Lambda=25;

Lr=1;

Lw=[2,3,3,4,6,7];

Ow=[1500,1000,2000,800,4000,4800];

Pw=[84,85.0,83,83.5,82.8,82.5];

%Pw=[84.0,84.5,83.2,83.5,82.8,82.5];

Or=500;

BigM=[180,160,150,190,180,210];

qw=[0.970,0.975,0.945,0.955,0.950,0.945]; %Perfect Rate

qr=0.95; %Target Perfect Rate

Node Left Iinf Objective Best Relaxatn Best Incumbent

------ ------ ------ -------------- -------------- --------------

1 0 12 -3.702417e+003 -3.702417e+003 3.602864e+005

10 9 9 -3.638600e+003 -3.700025e+003 3.602864e+005

20 19 8 -3.596678e+003 -3.641934e+003 -3.233184e+003

30 27 6 -3.532993e+003 -3.612472e+003 -3.352573e+003

40 37 7 -3.591109e+003 -3.591658e+003 -3.501182e+003

50 43 -3.473812e+003 pr -3.590689e+003 -3.501182e+003

60 47 INFEASIBLE pr -3.590037e+003 -3.501182e+003

70 49 7 -3.578353e+003 -3.583582e+003 -3.501182e+003

80 53 4 -3.568137e+003 -3.570340e+003 -3.553175e+003

90 59 -3.566207e+003 pr -3.568137e+003 -3.566427e+003

100 53 3 -3.566644e+003 -3.566646e+003 -3.566590e+003

EXIT: Optimal solution found.

Final Statistics for MIP

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Final objective value = -3.56659016000902e+003

Final integrality gap (abs / rel) = 6.42e-004 / 1.80e-007 ( 0.00)

# of nodes processed = 107

# of subproblems processed = 107

Total program time (secs) = 397.983 ( 400.501 CPU time)

Time spent in evaluations (secs) = 402.324

===========================================================================

>> x

x =

8 0 0 10 0 13 1 0 0 1 0 1 4 158 2