The maximum and minimum NP calculation should follow the logic given below:

NP_max(n) <- maximize(NP(n))

NP_min(n) <- minimize(NP(n))

Subject to the same following constraints:

$$(Constraint\ 1: flow\ on\ significant\ CNECs)\ PTDF_i * NP\ ?\ RAM_i, for\ each\ significant\ CNEC\ i$$

$$(Constraint\ 2: allocation\ constraints\ for\ bidding\ zones)$$

$$Alloc_j^{min}\ ?\ NP_j\ ?\ Alloc_j^{max}, for\ each\ bidding\ zone\ j$$

$$(Constraint\ 3: balance\ of\ net\ positions\ in\ the\ Nordics)\ ?_{BZ\ in\ Nordics}\ NP_{BZ} = 0$$

$$(Constraint\ 4: balance\ of\ net\ positions\ in\ Jutland)\ ?_{BZ\ in\ Jutland}\ NP_{Jutland} = 0$$

$$(Const.\ 5: balance\ of\ net\ positions\ for\ virtual\ bidding\ zones)\ NP(VBZi) = -NP(VBZj)$$

For each Pair (i,j) of Coupled Virtual Bidding Zones

Coupled pairs of virtual bidding zones include:

(DK1_SK, NO2_SK)
(DK1_KS, SE3_KS)
(DK1_SB, DK2_SB)
(SE3_SWL, SE4_SWL)
(FI_FS, SE3_FS)

Bidding zones belonging to the "Jutland" area include all zones with name beginning with "$DK1$" the rest are placed in Nordics."