Replications: 1 Time Units: Hours

# **Key Performance Indicators**

All Entities	Average
Non-Value Added Cost	0
Other Cost	0
Transfer Cost	0
Value Added Cost	0
Wait Cost	0
Total Cost	0
All Resources	Average
Busy Cost	0
Idle Cost	0
Usage Cost	0
Total Cost	0

# **Unnamed Project**

Replications: 1 Time Units: Hours

# Entity

#### **Time**

**VA Time** 

VA Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00000009	0,000000000	0.0000006	0.0000011	
NVA Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Wait Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00000000	0,000000000	0.00	0.0000007	
Transfer Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Other Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Total Time	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00000009	0,000000000	0.00000006	0.00000017	
Cost					
VA Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
NVA Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Wait Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Other Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Transfer Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	

Replications: 1 Time Units: Hours

### **Entity**

#### Cost

Total Cost	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.00	0,000000000	0.00	0.00	
Other					
Number In	Value				
Fluxos de Dados	40001.00				
Number Out	Value				
Fluxos de Dados	40001.00				
WIP	Average	Half Width	Minimum Value	Maximum Value	
Fluxos de Dados	0.4060	(Insufficient)	0.00	4.0000	

Replications: 1 Time Units: Hours

#### **Process**

### **Time per Entity**

VA Time Per Entity	Average	Half Width	Minimum Value	Maximum Value	
CPU 1	0.00000002	0,00000000	0.00000001	0.00000003	
CPU 10	0.00000002	(Correlated)	0.0000001	0.00000003	
CPU 11	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 12	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 2	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 3	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 4	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 5	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 6	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 7	0.00000002	(Correlated)	0.0000001	0.00000003	
CPU 8	0.00000002	0,00000000	0.0000001	0.00000003	
CPU 9	0.00000002	0,000000000	0.0000001	0.00000003	
Wait Time Per Entity			Minimum	Maximum	
•	Average	Half Width	Value	Value	
CPU 1	Average 0.00000000	Half Width 0,000000000	Value 0.00	Value 0.00000005	
CPU 1	0.00000000	0,000000000	0.00	0.00000005	
CPU 1 CPU 10	0.00000000 0.00000000	0,000000000	0.00 0.00	0.00000005 0.00000001	
CPU 1 CPU 10 CPU 11	0.0000000 0.00000000 0.00000000	0,000000000 0,000000000 (Correlated)	0.00 0.00 0.00	0.00000005 0.00000001 0.00000001	
CPU 1 CPU 10 CPU 11 CPU 12	0.00000000 0.00000000 0.00000000 0.000000	0,000000000 0,000000000 (Correlated) 0,000000000	0.00 0.00 0.00 0.00	0.00000005 0.00000001 0.00000001 0.00000001	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2	0.0000000 0.00000000 0.0000000 0.0000000	0,00000000 0,000000000 (Correlated) 0,000000000 0,000000000	0.00 0.00 0.00 0.00 0.00	0.00000005 0.00000001 0.00000001 0.00000001 0.00000004	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3	0.00000000 0.00000000 0.00000000 0.000000	0,00000000 0,000000000 (Correlated) 0,00000000 0,000000000	0.00 0.00 0.00 0.00 0.00 0.00	0.00000005 0.00000001 0.00000001 0.00000001 0.00000004 0.00000007	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4	0.0000000 0.00000000 0.00000000 0.000000	0,00000000 0,000000000 (Correlated) 0,000000000 0,000000000 0,000000000	0.00 0.00 0.00 0.00 0.00 0.00	0.00000005 0.00000001 0.00000001 0.00000001 0.00000004 0.00000007 0.00000001	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5	0.00000000 0.00000000 0.00000000 0.000000	0,00000000 0,000000000 (Correlated) 0,00000000 0,00000000 0,00000000 0,000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00000005 0.00000001 0.00000001 0.00000004 0.00000007 0.00000001	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6	0.00000000 0.00000000 0.00000000 0.000000	0,00000000 0,000000000 (Correlated) 0,000000000 0,000000000 0,000000000 0,000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00000005 0.00000001 0.00000001 0.00000004 0.00000007 0.00000001 0.00000001	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6 CPU 7	0.00000000 0.00000000 0.00000000 0.00000000	0,00000000 0,000000000 (Correlated) 0,000000000 0,000000000 0,000000000 0,000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00000005 0.00000001 0.00000001 0.00000004 0.00000007 0.00000001 0.00000001 0.00000001	

Replications: 1 Time Units: Hours

#### **Process**

# **Time per Entity**

Total Time Per Entity	Average	Half Width	Minimum Value	Maximum Value	
CPU 1	0.00000002	0,000000000	0.00000001	0.00000007	
CPU 10	0.00000002	0,00000000	0.00000001	0.00000004	
CPU 11	0.00000002	0,00000000	0.00000001	0.00000004	
CPU 12	0.00000002	0,000000000	0.00000001	0.00000004	
CPU 2	0.00000002	0,000000000	0.00000001	0.00000007	
CPU 3	0.00000002	0,00000000	0.00000001	0.00000009	
CPU 4	0.00000002	0,00000000	0.00000001	0.00000004	
CPU 5	0.00000002	0,000000000	0.00000001	0.00000004	
CPU 6	0.00000002	0,000000000	0.00000001	0.00000004	
CPU 7	0.00000002	0,00000000	0.00000001	0.00000004	
CPU 8	0.00000002	0,000000000	0.00000001	0.00000004	
CPU 9	0.00000002	0,00000000	0.00000001	0.00000004	

### **Accumulated Time**

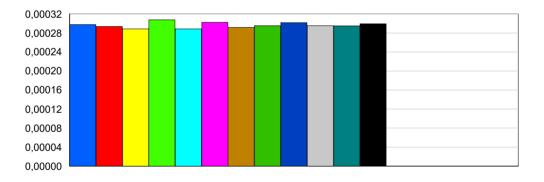
Replications: 1 Time Units: Hours

#### **Process**

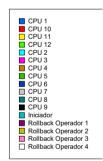
#### **Accumulated Time**

ïme

CPU 1	0.00029779
CPU 10	0.00029353
CPU 11	0.00028850
CPU 12	0.00030777
CPU 2	0.00028854
CPU 3	0.00030244
CPU 4	0.00029163
CPU 5	0.00029534
CPU 6	0.00030171
CPU 7	0.00029542
CPU 8	0.00029500
CPU 9	0.00029937
Iniciador	0.00
Rollback Operador 1	0.00
Rollback Operador 2	0.00
Rollback Operador 3	0.00
Rollback Operador 4	0.00



Value



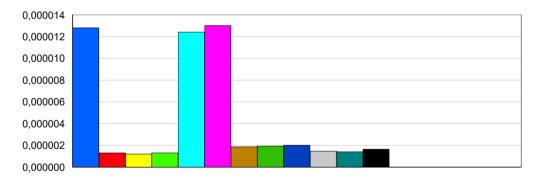
Replications: 1 Time Units: Hours

#### **Process**

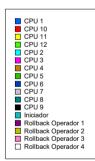
#### **Accumulated Time**

Accum		

CPU 1	0.00001282
CPU 10	0.00000130
CPU 11	0.00000121
CPU 12	0.00000130
CPU 2	0.00001243
CPU 3	0.00001303
CPU 4	0.00000186
CPU 5	0.00000192
CPU 6	0.00000201
CPU 7	0.00000146
CPU 8	0.00000141
CPU 9	0.00000164
Iniciador	0.00
Rollback Operador 1	0.00
Rollback Operador 2	0.00
Rollback Operador 3	0.00
Rollback Operador 4	0.00



Value



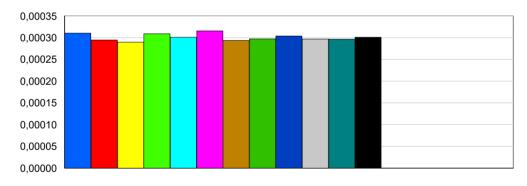
Replications: 1 Time Units: Hours

#### **Process**

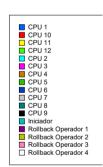
#### **Accumulated Time**

	Accum Time	

CPU 1	0.00031061
CPU 10	0.00029483
CPU 11	0.00028971
CPU 12	0.00030907
CPU 2	0.00030097
CPU 3	0.00031547
CPU 4	0.00029350
CPU 5	0.00029726
CPU 6	0.00030372
CPU 7	0.00029688
CPU 8	0.00029641
CPU 9	0.00030101
Iniciador	0.00
Rollback Operador 1	0.00
Rollback Operador 2	0.00
Rollback Operador 3	0.00
Rollback Operador 4	0.00



Value



# **Cost per Entity**

Replications: 1 Time Units: Hours

#### **Process**

### **Cost per Entity**

VA Cost Per Entity	Average	Half Width	Minimum Value	Maximum Value	
CPU 1	0.00	0,000000000	0.00	0.00	
CPU 10	0.00	0,000000000	0.00	0.00	
CPU 11	0.00	0,000000000	0.00	0.00	
CPU 12	0.00	0,000000000	0.00	0.00	
CPU 2	0.00	0,000000000	0.00	0.00	
CPU 3	0.00	0,000000000	0.00	0.00	
CPU 4	0.00	0,000000000	0.00	0.00	
CPU 5	0.00	0,000000000	0.00	0.00	
CPU 6	0.00	0,000000000	0.00	0.00	
CPU 7	0.00	0,000000000	0.00	0.00	
CPU 8	0.00	0,000000000	0.00	0.00	
CPU 9	0.00	0,000000000	0.00	0.00	
Wait Cost Per Entity	Average	Half Width	Minimum Value	Maximum Value	
•	Average 0.00	Half Width 0,00000000			
CPU 1			Value	Value	
•	0.00	0,000000000	Value 0.00	Value 0.00	
CPU 1 CPU 10	0.00	0,00000000 0,00000000	0.00 0.00	Value 0.00 0.00	
CPU 1 CPU 10 CPU 11	0.00 0.00 0.00	0,00000000 0,00000000 0,00000000	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	
CPU 1 CPU 10 CPU 11 CPU 12	0.00 0.00 0.00 0.00	0,000000000 0,000000000 0,00000000 0,000000	Value 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2	0.00 0.00 0.00 0.00 0.00	0,00000000 0,00000000 0,00000000 0,000000	Value 0.00 0.00 0.00 0.00 0.00 0.00	Value 0.00 0.00 0.00 0.00 0.00 0.00	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4	0.00 0.00 0.00 0.00 0.00 0.00	0,00000000 0,00000000 0,00000000 0,000000	Value 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5	0.00 0.00 0.00 0.00 0.00 0.00	0,00000000 0,00000000 0,00000000 0,000000	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Value  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0,00000000 0,00000000 0,00000000 0,00000000	Value 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Value  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
CPU 1 CPU 10 CPU 11 CPU 12 CPU 2 CPU 3 CPU 4 CPU 5 CPU 6	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0,00000000 0,00000000 0,00000000 0,00000000	Value  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Value  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	

Replications: 1 Time Units: Hours

#### **Process**

### **Cost per Entity**

Total Cost Per Entity	Average	Half Width	Minimum Value	Maximum Value
CPU 1	0.00	0,000000000	0.00	0.00
CPU 10	0.00	0,000000000	0.00	0.00
CPU 11	0.00	0,000000000	0.00	0.00
CPU 12	0.00	0,000000000	0.00	0.00
CPU 2	0.00	0,000000000	0.00	0.00
CPU 3	0.00	0,000000000	0.00	0.00
CPU 4	0.00	0,000000000	0.00	0.00
CPU 5	0.00	0,000000000	0.00	0.00
CPU 6	0.00	0,000000000	0.00	0.00
CPU 7	0.00	0,000000000	0.00	0.00
CPU 8	0.00	0,000000000	0.00	0.00
CPU 9	0.00	0,000000000	0.00	0.00

#### **Accumulated Cost**

#### Accum VA Cost

Accum va Cost	Value
CPU 1	0.00
CPU 10	0.00
CPU 11	0.00
CPU 12	0.00
CPU 2	0.00
CPU 3	0.00
CPU 4	0.00
CPU 5	0.00
CPU 6	0.00
CPU 7	0.00
CPU 8	0.00
CPU 9	0.00
Iniciador	0.00
Rollback Operador 1	0.00
Rollback Operador 2	0.00
Rollback Operador 3	0.00
Rollback Operador 4	0.00

Replications: 1 Time Units: Hours

#### **Process**

#### **Accumulated Cost**

Value
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
Value
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
_

#### **Other**

CPU 6

CPU 7

CPU 8

CPU 9

Iniciador

Rollback Operador 1

Rollback Operador 2

Rollback Operador 3

Rollback Operador 4

0.00

0.00

0.00

0.00

0.00

0.00

0.00

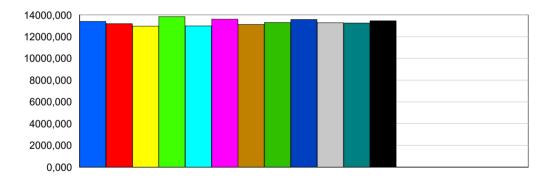
0.00

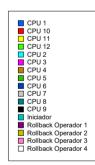
0.00

Replications: 1 Time Units: Hours

#### **Process**

Number In		
Nambor III	Value	
CPU 1	13399.00	
CPU 10	13192.00	
CPU 11	12958.00	
CPU 12	13851.00	
CPU 2	12986.00	
CPU 3	13616.00	
CPU 4	13123.00	
CPU 5	13305.00	
CPU 6	13573.00	
CPU 7	13280.00	
CPU 8	13262.00	
CPU 9	13459.00	
Iniciador	0.00	
Rollback Operador 1	0.00	
Rollback Operador 2	0.00	
Rollback Operador 3	0.00	
Rollback Operador 4	0.00	





Replications: 1 Time Units: Hours

#### **Process**

Number Out	
	Value
CPU 1	13399.00
CPU 10	13192.00
CPU 11	12958.00
CPU 12	13851.00
CPU 2	12986.00
CPU 3	13616.00
CPU 4	13123.00
CPU 5	13305.00
CPU 6	13573.00
CPU 7	13280.00
CPU 8	13262.00
CPU 9	13459.00
Iniciador	0.00
Rollback Operador 1	0.00
Rollback Operador 2	0.00
Rollback Operador 3	0.00
Rollback Operador 4	0.00
Collback Operador 4	0.00

Replications: 1 Time Units: Hours

#### Queue

#### **Time**

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
CPU 1.Queue	0.00000000	0,000000000	0.00	0.00000005
CPU 10.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 11.Queue	0.00000000	(Correlated)	0.00	0.0000001
CPU 12.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 2.Queue	0.00000000	0,000000000	0.00	0.00000004
CPU 3.Queue	0.00000000	0,000000000	0.00	0.00000007
CPU 4.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 5.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 6.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 7.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 8.Queue	0.00000000	0,000000000	0.00	0.0000001
CPU 9.Queue	0.00000000	0,000000000	0.00	0.00000002
Cost				

Waiting Cost	Average	Half Width	Minimum Value	Maximum Value	
CPU 1.Queue	0.00	0,000000000	0.00	0.00	
CPU 10.Queue	0.00	0,000000000	0.00	0.00	
CPU 11.Queue	0.00	0,000000000	0.00	0.00	
CPU 12.Queue	0.00	0,00000000	0.00	0.00	
CPU 2.Queue	0.00	0,00000000	0.00	0.00	
CPU 3.Queue	0.00	0,00000000	0.00	0.00	
CPU 4.Queue	0.00	0,00000000	0.00	0.00	
CPU 5.Queue	0.00	0,00000000	0.00	0.00	
CPU 6.Queue	0.00	0,00000000	0.00	0.00	
CPU 7.Queue	0.00	0,00000000	0.00	0.00	
CPU 8.Queue	0.00	0,00000000	0.00	0.00	
CPU 9.Queue	0.00	0,00000000	0.00	0.00	
041					

Replications: 1 Time Units: Hours

#### Queue

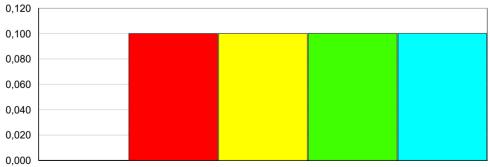
Number Waiting	Average	Half Width	Minimum Value	Maximum Value
CPU 1.Queue	0.00144178	(Insufficient)	0.00	2.0000
CPU 10.Queue	0.00014630	(Insufficient)	0.00	1.0000
CPU 11.Queue	0.00013559	(Insufficient)	0.00	1.0000
CPU 12.Queue	0.00014580	(Insufficient)	0.00	1.0000
CPU 2.Queue	0.00139788	(Insufficient)	0.00	2.0000
CPU 3.Queue	0.00146546	(Insufficient)	0.00	2.0000
CPU 4.Queue	0.00020971	(Insufficient)	0.00	1.0000
CPU 5.Queue	0.00021602	(Insufficient)	0.00	1.0000
CPU 6.Queue	0.00022667	(Insufficient)	0.00	1.0000
CPU 7.Queue	0.00016428	(Insufficient)	0.00	1.0000
CPU 8.Queue	0.00015812	(Insufficient)	0.00	1.0000
CPU 9.Queue	0.00018451	(Insufficient)	0.00	1.0000
Iniciador.Queue	0.00	(Insufficient)	0.00	0.00
Rollback Operador 1.Queue	0.00	(Insufficient)	0.00	0.00
Rollback Operador 2.Queue	0.00	(Insufficient)	0.00	0.00
Rollback Operador 3.Queue	0.00	(Insufficient)	0.00	0.00
Rollback Operador 4.Queue	0.00	(Insufficient)	0.00	0.00

Replications: 1 Time Units: Hours

#### Resource

### **Usage**

Instantaneous Utilization	Average	Half Width	Minimum Value	Maximum Value	
Máquina Iniciador	0.00	(Insufficient)	0.00	0.00	
Operador 1	0.1000	(Insufficient)	0.00	1.0000	
Operador 2	0.1000	(Insufficient)	0.00	1.0000	
Operador 3	0.1001	(Insufficient)	0.00	1.0000	
Operador 4	0.1001	(Insufficient)	0.00	1.0000	
Number Busy	Average	Half Width	Minimum Value	Maximum Value	
Máquina Iniciador	0.00	(Insufficient)	0.00	0.00	
Operador 1	0.1000	(Insufficient)	0.00	1.0000	
Operador 2	0.1000	(Insufficient)	0.00	1.0000	
Operador 3	0.1001	(Insufficient)	0.00	1.0000	
Operador 4	0.1001	(Insufficient)	0.00	1.0000	
Number Scheduled	Average	Half Width	Minimum Value	Maximum Value	
Máquina Iniciador	1.0000	(Insufficient)	1.0000	1.0000	
Operador 1	1.0000	(Insufficient)	1.0000	1.0000	
Operador 2	1.0000	(Insufficient)	1.0000	1.0000	
Operador 3	1.0000	(Insufficient)	1.0000	1.0000	
Operador 4	1.0000	(Insufficient)	1.0000	1.0000	
Scheduled Utilization	Value				
Máquina Iniciador	0.00				
Operador 1	0.1000				
Operador 2	0.1000				
Operador 3	0.1001				
Operador 4	0.1001				
0,120					



Máquina Iniciador
Operador 1
Operador 2
Operador 3
Operador 4

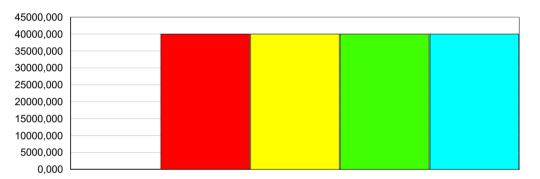
Replications: 1 Time Units: Hours

#### Resource

### **Usage**

#### **Total Number Seized**

Total Number Scized	Value
Máquina Iniciador	0.00
Operador 1	40001.00
Operador 2	40001.00
Operador 3	40001.00
Operador 4	40001.00



# Máquina Iniciador Operador 1 Operador 2 Operador 3 Operador 4

#### Cost

**Busy Cost** 

Busy Cost	Value	
Máquina Iniciador	0.00	
Operador 1	0.00	
Operador 2	0.00	
Operador 3	0.00	
Operador 4	0.00	
Idle Cost	Value	
Máquina Iniciador	0.00	
Operador 1	0.00	
Operador 2	0.00	
Operador 3	0.00	
Operador 4	0.00	
Usage Cost		
<u> </u>	Value	
Máquina Iniciador	0.00	
Operador 1	0.00	
Operador 2	0.00	
Operador 3	0.00	
Operador 4	0.00	

Replications: 1 Time Units: Hours

# **User Specified**

#### Counter

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, . \	unt

Count	Value
qtdeDescartados	0.00
qtdeNaoProcessados	0.00

#### **Time Persistent**

Variable	Average	Half Width	Minimum Value	Maximum Value	
tempoTotal	0.00444449	(Insufficient)	0.00	0.00888924	

Model Filename: C:\Users\mathe\Documents\simulation-cep\checkpoint\CEP\_NOVO