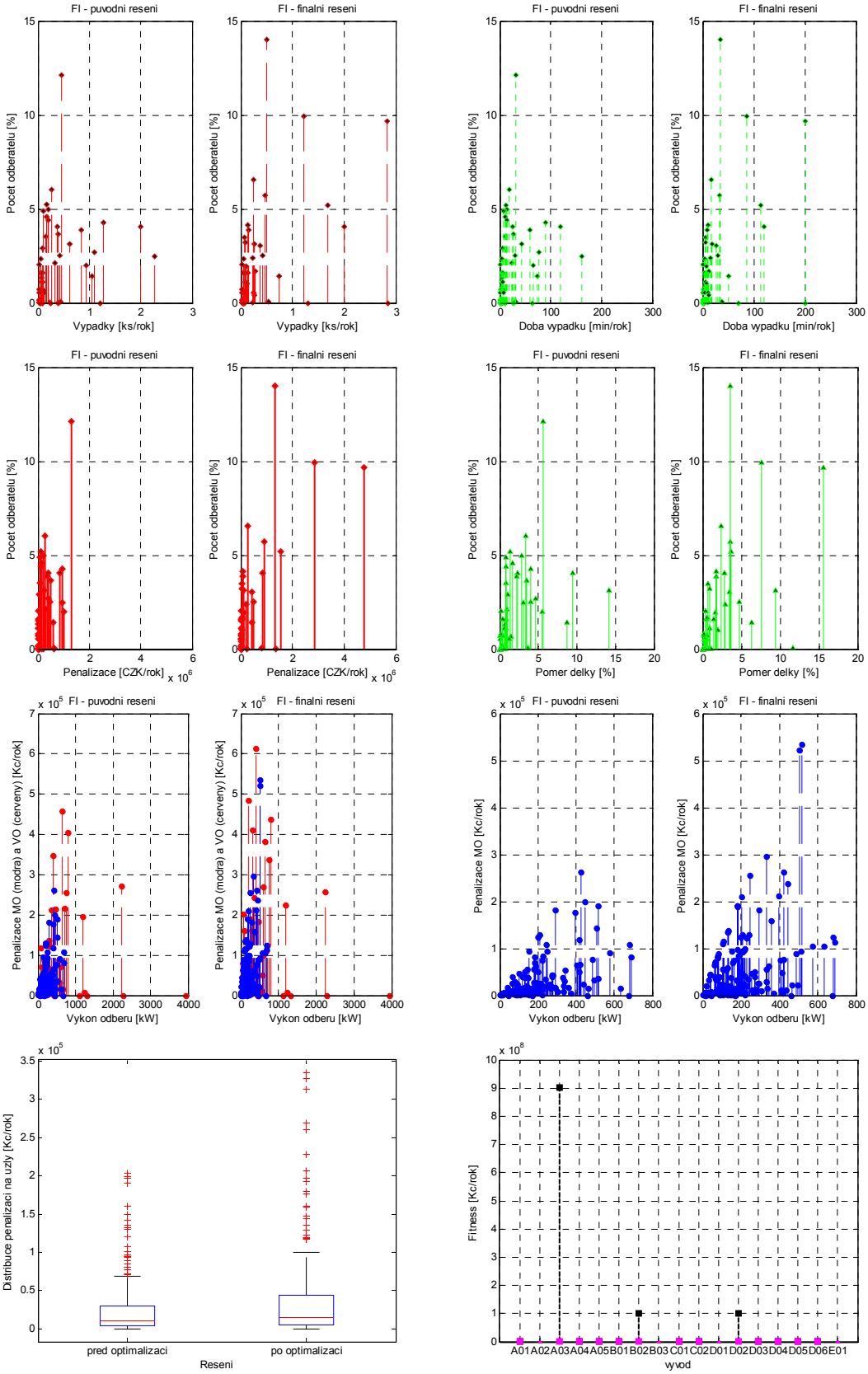
vyvod

P Průběhy pro nastavení Ch01_DP100



Pro další analýzu je vybran 1. průběh (červený).

Následujících grafech jsou uvedeny i penalizace pro finský standard, které slouží pouze k porovnání a neměly vliv na průběh optimalizace.


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^8
Fitness [Kc/rok]
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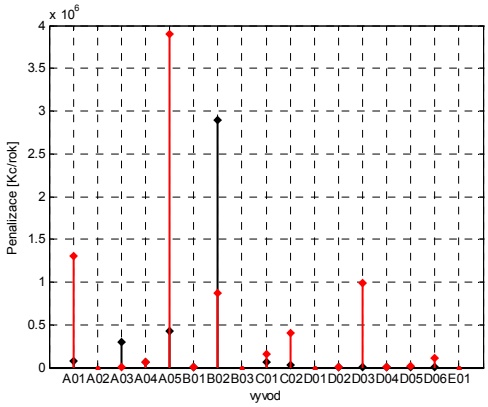
vyvod


x 10^6
Penalizace [Kc/rok]
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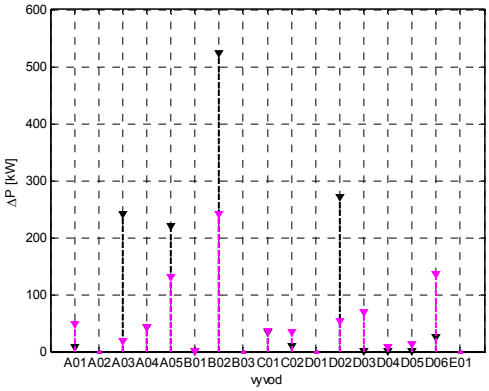
vyvod


ΔP [kW]
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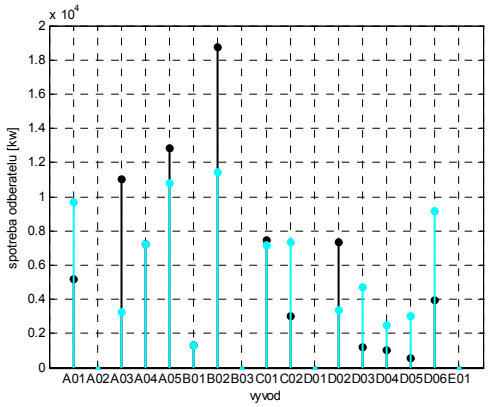
vyvod


x 10^4
spotreba odberatelu [kw]
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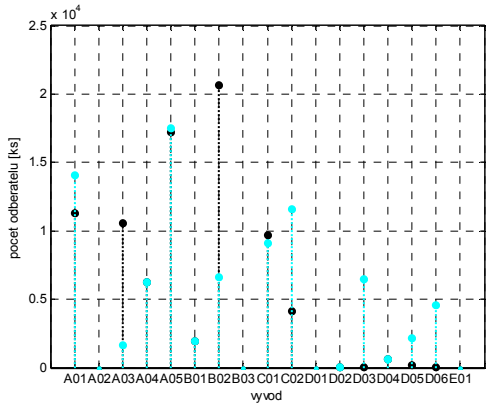
vyvod


x 10^4
pocet odberatelu [ks]
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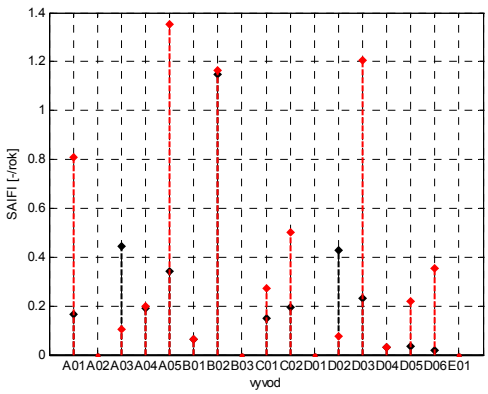
vyvod


SAIFI [-/rok]
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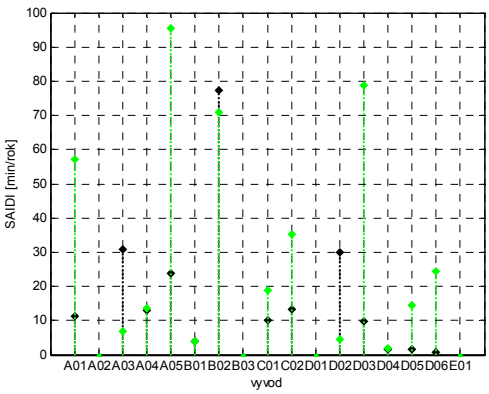
vyvod


SAIDI [min/rok]
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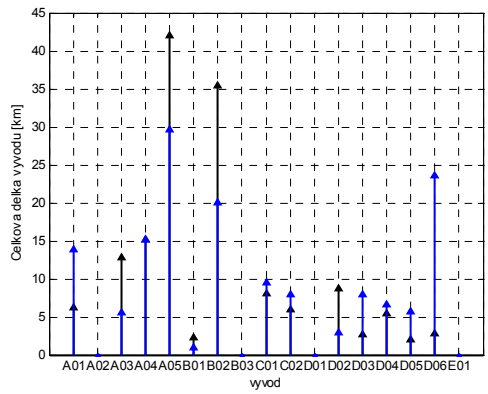
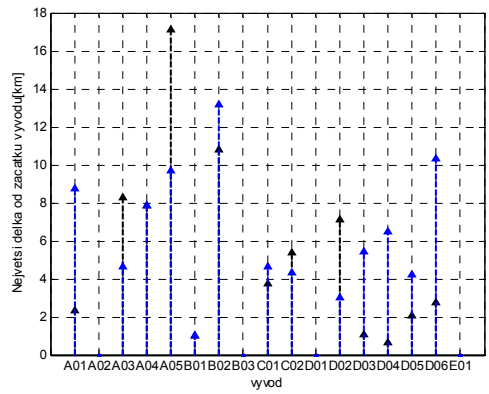
vyvod


Celkova delka vyvodu [km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


Nejvetsi delka od zacatku vyvodu[km]
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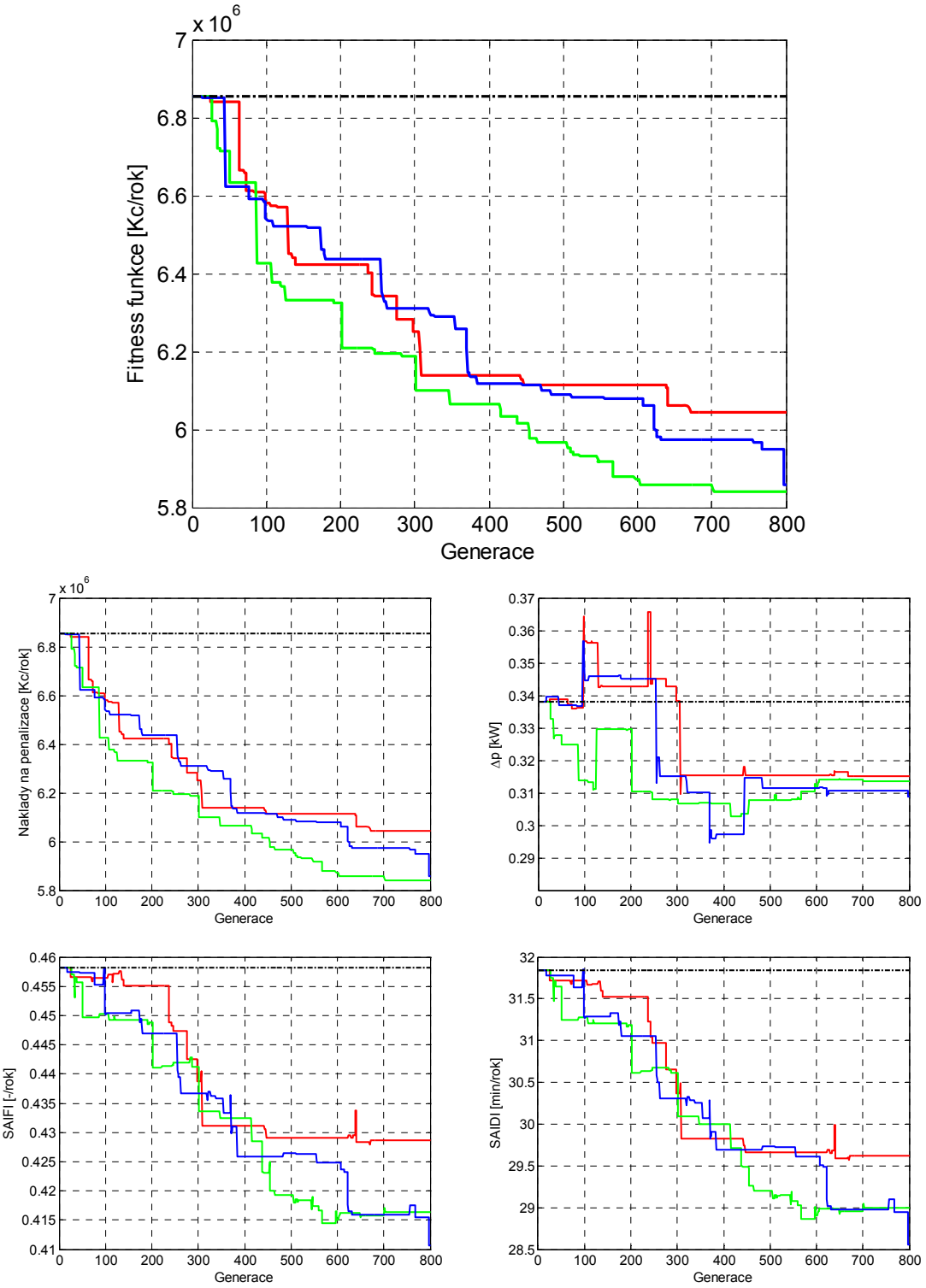
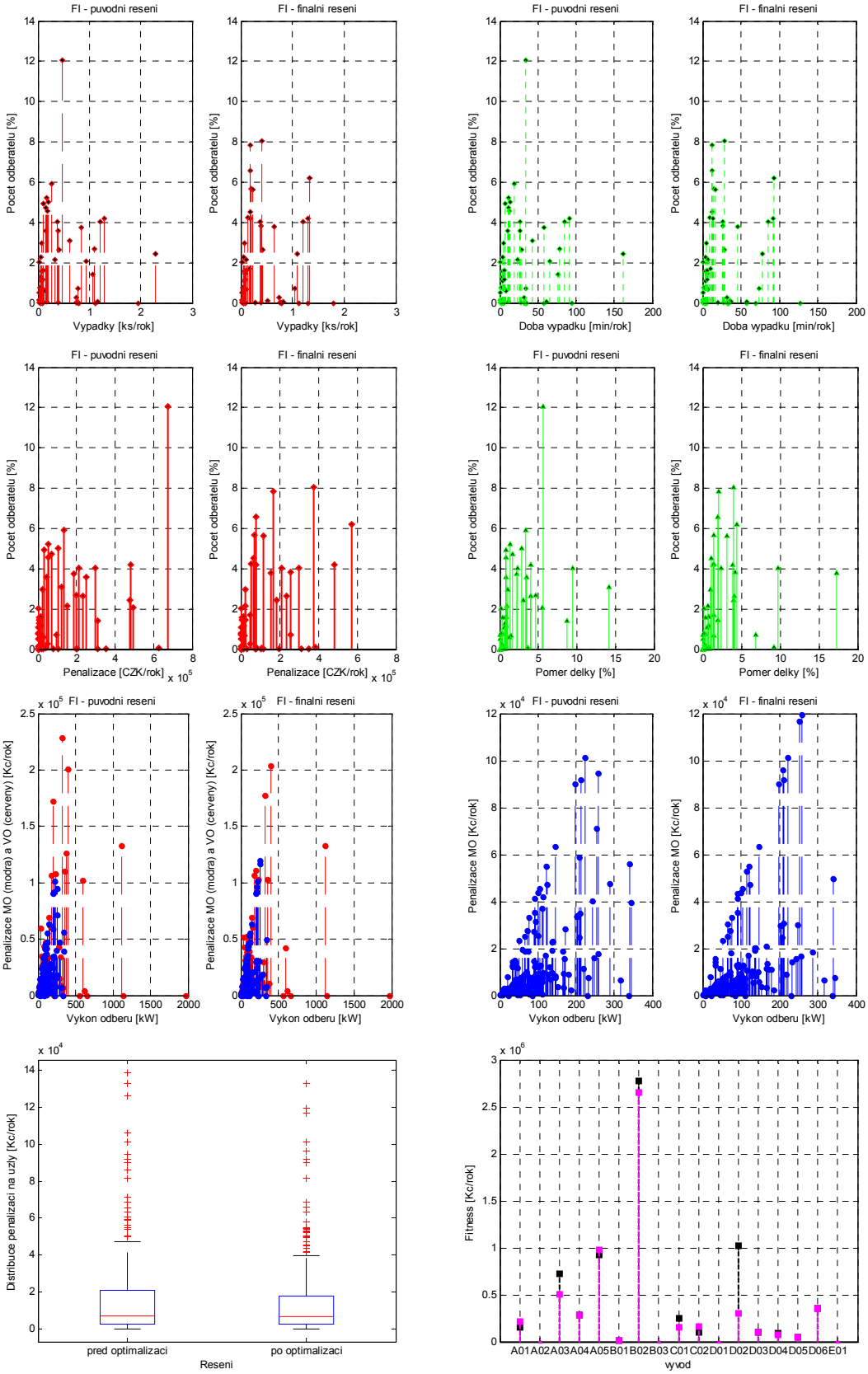
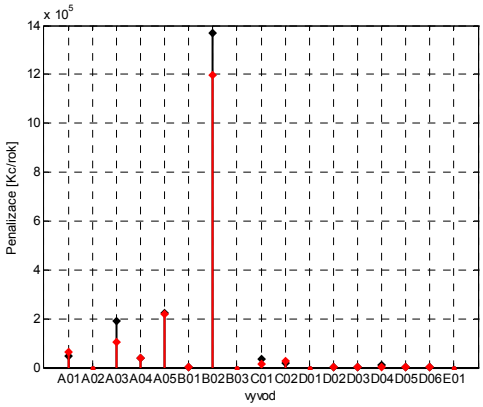
vyvod

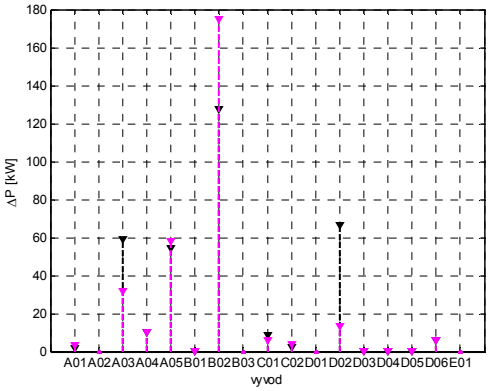
Q Průběhy pro nastavení Ch02_ABC_FI

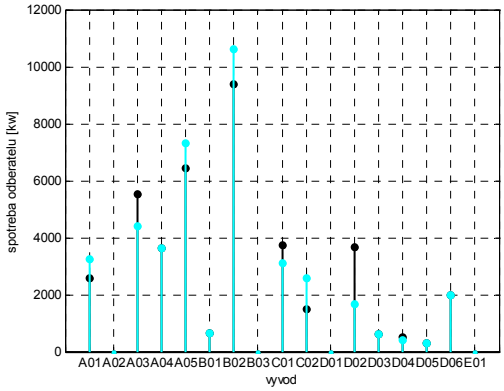


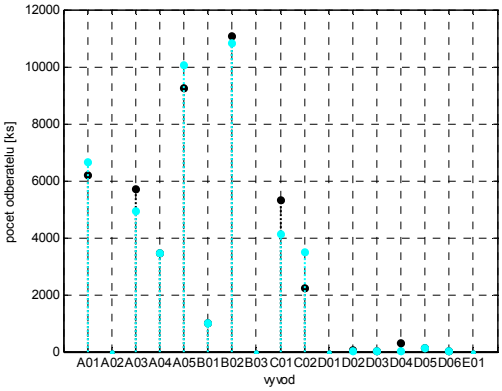
Pro další analýzu je vybran 3. průběh (modrý).

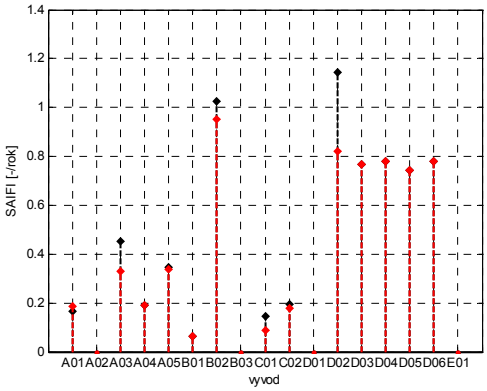

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
Pomer delky [%]
x 10^5
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

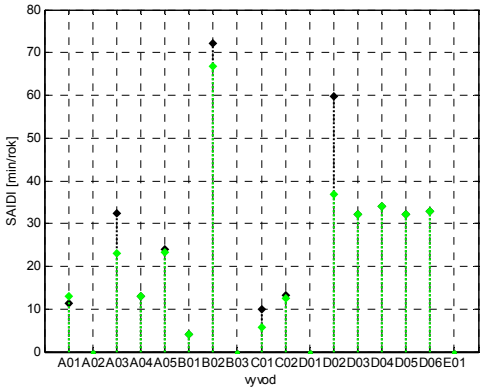

x 10^5
Penalizace [Kc/rok]
vyvod

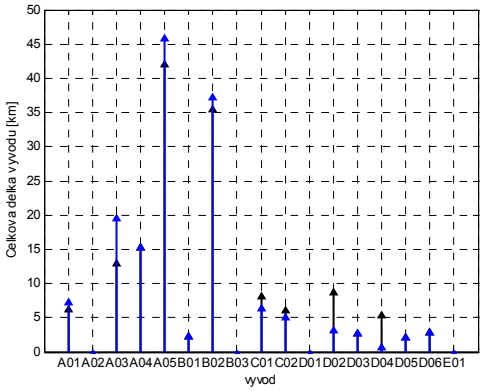

ΔP [kW]
vyvod

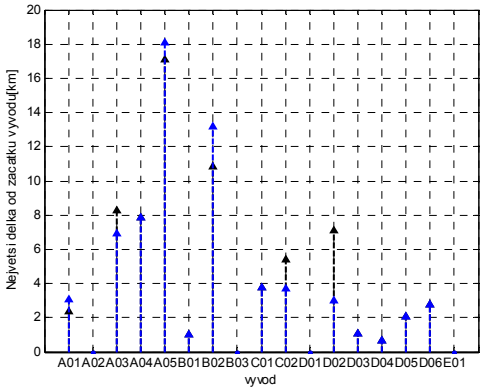

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

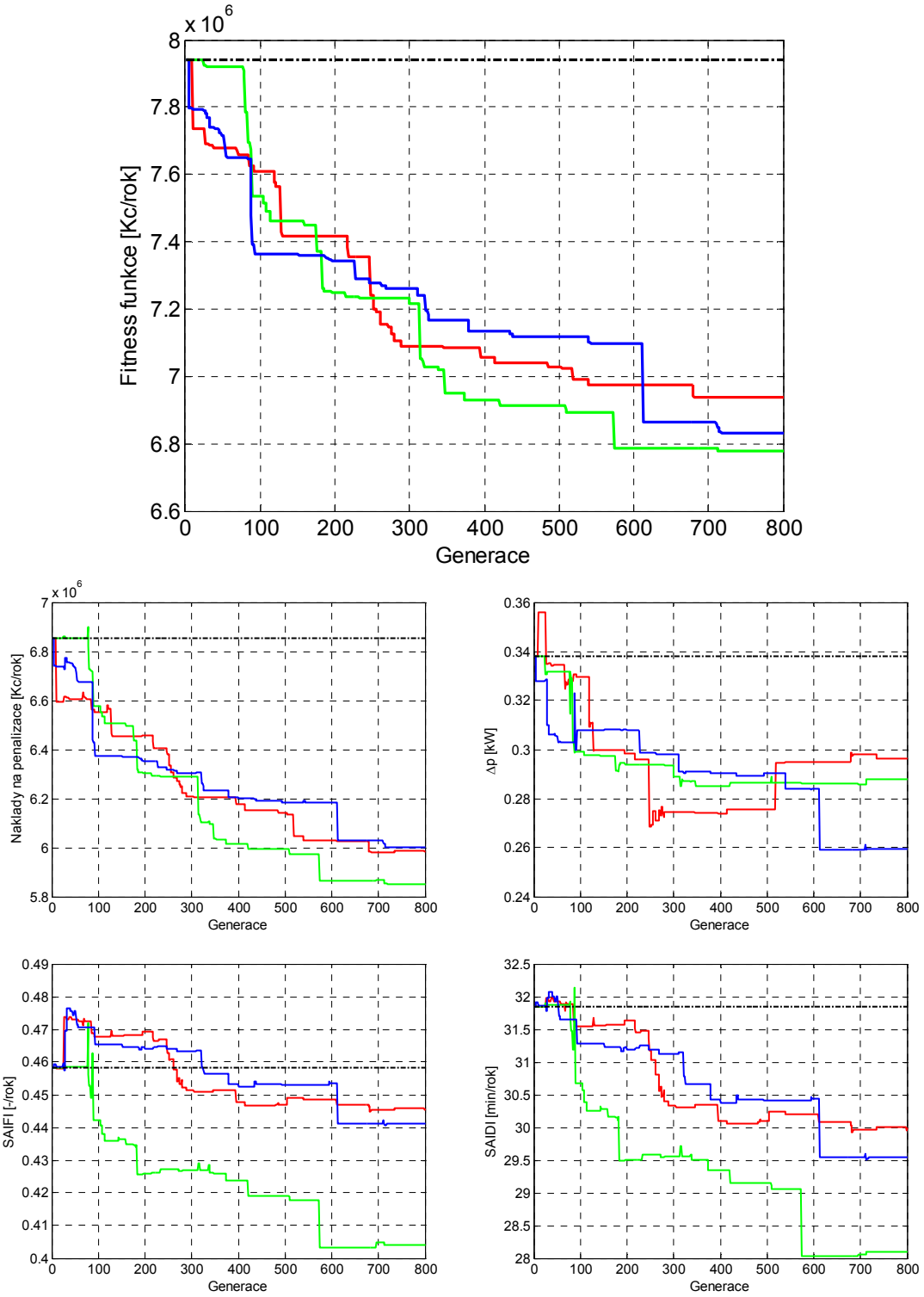

SAIFI [-/rok]
vyvod


SAIDI [min/rok]
vyvod

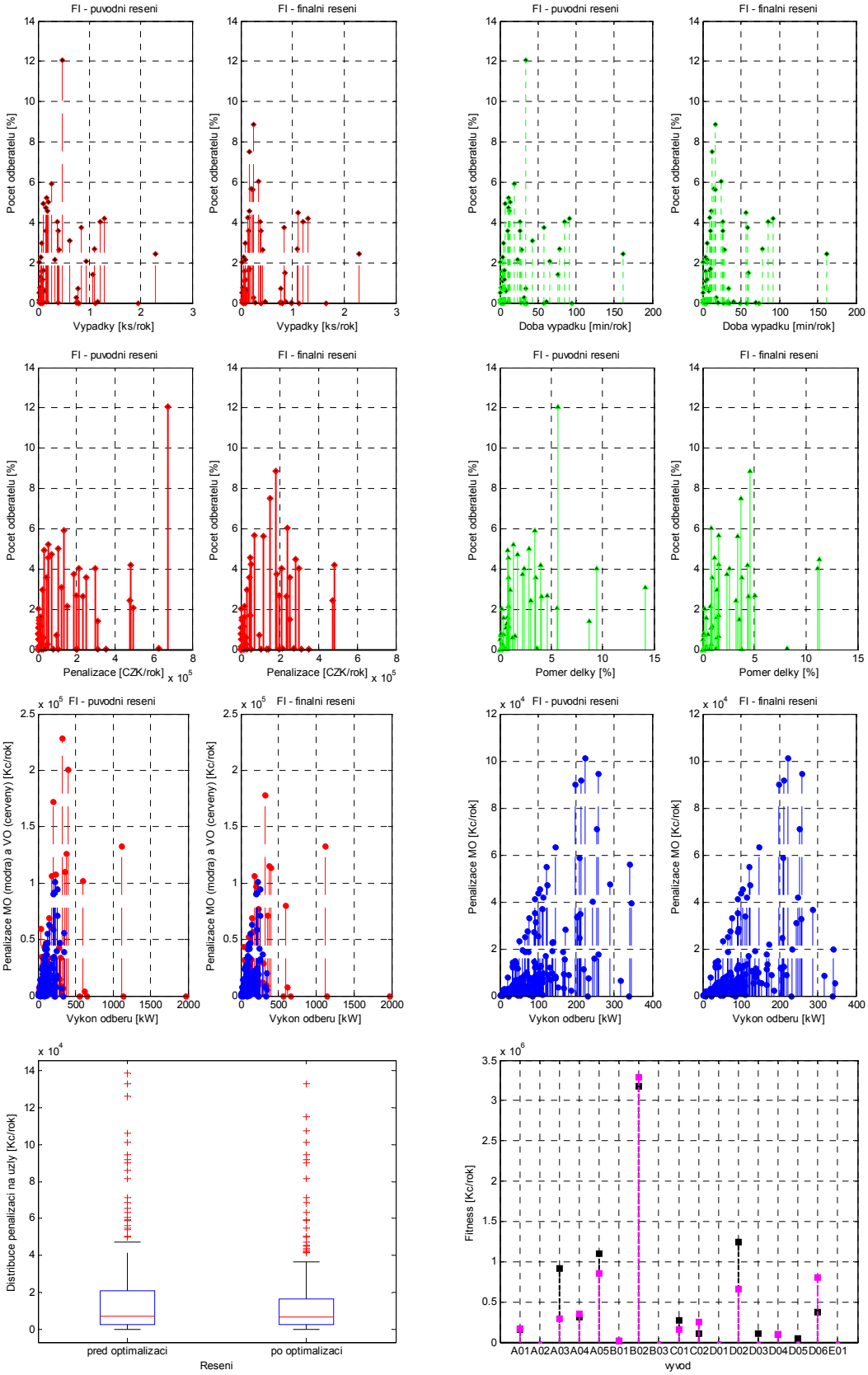

Celkova delka vyvodu [km]
vyvod

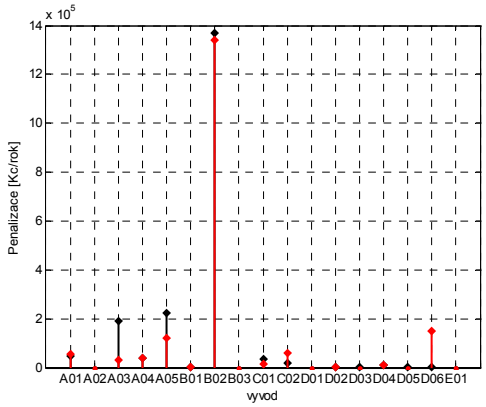

Nejvetsi delka od zacatku vyvodu[km]
vyvod

R Průběhy pro nastavení Ch02_ABC_FI_dp



Pro další analýzu je vybran 1. průběh (červený).


FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


x 10^5
Penalizace [Kc/rok]
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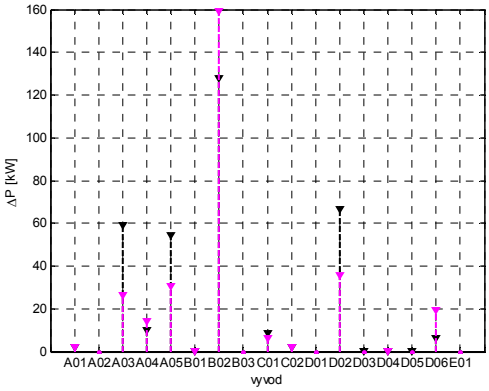
vyvod


ΔP [kW]
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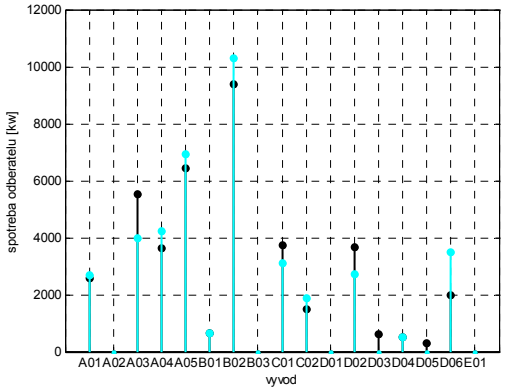
vyvod


spotreba odberatelu [kw]
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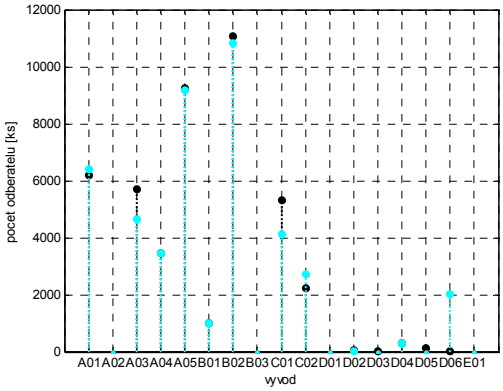
vyvod


pocet odberatelu [ks]
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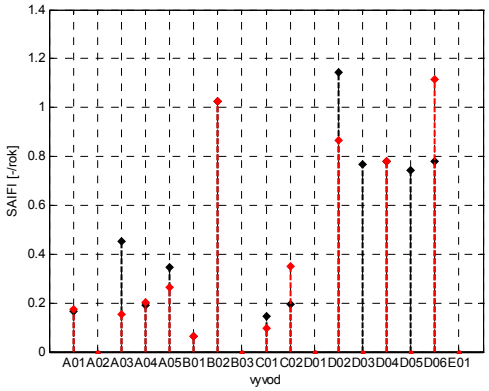
vyvod


SAIFI [-/rok]
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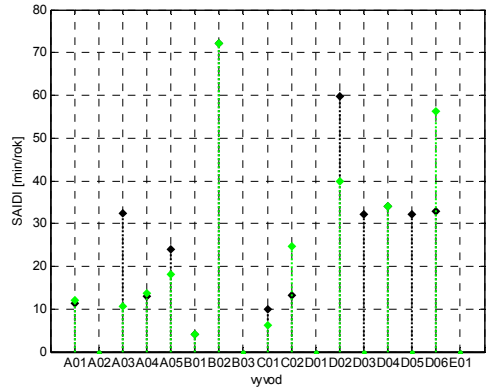
vyvod


SAIDI [min/rok]
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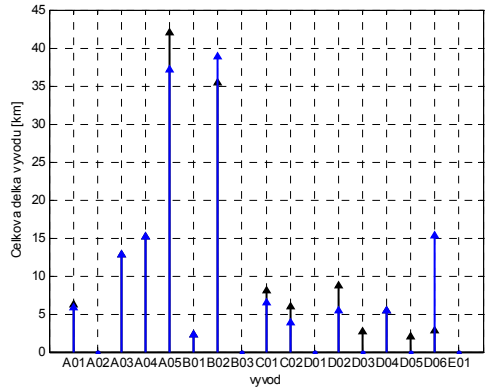
vyvod


Celkova delka vyvodu [km]
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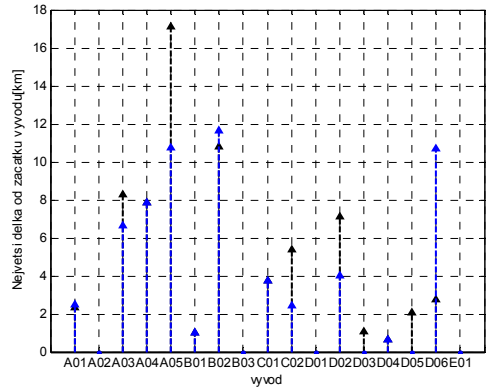
vyvod


Nejvetsi delka od zacatku vyvodu[km]
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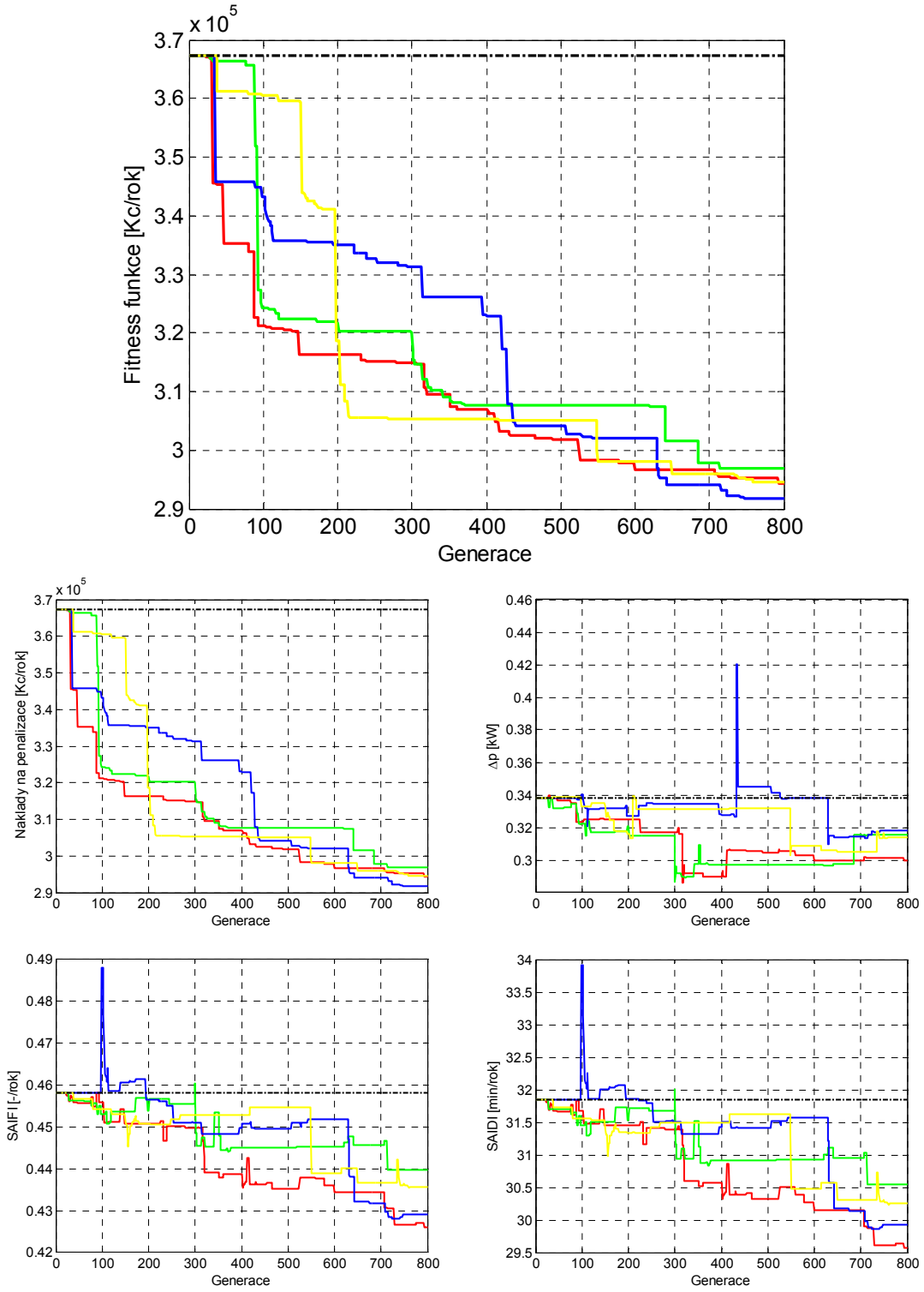
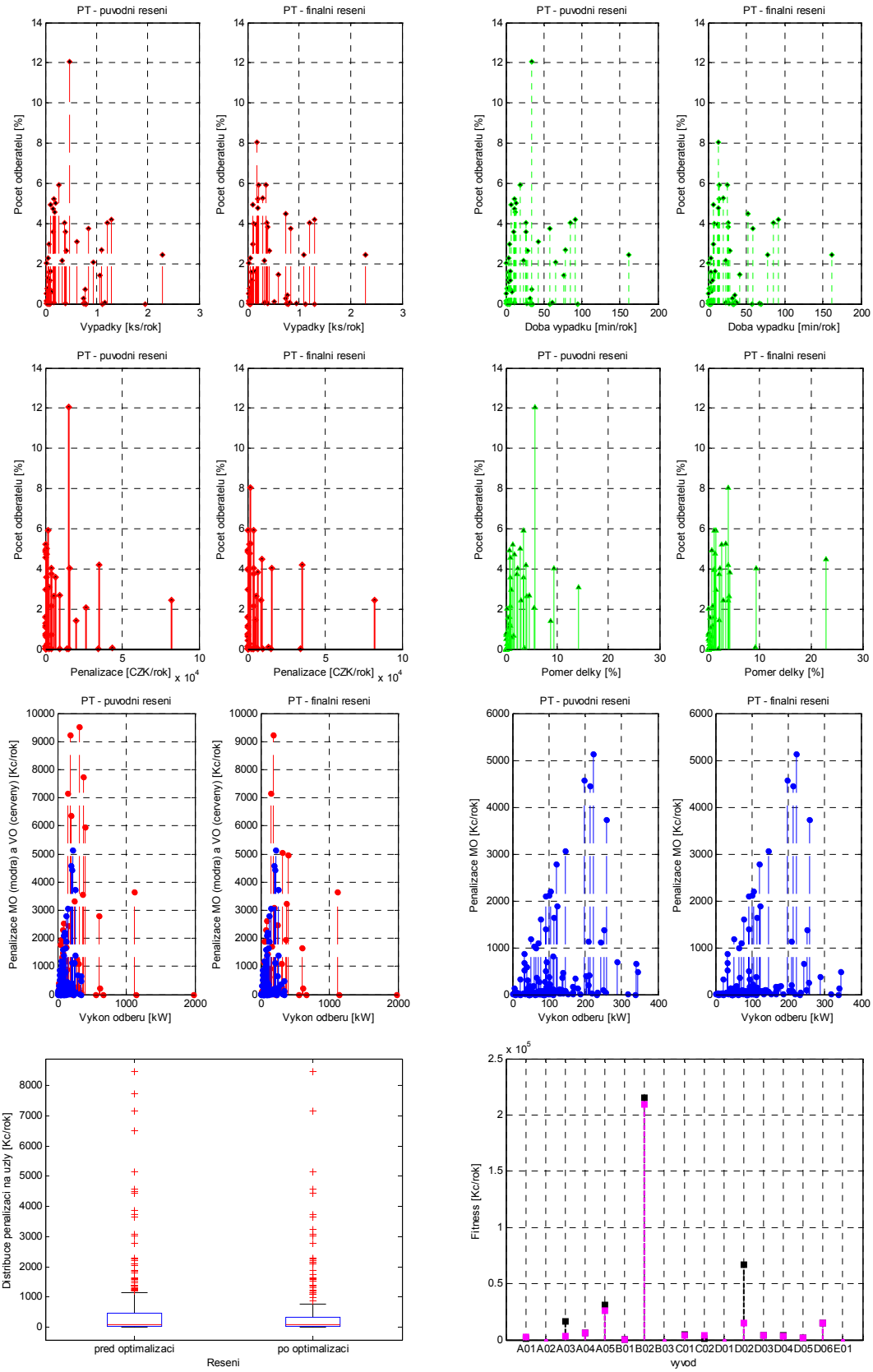
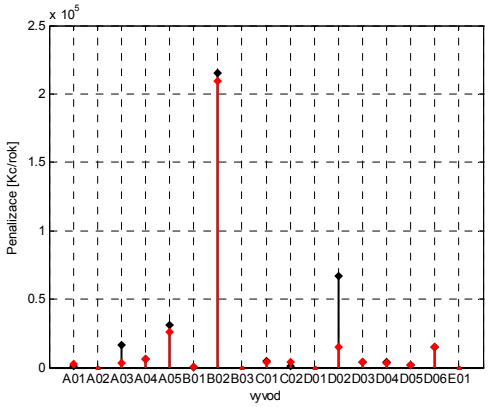
vyvod

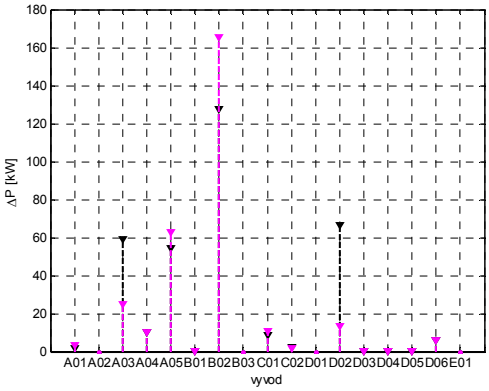
S Průběhy pro nastavení Ch02_ABC_PT

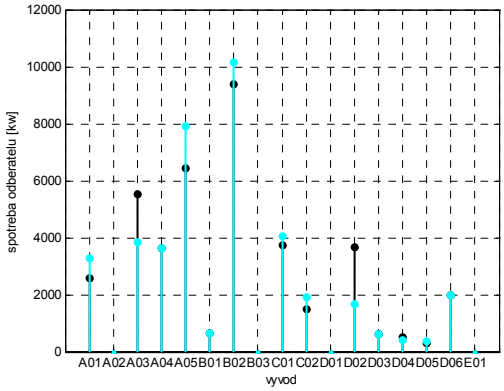


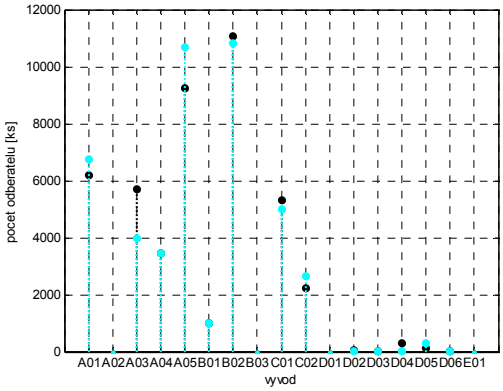
Pro další analýzu je vybran 1. průběh (červený).

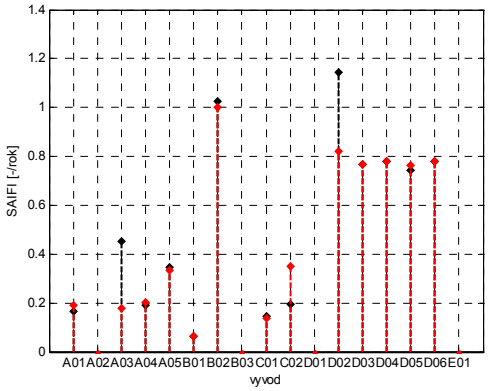

PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

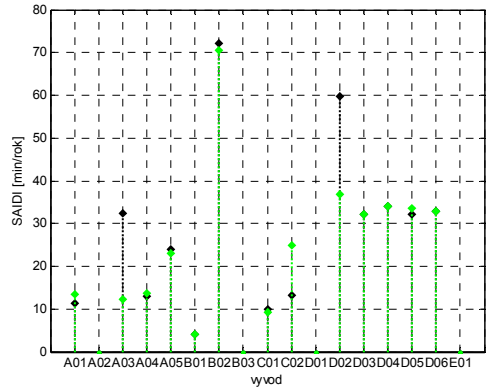

x 10^5
Penalizace [Kc/rok]
vyvod

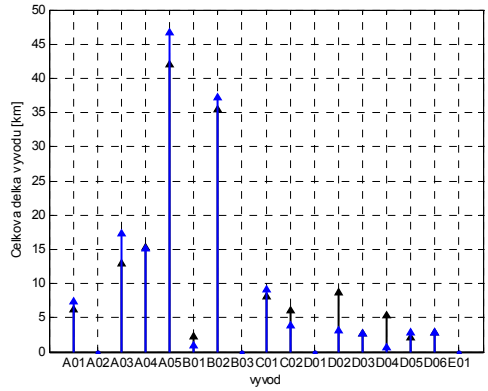

ΔP [kW]
vyvod

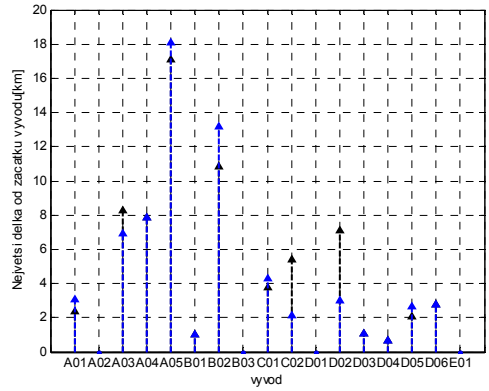

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

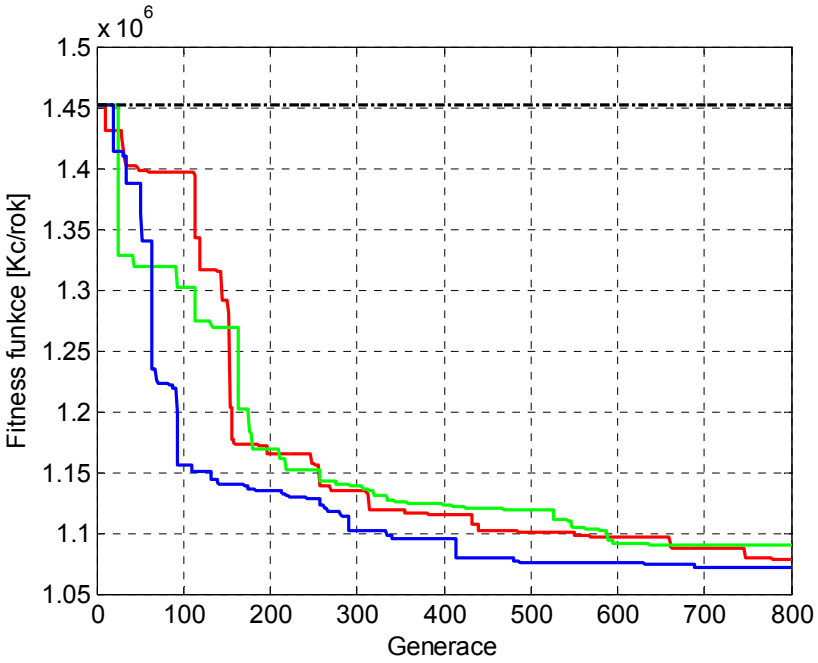

SAIFI [-/rok]
vyvod

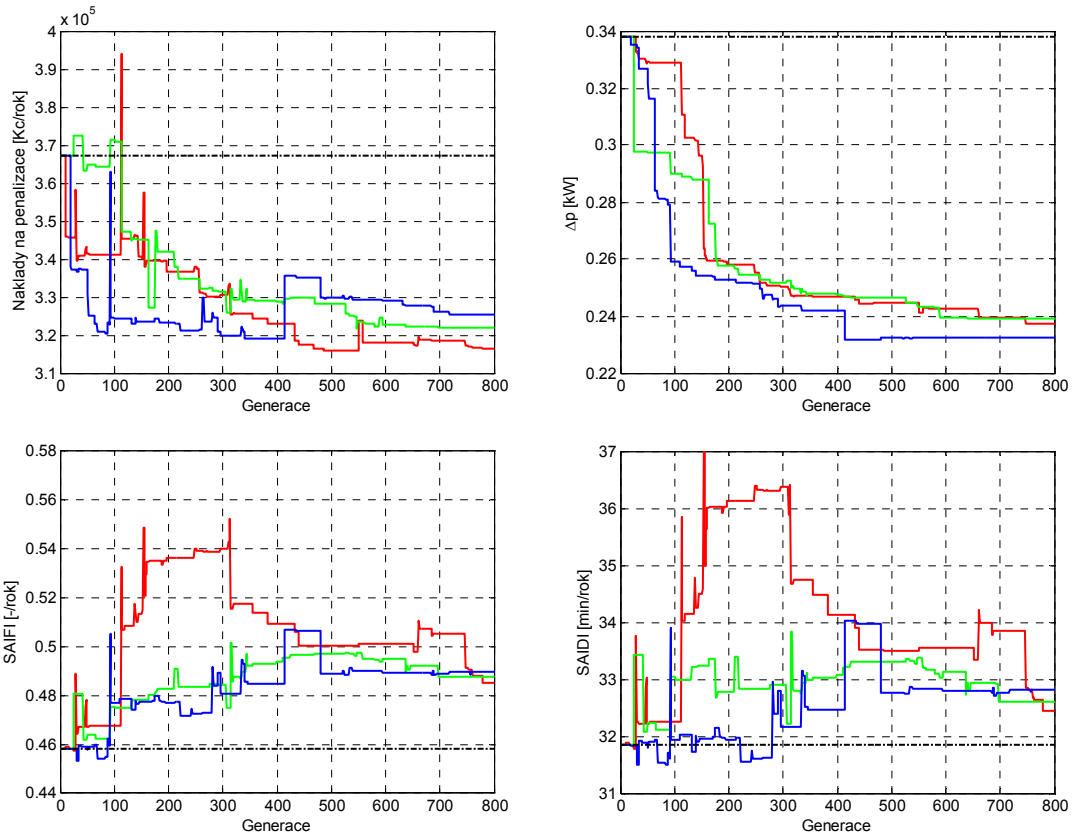

SAIDI [min/rok]
vyvod


Celkova delka vyvodu [km]
vyvod

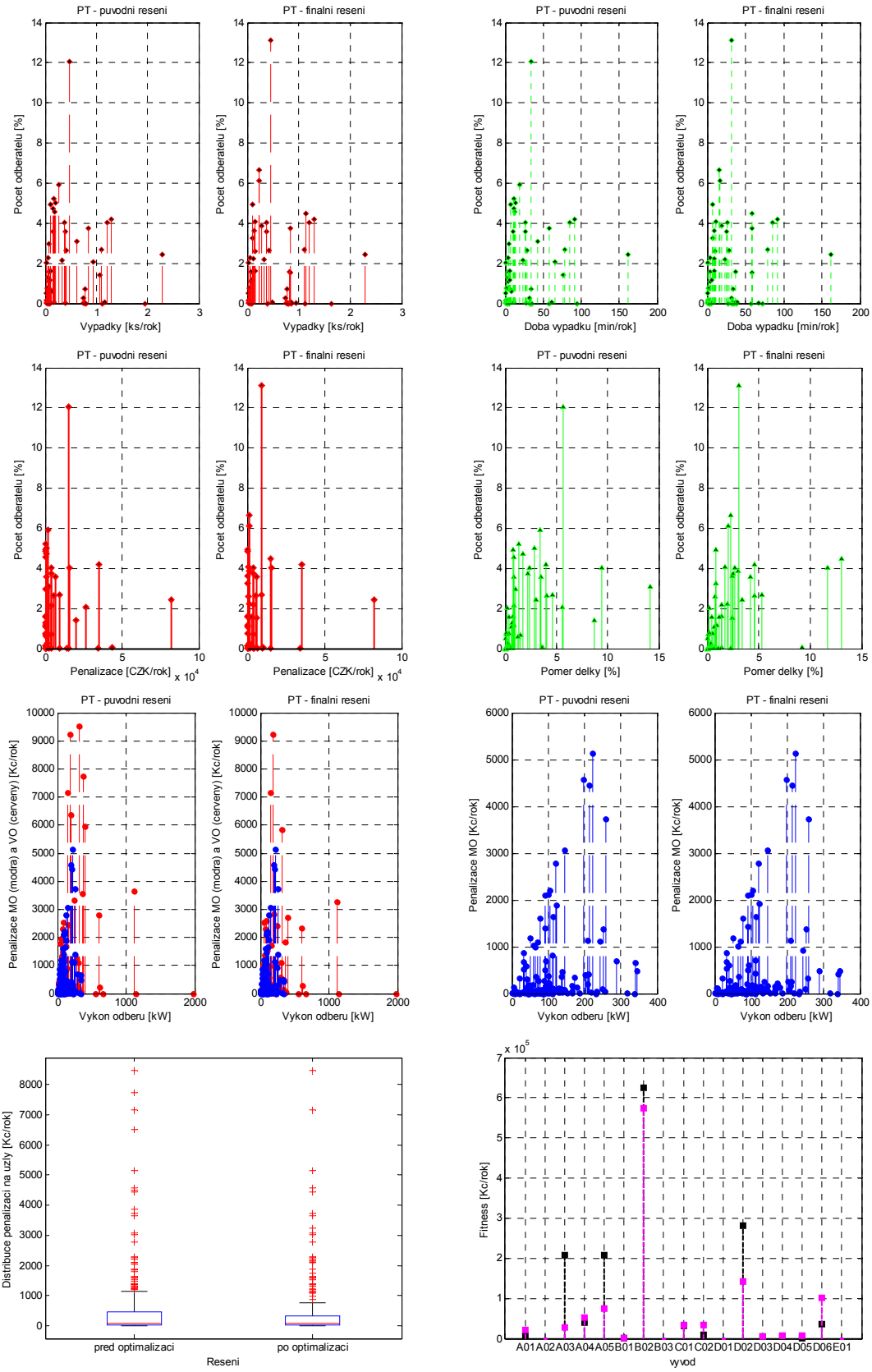

Nejvetsi delka od zacatku vyvodu[km]
vyvod

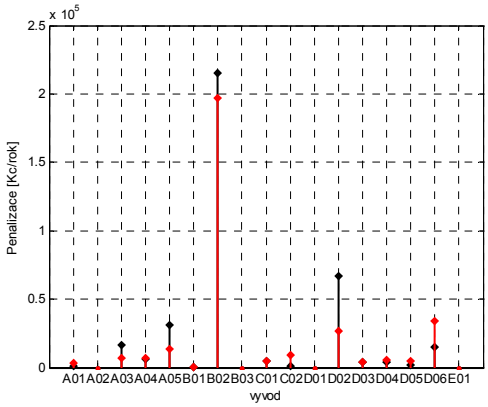
T Průběhy pro nastavení Ch02_ABC_PT_dp

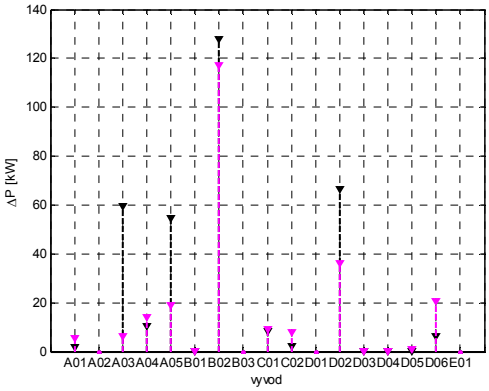


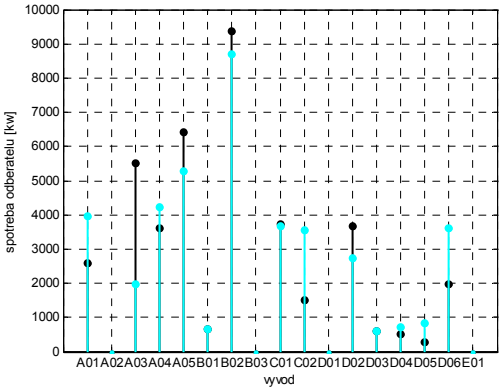


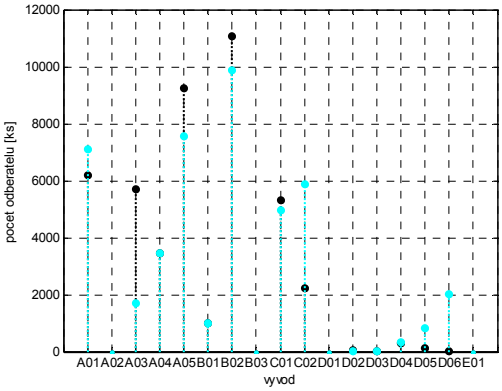
Pro další analýzu je vybran 1. průběh (červený).

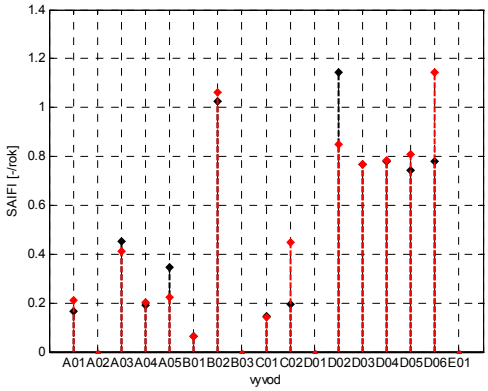

PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Penalizace MO [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

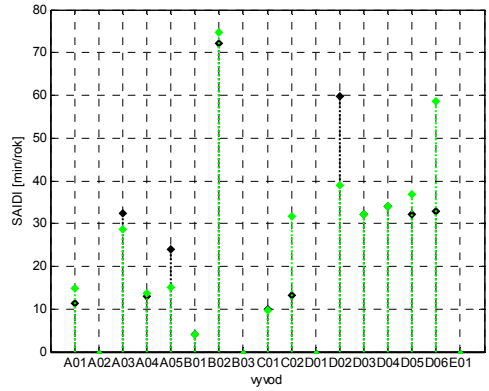

x 10^5
Penalizace [Kc/rok]
vyvod

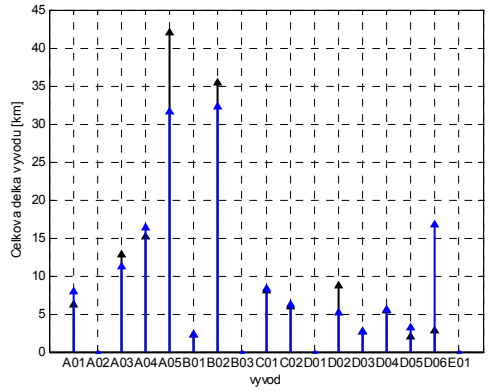

ΔP [kW]
vyvod

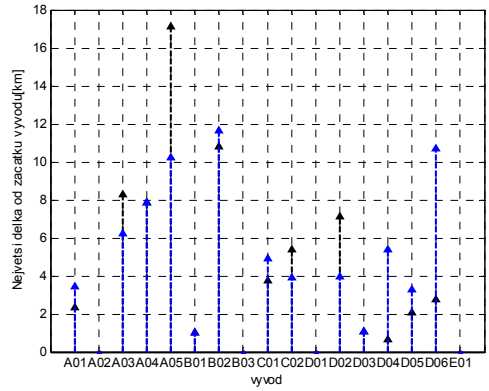

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

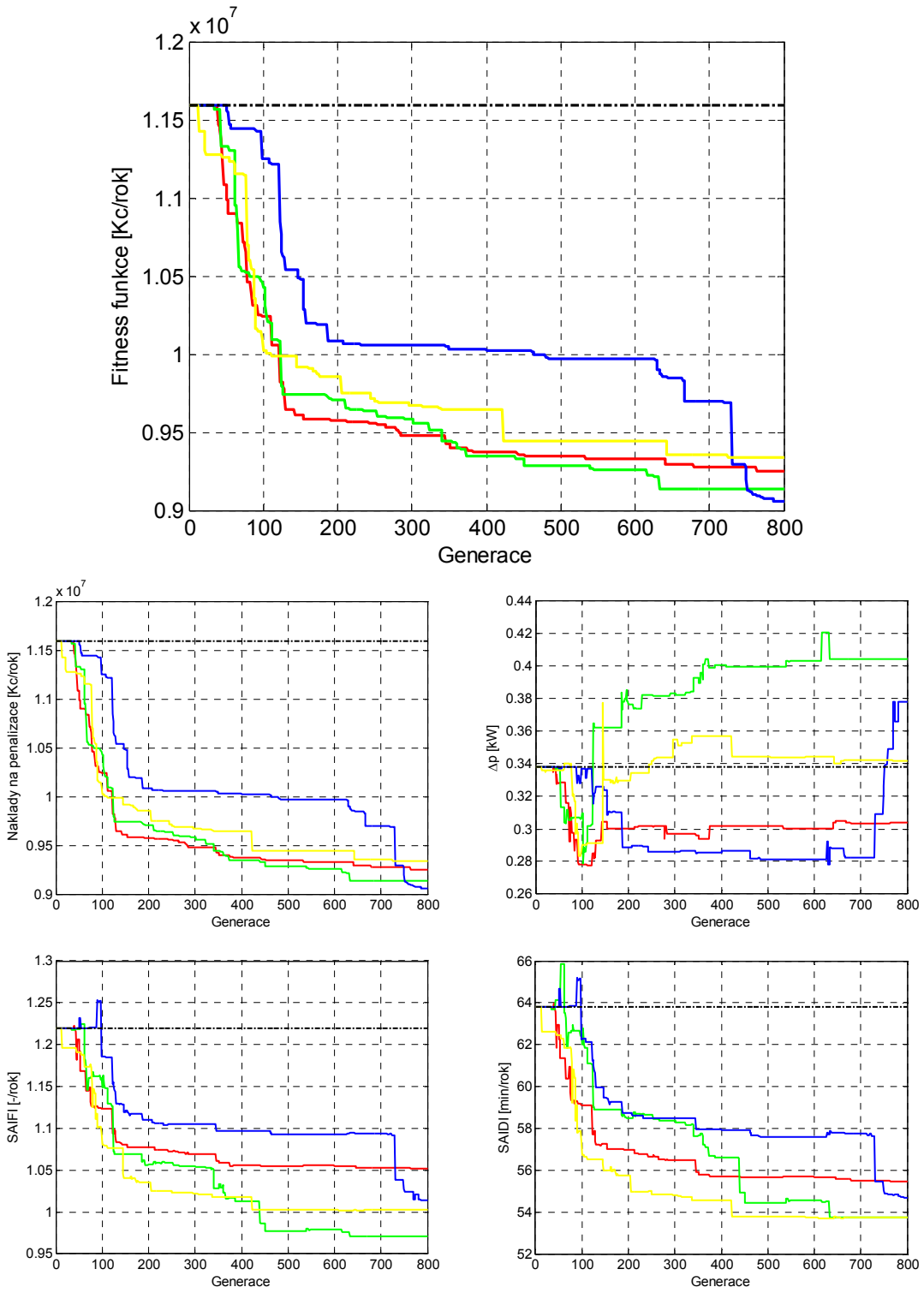

SAIFI [-/rok]
vyvod


SAIDI [min/rok]
vyvod

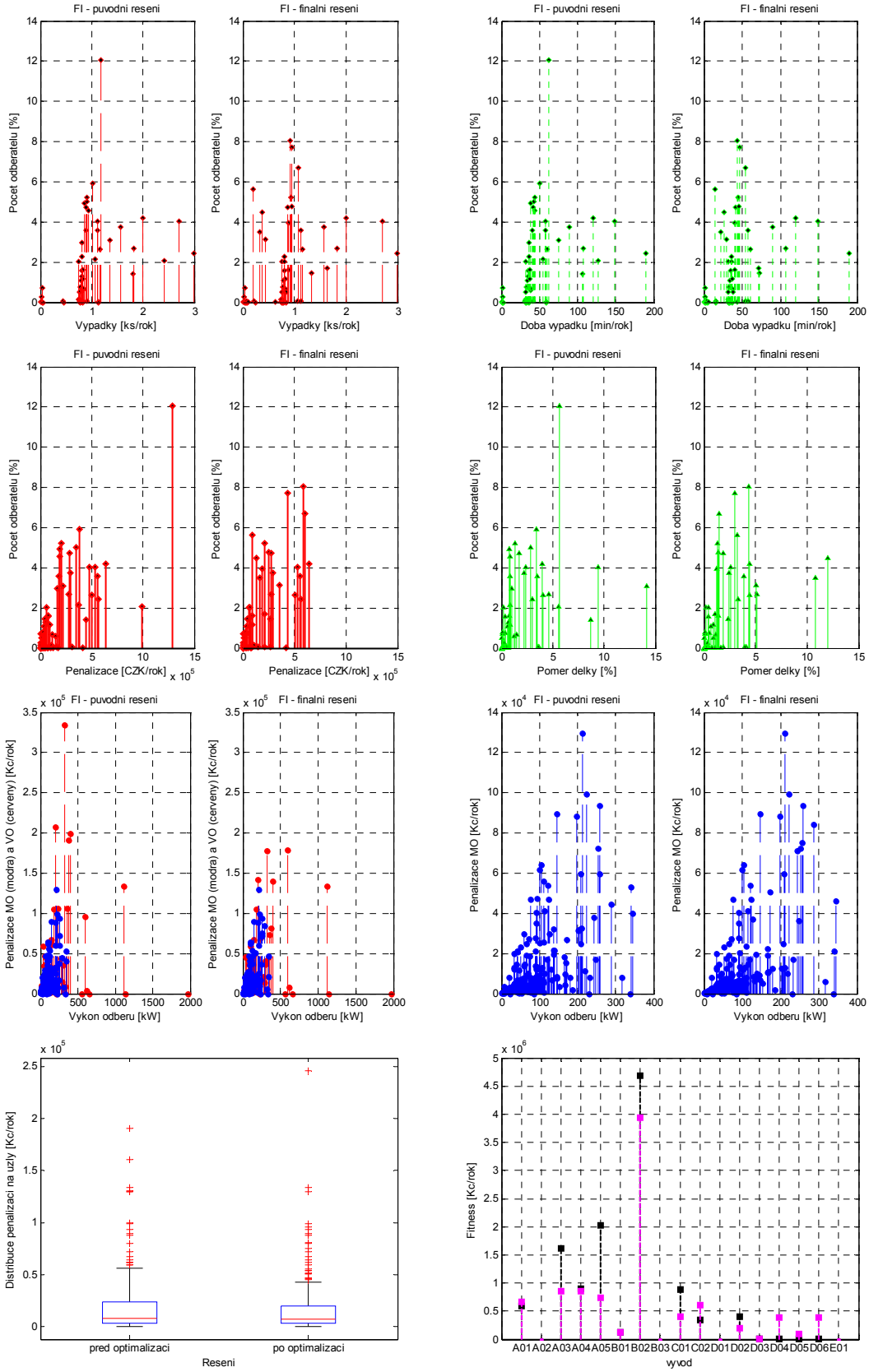

Celkova delka vyvodu [km]
vyvod

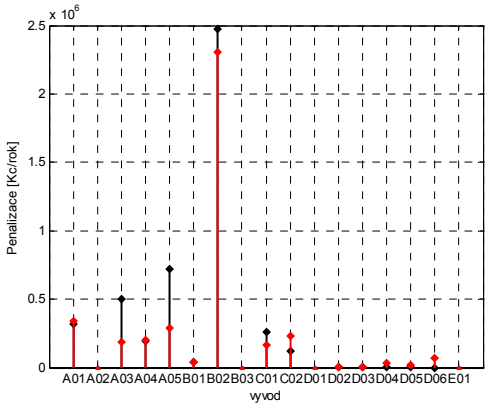

Nejvetsi delka od zacatku vyvodu[km]
vyvod

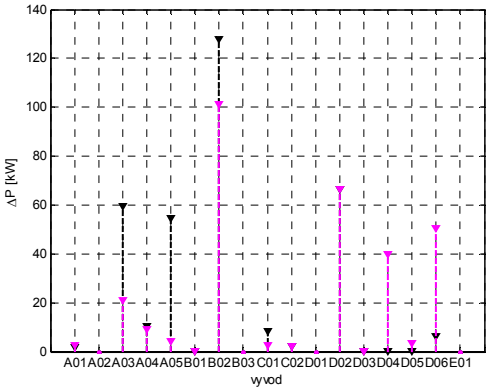
U Průběhy pro nastavení Ch02_ED_FI

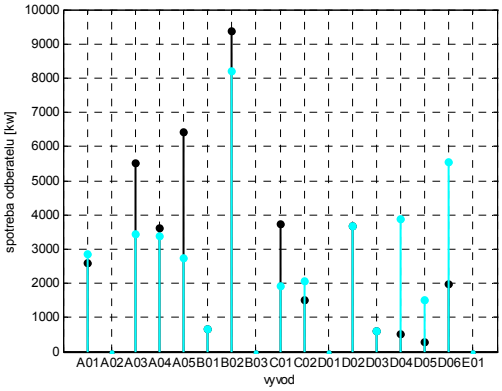


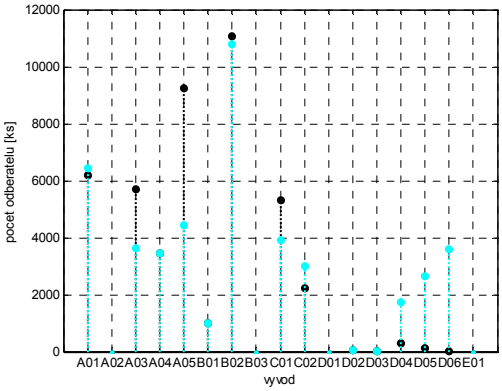
Pro další analýzu je vybran 1. průběh (červený).

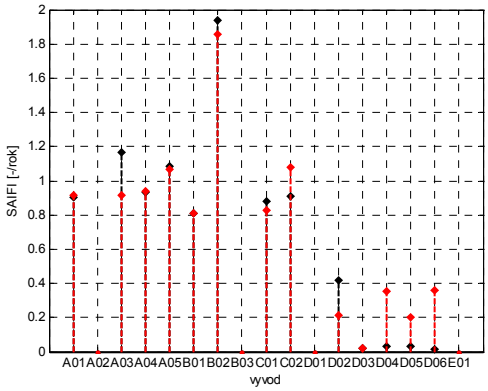

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod

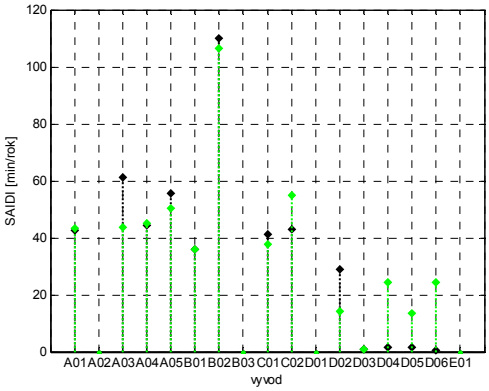

x 10^6
Penalizace [Kc/rok]
vyvod

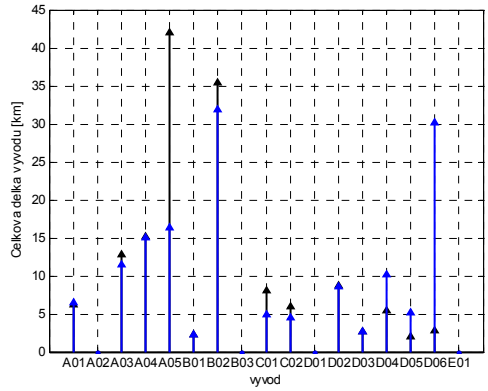

ΔP [kW]
vyvod

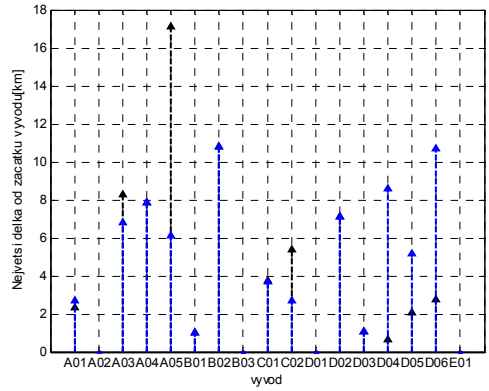

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

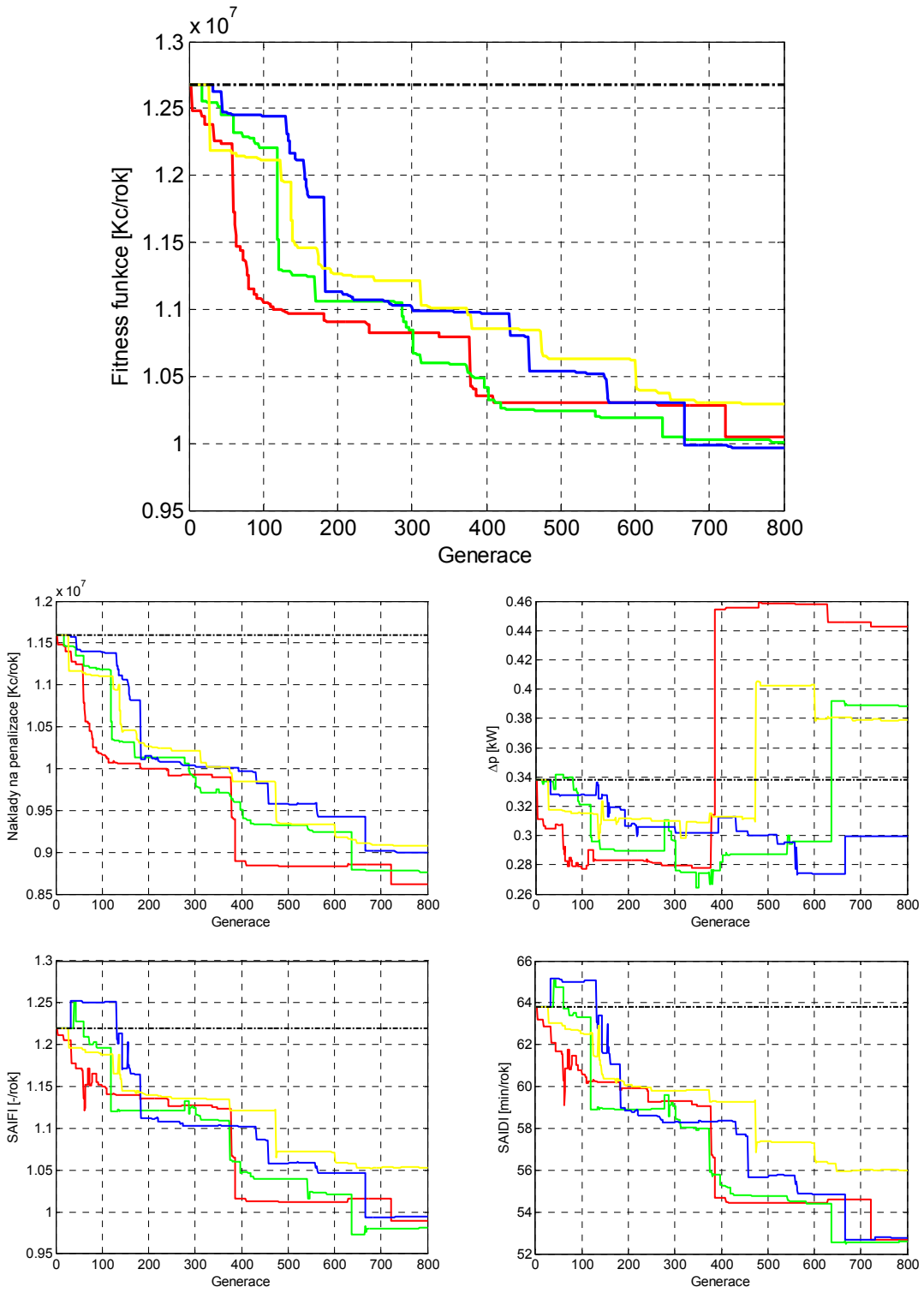

SAIFI [-/rok]
vyvod


SAIDI [min/rok]
vyvod

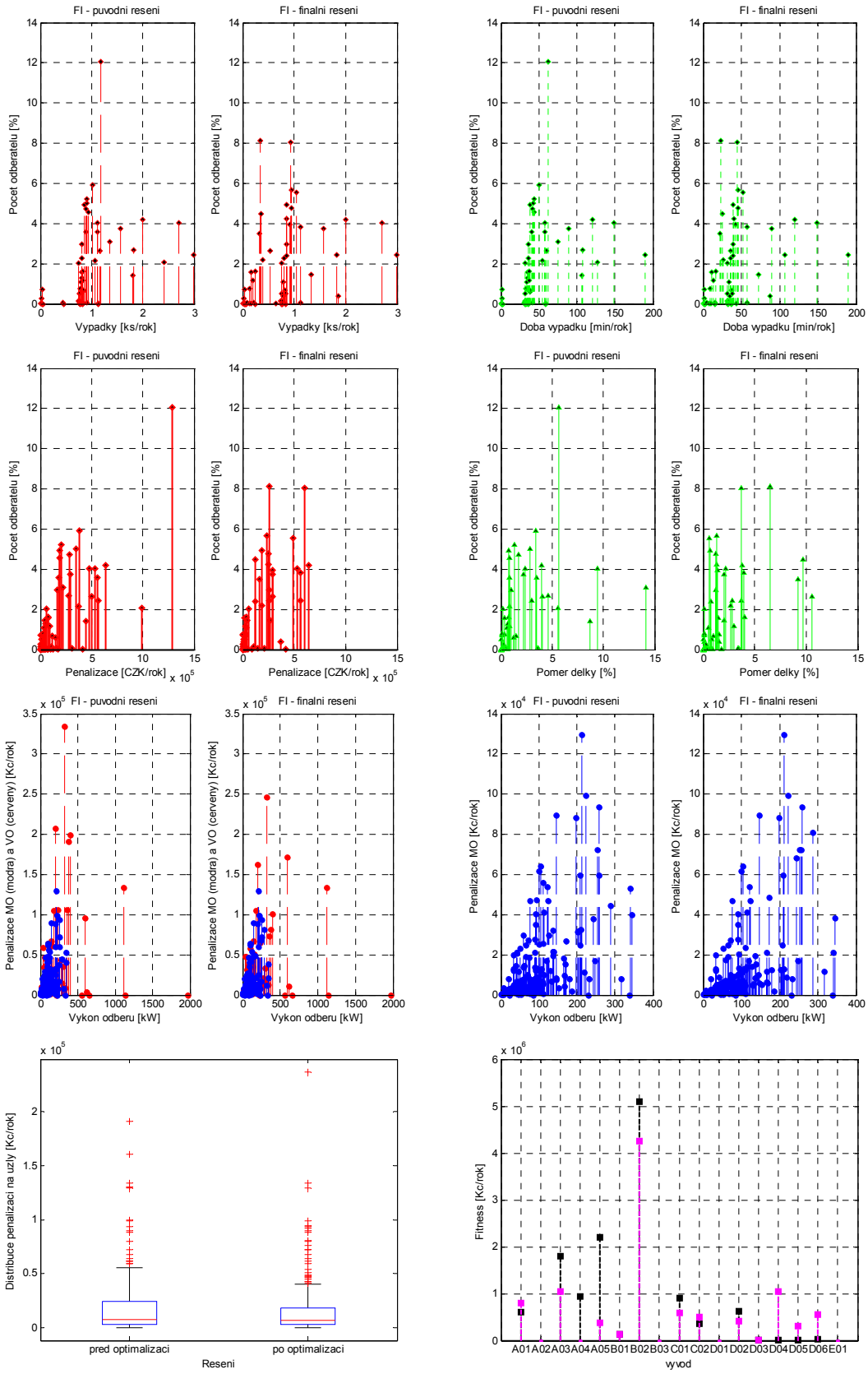

Celkova delka vyvodu [km]
vyvod

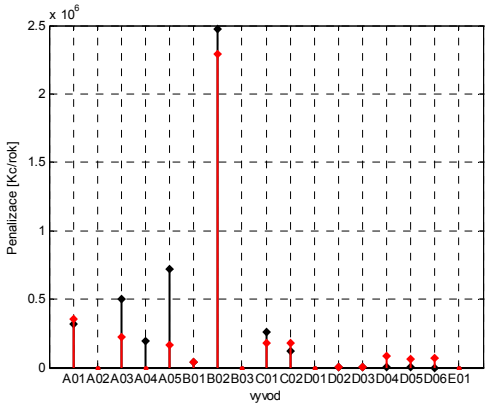

Nejvetsi delka od zacatku vyvodu[km]
vyvod

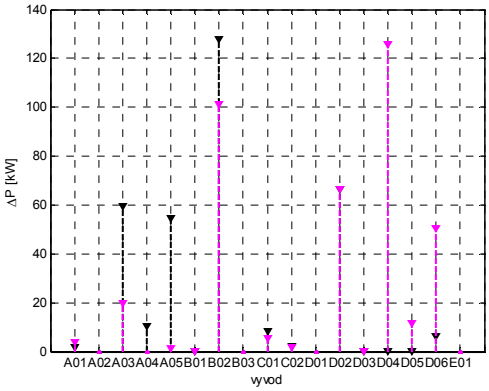
V Průběhy pro nastavení Ch02_ED_FI_dp

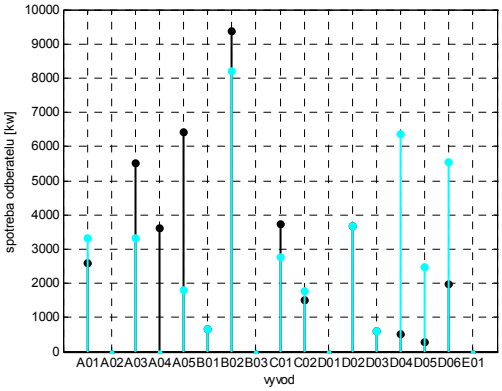


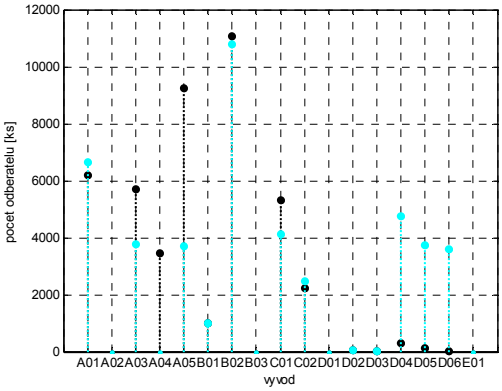
Pro další analýzu je vybran 2. průběh (zelený).

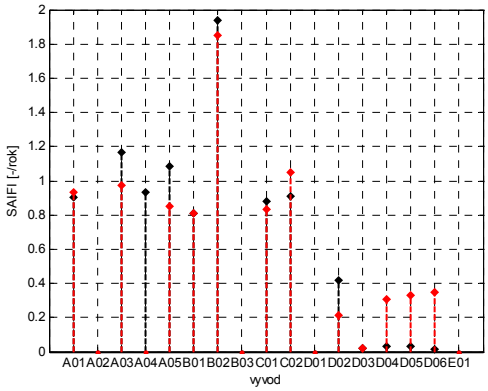

FI - puvodni reseni
FI - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^6
x 10^5
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
x 10^4
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod

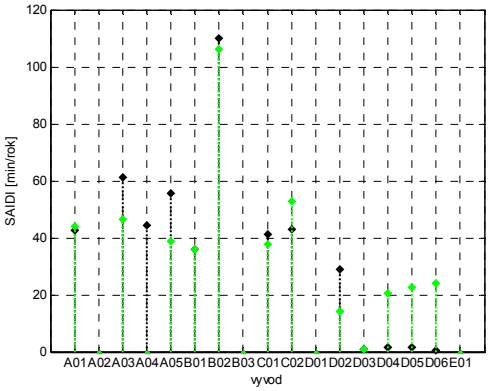

x 10^6
Penalizace [Kc/rok]
vyvod

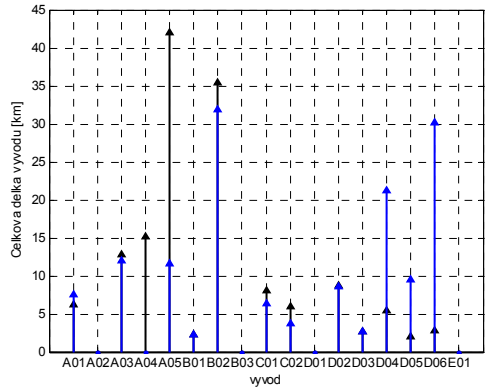

ΔP [kW]
vyvod

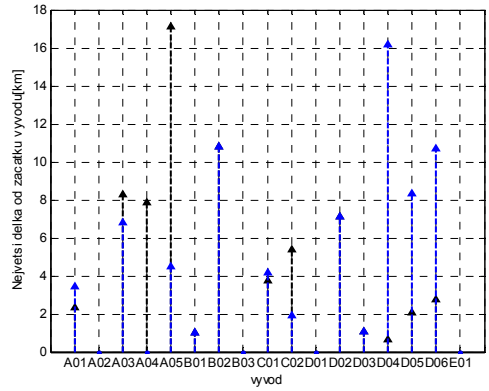

spotreba odberatelu [kw]
vyvod


pocet odberatelu [ks]
vyvod

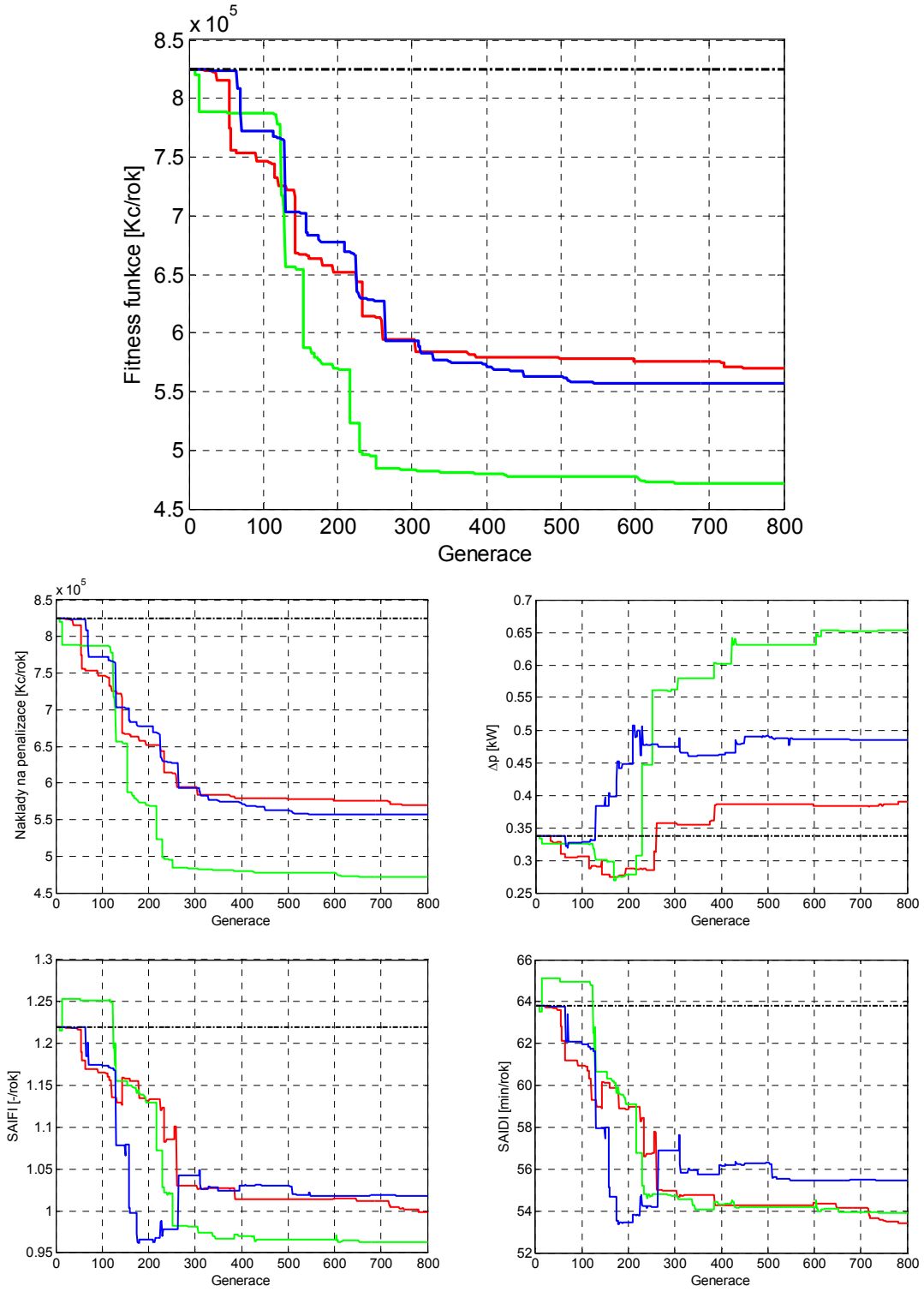

SAIFI [-/rok]
vyvod


SAIDI [min/rok]
vyvod

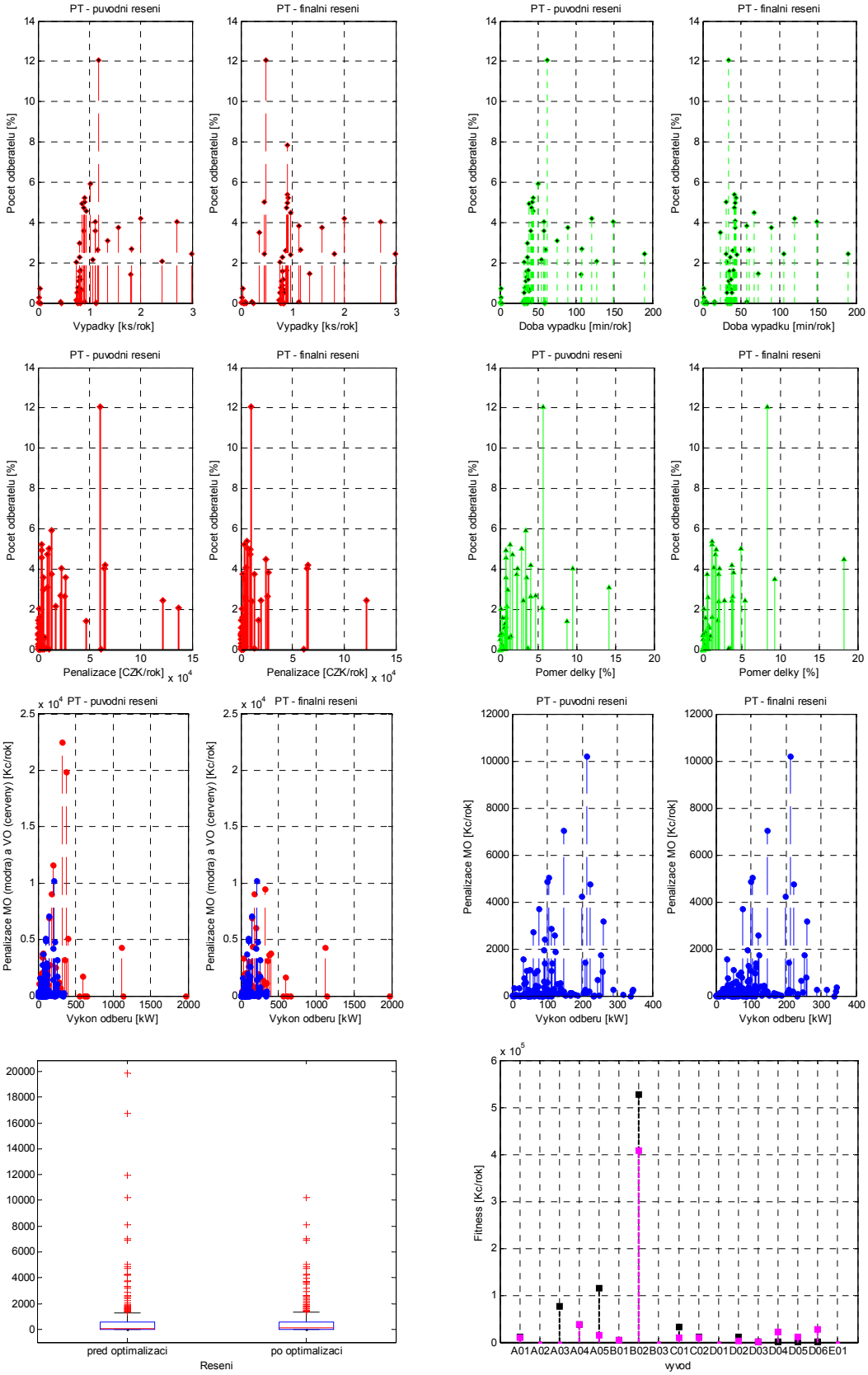

Celkova delka vyvodu [km]
vyvod

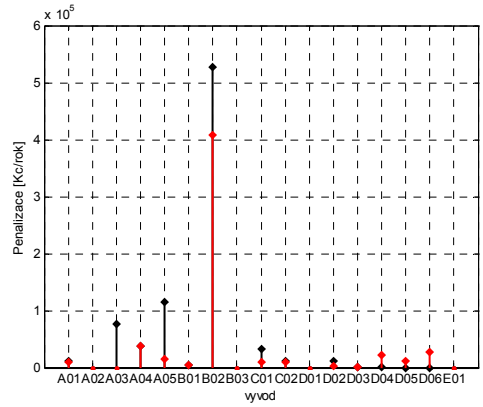

Nejvetsi delka od zacatku vyvodu[km]
vyvod

W Průběhy pro nastavení Ch02_ED_PT



Pro další analýzu je vybran 3. průběh (modrý).


PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Penalizace MO [Kc/rok]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
x 10^5
Fitness [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


x 10^5
Penalizace [Kc/rok]
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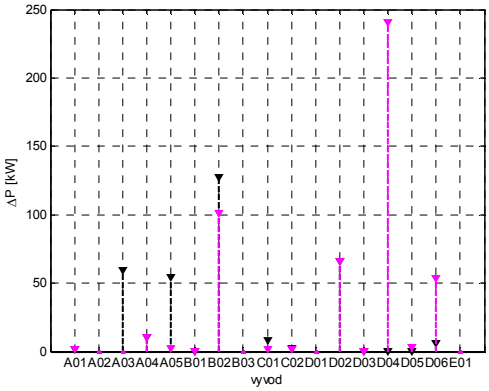
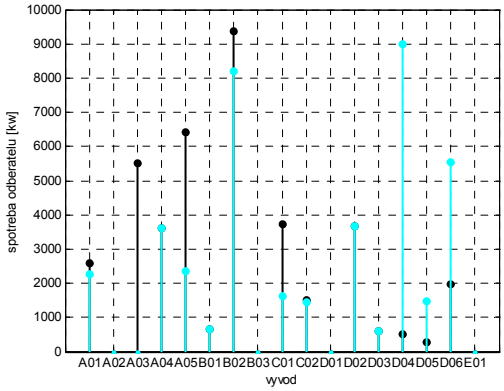
vyvod


ΔP [kW]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


spotreba odberatelu [kw]
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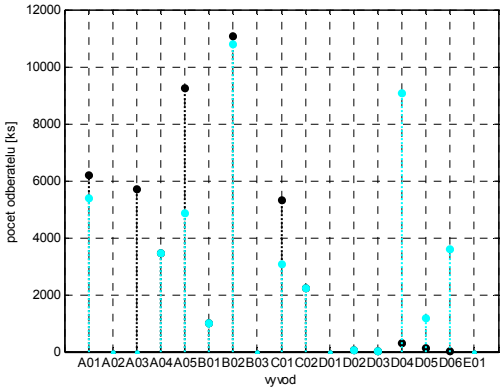
vyvod


pocet odberatelu [ks]
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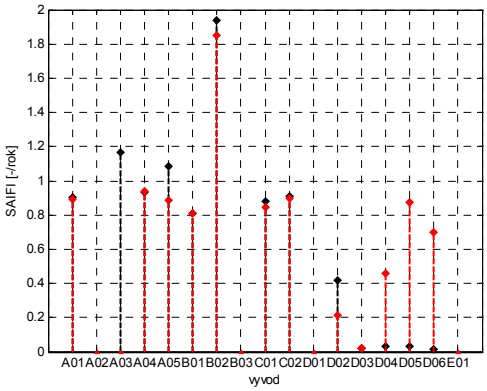
vyvod


SAIFI [-/rok]
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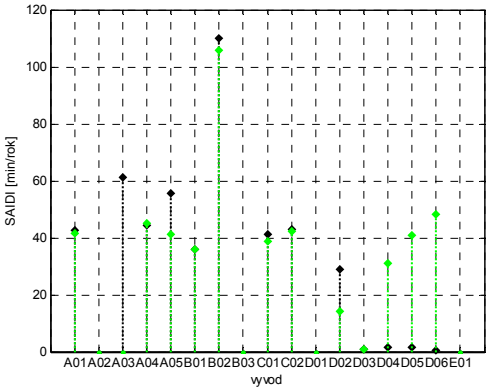
vyvod


SAIDI [min/rok]
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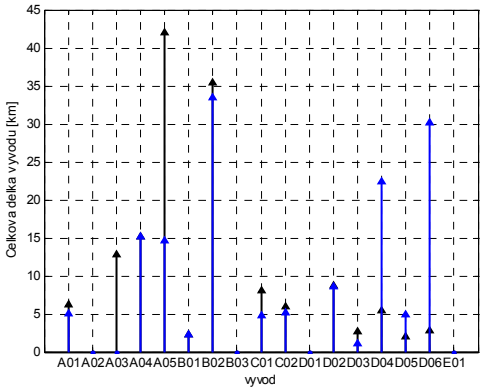
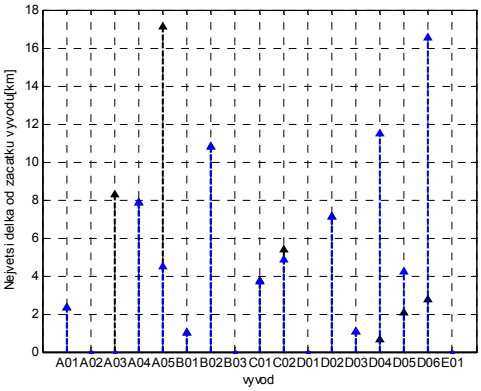
vyvod


Celkova delka vyvodu [km]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


Nejvetsi delka od zacatku vyvodu[km]
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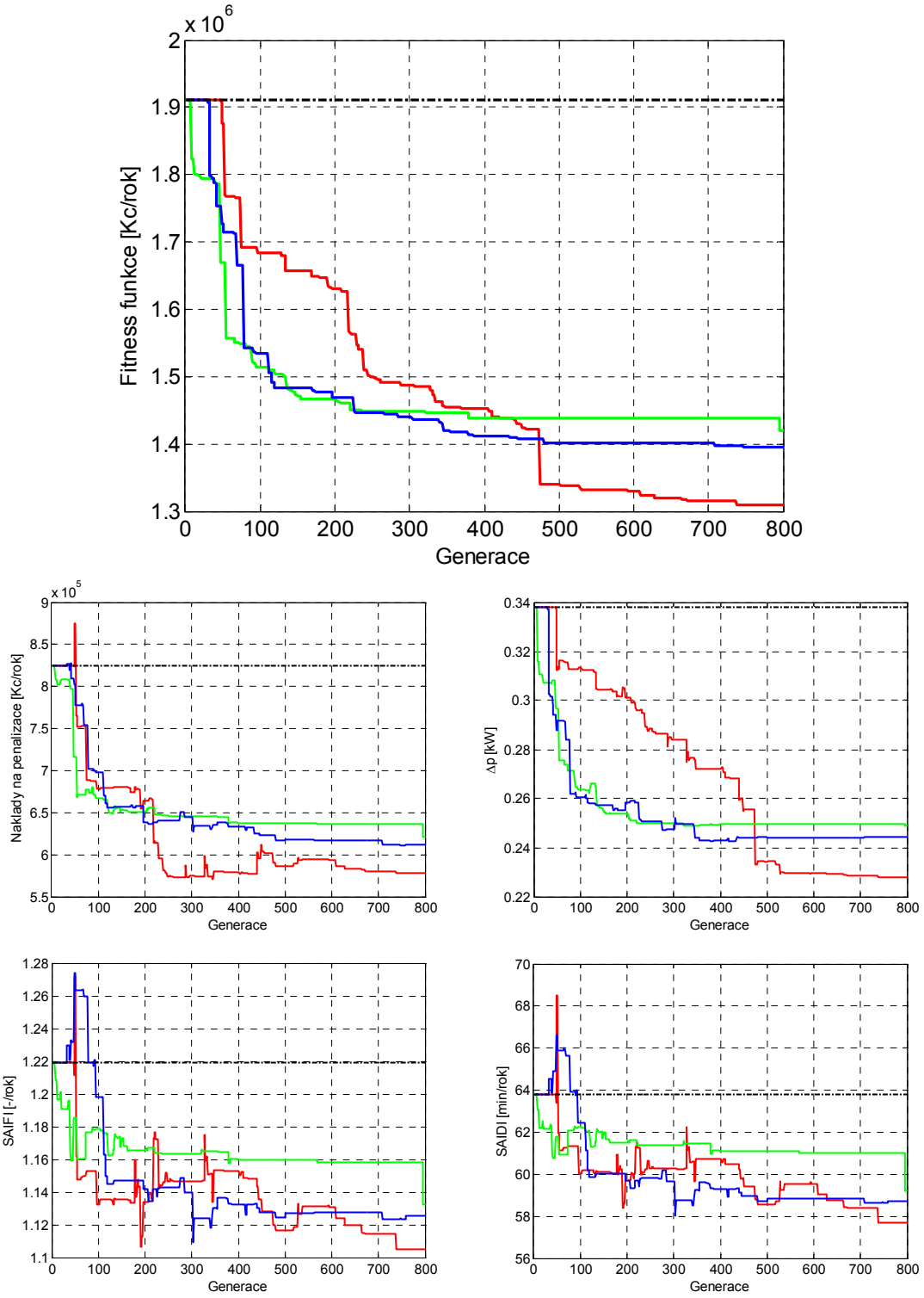
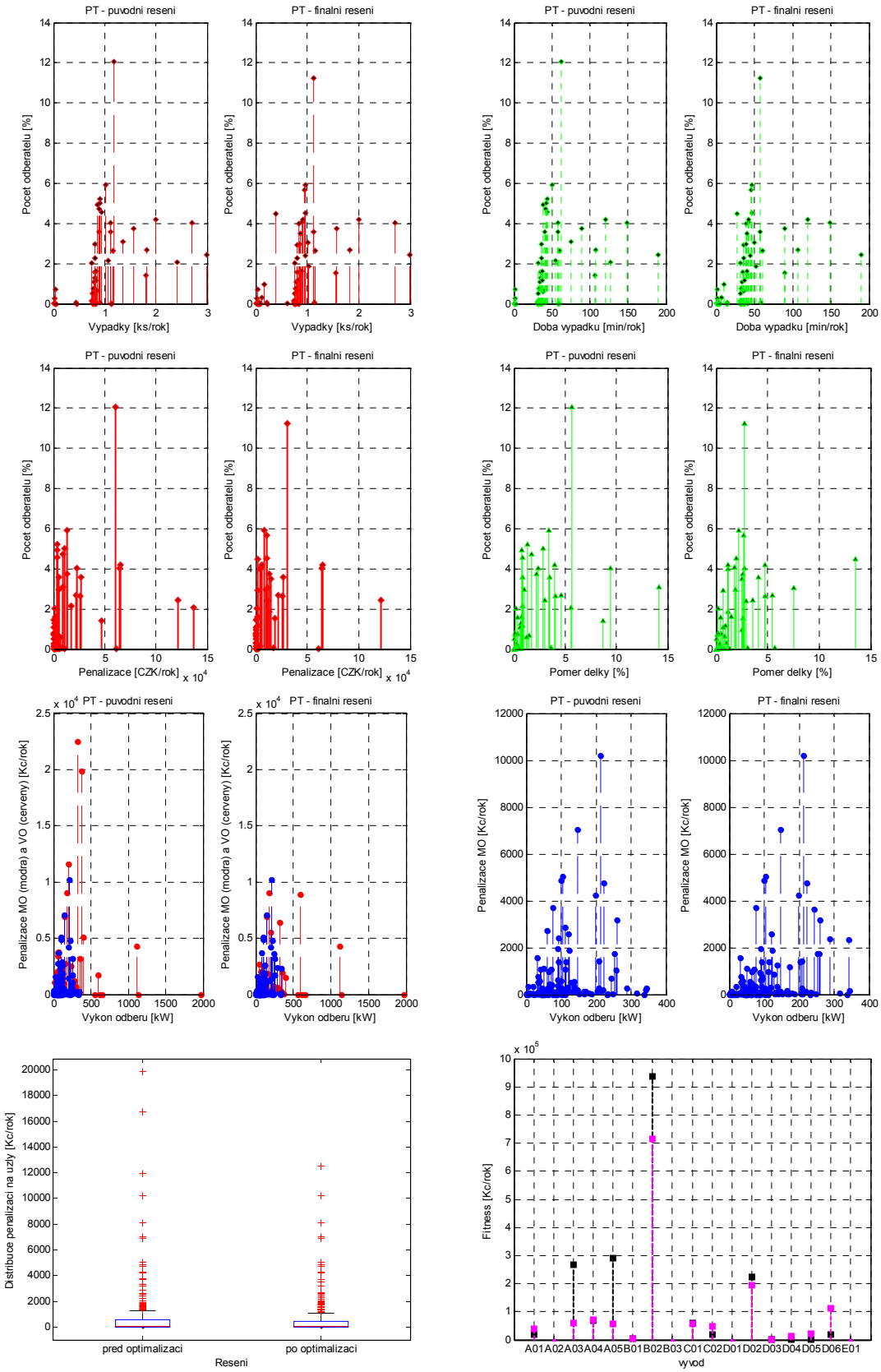
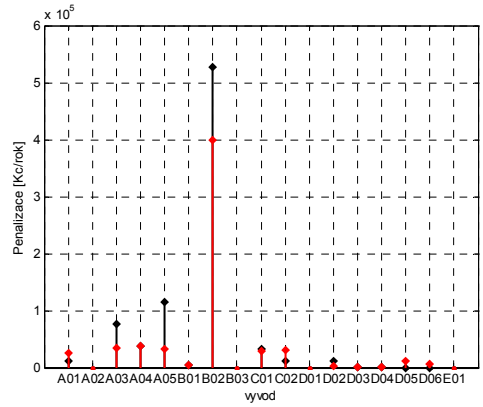
vyvod

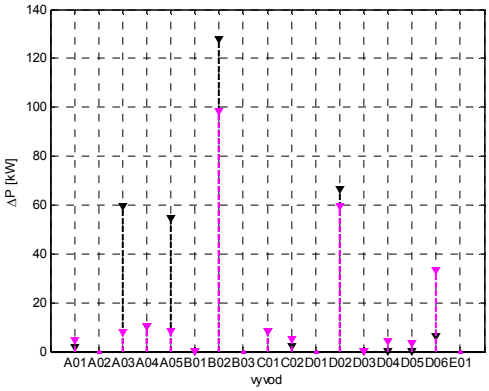
X Průběhy pro nastavení Ch02_ED_PT_dp

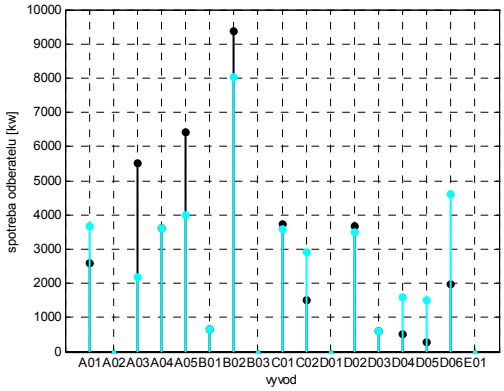


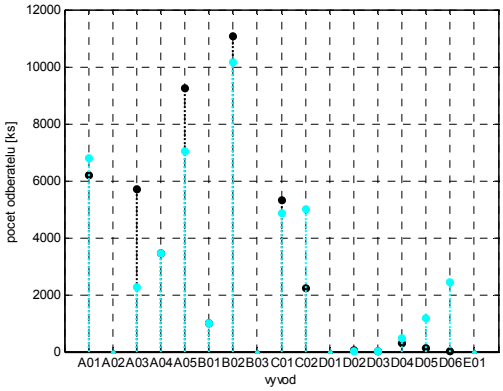
Pro další analýzu je vybran 3. průběh (modrý).


PT - puvodni reseni
PT - finalni reseni
Pocet odberatelu [%]
Vypadky [ks/rok]
Doba vypadku [min/rok]
Doba wypadku [min/rok]
Penalizace [CZK/rok]
x 10^4
Pomer delky [%]
Penalizace MO (modra) a VO (cerveny) [Kc/rok]
Vykon odberu [kW]
Distribuce penalizaci na uzly [Kc/rok]
pred optimalizaci
po optimalizaci
Reseni
Fitness [Kc/rok]
x 10^5
A01 A02 A03 A04 A05 B01 B02 B03 C01 C02 D01 D02 D03 D04 D05 D06 E01
vyvod


x 10^5
Penalizace [Kc/rok]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


ΔP [kW]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


spotreba odberatelu [kw]
A01A02A03A04A05B01B02B03C01C02D01D02D03D04D05D06E01
vyvod


pocet odberatelu [ks]
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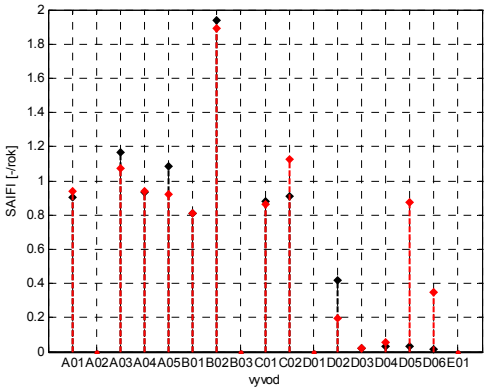
vyvod


SAIFI [-/rok]
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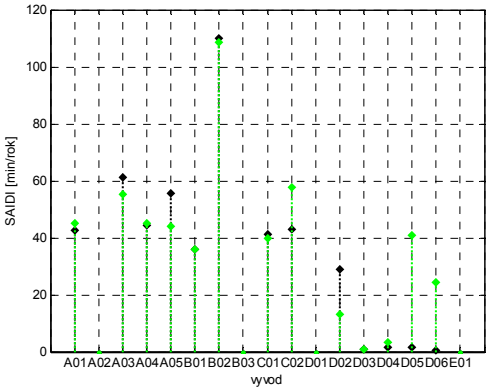
vyvod


SAIDI [min/rok]
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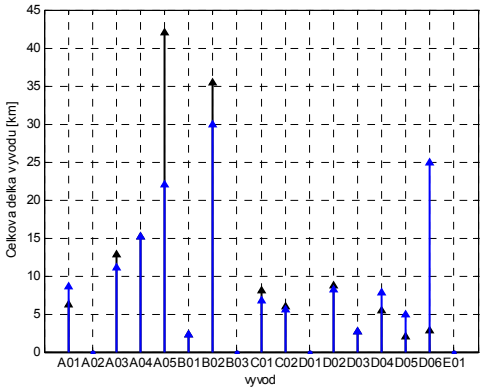
vyvod


Celkova delka vyvodu [km]
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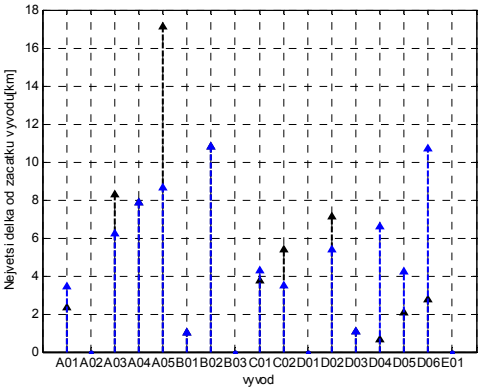
vyvod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vyvod

Cirriculum Vitae

Jméno: Ing. Martin PAAR

Narozen: 10. října 1980 v Brně

Kontakt: paar@feec.vutbr.cz

Vzdělání:

1995 – 1999	SOU elektrotechnická Brno, Obřanská 7, maturitní obor mechanik silnoproudých zařízení
1999 – 2000	VUT v Brně, Fakulta stavební, Brno, magisterské studium
2000 – 2005	VUT v Brně, Fakulta elektrotechniky a informatiky, Brno, magisterské studium – obor Silnoproudá elektrotechnika Státní zkouška a obhajoba diplomové práce „Využití genetických algoritmů při řešení elektrických sítí“ vykonány v roce 2005
2005 – 2009	VUT v Brně, Fakulta elektrotechniky a komunikačních technologií, Ústav elektroenergetiky, Brno, doktorské studium – obor Silnoproudá elektrotechnika a elektroenergetika Státní doktorská zkouška vykonána v červnu 2007

Odborná praxe:

7/2004 – 6/2005	ABB s.r.o. – Tvorba technické dokumentace pro vývojové projekty transformátorů, senzorů a rozvaděčů
10/2007 – 3/2008	EGÚ Brno, a.s., Sekce elektrických sítí – analytické a výpočtové práce v oblasti distribučních sítí a jejich spolehlivosti

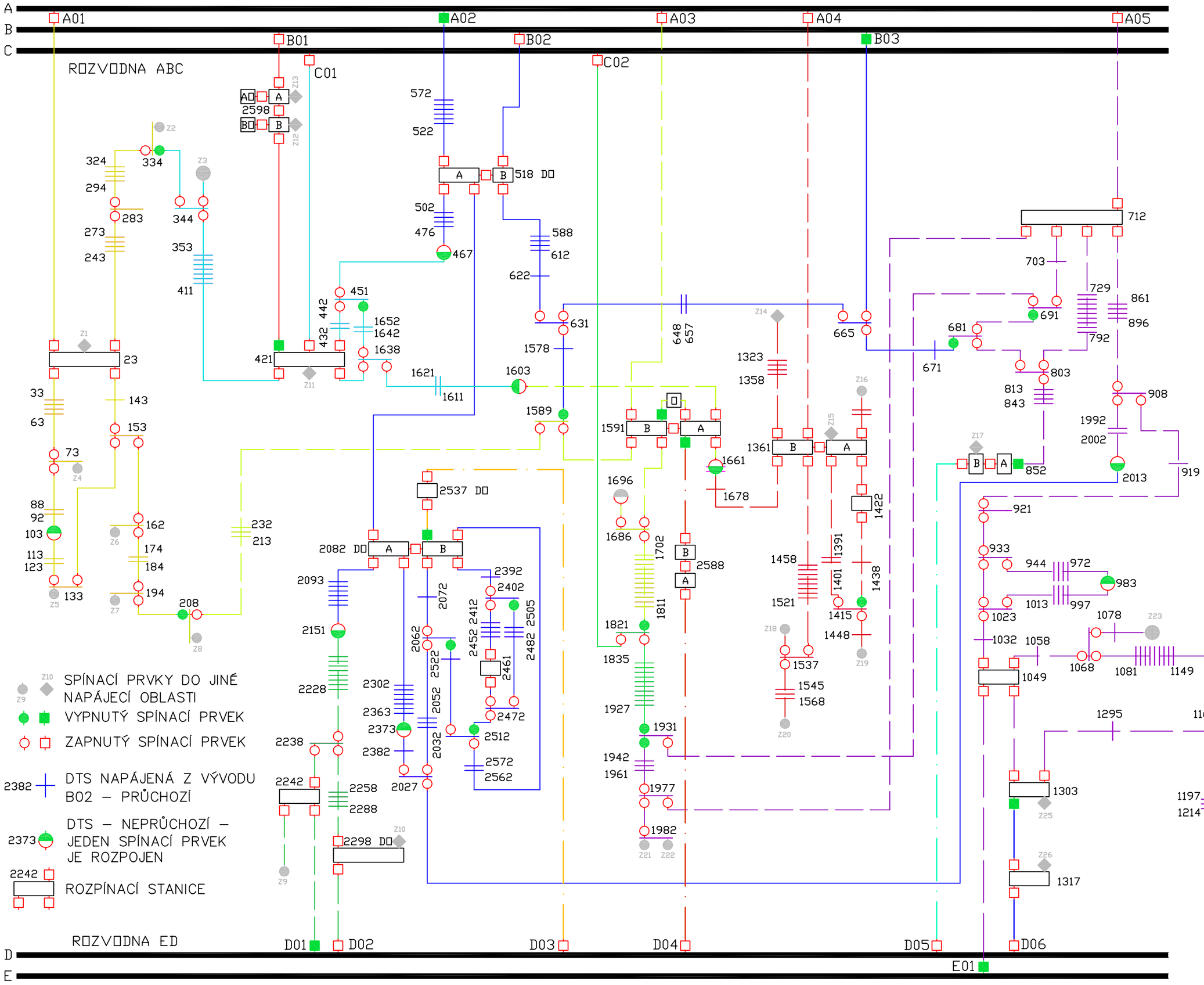
Pedagogická praxe:

2005 – 2009	VUT v Brně, Fakulta elektrotechniky a komunikačních technologií – participace na numerických, počítačových i laboratorních cvičeních v předmětech Distribuce elektrické energie, Přenosové sítě a Ochrany a jištění zařízení.

Zahraniční stáže:

9/2006 – 1/2007	Aalborg University, Aalborg, Dánsko
4/2008 – 8/2008	Tampere University of Technology, Tampere, Finsko

Členství v organizacích:

IEEE, Power Engineering Society – student member

PŘÍLOHA 2 – SCHÉMA SÍTĚ PŘI PŮVODNÍ KONFIGURACI