```
Initial Parameters...
R(load) = 500 ohms
r = 1.00
w = 0.50

---------
INITIAL Particle 1 ::   pos(duty)=   0.69482862    fitness(Output Power)=  40.04134853
INITIAL Particle 2 ::   pos(duty)=   0.31709948    fitness(Output Power)=   8.41032495
INITIAL Particle 3 ::   pos(duty)=   0.95022205    fitness(Output Power)=  36.78731864

================================================
++++++++++++++Start of Iterations++++++++++++++
================================================
Iteration No: 1
c1 =   0.03444608    c2 =   0.43874436
velocity =

         0
    0.1657
   -0.1121

Particle 1 ::   pos(duty)=   0.69482862    fitness(Output Power)=  40.04134853
Particle 2 ::   pos(duty)=   0.48282601    fitness(Output Power)=  14.31259415
Particle 3 ::   pos(duty)=   0.83816962    fitness(Output Power)= 128.64864675


Updated best Fitness Position =   0.83816962


--------
Iteration No: 2
c1 =   0.38155846    c2 =   0.76551679
velocity =

    0.1097
    0.3549
   -0.0560

Particle 1 ::   pos(duty)=   0.80455857    fitness(Output Power)=  92.73425150
Particle 2 ::   pos(duty)=   0.83771078    fitness(Output Power)= 128.08579104
Particle 3 ::   pos(duty)=   0.78214341    fitness(Output Power)=  76.26727134


Updated best Fitness Position =   0.83816962


--------
Iteration No: 3
c1 =   0.79519990    c2 =   0.18687260
velocity =

    0.0611
    0.1775
    0.0270
```

```
Particle 1 ::   pos(duty)=   0.86570452    fitness(Output Power)= 167.55540107
Particle 2 ::   pos(duty)=   0.95000000    fitness(Output Power)=  37.11431295
Particle 3 ::   pos(duty)=   0.80915211    fitness(Output Power)=  96.90931004


Updated best Fitness Position =   0.86570452


--------
Iteration No: 4
c1 =   0.48976440    c2 =   0.44558620
velocity =

    0.0306
   -0.0038
    0.0529

Particle 1 ::   pos(duty)=   0.89627750    fitness(Output Power)= 157.10247783
Particle 2 ::   pos(duty)=   0.94620790    fitness(Output Power)=  42.94568160
Particle 3 ::   pos(duty)=   0.86206718    fitness(Output Power)= 162.49577390


Updated best Fitness Position =   0.86570452


--------
Iteration No: 5
c1 =   0.64631301    c2 =   0.70936483
velocity =

   -0.0262
   -0.1291
    0.0290

Particle 1 ::   pos(duty)=   0.87011688    fitness(Output Power)= 173.18730074
Particle 2 ::   pos(duty)=   0.81708248    fitness(Output Power)= 104.39883887
Particle 3 ::   pos(duty)=   0.89110492    fitness(Output Power)= 169.20319252


Updated best Fitness Position =   0.87011688


--------
Iteration No: 6
c1 =   0.75468668    c2 =   0.27602508
velocity =

   -0.0131
   -0.0344
    0.0087

Particle 1 ::   pos(duty)=   0.85703657    fitness(Output Power)= 155.21992333
Particle 2 ::   pos(duty)=   0.78272650    fitness(Output Power)=  76.26727134
Particle 3 ::   pos(duty)=   0.89983056    fitness(Output Power)= 147.61883308
```

```
Updated best Fitness Position =   0.87011688


--------
Iteration No: 7
c1 =   0.67970268    c2 =   0.65509800
velocity =

    0.0109
    0.0774
   -0.0210

Particle 1 ::   pos(duty)=   0.86795602    fitness(Output Power)= 170.55392190
Particle 2 ::   pos(duty)=   0.86017073    fitness(Output Power)= 159.79504910
Particle 3 ::   pos(duty)=   0.87879717    fitness(Output Power)= 179.99215899


Updated best Fitness Position =   0.87879717


--------
Iteration No: 8
c1 =   0.16261174    c2 =   0.11899768
velocity =

    0.0071
    0.0409
   -0.0105

Particle 1 ::   pos(duty)=   0.87505720    fitness(Output Power)= 178.00231250
Particle 2 ::   pos(duty)=   0.90110935    fitness(Output Power)= 144.16661272
Particle 3 ::   pos(duty)=   0.86828047    fitness(Output Power)= 170.97535041


Updated best Fitness Position =   0.87879717


--------
Iteration No: 9
c1 =   0.49836405    c2 =   0.95974396
velocity =

    0.0071
   -0.0213
    0.0101

Particle 1 ::   pos(duty)=   0.88219720    fitness(Output Power)= 179.94965065
Particle 2 ::   pos(duty)=   0.87976234    fitness(Output Power)= 180.17969307
Particle 3 ::   pos(duty)=   0.87835660    fitness(Output Power)= 179.85642479


Updated best Fitness Position =   0.87976234
```

```
--------
Iteration No: 10
c1 =   0.34038573    c2 =   0.58526775
velocity =

    0.0021
   -0.0107
    0.0060

Particle 1 ::   pos(duty)=   0.88434216    fitness(Output Power)= 178.81974908
Particle 2 ::   pos(duty)=   0.86908884    fitness(Output Power)= 171.93775799
Particle 3 ::   pos(duty)=   0.88436736    fitness(Output Power)= 178.79961210


Updated best Fitness Position =   0.87976234


--------
Iteration No: 11
c1 =   0.22381194    c2 =   0.75126706
velocity =

   -0.0028
    0.0051
   -0.0017

Particle 1 ::   pos(duty)=   0.88149390    fitness(Output Power)= 180.12706955
Particle 2 ::   pos(duty)=   0.87415959    fitness(Output Power)= 177.28563131
Particle 3 ::   pos(duty)=   0.88266647    fitness(Output Power)= 179.77617519


Updated best Fitness Position =   0.87976234


--------
Iteration No: 12
c1 =   0.25509512    c2 =   0.50595705
velocity =

   -0.0023
    0.0068
   -0.0033

Particle 1 ::   pos(duty)=   0.87919368    fitness(Output Power)= 180.08773402
Particle 2 ::   pos(duty)=   0.88095896    fitness(Output Power)= 180.19995206
Particle 3 ::   pos(duty)=   0.87935962    fitness(Output Power)= 180.11586081


Updated best Fitness Position =   0.88095896


--------
Iteration No: 13
c1 =   0.69907672    c2 =   0.89090325
velocity =
```

```
    0.0020
    0.0034
   -0.0002

Particle 1 ::   pos(duty)=   0.88122429    fitness(Output Power)= 180.16776157
Particle 2 ::   pos(duty)=   0.88435864    fitness(Output Power)= 178.79961210
Particle 3 ::   pos(duty)=   0.87913105    fitness(Output Power)= 180.07235905


Updated best Fitness Position =   0.88095896


--------
Iteration No: 14
c1 =   0.95929143    c2 =   0.54721553
velocity =

    0.0009
   -0.0034
    0.0011

Particle 1 ::   pos(duty)=   0.88209440    fitness(Output Power)= 179.98674573
Particle 2 ::   pos(duty)=   0.88093683    fitness(Output Power)= 180.19995206
Particle 3 ::   pos(duty)=   0.88023629    fitness(Output Power)= 180.21522271


Updated best Fitness Position =   0.88023629


--------
Iteration No: 15
c1 =   0.13862444    c2 =   0.14929401
velocity =

    0.0000
   -0.0018
    0.0006

Particle 1 ::   pos(duty)=   0.88213143    fitness(Output Power)= 179.96851855
Particle 2 ::   pos(duty)=   0.87912135    fitness(Output Power)= 180.06434098
Particle 3 ::   pos(duty)=   0.88078891    fitness(Output Power)= 180.21145647


Updated best Fitness Position =   0.88023629


--------
Iteration No: 16
c1 =   0.25750825    c2 =   0.84071726
velocity =

   -0.0018
    0.0005
   -0.0003
```

```
Particle 1 ::   pos(duty)=   0.88032307    fitness(Output Power)= 180.21861699
Particle 2 ::   pos(duty)=   0.87961845    fitness(Output Power)= 180.15679391
Particle 3 ::   pos(duty)=   0.88045832    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045832


--------
Iteration No: 17
c1 =   0.25428218    c2 =   0.81428483
velocity =

   -0.0008
    0.0013
   -0.0002

Particle 1 ::   pos(duty)=   0.87952902    fitness(Output Power)= 180.14616388
Particle 2 ::   pos(duty)=   0.88088614    fitness(Output Power)= 180.20510769
Particle 3 ::   pos(duty)=   0.88029302    fitness(Output Power)= 180.21768226


Updated best Fitness Position =   0.88045832


--------
Iteration No: 18
c1 =   0.24352497    c2 =   0.92926362
velocity =

   1.0e-03 *

    0.6599
    0.2363
    0.1112

Particle 1 ::   pos(duty)=   0.88018893    fitness(Output Power)= 180.21369650
Particle 2 ::   pos(duty)=   0.88112242    fitness(Output Power)= 180.18386976
Particle 3 ::   pos(duty)=   0.88040423    fitness(Output Power)= 180.21989981


Updated best Fitness Position =   0.88045832


--------
Iteration No: 19
c1 =   0.34998377    c2 =   0.19659525
velocity =

   1.0e-03 *

    0.4299
   -0.0951
    0.0852
```

```
Particle 1 ::   pos(duty)=   0.88061879    fitness(Output Power)= 180.21830170
Particle 2 ::   pos(duty)=   0.88102730    fitness(Output Power)= 180.19406398
Particle 3 ::   pos(duty)=   0.88048940    fitness(Output Power)= 180.22036773


Updated best Fitness Position =   0.88045832


--------
Iteration No: 20
c1 =   0.25108386    c2 =   0.61604468
velocity =

   1.0e-03 *

    0.0418
   -0.4335
    0.0156

Particle 1 ::   pos(duty)=   0.88066061    fitness(Output Power)= 180.21730934
Particle 2 ::   pos(duty)=   0.88059378    fitness(Output Power)= 180.21910439
Particle 3 ::   pos(duty)=   0.88050503    fitness(Output Power)= 180.22036773


Updated best Fitness Position =   0.88045832


--------
Iteration No: 21
c1 =   0.47328885    c2 =   0.35165951
velocity =

   1.0e-03 *

   -0.2100
   -0.2644
   -0.0307

Particle 1 ::   pos(duty)=   0.88045063    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88032938    fitness(Output Power)= 180.21861699
Particle 3 ::   pos(duty)=   0.88047431    fitness(Output Power)= 180.22036773


Updated best Fitness Position =   0.88045063


--------
Iteration No: 22
c1 =   0.83082863    c2 =   0.58526409
velocity =

   1.0e-03 *

   -0.1050
```

```
    0.1584
   -0.0425

Particle 1 ::   pos(duty)=   0.88034564    fitness(Output Power)= 180.21935595
Particle 2 ::   pos(duty)=   0.88048781    fitness(Output Power)= 180.22036773
Particle 3 ::   pos(duty)=   0.88043180    fitness(Output Power)= 180.22024928


Updated best Fitness Position =   0.88045063


--------
Iteration No: 23
c1 =   0.54972361    c2 =   0.91719366
velocity =

   1.0e-03 *

    0.1015
    0.0451
    0.0106

Particle 1 ::   pos(duty)=   0.88044716    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88053292    fitness(Output Power)= 180.22013808
Particle 3 ::   pos(duty)=   0.88044239    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044716


--------
Iteration No: 24
c1 =   0.28583902    c2 =   0.75720023
velocity =

   1.0e-04 *

    0.5076
   -0.5528
    0.0890

Particle 1 ::   pos(duty)=   0.88049791    fitness(Output Power)= 180.22036773
Particle 2 ::   pos(duty)=   0.88047764    fitness(Output Power)= 180.22036773
Particle 3 ::   pos(duty)=   0.88045129    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044716


--------
Iteration No: 25
c1 =   0.75372909    c2 =   0.38044585
velocity =

   1.0e-04 *
```

```
   -0.3219
   -0.3924
    0.0288

Particle 1 ::   pos(duty)=   0.88046572    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88043840    fitness(Output Power)= 180.22024928
Particle 3 ::   pos(duty)=   0.88045417    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88046572


--------
Iteration No: 26
c1 =   0.56782164    c2 =   0.07585429
velocity =

   1.0e-04 *

   -0.1610
    0.0473
    0.0231

Particle 1 ::   pos(duty)=   0.88044963    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044314    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045648    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044963


--------
Iteration No: 27
c1 =   0.05395012    c2 =   0.53079755
velocity =

   1.0e-05 *

   -0.8048
    0.5814
   -0.2482

Particle 1 ::   pos(duty)=   0.88044158    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044895    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045400    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044158


--------
Iteration No: 28
c1 =   0.77916723    c2 =   0.93401068
velocity =
```

```
   1.0e-04 *

   -0.0402
   -0.0397
   -0.1284

Particle 1 ::   pos(duty)=   0.88043756    fitness(Output Power)= 180.22024928
Particle 2 ::   pos(duty)=   0.88044497    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044116    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044158


--------
Iteration No: 29
c1 =   0.12990621    c2 =   0.56882366
velocity =

   1.0e-05 *

    0.0800
   -0.3917
   -0.6182

Particle 1 ::   pos(duty)=   0.88043836    fitness(Output Power)= 180.22024928
Particle 2 ::   pos(duty)=   0.88044106    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88043498    fitness(Output Power)= 180.22024928


Updated best Fitness Position =   0.88044158


--------
Iteration No: 30
c1 =   0.46939064    c2 =   0.01190207
velocity =

   1.0e-05 *

    0.1952
   -0.1952
   -0.0111

Particle 1 ::   pos(duty)=   0.88044031    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88043911    fitness(Output Power)= 180.22024928
Particle 3 ::   pos(duty)=   0.88043487    fitness(Output Power)= 180.22024928


Updated best Fitness Position =   0.88044031


--------
Iteration No: 31
```

```
c1 =   0.33712264    c2 =   0.16218231
velocity =

   1.0e-05 *

    0.0976
   -0.0123
    0.2948

Particle 1 ::   pos(duty)=   0.88044128    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88043898    fitness(Output Power)= 180.22024928
Particle 3 ::   pos(duty)=   0.88043782    fitness(Output Power)= 180.22024928


Updated best Fitness Position =   0.88044128


--------
Iteration No: 32
c1 =   0.79428454    c2 =   0.31121504
velocity =

   1.0e-05 *

    0.0488
    0.2303
    0.5210

Particle 1 ::   pos(duty)=   0.88044177    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044129    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044303    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044177


--------
Iteration No: 33
c1 =   0.52853314    c2 =   0.16564873
velocity =

   1.0e-05 *

    0.0244
    0.1232
    0.2397

Particle 1 ::   pos(duty)=   0.88044202    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044252    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044542    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044202
```

```
--------
Iteration No: 34
c1 =   0.60198194    c2 =   0.26297128
velocity =

   1.0e-06 *

    0.1220
    0.4843
    0.3027

Particle 1 ::   pos(duty)=   0.88044214    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044300    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044573    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044214


--------
Iteration No: 35
c1 =   0.65407910    c2 =   0.68921450
velocity =

   1.0e-05 *

    0.0061
   -0.0353
   -0.2321

Particle 1 ::   pos(duty)=   0.88044220    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044265    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044341    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044220


--------
Iteration No: 36
c1 =   0.74815159    c2 =   0.45054160
velocity =

   1.0e-05 *

    0.0030
   -0.0379
   -0.1704

Particle 1 ::   pos(duty)=   0.88044223    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044227    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044170    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044223
```

```
--------
Iteration No: 37
c1 =   0.08382138    c2 =   0.22897697
velocity =

   1.0e-06 *

    0.0152
   -0.1987
   -0.7307

Particle 1 ::   pos(duty)=   0.88044225    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044207    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044097    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044225


--------
Iteration No: 38
c1 =   0.91333736    c2 =   0.15237802
velocity =

   1.0e-06 *

    0.0076
   -0.0729
   -0.1711

Particle 1 ::   pos(duty)=   0.88044225    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044200    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044080    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044225


--------
Iteration No: 39
c1 =   0.82581698    c2 =   0.53834244
velocity =

   1.0e-06 *

    0.0038
    0.1006
    0.6969

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044210    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044150    fitness(Output Power)= 180.22040503
```

```
Updated best Fitness Position =   0.88044226


--------
Iteration No: 40
c1 =   0.99613472    c2 =   0.07817553
velocity =

   1.0e-06 *

    0.0019
    0.0626
    0.4079

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044216    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044190    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 41
c1 =   0.44267827    c2 =   0.10665277
velocity =

   1.0e-06 *

    0.0010
    0.0417
    0.2418

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044220    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044215    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 42
c1 =   0.96189808    c2 =   0.00463422
velocity =

   1.0e-06 *

    0.0005
    0.0211
    0.1214

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044222    fitness(Output Power)= 180.22040503
```

```
Particle 3 ::   pos(duty)=   0.88044227    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 43
c1 =   0.77491046    c2 =   0.81730322
velocity =

   1.0e-07 *

    0.0024
    0.3972
    0.5471

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044232    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 44
c1 =   0.86869471    c2 =   0.08443585
velocity =

   1.0e-07 *

    0.0012
    0.1954
    0.2214

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044228    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044234    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 45
c1 =   0.39978265    c2 =   0.25987040
velocity =

   1.0e-07 *

    0.0006
    0.0374
   -0.1071
```

```
Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044229    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044233    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 46
c1 =   0.80006848    c2 =   0.43141383
velocity =

   1.0e-07 *

    0.0003
   -0.0973
   -0.3687

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044228    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044230    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 47
c1 =   0.91064759    c2 =   0.18184703
velocity =

   1.0e-07 *

    0.0001
   -0.0798
   -0.2501

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044227    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044227    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 48
c1 =   0.26380292    c2 =   0.14553898
velocity =

   1.0e-07 *

    0.0001
   -0.0532
```

```
   -0.1412

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 49
c1 =   0.13606856    c2 =   0.86929221
velocity =

   1.0e-08 *

    0.0004
   -0.5968
   -0.4447

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044225    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


--------
Iteration No: 50
c1 =   0.57970459    c2 =   0.54986020
velocity =

   1.0e-08 *

    0.0002
   -0.1793
    0.1878

Particle 1 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044226    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044226


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>>
```