Case Study – Energy and AI

**Case Janaúba**

Termination Status = OPTIMAL

OV = R$ 434,477.0725789199

Time = 38.24229431152344

Line built = [1.0, -0.0, -0.0, 1.0]

**Case whole year**

Termination Status = OPTIMAL

OV = R$ 438,006.01500694634

Time = 34.253000020980835

Line built = [1.0, -0.0, -0.0, 1.0]

|  |  |  |
| --- | --- | --- |
|  | All Year | SOM 12 clusters |
| Cost | R$ 438,006.01 | R$ 434,477.07 |
| Lines | Lines 1 and 4 | Lines 1 and 4 |
| Time | 34.25 seconds | 38.24 seconds |

Case Study Bruno – Energy and AI

**Case Janaúba**

Termination Status = OPTIMAL

OV = $ 1.3561122243545903e6 = $ 1,356,112.22

cost\_gen = $ 19,820.94

cost\_pns = $ 981,913.36

cost\_lines = $ 12,500.0

cost\_days = $ 341,877.90

Time = 548.38 seconds

Line built = [1.0, 1.0, -0.0, 1.0]

**Case whole year**

Termination Status = OPTIMAL

OV =

Time =

Line built =

|  |  |  |
| --- | --- | --- |
|  | All Year | SOM 12 clusters |
| Cost |  | $ 1,356,112.22 |
| Lines |  | Lines 1, 2 and 4 |
| Time |  | 548.38 seconds |