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

---------
INITIAL Particle 1 ::   pos(duty)=   0.14495480    fitness(Output Power)=   5.39209111
INITIAL Particle 2 ::   pos(duty)=   0.85303112    fitness(Output Power)= 149.38683267
INITIAL Particle 3 ::   pos(duty)=   0.62205513    fitness(Output Power)=  26.28040607

================================================
++++++++++++++Start of Iterations++++++++++++++
================================================
Iteration No: 1
c1 =   0.35095238    c2 =   0.51324954
velocity =

    0.3634
         0
    0.1185

Particle 1 ::   pos(duty)=   0.50837464    fitness(Output Power)=  15.76065445
Particle 2 ::   pos(duty)=   0.85303112    fitness(Output Power)= 149.38683267
Particle 3 ::   pos(duty)=   0.74060345    fitness(Output Power)=  55.05319554


Updated best Fitness Position =   0.85303112


--------
Iteration No: 2
c1 =   0.40180803    c2 =   0.07596669
velocity =

    0.2079
         0
    0.0678

Particle 1 ::   pos(duty)=   0.71626698    fitness(Output Power)=  46.21842647
Particle 2 ::   pos(duty)=   0.85303112    fitness(Output Power)= 149.38683267
Particle 3 ::   pos(duty)=   0.80841837    fitness(Output Power)=  96.08748023


Updated best Fitness Position =   0.85303112


--------
Iteration No: 3
c1 =   0.23991615    c2 =   0.12331893
velocity =

    0.1208
         0
    0.0394
```

```
Particle 1 ::   pos(duty)=   0.83707875    fitness(Output Power)= 127.23262769
Particle 2 ::   pos(duty)=   0.85303112    fitness(Output Power)= 149.38683267
Particle 3 ::   pos(duty)=   0.84782742    fitness(Output Power)= 141.94982779


Updated best Fitness Position =   0.85303112


--------
Iteration No: 4
c1 =   0.18390779    c2 =   0.23995253
velocity =

    0.0642
         0
    0.0210

Particle 1 ::   pos(duty)=   0.90131245    fitness(Output Power)= 143.58805750
Particle 2 ::   pos(duty)=   0.85303112    fitness(Output Power)= 149.38683267
Particle 3 ::   pos(duty)=   0.86878059    fitness(Output Power)= 171.54504782


Updated best Fitness Position =   0.86878059


--------
Iteration No: 5
c1 =   0.41726707    c2 =   0.04965443
velocity =

    0.0305
    0.0008
    0.0105

Particle 1 ::   pos(duty)=   0.93181395    fitness(Output Power)=  68.99438667
Particle 2 ::   pos(duty)=   0.85381315    fitness(Output Power)= 150.51400812
Particle 3 ::   pos(duty)=   0.87925717    fitness(Output Power)= 180.09509245


Updated best Fitness Position =   0.87925717


--------
Iteration No: 6
c1 =   0.90271611    c2 =   0.94478719
velocity =

   -0.0619
    0.0244
    0.0052

Particle 1 ::   pos(duty)=   0.86987554    fitness(Output Power)= 172.90495365
Particle 2 ::   pos(duty)=   0.87824335    fitness(Output Power)= 179.81720176
Particle 3 ::   pos(duty)=   0.88449547    fitness(Output Power)= 178.69711064
```

```
Updated best Fitness Position =   0.87925717


--------
Iteration No: 7
c1 =   0.49086409    c2 =   0.48925264
velocity =

   -0.0264
    0.0127
   -0.0025

Particle 1 ::   pos(duty)=   0.84349632    fitness(Output Power)= 135.80051381
Particle 2 ::   pos(duty)=   0.89095447    fitness(Output Power)= 169.49804570
Particle 3 ::   pos(duty)=   0.88198047    fitness(Output Power)= 180.01287527


Updated best Fitness Position =   0.87925717


--------
Iteration No: 8
c1 =   0.33771941    c2 =   0.90005385
velocity =

    0.0279
   -0.0085
   -0.0046

Particle 1 ::   pos(duty)=   0.87140218    fitness(Output Power)= 174.61762012
Particle 2 ::   pos(duty)=   0.88248904    fitness(Output Power)= 179.84585688
Particle 3 ::   pos(duty)=   0.87735215    fitness(Output Power)= 179.44298881


Updated best Fitness Position =   0.87925717


--------
Iteration No: 9
c1 =   0.36924678    c2 =   0.11120276
velocity =

    0.0148
   -0.0046
   -0.0014

Particle 1 ::   pos(duty)=   0.88622861    fitness(Output Power)= 177.05507929
Particle 2 ::   pos(duty)=   0.87789693    fitness(Output Power)= 179.68647610
Particle 3 ::   pos(duty)=   0.87595326    fitness(Output Power)= 178.63408334


Updated best Fitness Position =   0.87925717
```

```
--------
Iteration No: 10
c1 =   0.78025207    c2 =   0.38973884
velocity =

    0.0047
    0.0018
    0.0032

Particle 1 ::   pos(duty)=   0.89092478    fitness(Output Power)= 169.58188927
Particle 2 ::   pos(duty)=   0.87971402    fitness(Output Power)= 180.17115987
Particle 3 ::   pos(duty)=   0.87911936    fitness(Output Power)= 180.06434098


Updated best Fitness Position =   0.87971402


--------
Iteration No: 11
c1 =   0.24169129    c2 =   0.40391215
velocity =

   -0.0033
    0.0009
    0.0019

Particle 1 ::   pos(duty)=   0.88760968    fitness(Output Power)= 175.28648054
Particle 2 ::   pos(duty)=   0.88062256    fitness(Output Power)= 180.21830170
Particle 3 ::   pos(duty)=   0.88097591    fitness(Output Power)= 180.19709926


Updated best Fitness Position =   0.88062256


--------
Iteration No: 12
c1 =   0.09645453    c2 =   0.13197329
velocity =

   -0.0027
    0.0005
    0.0009

Particle 1 ::   pos(duty)=   0.88489681    fitness(Output Power)= 178.37188198
Particle 2 ::   pos(duty)=   0.88107683    fitness(Output Power)= 180.18744860
Particle 3 ::   pos(duty)=   0.88185756    fitness(Output Power)= 180.04542962


Updated best Fitness Position =   0.88062256


--------
Iteration No: 13
c1 =   0.94205059    c2 =   0.95613454
velocity =
```

```
   -0.0054
   -0.0006
   -0.0016

Particle 1 ::   pos(duty)=   0.87945362    fitness(Output Power)= 180.13468474
Particle 2 ::   pos(duty)=   0.88044168    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88028701    fitness(Output Power)= 180.21768226


Updated best Fitness Position =   0.88044168


--------
Iteration No: 14
c1 =   0.57520860    c2 =   0.05977954
velocity =

   -0.0027
   -0.0003
   -0.0008

Particle 1 ::   pos(duty)=   0.87679109    fitness(Output Power)= 179.14847189
Particle 2 ::   pos(duty)=   0.88012410    fitness(Output Power)= 180.21004773
Particle 3 ::   pos(duty)=   0.87951098    fitness(Output Power)= 180.14053083


Updated best Fitness Position =   0.88044168


--------
Iteration No: 15
c1 =   0.23477991    c2 =   0.35315857
velocity =

   1.0e-03 *

    0.5831
    0.0279
    0.1229

Particle 1 ::   pos(duty)=   0.87737417    fitness(Output Power)= 179.44298881
Particle 2 ::   pos(duty)=   0.88015203    fitness(Output Power)= 180.21197174
Particle 3 ::   pos(duty)=   0.87963384    fitness(Output Power)= 180.16179237


Updated best Fitness Position =   0.88044168


--------
Iteration No: 16
c1 =   0.82119404    c2 =   0.01540344
velocity =

    0.0020
```

```
    0.0003
    0.0006

Particle 1 ::   pos(duty)=   0.87942059    fitness(Output Power)= 180.12862488
Particle 2 ::   pos(duty)=   0.88040831    fitness(Output Power)= 180.22024928
Particle 3 ::   pos(duty)=   0.88024409    fitness(Output Power)= 180.21655106


Updated best Fitness Position =   0.88044168


--------
Iteration No: 17
c1 =   0.04302380    c2 =   0.16899003
velocity =

    0.0012
    0.0001
    0.0003

Particle 1 ::   pos(duty)=   0.88061778    fitness(Output Power)= 180.21830170
Particle 2 ::   pos(duty)=   0.88054353    fitness(Output Power)= 180.21971674
Particle 3 ::   pos(duty)=   0.88058445    fitness(Output Power)= 180.21910439


Updated best Fitness Position =   0.88044168


--------
Iteration No: 18
c1 =   0.64911547    c2 =   0.73172239
velocity =

   1.0e-03 *

    0.4697
   -0.0730
    0.0657

Particle 1 ::   pos(duty)=   0.88108751    fitness(Output Power)= 180.18744860
Particle 2 ::   pos(duty)=   0.88047050    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88065016    fitness(Output Power)= 180.21730934


Updated best Fitness Position =   0.88047050


--------
Iteration No: 19
c1 =   0.64774596    c2 =   0.45092371
velocity =

   1.0e-03 *

   -0.3476
```

```
   -0.0365
   -0.0907

Particle 1 ::   pos(duty)=   0.88073989    fitness(Output Power)= 180.21320087
Particle 2 ::   pos(duty)=   0.88043398    fitness(Output Power)= 180.22024928
Particle 3 ::   pos(duty)=   0.88055944    fitness(Output Power)= 180.21971674


Updated best Fitness Position =   0.88047050


--------
Iteration No: 20
c1 =   0.54700889    c2 =   0.29632081
velocity =

   1.0e-03 *

   -0.3204
    0.0125
   -0.0717

Particle 1 ::   pos(duty)=   0.88041945    fitness(Output Power)= 180.22024928
Particle 2 ::   pos(duty)=   0.88044652    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88048772    fitness(Output Power)= 180.22036773


Updated best Fitness Position =   0.88044652


--------
Iteration No: 21
c1 =   0.74469281    c2 =   0.18895502
velocity =

   1.0e-03 *

   -0.1551
    0.0063
   -0.0436

Particle 1 ::   pos(duty)=   0.88026435    fitness(Output Power)= 180.21655106
Particle 2 ::   pos(duty)=   0.88045279    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044408    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045279


--------
Iteration No: 22
c1 =   0.68677543    c2 =   0.18351116
velocity =

   1.0e-04 *
```

```
    0.6355
    0.0313
   -0.2022

Particle 1 ::   pos(duty)=   0.88032790    fitness(Output Power)= 180.21861699
Particle 2 ::   pos(duty)=   0.88045592    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88042386    fitness(Output Power)= 180.22024928


Updated best Fitness Position =   0.88045592


--------
Iteration No: 23
c1 =   0.36848460    c2 =   0.62561856
velocity =

   1.0e-03 *

    0.1456
    0.0016
    0.0174

Particle 1 ::   pos(duty)=   0.88047350    fitness(Output Power)= 180.22036773
Particle 2 ::   pos(duty)=   0.88045749    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044126    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045749


--------
Iteration No: 24
c1 =   0.78022744    c2 =   0.08112577
velocity =

   1.0e-04 *

    0.7150
    0.0078
    0.1002

Particle 1 ::   pos(duty)=   0.88054501    fitness(Output Power)= 180.21971674
Particle 2 ::   pos(duty)=   0.88045827    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045128    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045827


--------
Iteration No: 25
c1 =   0.92938597    c2 =   0.77571268
velocity =
```

```
   1.0e-04 *

   -0.9798
    0.0039
    0.1044

Particle 1 ::   pos(duty)=   0.88044702    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045867    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88046171    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044702


--------
Iteration No: 26
c1 =   0.48679163    c2 =   0.43585859
velocity =

   1.0e-04 *

   -0.4899
   -0.0488
   -0.0118

Particle 1 ::   pos(duty)=   0.88039803    fitness(Output Power)= 180.21989981
Particle 2 ::   pos(duty)=   0.88045379    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88046053    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044702


--------
Iteration No: 27
c1 =   0.44678375    c2 =   0.30634947
velocity =

   1.0e-04 *

    0.1240
   -0.0451
   -0.0473

Particle 1 ::   pos(duty)=   0.88041043    fitness(Output Power)= 180.22024928
Particle 2 ::   pos(duty)=   0.88044928    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045580    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88044702


--------
Iteration No: 28
```

```
c1 =   0.50850866    c2 =   0.51077156
velocity =

   1.0e-04 *

    0.4350
   -0.0341
   -0.0685

Particle 1 ::   pos(duty)=   0.88045393    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88044587    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044895    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045393


--------
Iteration No: 29
c1 =   0.81762771    c2 =   0.79483142
velocity =

   1.0e-04 *

    0.2175
    0.0470
    0.0053

Particle 1 ::   pos(duty)=   0.88047568    fitness(Output Power)= 180.22036773
Particle 2 ::   pos(duty)=   0.88045057    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88044949    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045393


--------
Iteration No: 30
c1 =   0.64431813    c2 =   0.37860938
velocity =

   1.0e-04 *

   -0.1137
    0.0362
    0.0195

Particle 1 ::   pos(duty)=   0.88046431    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045420    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045143    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88046431
```

```
--------
Iteration No: 31
c1 =   0.81158046    c2 =   0.53282559
velocity =

   1.0e-05 *

   -0.5686
    0.7198
    0.7833

Particle 1 ::   pos(duty)=   0.88045862    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88046139    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045927    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045862


--------
Iteration No: 32
c1 =   0.35072710    c2 =   0.93900156
velocity =

   1.0e-05 *

   -0.2843
    0.0994
    0.3308

Particle 1 ::   pos(duty)=   0.88045578    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88046239    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88046257    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045578


--------
Iteration No: 33
c1 =   0.87594281    c2 =   0.55015634
velocity =

   1.0e-05 *

   -0.1422
   -0.3141
   -0.2087

Particle 1 ::   pos(duty)=   0.88045435    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045925    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88046049    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045435
```

```
--------
Iteration No: 34
c1 =   0.62247509    c2 =   0.58704470
velocity =

   1.0e-05 *

   -0.0711
   -0.4442
   -0.4644

Particle 1 ::   pos(duty)=   0.88045364    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045480    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045584    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045364


--------
Iteration No: 35
c1 =   0.20774229    c2 =   0.30124633
velocity =

   1.0e-05 *

   -0.0355
   -0.2571
   -0.2985

Particle 1 ::   pos(duty)=   0.88045329    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045223    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045286    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045329


--------
Iteration No: 36
c1 =   0.47092335    c2 =   0.23048816
velocity =

   1.0e-05 *

   -0.0178
   -0.1042
   -0.1394

Particle 1 ::   pos(duty)=   0.88045311    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045119    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045147    fitness(Output Power)= 180.22040503
```

```
Updated best Fitness Position =   0.88045311


--------
Iteration No: 37
c1 =   0.84430879    c2 =   0.19476429
velocity =

   1.0e-06 *

   -0.0888
   -0.1474
   -0.3764

Particle 1 ::   pos(duty)=   0.88045302    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045104    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045109    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045302


--------
Iteration No: 38
c1 =   0.22592178    c2 =   0.17070805
velocity =

   1.0e-06 *

   -0.0444
    0.2639
    0.1417

Particle 1 ::   pos(duty)=   0.88045298    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045131    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045123    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045298


--------
Iteration No: 39
c1 =   0.22766430    c2 =   0.43569868
velocity =

   1.0e-06 *

   -0.0222
    0.8593
    0.8318

Particle 1 ::   pos(duty)=   0.88045296    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045217    fitness(Output Power)= 180.22040503
```

```
Particle 3 ::   pos(duty)=   0.88045206    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045296


--------
Iteration No: 40
c1 =   0.31110229    c2 =   0.92337964
velocity =

   1.0e-05 *

   -0.0011
    0.1157
    0.1240

Particle 1 ::   pos(duty)=   0.88045294    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045332    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045330    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045294


--------
Iteration No: 41
c1 =   0.43020739    c2 =   0.18481632
velocity =

   1.0e-06 *

   -0.0056
    0.5083
    0.5537

Particle 1 ::   pos(duty)=   0.88045294    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045383    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045386    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045294


--------
Iteration No: 42
c1 =   0.90488097    c2 =   0.97974838
velocity =

   1.0e-06 *

   -0.0028
   -0.6220
   -0.6224
```

```
Particle 1 ::   pos(duty)=   0.88045294    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045321    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045323    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045294


--------
Iteration No: 43
c1 =   0.43886997    c2 =   0.11111922
velocity =

   1.0e-06 *

   -0.0014
   -0.3416
   -0.3443

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045287    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045289    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 44
c1 =   0.25806470    c2 =   0.40871985
velocity =

   1.0e-06 *

   -0.0007
   -0.1442
   -0.1539

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045272    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045274    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 45
c1 =   0.59489607    c2 =   0.26221175
velocity =

   1.0e-07 *

   -0.0035
   -0.1738
```

```
   -0.2504

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045271    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045271    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 46
c1 =   0.60284309    c2 =   0.71121578
velocity =

   1.0e-06 *

   -0.0002
    0.1518
    0.1458

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045286    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045286    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 47
c1 =   0.22174673    c2 =   0.11741765
velocity =

   1.0e-07 *

   -0.0009
    0.8454
    0.8191

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045294    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045294    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 48
c1 =   0.29667587    c2 =   0.31877830
velocity =

   1.0e-07 *
```

```
   -0.0004
    0.3878
    0.3925

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045298    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045298    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


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Iteration No: 49
c1 =   0.42416676    c2 =   0.50785828
velocity =

   1.0e-08 *

   -0.0022
   -0.5890
   -0.3050

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045298    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045297    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


--------
Iteration No: 50
c1 =   0.08551580    c2 =   0.26248223
velocity =

   1.0e-07 *

   -0.0001
   -0.1447
   -0.1245

Particle 1 ::   pos(duty)=   0.88045293    fitness(Output Power)= 180.22040503
Particle 2 ::   pos(duty)=   0.88045296    fitness(Output Power)= 180.22040503
Particle 3 ::   pos(duty)=   0.88045296    fitness(Output Power)= 180.22040503


Updated best Fitness Position =   0.88045293


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