**Execution time of CalculatioNewMethod.py code file -**

C:\.pfs\venvs\amp-venv\.venv\Scripts\python.exe "S:/asset ops/GO\_Group/Interns/2019/Anubha/Constraint Project/Constraint-Project/Code Files/CalculationNewMethod.py"

Working

Constraints (3, 33)

Outages (0, 36)

Constraints (9, 33)

Outages (11, 36)

0%| | 0/46 [00:00<?, ?it/s]Opening Lines 6.50699996948

4%|▍ | 2/46 [00:47<17:23, 23.71s/it]Calculation 40.853000164

Constraints (2, 33)

Outages (35, 36)

Opening Lines 5.70300006866

Closing Lines 5.75499987602

Calculation 127.255000114

7%|▋ | 3/46 [03:06<44:28, 62.06s/it]Constraints (5, 33)

Outages (45, 36)

Opening Lines 5.66299986839

Closing Lines 5.72099995613

9%|▊ | 4/46 [06:00<1:03:08, 90.20s/it]Calculation 163.233999968

Constraints (2, 33)

Outages (106, 36)

Opening Lines 5.81599998474

Closing Lines 5.78299999237

11%|█ | 5/46 [12:40<1:43:59, 152.19s/it]Calculation 388.467000008

Constraints (1, 33)

Outages (116, 36)

Opening Lines 4.71899986267

Closing Lines 5.71300005913

Calculation 426.440999985

13%|█▎ | 6/46 [19:57<2:13:05, 199.64s/it]Constraints (4, 33)

Outages (118, 36)

Opening Lines 5.97799992561

Closing Lines 5.73299980164

Calculation 427.917000055

15%|█▌ | 7/46 [27:17<2:32:03, 233.93s/it]Constraints (1, 33)

Outages (100, 36)

Opening Lines 5.70799994469

Closing Lines 5.71700000763

Calculation 360.937999964

17%|█▋ | 8/46 [33:29<2:39:07, 251.24s/it]Constraints (1, 33)

Outages (115, 36)

Opening Lines 4.66100001335

Closing Lines 5.70999979973

Calculation 414.673000097

20%|█▉ | 9/46 [40:34<2:46:50, 270.55s/it]Constraints (40, 33)

Outages (134, 36)

Opening Lines 4.67100000381

Closing Lines 5.70900011063

22%|██▏ | 10/46 [49:06<2:56:47, 294.64s/it]Calculation 501.030999899

Constraints (3, 33)

Outages (127, 36)

Opening Lines 5.92199993134

Closing Lines 5.87800002098

Calculation 472.85800004

24%|██▍ | 11/46 [57:11<3:01:57, 311.92s/it]Constraints (3, 33)

Outages (171, 36)

Opening Lines 5.71000003815

Closing Lines 5.77200007439

26%|██▌ | 12/46 [1:08:00<3:12:42, 340.08s/it]Calculation 638.280999899

Constraints (8, 33)

Outages (175, 36)

Opening Lines 5.83399987221

Closing Lines 5.75499987602

28%|██▊ | 13/46 [1:19:25<3:21:36, 366.56s/it]Calculation 672.775000095

Constraints (1, 33)

Outages (205, 36)

Opening Lines 5.78999996185

Closing Lines 5.88000011444

Calculation 772.290999889

30%|███ | 14/46 [1:32:29<3:31:24, 396.38s/it]Constraints (4, 33)

Outages (228, 36)

Opening Lines 5.86699986458

Closing Lines 5.9509999752

Calculation 866.611000061

33%|███▎ | 15/46 [1:47:07<3:41:24, 428.52s/it]Constraints (1, 33)

Outages (257, 36)

Opening Lines 5.93700003624

Closing Lines 5.97599983215

Calculation 983.460000038

35%|███▍ | 16/46 [2:03:43<3:51:58, 463.95s/it]Constraints (2, 33)

Outages (222, 36)

Opening Lines 6.04799985886

Closing Lines 5.94799995422

37%|███▋ | 17/46 [2:18:05<3:55:33, 487.38s/it]Calculation 850.162999868

Constraints (4, 33)

Outages (233, 36)

Opening Lines 6.1970000267

Closing Lines 6.07099986076

Calculation 890.986999989

39%|███▉ | 18/46 [2:33:08<3:58:13, 510.48s/it]Constraints (2, 33)

Outages (256, 36)

Opening Lines 6.09899997711

Closing Lines 6.08700013161

Calculation 1001.27399993

41%|████▏ | 19/46 [2:50:02<4:01:37, 536.96s/it]Constraints (6, 33)

Outages (243, 36)

Opening Lines 6.05799984932

Closing Lines 5.95799994469

43%|████▎ | 20/46 [3:05:40<4:01:22, 557.03s/it]Calculation 926.455000162

Constraints (1, 33)

Outages (257, 36)

Opening Lines 5.84000015259

Closing Lines 5.79299998283

Calculation 959.816999912

46%|████▌ | 21/46 [3:21:52<4:00:19, 576.77s/it]Constraints (7, 33)

Outages (221, 36)

Opening Lines 6.06200003624

Closing Lines 6.45200014114

Calculation 878.720999956

48%|████▊ | 22/46 [3:36:43<3:56:25, 591.07s/it]Constraints (9, 33)

Outages (270, 36)

Opening Lines 5.89100003242

Closing Lines 5.90799999237

50%|█████ | 23/46 [3:53:59<3:53:59, 610.40s/it]Calculation 1023.97199988

Constraints (13, 33)

Outages (296, 36)

Opening Lines 5.90600013733

Closing Lines 5.84500002861

52%|█████▏ | 24/46 [4:12:38<3:51:35, 631.59s/it]Calculation 1107.204

Constraints (10, 33)

Outages (275, 36)

Opening Lines 5.84399986267

Closing Lines 5.76999998093

54%|█████▍ | 25/46 [4:29:54<3:46:43, 647.80s/it]Calculation 1025.06399989

Constraints (6, 33)

Outages (247, 36)

Opening Lines 5.86899995804

Closing Lines 5.96700000763

Calculation 951.600999832

57%|█████▋ | 26/46 [4:45:58<3:39:58, 659.94s/it]Constraints (1, 33)

Outages (290, 36)

Opening Lines 6.22499990463

Closing Lines 6.11500000954

59%|█████▊ | 27/46 [5:04:25<3:34:13, 676.49s/it]Calculation 1094.51400018

Constraints (4, 33)

Outages (297, 36)

Opening Lines 5.92599987984

Closing Lines 5.81599998474

Calculation 1107.85100007

61%|██████ | 28/46 [5:23:04<3:27:41, 692.32s/it]Constraints (1, 33)

Outages (272, 36)

Opening Lines 5.81900000572

Closing Lines 5.83800005913

63%|██████▎ | 29/46 [5:40:26<3:19:34, 704.37s/it]Calculation 1030.0539999

Constraints (2, 33)

Outages (270, 36)

Opening Lines 5.88700008392

Closing Lines 5.82000017166

Calculation 1041.07299995

65%|██████▌ | 30/46 [5:57:59<3:10:55, 715.98s/it]Constraints (6, 33)

Outages (277, 36)

Opening Lines 6.1930000782

Closing Lines 6.06399989128

Calculation 1071.62300014

67%|██████▋ | 31/46 [6:16:03<3:01:57, 727.85s/it]Constraints (18, 33)

Outages (283, 36)

Opening Lines 5.82699990273

Closing Lines 5.85699987411

70%|██████▉ | 32/46 [6:34:16<2:52:29, 739.25s/it]Calculation 1080.99600005

Constraints (3, 33)

Outages (243, 36)

Opening Lines 5.84500002861

Closing Lines 5.82500004768

Calculation 982.39199996

72%|███████▏ | 33/46 [6:50:50<2:41:50, 746.98s/it]Constraints (1, 33)

Outages (267, 36)

Opening Lines 6.10299992561

Closing Lines 6.21099996567

74%|███████▍ | 34/46 [7:08:55<2:31:23, 756.94s/it]Calculation 1073.23300004

Constraints (1, 33)

Outages (135, 36)

Opening Lines 6.04099988937

Closing Lines 5.96000003815

Calculation 511.448000193

76%|███████▌ | 35/46 [7:17:39<2:17:32, 750.27s/it]Constraints (1, 33)

Outages (83, 36)

Opening Lines 5.87400007248

Closing Lines 5.90300011635

78%|███████▊ | 36/46 [7:23:07<2:03:05, 738.55s/it]Calculation 316.744999886

Constraints (3, 33)

Outages (69, 36)

Opening Lines 5.83099985123

Closing Lines 5.90099978447

80%|████████ | 37/46 [7:27:41<1:48:53, 725.99s/it]Calculation 262.093000174

Constraints (3, 33)

Outages (89, 36)

Opening Lines 5.86599993706

Closing Lines 5.91100001335

Calculation 336.249000072

83%|████████▎ | 38/46 [7:33:29<1:35:28, 716.05s/it]Constraints (1, 33)

Outages (81, 36)

Opening Lines 5.8140001297

Closing Lines 5.79300022125

Calculation 302.058999777

85%|████████▍ | 39/46 [7:38:43<1:22:20, 705.73s/it]Constraints (1, 33)

Outages (93, 36)

Opening Lines 5.79600000381

Closing Lines 5.7990000248

87%|████████▋ | 40/46 [7:44:40<1:09:42, 697.02s/it]Calculation 345.582000017

Constraints (5, 33)

Outages (51, 36)

Opening Lines 5.78600001335

Closing Lines 5.8029999733

Calculation 199.837999821

89%|████████▉ | 41/46 [7:48:12<57:05, 685.17s/it] Constraints (1, 33)

Outages (70, 36)

Opening Lines 6.00500011444

Closing Lines 5.99499988556

Calculation 283.766000032

91%|█████████▏| 42/46 [7:53:07<45:03, 675.90s/it]Constraints (1, 33)

Outages (68, 36)

Opening Lines 5.992000103

Closing Lines 5.97200012207

Calculation 266.055999994

93%|█████████▎| 43/46 [7:57:46<33:19, 666.65s/it]Constraints (1, 33)

Outages (34, 36)

Opening Lines 5.96200013161

Closing Lines 5.98500013351

96%|█████████▌| 44/46 [8:00:12<21:49, 654.82s/it]Calculation 134.090999842

Constraints (1, 33)

Outages (31, 36)

Opening Lines 5.95899987221

Closing Lines 5.97799992561

98%|█████████▊| 45/46 [8:02:26<10:43, 643.25s/it]Calculation 122.319999933

Constraints (2, 33)

Outages (7, 36)

Opening Lines 5.99300003052

Closing Lines 6.02599978447

100%|██████████| 46/46 [8:03:06<00:00, 630.15s/it]

Calculation 28.4400000572

Loop Execution 28986.8690002

Done

Program execution 29229.135