



NEOS Server Version 5.0
 Job# : 6179656
 Password : WcrDGaZz
 User : None
 Solver : milp:CPLEX:GAMS
 Start : 2018-07-25 17:09:46
 End : 2018-07-25 18:20:06
 Host : NEOS HTCondor Pool

Disclaimer:

This information is provided without any express or implied warranty. In particular, there is no warranty of any kind concerning the fitness of this information for any particular purpose.

Executed on prod-exec-5.neos-server.org
 GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 1
 General Algebraic Modeling System
 Compilation

COMPILATION TIME = 0.004 SECONDS 3 MB 24.9.2 r64480 LEX-LEG
 GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 2
 General Algebraic Modeling System
 Model Analysis SOLVE aero_model Using MIP From line 1212

**** 2430 Integer +INF Bounds have been reset to 100 (see Option IntVarUp)

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 3
 General Algebraic Modeling System
 Model Statistics SOLVE aero_model Using MIP From line 1212

LOOPS zz z1

MODEL STATISTICS

BLOCKS OF EQUATIONS	63	SINGLE EQUATIONS	590,344
BLOCKS OF VARIABLES	39	SINGLE VARIABLES	960,224
NON ZERO ELEMENTS	5,577,021	DISCRETE VARIABLES	2,459

GENERATION TIME = 157.614 SECONDS 1,073 MB 24.9.2 r64480 LEX-LEG

EXECUTION TIME = 159.402 SECONDS 1,073 MB 24.9.2 r64480 LEX-LEG
 L O O P S zz z1

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 4
 General Algebraic Modeling System
 Solution Report SOLVE aero_model Using MIP From line 1212

S O L V E S U M M A R Y

```

MODEL    aero_model      OBJECTIVE  objective
TYPE     MIP              DIRECTION  MAXIMIZE
SOLVER   CPLEX            FROM LINE  1212

```

```

**** SOLVER STATUS      1 Normal Completion
**** MODEL STATUS       8 Integer Solution
**** OBJECTIVE VALUE     -805020604.2246

```

```

RESOURCE USAGE, LIMIT      4048.876 1728000000.000
ITERATION COUNT, LIMIT    233637   9000000000

```

```

IBM ILOG CPLEX 24.9.2 r64480 Released Nov 14, 2017 LEG x86 64bit/Linux
--- GAMS/Cplex licensed for continuous and discrete problems.
Cplex 12.7.1.0

```

```

Space for names approximately 65.01 Mb
Use option 'names no' to turn use of names off
MIP status(102): integer optimal, tolerance
Cplex Time: 4039.65sec (det. 1545397.59 ticks)
Fixing integer variables, and solving final LP...
Fixed MIP status(1): optimal
Cplex Time: 6.67sec (det. 3892.05 ticks)
Solution satisfies tolerances.

```

```

MIP Solution:  -805020604.224579      (202708 iterations, 0 nodes)
Final Solve:   -805020604.224579      (30929 iterations)

```

```

Best possible: -772317475.534459
Absolute gap:   32703128.690120
Relative gap:    0.040624

```

```

**** REPORT SUMMARY :      0      NONOPT
                          0 INFEASIBLE
                          0 UNBOUNDED

```

```

GAMS 24.9.2 r64480 Released Nov 14, 2017 LEX-LEG x86 64bit/Linux 07/25/18 17:09:48 Page 5
General Algebraic Modeling System
Execution

```

```

---- 1214 VARIABLE results.L Results

```

```

z1 -8.05021E+8

```

```

---- 1215 VARIABLE Production.L Production at plant f of product p in day d

```

```

INDEX 1 = f1

```

	y1	y2	y3	y4	y5	y6
p2.t1	17.000	17.000	17.000	17.000	17.000	17.000
p2.t2	17.000	17.000	25.846	25.846	30.682	17.000
p2.t3	17.000	17.000	8.154	8.154	3.318	17.000
p2.t4	17.000	17.000	17.000	17.000	17.000	17.000
p2.t5	17.000	17.000	21.971	17.000	17.000	17.000
p2.t6	17.000	17.000	12.029	17.000	17.000	24.106
p2.t7	17.000	17.000	17.000	17.000	17.000	9.894
p2.t8	22.263	17.000	17.000	17.000	17.000	17.000
p2.t9	11.737	19.649	17.000	21.848	17.000	17.000
p2.t10	17.000	25.846	17.000	12.152	17.000	17.000
p2.t11	25.846	5.505	17.000	17.000	17.000	17.000
p2.t12	8.154	17.000	17.000	17.000	17.000	17.000
+	y7	y8	y9	y10	y11	y12
p2.t1	17.000	17.000	17.000	17.000	17.000	17.000
p2.t2	17.000	17.000	17.000	17.000	17.000	17.000
p2.t3	17.000	17.000	17.000	17.000	17.000	17.000
p2.t4	24.433	17.000	17.000	17.000	17.000	17.000
p2.t5	9.567	24.508	17.000	17.000	17.000	17.000
p2.t6	17.000	9.492	17.000	17.000	17.000	17.000
p2.t7	17.000	17.000	17.000	17.000	17.000	17.000
p2.t8	17.000	17.000	17.000	17.000	17.000	17.000
p2.t9	17.000	17.000	17.000	17.000	17.000	17.000
p2.t10	17.000	17.000	17.000	17.000	17.000	17.000

p2.t11	17.000	17.000	17.000	17.000	17.000	17.000
p2.t12	17.000	17.000	17.000	17.000	17.000	17.000

+	y13	y14	y15
p2.t1	17.000	17.000	17.000
p2.t2	17.000	17.000	17.000
p2.t3	17.000	17.000	17.000
p2.t4	17.000	17.000	17.000
p2.t5	17.000	17.000	17.000
p2.t6	17.000	17.000	17.000
p2.t7	17.000	17.000	17.000
p2.t8	17.000	17.000	17.000
p2.t9	17.000	17.000	17.000
p2.t10	17.000	17.000	17.000
p2.t11	17.000	17.000	17.000
p2.t12	17.000	17.000	17.000

---- 1215 VARIABLE Flow.L Flow of material m from l.origin to l.destination
in period t (in units)

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = rm2

		y1	y2	y3	y4
truck_out	.t4	65076.000			
truck_out	.t6		65076.000	46047.682	
truck_out	.t7			65076.000	
truck_out	.t9		75214.722	65076.000	
truck_out	.t10			65076.000	
truckCOOL_out	.t1				65076.000
truckCOOL_out	.t2			98939.077	
truckCOOL_out	.t8				65076.000
truckCOOL_out	.t10				46516.203
truckCOOL_out	.t12	31212.923			
truck_XL_out	.t1		65076.000		
truck_XL_out	.t3	65076.000			31212.923
truck_XL_out	.t5			84104.318	
truck_XL_out	.t6	65076.000			
truck_XL_out	.t7	65076.000			
truck_XL_out	.t8			65076.000	
truck_XL_out	.t11		21074.201		
truckCOOL_XL_out.t1				65076.000	
truckCOOL_XL_out.t3				31212.923	
truckCOOL_XL_out.t4				65076.000	
truckCOOL_XL_out.t5			65076.000		
truckCOOL_XL_out.t7			65076.000		
truckCOOL_XL_out.t8	85221.764				
truckCOOL_XL_out.t9					83635.797
truckCOOL_XL_out.t10			98939.077		
truckCOOL_XL_out.t11	98939.077				65076.000
truckCOOL_XL_out.t12			65076.000		

		+	y5	y6	y7	y8
truck_out	.t3				65076.000	
truck_out	.t4		65076.000	65076.000		
truck_out	.t10		65076.000			
truckCOOL_out	.t1			65076.000		
truckCOOL_out	.t2				65076.000	65076.000
truckCOOL_out	.t4					65076.000
truckCOOL_out	.t5			65076.000		
truckCOOL_out	.t6		65076.000	92278.459		
truckCOOL_out	.t10				65076.000	
truckCOOL_out	.t11					65076.000
truck_XL_out	.t2	117452.327				
truck_XL_out	.t7	65076.000				
truck_XL_out	.t8	65076.000			65076.000	
truck_XL_out	.t9			65076.000		
truck_XL_out	.t10			65076.000		
truckCOOL_XL_out.t1		65076.000				65076.000
truckCOOL_XL_out.t3				65076.000		
truckCOOL_XL_out.t4					93530.286	
truckCOOL_XL_out.t6					65076.000	
truckCOOL_XL_out.t9						65076.000
truckCOOL_XL_out.t10						65076.000
truckCOOL_XL_out.t11				65076.000		

	+	y9	y10	y11	y12
truck_XL_out	.t1	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t2	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t3	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t4	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t5	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t6	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t7	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t8	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t9	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t10	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t11	65076.000	65076.000	65076.000	65076.000
truck_XL_out	.t12	65076.000	65076.000	65076.000	65076.000

	+	y13	y14	y15
truck_XL_out	.t1	65076.000	65076.000	65076.000
truck_XL_out	.t2	65076.000	65076.000	65076.000
truck_XL_out	.t3	65076.000	65076.000	65076.000
truck_XL_out	.t4	65076.000	65076.000	65076.000
truck_XL_out	.t5	65076.000	65076.000	65076.000
truck_XL_out	.t6	65076.000	65076.000	65076.000
truck_XL_out	.t7	65076.000	65076.000	65076.000
truck_XL_out	.t8	65076.000	65076.000	65076.000
truck_XL_out	.t9	65076.000	65076.000	65076.000
truck_XL_out	.t10	65076.000	65076.000	65076.000
truck_XL_out	.t11	65076.000	65076.000	65076.000
truck_XL_out	.t12	65076.000	65076.000	65076.000

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = rm3

		y1	y2	y3	y4
truckCOOL_out	.t1		2856.000	2856.000	
truckCOOL_out	.t2		2856.000		
truckCOOL_out	.t3		2856.000		
truckCOOL_out	.t4		2856.000		
truckCOOL_out	.t6			2020.901	2856.000
truckCOOL_out	.t8				2856.000
truckCOOL_out	.t9				3670.537
truckCOOL_out	.t10			2856.000	2041.463
truckCOOL_XL_out	.t1	2856.000			
truckCOOL_XL_out	.t2			4342.154	4342.154
truckCOOL_XL_out	.t3			1369.846	1369.846
truckCOOL_XL_out	.t4	2856.000			2856.000
truckCOOL_XL_out	.t5		2856.000		
truckCOOL_XL_out	.t7			2856.000	
truckCOOL_XL_out	.t8		2856.000		
truckCOOL_XL_out	.t9	1971.860			
truckCOOL_XL_out	.t10		4342.154		
truckCOOL_XL_out	.t11			2856.000	2856.000
truckCOOL_XL_out	.t12		2856.000	2856.000	

	+	y5	y6	y7	y8
truckCOOL_out	.t1	2856.000			
truckCOOL_out	.t2			2856.000	2856.000
truckCOOL_out	.t3		2856.000	2856.000	
truckCOOL_out	.t4		2856.000		2856.000
truckCOOL_out	.t5			1607.223	
truckCOOL_out	.t6		4049.838		
truckCOOL_out	.t7				2856.000
truckCOOL_out	.t8		2856.000	2856.000	2856.000
truckCOOL_out	.t9				2856.000
truckCOOL_out	.t11				2856.000
truckCOOL_out	.t12		2856.000	2856.000	
truckCOOL_XL_out	.t2		2856.000		
truckCOOL_XL_out	.t3	557.352			2856.000
truckCOOL_XL_out	.t4	2856.000			
truckCOOL_XL_out	.t5				4117.370
truckCOOL_XL_out	.t6	2856.000			
truckCOOL_XL_out	.t9		2856.000		
truckCOOL_XL_out	.t10		2856.000		
truckCOOL_XL_out	.t11			2856.000	
truckCOOL_XL_out	.t12	2856.000			

	+	y9	y10	y11	y12
truckCOOL_XL_out.t1		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t2		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t3		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t4		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t5		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t6		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t7		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t8		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t9		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t10		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t11		2856.000	2856.000	2856.000	2856.000
truckCOOL_XL_out.t12		2856.000	2856.000	2856.000	2856.000

	+	y13	y14	y15
truckCOOL_XL_out.t1		2856.000	2856.000	2856.000
truckCOOL_XL_out.t2		2856.000	2856.000	2856.000
truckCOOL_XL_out.t3		2856.000	2856.000	2856.000
truckCOOL_XL_out.t4		2856.000	2856.000	2856.000
truckCOOL_XL_out.t5		2856.000	2856.000	2856.000
truckCOOL_XL_out.t6		2856.000	2856.000	2856.000
truckCOOL_XL_out.t7		2856.000	2856.000	2856.000
truckCOOL_XL_out.t8		2856.000	2856.000	2856.000
truckCOOL_XL_out.t9		2856.000	2856.000	2856.000
truckCOOL_XL_out.t10		2856.000	2856.000	2856.000
truckCOOL_XL_out.t11		2856.000	2856.000	2856.000
truckCOOL_XL_out.t12		2856.000	2856.000	2856.000

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = sp1

		y1	y2	y3	y4
truck_out.t1			10200.000		
truck_out.t6	10200.000			7217.505	10200.000
truck_out.t9				10200.000	
truck_out.t11			3303.166		
truckCOOL_out.t1	10200.000				
truckCOOL_out.t3				4892.308	4892.308
truckCOOL_out.t4					10200.000
truckCOOL_out.t12					10200.000
truck_XL_out.t1				10200.000	
truck_XL_out.t2				15507.692	15507.692
truck_XL_out.t3			10200.000		
truck_XL_out.t8	13357.643				
truck_XL_out.t11	15507.692				
truckCOOL_XL_out.t3	10200.000				
truckCOOL_XL_out.t5	10200.000				
truckCOOL_XL_out.t9					13109.059
truckCOOL_XL_out.t10			15507.692		

	+	y5	y6	y7	y8
truck_out.t1				10200.000	
truck_out.t3				10200.000	10200.000
truck_out.t7	10200.000				
truck_out.t9				10200.000	
truck_out.t10				10200.000	10200.000
truck_out.t11	10200.000				
truck_out.t12	10200.000				
truckCOOL_out.t8	10200.000				
truck_XL_out.t1					10200.000
truck_XL_out.t2			10200.000		
truck_XL_out.t3			10200.000		
truck_XL_out.t4			10200.000		10200.000
truck_XL_out.t8					10200.000
truck_XL_out.t11					10200.000
truckCOOL_XL_out.t1			10200.000		
truckCOOL_XL_out.t2				10200.000	
truckCOOL_XL_out.t5					14704.892
truckCOOL_XL_out.t9	10200.000				

	+	y9	y10	y11	y12
truck_XL_out.t1		10200.000	10200.000	10200.000	10200.000
truck_XL_out.t2		10200.000	10200.000	10200.000	10200.000
truck_XL_out.t3		10200.000	10200.000	10200.000	10200.000

truck_XL_out	.t4	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t5	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t6	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t7	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t8	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t9	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t10	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t11	10200.000	10200.000	10200.000	10200.000
truck_XL_out	.t12	10200.000	10200.000	10200.000	10200.000

+	y13	y14	y15
---	-----	-----	-----

truck_XL_out	.t1	10200.000	10200.000	10200.000
truck_XL_out	.t2	10200.000	10200.000	10200.000
truck_XL_out	.t3	10200.000	10200.000	10200.000
truck_XL_out	.t4	10200.000	10200.000	10200.000
truck_XL_out	.t5	10200.000	10200.000	10200.000
truck_XL_out	.t6	10200.000	10200.000	10200.000
truck_XL_out	.t7	10200.000	10200.000	10200.000
truck_XL_out	.t8	10200.000	10200.000	10200.000
truck_XL_out	.t9	10200.000	10200.000	10200.000
truck_XL_out	.t10	10200.000	10200.000	10200.000
truck_XL_out	.t11	10200.000	10200.000	10200.000
truck_XL_out	.t12	10200.000	10200.000	10200.000

INDEX 1 = i1 INDEX 2 = f1 INDEX 3 = sp2

y1	y2	y3	y4
----	----	----	----

truck_out	.t5	30600.000	30600.000
truck_out	.t6	30600.000	
truck_out	.t7		30600.000
truck_out	.t9	35367.424	
truck_out	.t10		21872.823
truck_out	.t11	9909.499	
truckCOOL_out	.t1	30600.000	30600.000
truckCOOL_out	.t4		30600.000
truckCOOL_out	.t6		21652.515
truckCOOL_out	.t7		30600.000
truckCOOL_out	.t8		30600.000
truckCOOL_out	.t11		30600.000
truck_XL_out	.t1	30600.000	
truck_XL_out	.t2		46523.077
truck_XL_out	.t4		30600.000
truck_XL_out	.t5	30600.000	
truck_XL_out	.t9		30600.000
truckCOOL_XL_out.t1		30600.000	
truckCOOL_XL_out.t4		30600.000	
truckCOOL_XL_out.t12			30600.000

+	y5	y6	y7	y8
---	----	----	----	----

truck_out	.t2	55228.367		30600.000
truck_out	.t5		30600.000	
truck_out	.t12			30600.000
truckCOOL_out	.t1		30600.000	
truckCOOL_out	.t2		30600.000	
truckCOOL_out	.t3		30600.000	
truckCOOL_out	.t5		17220.242	
truckCOOL_out	.t6			17085.323
truckCOOL_out	.t10	30600.000		
truck_XL_out	.t6	30600.000		
truck_XL_out	.t7		17808.875	30600.000
truck_XL_out	.t8			30600.000
truck_XL_out	.t9		30600.000	
truck_XL_out	.t11	30600.000		
truck_XL_out	.t12	30600.000		
truckCOOL_XL_out.t3				30600.000
truckCOOL_XL_out.t4				30600.000
truckCOOL_XL_out.t11		30600.000		30600.000

+	y9	y10	y11	y12
---	----	-----	-----	-----

truck_XL_out	.t1	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t2	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t3	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t4	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t5	30600.000	30600.000	30600.000	30600.000

truck_XL_out	.t6	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t7	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t8	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t9	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t10	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t11	30600.000	30600.000	30600.000	30600.000
truck_XL_out	.t12	30600.000	30600.000	30600.000	30600.000

+	y13	y14	y15
---	-----	-----	-----

truck_XL_out	.t1	30600.000	30600.000	30600.000
truck_XL_out	.t2	30600.000	30600.000	30600.000
truck_XL_out	.t3	30600.000	30600.000	30600.000
truck_XL_out	.t4	30600.000	30600.000	30600.000
truck_XL_out	.t5	30600.000	30600.000	30600.000
truck_XL_out	.t6	30600.000	30600.000	30600.000
truck_XL_out	.t7	30600.000	30600.000	30600.000
truck_XL_out	.t8	30600.000	30600.000	30600.000
truck_XL_out	.t9	30600.000	30600.000	30600.000
truck_XL_out	.t10	30600.000	30600.000	30600.000
truck_XL_out	.t11	30600.000	30600.000	30600.000
truck_XL_out	.t12	30600.000	30600.000	30600.000

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = rm2

y1	y2	y3	y4
----	----	----	----

truck_out	.t1	65076.000		
truck_out	.t10	65076.000		
truck_out	.t11		65076.000	
truckCOOL_out	.t2	65076.000		
truckCOOL_out	.t4			65076.000
truckCOOL_out	.t7			65076.000
truckCOOL_out	.t9	44930.236		
truckCOOL_out	.t12			65076.000
truck_XL_out	.t3		65076.000	
truckCOOL_XL_out.t2			65076.000	98939.077
truckCOOL_XL_out.t4			65076.000	
truckCOOL_XL_out.t5		65076.000		65076.000
truckCOOL_XL_out.t6				65076.000
truckCOOL_XL_out.t8			65076.000	
truckCOOL_XL_out.t12			65076.000	

+	y5	y6	y7	y8
---	----	----	----	----

truck_out	.t7		37873.541	65076.000	
truck_out	.t8		65076.000		65076.000
truck_out	.t11			65076.000	
truck_out	.t12	65076.000	65076.000		
truckCOOL_out	.t1			65076.000	
truckCOOL_out	.t3	12699.673			
truckCOOL_out	.t6				36334.787
truck_XL_out	.t2		65076.000		
truck_XL_out	.t3				65076.000
truck_XL_out	.t5	65076.000		36621.714	
truck_XL_out	.t7				65076.000
truck_XL_out	.t11	65076.000			
truck_XL_out	.t12				65076.000
truckCOOL_XL_out.t5					93817.213
truckCOOL_XL_out.t9		65076.000		65076.000	
truckCOOL_XL_out.t12				65076.000	

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = rm3

y1	y2	y3	y4
----	----	----	----

truckCOOL_out	.t4			2856.000	
truckCOOL_out	.t5	2856.000		3691.099	
truckCOOL_out	.t6	2856.000			
truckCOOL_out	.t7				2856.000
truckCOOL_out	.t8			2856.000	
truckCOOL_out	.t9			2856.000	
truckCOOL_out	.t11	4342.154	924.887		
truckCOOL_out	.t12				2856.000
truckCOOL_XL_out.t1					2856.000
truckCOOL_XL_out.t2		2856.000			
truckCOOL_XL_out.t3		2856.000			
truckCOOL_XL_out.t5					2856.000

truckCOOL_XL_out.t6		2856.000
truckCOOL_XL_out.t7	2856.000	2856.000
truckCOOL_XL_out.t8	3740.140	
truckCOOL_XL_out.t9		3300.960
truckCOOL_XL_out.t10	2856.000	
truckCOOL_XL_out.t12	1369.846	

+	y5	y6	y7	y8
---	----	----	----	----

truckCOOL_out .t1				2856.000
truckCOOL_out .t6				1594.630
truckCOOL_out .t7	2856.000		2856.000	
truckCOOL_out .t9			2856.000	
truckCOOL_XL_out.t1		2856.000	2856.000	
truckCOOL_XL_out.t2	5154.648			
truckCOOL_XL_out.t4			4104.777	
truckCOOL_XL_out.t5	2856.000	2856.000		
truckCOOL_XL_out.t6			2856.000	
truckCOOL_XL_out.t7		1662.162		
truckCOOL_XL_out.t8	2856.000			
truckCOOL_XL_out.t9	2856.000			
truckCOOL_XL_out.t10	2856.000		2856.000	2856.000
truckCOOL_XL_out.t11	2856.000	2856.000		
truckCOOL_XL_out.t12				2856.000

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = sp1

y1	y2	y3	y4
----	----	----	----

truck_out .t1				10200.000
truck_out .t5				10200.000
truck_out .t7				10200.000
truck_out .t8			10200.000	
truck_out .t11			10200.000	
truckCOOL_out .t4	10200.000			
truckCOOL_out .t5		10200.000	13182.495	
truckCOOL_out .t6		10200.000		
truckCOOL_out .t7		10200.000		
truckCOOL_out .t8		10200.000		
truckCOOL_out .t10	10200.000			
truckCOOL_out .t12			10200.000	
truck_XL_out .t2	10200.000	10200.000		
truck_XL_out .t4		10200.000	10200.000	
truck_XL_out .t7	10200.000			
truck_XL_out .t8				10200.000
truck_XL_out .t9	7042.357	11789.141		
truck_XL_out .t10			10200.000	7290.941
truck_XL_out .t11				10200.000
truckCOOL_XL_out.t7			10200.000	
truckCOOL_XL_out.t12	4892.308	10200.000		

+	y5	y6	y7	y8
---	----	----	----	----

truck_out .t1	10200.000			
truck_out .t4	10200.000			
truck_out .t6		14463.708		
truck_out .t7		5936.292		10200.000
truck_out .t8			10200.000	
truck_out .t9				10200.000
truckCOOL_out .t5	10200.000	10200.000		
truckCOOL_out .t6	10200.000			5695.108
truckCOOL_out .t7			10200.000	
truckCOOL_out .t8		10200.000		
truckCOOL_out .t9		10200.000		
truckCOOL_out .t11		10200.000	10200.000	
truckCOOL_out .t12			10200.000	
truck_XL_out .t2	18409.456			10200.000
truck_XL_out .t3	1990.544			
truck_XL_out .t5			5740.081	
truck_XL_out .t10	10200.000			
truck_XL_out .t12		10200.000		
truckCOOL_XL_out.t4			14659.919	
truckCOOL_XL_out.t6			10200.000	
truckCOOL_XL_out.t10		10200.000		
truckCOOL_XL_out.t12				10200.000

INDEX 1 = i3 INDEX 2 = f1 INDEX 3 = sp2

		y1	y2	y3	y4
truck_out	.t2			46523.077	
truck_out	.t7	30600.000	30600.000		
truck_out	.t8	40072.930			
truck_out	.t9	21127.070			
truck_out	.t10		46523.077		
truckCOOL_out	.t2		30600.000		
truckCOOL_out	.t3				14676.923
truckCOOL_out	.t6	30600.000			
truckCOOL_out	.t9				39327.177
truckCOOL_out	.t11	46523.077			
truckCOOL_out	.t12	14676.923	30600.000	30600.000	
truck_XL_out	.t2	30600.000			
truck_XL_out	.t3	30600.000			
truck_XL_out	.t10	30600.000			
truckCOOL_XL_out	.t3		30600.000	14676.923	
truckCOOL_XL_out	.t4	30600.000			
truckCOOL_XL_out	.t5			39547.485	
truckCOOL_XL_out	.t6				30600.000
truckCOOL_XL_out	.t8		30600.000		
truckCOOL_XL_out	.t10			30600.000	
truckCOOL_XL_out	.t11			30600.000	

		+	y5	y6	y7	y8
truck_out	.t1				30600.000	
truck_out	.t5					44114.677
truck_out	.t6				30600.000	
truck_out	.t9	30600.000	30600.000			
truck_out	.t12		30600.000			
truckCOOL_out	.t1	30600.000				30600.000
truckCOOL_out	.t4	30600.000				
truckCOOL_out	.t5	30600.000				
truckCOOL_out	.t8		30600.000	30600.000		
truckCOOL_out	.t10		30600.000			30600.000
truckCOOL_out	.t11			30600.000		
truck_XL_out	.t2			30600.000		
truck_XL_out	.t4		30600.000			
truck_XL_out	.t6		43391.125			
truck_XL_out	.t7	30600.000				30600.000
truck_XL_out	.t8	30600.000				
truck_XL_out	.t12			30600.000		
truckCOOL_XL_out	.t3	5971.633		30600.000		
truckCOOL_XL_out	.t4			43979.758		
truckCOOL_XL_out	.t9					30600.000
truckCOOL_XL_out	.t10			30600.000		

INDEX 1 = f1 INDEX 2 = portPT INDEX 3 = p2

		y1	y2	y3	y4
truck_XL_out	.t1	17.000	17.000	17.000	17.000
truck_XL_out	.t2	17.000	17.000	17.000	17.000
truck_XL_out	.t3	17.000	17.000	17.000	17.000
truck_XL_out	.t4	17.000	17.000	17.000	17.000
truck_XL_out	.t5	17.000	17.000	17.000	17.000
truck_XL_out	.t6	17.000	17.000	17.000	17.000
truck_XL_out	.t7	17.000	17.000	17.000	17.000
truck_XL_out	.t8	17.000	17.000	17.000	17.000
truck_XL_out	.t9	17.000	17.000	17.000	17.000
truck_XL_out	.t10	17.000	17.000	17.000	17.000
truck_XL_out	.t11	17.000	17.000	17.000	17.000
truck_XL_out	.t12	17.000	17.000	17.000	17.000

		+	y5	y6	y7	y8
truck_XL_own	.t1			17.000	17.000	
truck_XL_own	.t2			17.000	17.000	
truck_XL_own	.t3					17.000
truck_XL_own	.t4					17.000
truck_XL_own	.t5			17.000		17.000
truck_XL_own	.t7			17.000		
truck_XL_own	.t8					17.000
truck_XL_own	.t9				17.000	17.000
truck_XL_own	.t10			17.000		
truck_XL_own	.t11				17.000	17.000
truck_XL_own	.t12			17.000		17.000

truck_XL_out	.t1	17.000			
truck_XL_out	.t2	17.000			
truck_XL_out	.t3	17.000			
truck_XL_out	.t4	17.000			
truck_XL_out	.t5	17.000			
truck_XL_out	.t6	17.000			
truck_XL_out	.t7	17.000			
truck_XL_out	.t8	17.000			
truck_XL_out	.t9	17.000			
truck_XL_out	.t10	17.000			
truck_XL_out	.t11	17.000			
truck_XL_out	.t12	17.000			
truckCOOL_XL_own.t1				17.000	
truckCOOL_XL_own.t2				17.000	
truckCOOL_XL_own.t3		17.000	17.000		
truckCOOL_XL_own.t4		17.000	17.000		
truckCOOL_XL_own.t5			17.000		
truckCOOL_XL_own.t6		17.000	17.000		17.000
truckCOOL_XL_own.t7			17.000		17.000
truckCOOL_XL_own.t8		17.000	17.000		
truckCOOL_XL_own.t9		17.000			
truckCOOL_XL_own.t10			17.000		17.000
truckCOOL_XL_own.t11		17.000			
truckCOOL_XL_own.t12			17.000		

+ y9 y10 y11 y12

truck_XL_own	.t1	17.000	17.000	17.000	17.000
truck_XL_own	.t2	17.000	17.000	17.000	17.000
truck_XL_own	.t3	17.000	17.000	17.000	17.000
truck_XL_own	.t4	17.000	17.000	17.000	17.000
truck_XL_own	.t5	17.000	17.000	17.000	17.000
truck_XL_own	.t6	17.000	17.000	17.000	17.000
truck_XL_own	.t7	17.000	17.000	17.000	17.000
truck_XL_own	.t8	17.000	17.000	17.000	17.000
truck_XL_own	.t9	17.000	17.000	17.000	17.000
truck_XL_own	.t10	17.000	17.000	17.000	17.000
truck_XL_own	.t11	17.000	17.000	17.000	17.000
truck_XL_own	.t12	17.000	17.000	17.000	17.000

+ y13 y14 y15

truck_XL_own	.t1	17.000	17.000	17.000	
truck_XL_own	.t2	17.000	17.000	17.000	
truck_XL_own	.t3	17.000	17.000	17.000	
truck_XL_own	.t4	17.000	17.000	17.000	
truck_XL_own	.t5	17.000	17.000	17.000	
truck_XL_own	.t6	17.000	17.000	17.000	
truck_XL_own	.t7	17.000	17.000	17.000	
truck_XL_own	.t8	17.000	17.000	17.000	
truck_XL_own	.t9	17.000	17.000	17.000	
truck_XL_own	.t10	17.000	17.000	17.000	
truck_XL_own	.t11	17.000	17.000	17.000	
truck_XL_own	.t12	17.000	17.000	17.000	

INDEX 1 = airBR INDEX 2 = j1 INDEX 3 = p2

y1 y2 y5 y6

truck_XL_own	.t1		17.000		
truck_XL_own	.t4		17.000		
truck_XL_own	.t5			17.000	
truck_XL_own	.t8	17.000			
truckCOOL_XL_own.t6					17.000
truckCOOL_XL_own.t10				17.000	
truckCOOL_XL_own.t12	17.000				

+ y7 y8

truck_XL_own	.t8		17.000		
truckCOOL_XL_own.t11	17.000				

INDEX 1 = portPT INDEX 2 = portBR INDEX 3 = p2

y1 y2 y3 y4

boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000

boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y5 y6 y7 y8

boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y9 y10 y11 y12

boat	.t1	17.000	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000	17.000

+ y13 y14 y15

boat	.t1	17.000	17.000	17.000
boat	.t2	17.000	17.000	17.000
boat	.t3	17.000	17.000	17.000
boat	.t4	17.000	17.000	17.000
boat	.t5	17.000	17.000	17.000
boat	.t6	17.000	17.000	17.000
boat	.t7	17.000	17.000	17.000
boat	.t8	17.000	17.000	17.000
boat	.t9	17.000	17.000	17.000
boat	.t10	17.000	17.000	17.000
boat	.t11	17.000	17.000	17.000
boat	.t12	17.000	17.000	17.000

INDEX 1 = portBR INDEX 2 = j1 INDEX 3 = p2

y1 y2 y3 y4

truck_XL_own	.t2	17.000	17.000		17.000
truck_XL_own	.t3	17.000		17.000	17.000
truck_XL_own	.t4	17.000		17.000	
truck_XL_own	.t5	17.000	17.000	17.000	17.000
truck_XL_own	.t6	17.000		17.000	
truck_XL_own	.t7	17.000	17.000	17.000	17.000
truck_XL_own	.t8		17.000		17.000
truck_XL_own	.t9	17.000	17.000		17.000
truck_XL_own	.t10	17.000	17.000	17.000	
truck_XL_own	.t11	17.000	17.000	17.000	17.000
truck_XL_own	.t12		17.000	17.000	17.000
truckCOOL_XL_own.t1		17.000		17.000	17.000
truckCOOL_XL_own.t2				17.000	
truckCOOL_XL_own.t3			17.000		
truckCOOL_XL_own.t4					17.000
truckCOOL_XL_own.t6			17.000		17.000
truckCOOL_XL_own.t8				17.000	
truckCOOL_XL_own.t9				17.000	

truckCOOL_XL_own.t10 17.000

+ y5 y6 y7 y8

truck_XL_own	.t1	17.000	17.000	17.000	17.000
truck_XL_own	.t2	17.000	17.000	17.000	17.000
truck_XL_own	.t3	17.000		17.000	
truck_XL_own	.t4	17.000	17.000	17.000	17.000
truck_XL_own	.t5		17.000		17.000
truck_XL_own	.t6	17.000		17.000	17.000
truck_XL_own	.t7	17.000	17.000	17.000	
truck_XL_own	.t8		17.000	17.000	
truck_XL_own	.t9	17.000	17.000		17.000
truck_XL_own	.t10				17.000
truck_XL_own	.t11		17.000		17.000
truck_XL_own	.t12	17.000	17.000	17.000	17.000
truckCOOL_XL_own.t3			17.000		17.000
truckCOOL_XL_own.t5			17.000		
truckCOOL_XL_own.t7					17.000
truckCOOL_XL_own.t8	17.000				
truckCOOL_XL_own.t9			17.000		
truckCOOL_XL_own.t10		17.000	17.000		
truckCOOL_XL_own.t11	17.000				

+ y9 y10 y11 y12

truck_XL_own	.t1			17.000	17.000
truck_XL_own	.t2	17.000	17.000	17.000	17.000
truck_XL_own	.t3	17.000	17.000	17.000	
truck_XL_own	.t4	17.000	17.000		17.000
truck_XL_own	.t5		17.000	17.000	
truck_XL_own	.t6		17.000		17.000
truck_XL_own	.t7		17.000		17.000
truck_XL_own	.t8	17.000	17.000		17.000
truck_XL_own	.t9				17.000
truck_XL_own	.t10	17.000			
truck_XL_own	.t11	17.000	17.000		
truck_XL_own	.t12		17.000	17.000	17.000
truckCOOL_XL_own.t1	17.000	17.000			
truckCOOL_XL_own.t3					17.000
truckCOOL_XL_own.t4			17.000		
truckCOOL_XL_own.t5	17.000				17.000
truckCOOL_XL_own.t6	17.000		17.000		
truckCOOL_XL_own.t7	17.000		17.000		
truckCOOL_XL_own.t8			17.000		
truckCOOL_XL_own.t9	17.000	17.000	17.000		
truckCOOL_XL_own.t10		17.000	17.000		17.000
truckCOOL_XL_own.t11			17.000		17.000
truckCOOL_XL_own.t12	17.000				

+ y13 y14 y15

truck_XL_own	.t1		17.000	17.000
truck_XL_own	.t3	17.000	17.000	
truck_XL_own	.t4		17.000	17.000
truck_XL_own	.t5	17.000		
truck_XL_own	.t6		17.000	
truck_XL_own	.t7		17.000	
truck_XL_own	.t8			17.000
truck_XL_own	.t9		17.000	
truck_XL_own	.t10	17.000	17.000	
truck_XL_own	.t11	17.000		17.000
truck_XL_own	.t12	17.000	17.000	
truckCOOL_XL_own.t1	17.000			
truckCOOL_XL_own.t2	17.000	17.000	17.000	
truckCOOL_XL_own.t3			17.000	
truckCOOL_XL_own.t4	17.000			
truckCOOL_XL_own.t5		17.000	17.000	
truckCOOL_XL_own.t6	17.000		17.000	
truckCOOL_XL_own.t7	17.000		17.000	
truckCOOL_XL_own.t8	17.000	17.000		
truckCOOL_XL_own.t9	17.000		17.000	
truckCOOL_XL_own.t10			17.000	
truckCOOL_XL_own.t11		17.000		
truckCOOL_XL_own.t12			17.000	

INDEX 1 = portBR INDEX 2 = airBR INDEX 3 = p2

	y1	y2	y5	y6
truck_XL_own .t1		17.000		
truck_XL_own .t5			17.000	
truck_XL_own .t10			17.000	
truckCOOL_XL_own.t4		17.000		
truckCOOL_XL_own.t6				17.000
truckCOOL_XL_own.t8	17.000			
truckCOOL_XL_own.t12	17.000			

	+	y7	y8
truckCOOL_XL_own.t8			17.000
truckCOOL_XL_own.t11		17.000	

---- 1215 VARIABLE Forming.L Forming scenario s is active

p2 1.000

---- 1215 VARIABLE MatOrder.L Order quantity of material m from supplier i to plant f in day d (in units)

INDEX 1 = i1 INDEX 2 = f1

	y1	y2	y3	y4	y5	y6
rm2.t1		132.134	132.134	132.134	132.134	132.134
rm2.t2			200.892		238.482	
rm2.t3	132.134		63.376	63.376		132.134
rm2.t4	132.134		132.134		132.134	132.134
rm2.t5		132.134	170.770			132.134
rm2.t6	132.134	132.134	93.498		132.134	187.367
rm2.t7	132.134	132.134	132.134		132.134	
rm2.t8	173.039		132.134	132.134	132.134	
rm2.t9		152.720	132.134	169.819		132.134
rm2.t10		200.892	132.134	94.449	132.134	132.134
rm2.t11	200.892	42.790		132.134		132.134
rm2.t12	63.376	132.134				
rm3.t1	12.417	12.417	12.417		12.417	
rm3.t2		12.417	18.879	18.879		12.417
rm3.t3		12.417	5.956	5.956	2.423	12.417
rm3.t4	12.417	12.417		12.417	12.417	12.417
rm3.t5		12.417				
rm3.t6			8.787	12.417	12.417	17.608
rm3.t7			12.417			
rm3.t8		12.417		12.417		12.417
rm3.t9	8.573			15.959		12.417
rm3.t10		18.879	12.417	8.876		12.417
rm3.t11			12.417	12.417		
rm3.t12		12.417	12.417		12.417	12.417
sp1.t1	204.000	204.000	204.000			204.000
sp1.t2			310.154	310.154		204.000
sp1.t3	204.000	204.000	97.846	97.846		204.000
sp1.t4				204.000		204.000
sp1.t5	204.000					
sp1.t6	204.000		144.350	204.000		
sp1.t7					204.000	
sp1.t8	267.153				204.000	
sp1.t9			204.000	262.181	204.000	
sp1.t10		310.154				
sp1.t11	310.154	66.063			204.000	
sp1.t12				204.000	204.000	
sp2.t1	612.000	612.000	612.000	612.000		612.000
sp2.t2				930.462	1104.567	612.000
sp2.t3						612.000
sp2.t4		612.000	612.000	612.000		
sp2.t5	612.000	612.000		612.000		612.000
sp2.t6		612.000	433.050		612.000	
sp2.t7			612.000	612.000		356.177
sp2.t8			612.000	612.000		
sp2.t9		707.348	612.000			
sp2.t10				437.456	612.000	
sp2.t11		198.190		612.000	612.000	612.000
sp2.t12				612.000	612.000	

	+	y7	y8	y9	y10	y11	y12
--	---	----	----	----	-----	-----	-----

rm2.t1		132.134	132.134	132.134	132.134	132.134
rm2.t2	132.134	132.134	132.134	132.134	132.134	132.134
rm2.t3	132.134		132.134	132.134	132.134	132.134
rm2.t4	189.909	132.134	132.134	132.134	132.134	132.134
rm2.t5			132.134	132.134	132.134	132.134
rm2.t6	132.134		132.134	132.134	132.134	132.134
rm2.t7			132.134	132.134	132.134	132.134
rm2.t8	132.134		132.134	132.134	132.134	132.134
rm2.t9		132.134	132.134	132.134	132.134	132.134
rm2.t10	132.134	132.134	132.134	132.134	132.134	132.134
rm2.t11		132.134	132.134	132.134	132.134	132.134
rm2.t12			132.134	132.134	132.134	132.134
rm3.t1			12.417	12.417	12.417	12.417
rm3.t2	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t3	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t4		12.417	12.417	12.417	12.417	12.417
rm3.t5	6.988	17.902	12.417	12.417	12.417	12.417
rm3.t6			12.417	12.417	12.417	12.417
rm3.t7		12.417	12.417	12.417	12.417	12.417
rm3.t8	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t9		12.417	12.417	12.417	12.417	12.417
rm3.t10			12.417	12.417	12.417	12.417
rm3.t11	12.417	12.417	12.417	12.417	12.417	12.417
rm3.t12	12.417		12.417	12.417	12.417	12.417
sp1.t1	204.000	204.000	204.000	204.000	204.000	204.000
sp1.t2	204.000		204.000	204.000	204.000	204.000
sp1.t3	204.000	204.000	204.000	204.000	204.000	204.000
sp1.t4		204.000	204.000	204.000	204.000	204.000
sp1.t5		294.098	204.000	204.000	204.000	204.000
sp1.t6			204.000	204.000	204.000	204.000
sp1.t7			204.000	204.000	204.000	204.000
sp1.t8		204.000	204.000	204.000	204.000	204.000
sp1.t9	204.000		204.000	204.000	204.000	204.000
sp1.t10	204.000	204.000	204.000	204.000	204.000	204.000
sp1.t11		204.000	204.000	204.000	204.000	204.000
sp1.t12			204.000	204.000	204.000	204.000
sp2.t1			612.000	612.000	612.000	612.000
sp2.t2		612.000	612.000	612.000	612.000	612.000
sp2.t3		612.000	612.000	612.000	612.000	612.000
sp2.t4		612.000	612.000	612.000	612.000	612.000
sp2.t5	344.405		612.000	612.000	612.000	612.000
sp2.t6		341.706	612.000	612.000	612.000	612.000
sp2.t7	612.000		612.000	612.000	612.000	612.000
sp2.t8		612.000	612.000	612.000	612.000	612.000
sp2.t9	612.000		612.000	612.000	612.000	612.000
sp2.t10			612.000	612.000	612.000	612.000
sp2.t11		612.000	612.000	612.000	612.000	612.000
sp2.t12		612.000	612.000	612.000	612.000	612.000

+ y13 y14 y15

rm2.t1	132.134	132.134	132.134
rm2.t2	132.134	132.134	132.134
rm2.t3	132.134	132.134	132.134
rm2.t4	132.134	132.134	132.134
rm2.t5	132.134	132.134	132.134
rm2.t6	132.134	132.134	132.134
rm2.t7	132.134	132.134	132.134
rm2.t8	132.134	132.134	132.134
rm2.t9	132.134	132.134	132.134
rm2.t10	132.134	132.134	132.134
rm2.t11	132.134	132.134	132.134
rm2.t12	132.134	132.134	132.134
rm3.t1	12.417	12.417	12.417
rm3.t2	12.417	12.417	12.417
rm3.t3	12.417	12.417	12.417
rm3.t4	12.417	12.417	12.417
rm3.t5	12.417	12.417	12.417
rm3.t6	12.417	12.417	12.417
rm3.t7	12.417	12.417	12.417
rm3.t8	12.417	12.417	12.417
rm3.t9	12.417	12.417	12.417
rm3.t10	12.417	12.417	12.417
rm3.t11	12.417	12.417	12.417
rm3.t12	12.417	12.417	12.417
sp1.t1	204.000	204.000	204.000
sp1.t2	204.000	204.000	204.000

sp1.t3	204.000	204.000	204.000
sp1.t4	204.000	204.000	204.000
sp1.t5	204.000	204.000	204.000
sp1.t6	204.000	204.000	204.000
sp1.t7	204.000	204.000	204.000
sp1.t8	204.000	204.000	204.000
sp1.t9	204.000	204.000	204.000
sp1.t10	204.000	204.000	204.000
sp1.t11	204.000	204.000	204.000
sp1.t12	204.000	204.000	204.000
sp2.t1	612.000	612.000	612.000
sp2.t2	612.000	612.000	612.000
sp2.t3	612.000	612.000	612.000
sp2.t4	612.000	612.000	612.000
sp2.t5	612.000	612.000	612.000
sp2.t6	612.000	612.000	612.000
sp2.t7	612.000	612.000	612.000
sp2.t8	612.000	612.000	612.000
sp2.t9	612.000	612.000	612.000
sp2.t10	612.000	612.000	612.000
sp2.t11	612.000	612.000	612.000
sp2.t12	612.000	612.000	612.000

INDEX 1 = i3 INDEX 2 = f1

	y1	y2	y3	y4	y5	y6
rm2.t1	132.134					
rm2.t2	132.134	132.134		200.892		132.134
rm2.t3		132.134			25.786	
rm2.t4		132.134		132.134		
rm2.t5	132.134			132.134	132.134	
rm2.t6				132.134		
rm2.t7				132.134		76.901
rm2.t8		132.134				132.134
rm2.t9	91.229				132.134	
rm2.t10	132.134					
rm2.t11			132.134		132.134	
rm2.t12			132.134	132.134	132.134	132.134
rm3.t1				12.417		12.417
rm3.t2	12.417				22.412	
rm3.t3	12.417					
rm3.t4			12.417			
rm3.t5	12.417		16.048	12.417	12.417	12.417
rm3.t6	12.417	12.417				
rm3.t7	12.417	12.417		12.417	12.417	7.227
rm3.t8	16.261		12.417		12.417	
rm3.t9		14.352	12.417		12.417	
rm3.t10	12.417				12.417	
rm3.t11	18.879	4.021			12.417	12.417
rm3.t12	5.956			12.417		
sp1.t1				204.000	204.000	
sp1.t2	204.000	204.000			368.189	
sp1.t3					39.811	
sp1.t4	204.000	204.000	204.000		204.000	
sp1.t5		204.000	263.650	204.000	204.000	204.000
sp1.t6		204.000			204.000	289.274
sp1.t7	204.000	204.000	204.000	204.000		118.726
sp1.t8		204.000	204.000	204.000		204.000
sp1.t9	140.847	235.783				204.000
sp1.t10	204.000		204.000	145.819	204.000	204.000
sp1.t11			204.000	204.000		204.000
sp1.t12	97.846	204.000	204.000			204.000
sp2.t1					612.000	
sp2.t2	612.000	612.000	930.462			
sp2.t3	612.000	612.000	293.538	293.538	119.433	
sp2.t4	612.000				612.000	612.000
sp2.t5			790.950		612.000	
sp2.t6	612.000			612.000		867.823
sp2.t7	612.000	612.000			612.000	
sp2.t8	801.459	612.000			612.000	612.000
sp2.t9	422.541			786.544	612.000	612.000
sp2.t10	612.000	930.462	612.000			612.000
sp2.t11	930.462		612.000			
sp2.t12	293.538	612.000	612.000			612.000

+ y7 y8

rm2.t1	132.134	
rm2.t3		132.134
rm2.t5	74.359	190.492
rm2.t6		73.776
rm2.t7	132.134	132.134
rm2.t8		132.134
rm2.t9	132.134	
rm2.t11	132.134	
rm2.t12	132.134	132.134
rm3.t1	12.417	12.417
rm3.t4	17.847	
rm3.t6	12.417	6.933
rm3.t7	12.417	
rm3.t9	12.417	
rm3.t10	12.417	12.417
rm3.t12		12.417
sp1.t2		204.000
sp1.t4	293.198	
sp1.t5	114.802	
sp1.t6	204.000	113.902
sp1.t7	204.000	204.000
sp1.t8	204.000	
sp1.t9		204.000
sp1.t11	204.000	
sp1.t12	204.000	204.000
sp2.t1	612.000	612.000
sp2.t2	612.000	
sp2.t3	612.000	
sp2.t4	879.595	
sp2.t5		882.294
sp2.t6	612.000	
sp2.t7		612.000
sp2.t8	612.000	
sp2.t9		612.000
sp2.t10	612.000	612.000
sp2.t11	612.000	
sp2.t12	612.000	

---- 1215 VARIABLE StockLevel.L Amount of material m stored in facility w in day d

INDEX 1 = f1

	y1	y2	y3	y4	y5	y6
p2 .t2			8.846	8.846	13.682	
p2 .t5			4.971			
p2 .t6						7.106
p2 .t8	5.263					
p2 .t9		2.649		4.848		
p2 .t10		11.495				
p2 .t11	8.846					
+	y7	y8				
p2 .t4	7.433					
p2 .t5		7.508				

---- 1215 VARIABLE vFixedCapInvest.L Fixed capital investment of each investment gamma

fac 550000.000, equip 7.506514E+8, tru 80000.000

---- 1215 VARIABLE vCashFlow.L Cash Flow

y9 -2.17633E+7,	y10 -2.17633E+7,	y11 -2.17699E+7,	y12 -2.17699E+7
y13 -2.17699E+7,	y14 -2.17699E+7,	y15 -2.14674E+7	

---- 1215 VARIABLE HireResource.L Hire resource

	y1	y5
o2	1.000	
o4	1.000	

11 2.000 1.000

---- 1215 VARIABLE FireResource.L Fire resource

y6

11 1.000

---- 1215 VARIABLE Manuf_NrResource.L Number of resources to hire for line f
in period t

	y1	y2	y3	y4	y5	y6
o2	1.000	1.000	1.000	1.000	1.000	1.000
o4	1.000	1.000	1.000	1.000	1.000	1.000
l1	2.000	2.000	2.000	2.000	3.000	2.000

+	y7	y8	y9	y10	y11	y12
o2	1.000	1.000	1.000	1.000	1.000	1.000
o4	1.000	1.000	1.000	1.000	1.000	1.000
l1	2.000	2.000	2.000	2.000	2.000	2.000

+	y13	y14	y15
o2	1.000	1.000	1.000
o4	1.000	1.000	1.000
l1	2.000	2.000	2.000

---- 1215 VARIABLE NrTrips.L Number of trips with transportation mode trm be
tween entity lo and entity ld in time period (d
t)

INDEX 1 = truck_out INDEX 2 = i1

	y1	y2	y3	y4	y5
f1 .t1		0.408			
f1 .t2					2.209
f1 .t4	0.505				0.505
f1 .t5		1.224		1.224	
f1 .t6	0.408	1.729	0.646	0.408	
f1 .t7			0.505	1.224	0.408
f1 .t9		1.998	0.913		
f1 .t10			0.505	0.875	0.505
f1 .t11		0.529			0.408
f1 .t12					0.408

+	y6	y7	y8
f1 .t1		0.408	
f1 .t2			1.224
f1 .t3		0.913	0.408
f1 .t4	0.505		
f1 .t5	1.224		
f1 .t9		0.408	
f1 .t10		0.408	0.408
f1 .t12			1.224

INDEX 1 = truck_out INDEX 2 = i3

	y1	y2	y3	y4	y5
f1 .t1	0.505			0.408	0.408
f1 .t2			1.861		
f1 .t4					0.408
f1 .t5				0.408	
f1 .t7	1.224	1.224		0.408	
f1 .t8	1.603		0.408		
f1 .t9	0.845				1.224
f1 .t10	0.505	1.861			
f1 .t11			0.913		
f1 .t12					0.505

+	y6	y7	y8
---	----	----	----

f1	.t1		1.224	
f1	.t5			1.765
f1	.t6	0.579	1.224	
f1	.t7	0.531	0.505	0.408
f1	.t8	0.505	0.408	0.505
f1	.t9	1.224		0.408
f1	.t11		0.505	
f1	.t12	1.729		

INDEX 1 = truckCOOL_out INDEX 2 = i1

		y1	y2	y3	y4	y5
f1	.t1	1.632	0.114	0.114	1.729	0.114
f1	.t2		0.114	0.768		
f1	.t3		0.114	0.196	0.196	
f1	.t4		0.114	1.224	0.408	
f1	.t6			0.947	0.114	0.505
f1	.t7			1.224		
f1	.t8			1.224	1.843	0.408
f1	.t9				0.147	
f1	.t10			0.114	0.443	1.224
f1	.t11				1.224	
f1	.t12	0.242			0.408	

+

		y6	y7	y8
f1	.t1	1.729		
f1	.t2	1.224	0.619	0.619
f1	.t3	1.338	0.114	
f1	.t4	0.114		0.619
f1	.t5	0.505	0.753	
f1	.t6	0.878		0.683
f1	.t7			0.114
f1	.t8	0.114	0.114	0.114
f1	.t9			0.114
f1	.t10		0.505	
f1	.t11			0.619
f1	.t12	0.114	0.114	

INDEX 1 = truckCOOL_out INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t1					1.224
f1	.t2	0.505	1.224			
f1	.t3				0.587	0.099
f1	.t4	0.408		0.114	0.505	1.224
f1	.t5	0.114	0.408	0.675		1.632
f1	.t6	1.338	0.408			0.408
f1	.t7		0.408		0.619	0.114
f1	.t8		0.408	0.114		
f1	.t9	0.349		0.114	1.573	
f1	.t10	0.408				
f1	.t11	2.035	0.037			
f1	.t12	0.587	1.224	1.632	0.619	

+

		y6	y7	y8
f1	.t1		0.505	1.338
f1	.t5	0.408		
f1	.t6			0.574
f1	.t7		0.522	
f1	.t8	1.632	1.224	
f1	.t9	0.408	0.114	
f1	.t10	1.224		1.224
f1	.t11	0.408	1.632	
f1	.t12		0.408	

INDEX 1 = truck_XL_own INDEX 2 = f1

		y6	y7	y8	y9	y10
portPT.t1		4.250	4.250		4.250	4.250
portPT.t2		4.250	4.250		4.250	4.250
portPT.t3				4.250	4.250	4.250
portPT.t4				4.250	4.250	4.250

portPT.t5	4.250		4.250	4.250	4.250
portPT.t6				4.250	4.250
portPT.t7	4.250			4.250	4.250
portPT.t8			4.250	4.250	4.250
portPT.t9		4.250	4.250	4.250	4.250
portPT.t10	4.250			4.250	4.250
portPT.t11		4.250	4.250	4.250	4.250
portPT.t12	4.250		4.250	4.250	4.250

+ y11 y12 y13 y14 y15

portPT.t1	4.250	4.250	4.250	4.250	4.250
portPT.t2	4.250	4.250	4.250	4.250	4.250
portPT.t3	4.250	4.250	4.250	4.250	4.250
portPT.t4	4.250	4.250	4.250	4.250	4.250
portPT.t5	4.250	4.250	4.250	4.250	4.250
portPT.t6	4.250	4.250	4.250	4.250	4.250
portPT.t7	4.250	4.250	4.250	4.250	4.250
portPT.t8	4.250	4.250	4.250	4.250	4.250
portPT.t9	4.250	4.250	4.250	4.250	4.250
portPT.t10	4.250	4.250	4.250	4.250	4.250
portPT.t11	4.250	4.250	4.250	4.250	4.250
portPT.t12	4.250	4.250	4.250	4.250	4.250

INDEX 1 = truck_XL_own INDEX 2 = airBR

y1 y2 y5 y8

j1 .t1		4.250		
j1 .t4		4.250		
j1 .t5			4.250	
j1 .t8	4.250			4.250

INDEX 1 = truck_XL_own INDEX 2 = portBR

y1 y2 y3 y4 y5

j1 .t1					4.250
j1 .t2	4.250	4.250		4.250	4.250
j1 .t3	4.250		4.250	4.250	4.250
j1 .t4	4.250		4.250		4.250
j1 .t5	4.250	4.250	4.250	4.250	
j1 .t6	4.250		4.250		4.250
j1 .t7	4.250	4.250	4.250	4.250	4.250
j1 .t8		4.250		4.250	
j1 .t9	4.250	4.250		4.250	4.250
j1 .t10	4.250	4.250	4.250		
j1 .t11	4.250	4.250	4.250	4.250	
j1 .t12		4.250	4.250	4.250	4.250
airBR .t1		4.250			
airBR .t5					4.250
airBR .t10					4.250

+ y6 y7 y8 y9 y10

j1 .t1	4.250	4.250	4.250		
j1 .t2	4.250	4.250	4.250	4.250	4.250
j1 .t3		4.250		4.250	4.250
j1 .t4	4.250	4.250	4.250	4.250	4.250
j1 .t5	4.250		4.250		4.250
j1 .t6		4.250	4.250		4.250
j1 .t7	4.250	4.250			4.250
j1 .t8	4.250	4.250		4.250	4.250
j1 .t9	4.250		4.250		
j1 .t10			4.250	4.250	
j1 .t11	4.250		4.250	4.250	4.250
j1 .t12	4.250	4.250	4.250		4.250

+ y11 y12 y13 y14 y15

j1 .t1	4.250	4.250		4.250	4.250
j1 .t2	4.250	4.250			
j1 .t3	4.250		4.250	4.250	
j1 .t4		4.250		4.250	4.250
j1 .t5	4.250		4.250		
j1 .t6		4.250		4.250	
j1 .t7		4.250		4.250	
j1 .t8		4.250			4.250

j1	.t9		4.250		4.250	
j1	.t10			4.250	4.250	
j1	.t11			4.250		4.250
j1	.t12	4.250	4.250	4.250	4.250	

INDEX 1 = truck_XL_out INDEX 2 = i1

		y1	y2	y3	y4	y5
f1	.t1		1.081	0.255		
f1	.t2			0.388	1.551	0.570
f1	.t3	0.316	0.255		0.151	
f1	.t4				0.765	
f1	.t5	0.765		0.408		
f1	.t6	0.316				0.765
f1	.t7	0.316				0.316
f1	.t8	0.334		0.316		0.316
f1	.t9			0.765		
f1	.t11	0.388	0.102			0.765
f1	.t12					0.765

		+	y6	y7	y8	y9	y10
f1	.t1				0.255	1.336	1.336
f1	.t2		0.255			1.336	1.336
f1	.t3		0.255			1.336	1.336
f1	.t4		0.255		0.255	1.336	1.336
f1	.t5					1.336	1.336
f1	.t6					1.336	1.336
f1	.t7		0.445	0.765		1.336	1.336
f1	.t8			0.316	1.020	1.336	1.336
f1	.t9		0.316	0.765		1.336	1.336
f1	.t10		0.316			1.336	1.336
f1	.t11				0.255	1.336	1.336
f1	.t12					1.336	1.336

		+	y11	y12	y13	y14	y15
f1	.t1		1.336	1.336	1.336	1.336	1.336
f1	.t2		1.336	1.336	1.336	1.336	1.336
f1	.t3		1.336	1.336	1.336	1.336	1.336
f1	.t4		1.336	1.336	1.336	1.336	1.336
f1	.t5		1.336	1.336	1.336	1.336	1.336
f1	.t6		1.336	1.336	1.336	1.336	1.336
f1	.t7		1.336	1.336	1.336	1.336	1.336
f1	.t8		1.336	1.336	1.336	1.336	1.336
f1	.t9		1.336	1.336	1.336	1.336	1.336
f1	.t10		1.336	1.336	1.336	1.336	1.336
f1	.t11		1.336	1.336	1.336	1.336	1.336
f1	.t12		1.336	1.336	1.336	1.336	1.336

INDEX 1 = truck_XL_out INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t2	1.020	0.255			0.460
f1	.t3	0.765	0.316			0.050
f1	.t4		0.255	0.255		
f1	.t5					0.316
f1	.t7	0.255				0.765
f1	.t8				0.255	0.765
f1	.t9	0.176	0.295			
f1	.t10	0.765		0.255	0.182	0.255
f1	.t11				0.255	0.316

		+	y6	y7	y8
f1	.t2		0.316	0.765	0.255
f1	.t3				0.316
f1	.t4		0.765		
f1	.t5			0.321	
f1	.t6		1.085		
f1	.t7				1.081
f1	.t12		0.255	0.765	0.316

INDEX 1 = truck_XL_out INDEX 2 = f1

		y1	y2	y3	y4	y5
--	--	----	----	----	----	----

portPT.t1	4.250	4.250	4.250	4.250	4.250
portPT.t2	4.250	4.250	4.250	4.250	4.250
portPT.t3	4.250	4.250	4.250	4.250	4.250
portPT.t4	4.250	4.250	4.250	4.250	4.250
portPT.t5	4.250	4.250	4.250	4.250	4.250
portPT.t6	4.250	4.250	4.250	4.250	4.250
portPT.t7	4.250	4.250	4.250	4.250	4.250
portPT.t8	4.250	4.250	4.250	4.250	4.250
portPT.t9	4.250	4.250	4.250	4.250	4.250
portPT.t10	4.250	4.250	4.250	4.250	4.250
portPT.t11	4.250	4.250	4.250	4.250	4.250
portPT.t12	4.250	4.250	4.250	4.250	4.250

INDEX 1 = truckCOOL_XL_own INDEX 2 = f1

	y6	y7	y8
portPT.t1			4.250
portPT.t2			4.250
portPT.t3	4.250	4.250	
portPT.t4	4.250	4.250	
portPT.t5		4.250	
portPT.t6	4.250	4.250	4.250
portPT.t7		4.250	4.250
portPT.t8	4.250	4.250	
portPT.t9	4.250		
portPT.t10		4.250	4.250
portPT.t11	4.250		
portPT.t12		4.250	

INDEX 1 = truckCOOL_XL_own INDEX 2 = airBR

	y1	y5	y6	y7
j1 .t6			4.250	
j1 .t10		4.250		
j1 .t11				4.250
j1 .t12	4.250			

INDEX 1 = truckCOOL_XL_own INDEX 2 = portBR

	y1	y2	y3	y4	y5
j1 .t1	4.250		4.250	4.250	
j1 .t2			4.250		
j1 .t3		4.250			
j1 .t4				4.250	
j1 .t6		4.250		4.250	
j1 .t8			4.250		4.250
j1 .t9			4.250		
j1 .t10				4.250	
j1 .t11					4.250
airBR .t4		4.250			
airBR .t8	4.250				
airBR .t12	4.250				

	y6	y7	y8	y9	y10
j1 .t1				4.250	4.250
j1 .t3	4.250		4.250		
j1 .t5		4.250		4.250	
j1 .t6				4.250	
j1 .t7			4.250	4.250	
j1 .t9		4.250		4.250	4.250
j1 .t10	4.250	4.250			4.250
j1 .t12				4.250	
airBR .t6	4.250				
airBR .t8			4.250		
airBR .t11		4.250			

	y11	y12	y13	y14	y15
j1 .t1			4.250		
j1 .t2			4.250	4.250	4.250
j1 .t3		4.250			4.250
j1 .t4	4.250		4.250		
j1 .t5		4.250		4.250	4.250

j1	.t6	4.250		4.250	4.250
j1	.t7	4.250		4.250	4.250
j1	.t8	4.250		4.250	4.250
j1	.t9	4.250		4.250	4.250
j1	.t10	4.250	4.250		4.250
j1	.t11	4.250	4.250	4.250	
j1	.t12				4.250

INDEX 1 = truckCOOL_XL_out INDEX 2 = i1

		y1	y2	y3	y4	y5
f1	.t1	0.071		1.081		0.316
f1	.t2			0.109	0.109	
f1	.t3	0.255		0.186	0.034	0.014
f1	.t4	0.071	0.765	0.316	0.071	0.071
f1	.t5	0.255	0.387			
f1	.t6					0.071
f1	.t7		0.316	0.071		
f1	.t8	0.413	0.071			
f1	.t9	0.049			0.733	0.255
f1	.t10		0.976			
f1	.t11	0.480		0.071	0.387	
f1	.t12		0.387	0.071	0.765	0.071

		+ y6	y7	y8	y9	y10
f1	.t1	0.255		0.316	0.071	0.071
f1	.t2	0.071	0.255		0.071	0.071
f1	.t3	0.316		0.836	0.071	0.071
f1	.t4		0.454	0.765	0.071	0.071
f1	.t5			0.471	0.071	0.071
f1	.t6		0.316		0.071	0.071
f1	.t7				0.071	0.071
f1	.t8				0.071	0.071
f1	.t9	0.071		0.316	0.071	0.071
f1	.t10	0.071		0.316	0.071	0.071
f1	.t11	1.081	0.071	0.765	0.071	0.071
f1	.t12				0.071	0.071

		+ y11	y12	y13	y14	y15
f1	.t1	0.071	0.071	0.071	0.071	0.071
f1	.t2	0.071	0.071	0.071	0.071	0.071
f1	.t3	0.071	0.071	0.071	0.071	0.071
f1	.t4	0.071	0.071	0.071	0.071	0.071
f1	.t5	0.071	0.071	0.071	0.071	0.071
f1	.t6	0.071	0.071	0.071	0.071	0.071
f1	.t7	0.071	0.071	0.071	0.071	0.071
f1	.t8	0.071	0.071	0.071	0.071	0.071
f1	.t9	0.071	0.071	0.071	0.071	0.071
f1	.t10	0.071	0.071	0.071	0.071	0.071
f1	.t11	0.071	0.071	0.071	0.071	0.071
f1	.t12	0.071	0.071	0.071	0.071	0.071

INDEX 1 = truckCOOL_XL_out INDEX 2 = i3

		y1	y2	y3	y4	y5
f1	.t1				0.071	
f1	.t2	0.071	0.316		0.480	0.129
f1	.t3	0.071	0.765	0.367		0.149
f1	.t4	0.765	0.316			
f1	.t5	0.316		0.989	0.387	0.071
f1	.t6		0.071		1.081	
f1	.t7	0.071	0.071	0.255		
f1	.t8	0.094	1.081			0.071
f1	.t9		0.083			0.387
f1	.t10	0.071		0.765		0.071
f1	.t11			0.765		0.071
f1	.t12	0.157	0.255	0.316		

		+ y6	y7	y8
f1	.t1	0.071	0.071	
f1	.t3		0.765	
f1	.t4		1.569	
f1	.t5	0.071		0.455

f1	.t6		0.326	
f1	.t7	0.042		
f1	.t9		0.316	0.765
f1	.t10	0.255	0.836	0.071
f1	.t11	0.071		
f1	.t12		0.316	0.326

INDEX 1 = boat INDEX 2 = portPT

	y1	y2	y3	y4	y5
portBR.t1	0.213	0.213	0.213	0.213	0.213
portBR.t2	0.213	0.213	0.213	0.213	0.213
portBR.t3	0.213	0.213	0.213	0.213	0.213
portBR.t4	0.213	0.213	0.213	0.213	0.213
portBR.t5	0.213	0.213	0.213	0.213	0.213
portBR.t6	0.213	0.213	0.213	0.213	0.213
portBR.t7	0.213	0.213	0.213	0.213	0.213
portBR.t8	0.213	0.213	0.213	0.213	0.213
portBR.t9	0.213	0.213	0.213	0.213	0.213
portBR.t10	0.213	0.213	0.213	0.213	0.213
portBR.t11	0.213	0.213	0.213	0.213	0.213
portBR.t12	0.213	0.213	0.213	0.213	0.213

+	y6	y7	y8	y9	y10
portBR.t1	0.213	0.213	0.213	0.213	0.213
portBR.t2	0.213	0.213	0.213	0.213	0.213
portBR.t3	0.213	0.213	0.213	0.213	0.213
portBR.t4	0.213	0.213	0.213	0.213	0.213
portBR.t5	0.213	0.213	0.213	0.213	0.213
portBR.t6	0.213	0.213	0.213	0.213	0.213
portBR.t7	0.213	0.213	0.213	0.213	0.213
portBR.t8	0.213	0.213	0.213	0.213	0.213
portBR.t9	0.213	0.213	0.213	0.213	0.213
portBR.t10	0.213	0.213	0.213	0.213	0.213
portBR.t11	0.213	0.213	0.213	0.213	0.213
portBR.t12	0.213	0.213	0.213	0.213	0.213

+	y11	y12	y13	y14	y15
portBR.t1	0.213	0.213	0.213	0.213	0.213
portBR.t2	0.213	0.213	0.213	0.213	0.213
portBR.t3	0.213	0.213	0.213	0.213	0.213
portBR.t4	0.213	0.213	0.213	0.213	0.213
portBR.t5	0.213	0.213	0.213	0.213	0.213
portBR.t6	0.213	0.213	0.213	0.213	0.213
portBR.t7	0.213	0.213	0.213	0.213	0.213
portBR.t8	0.213	0.213	0.213	0.213	0.213
portBR.t9	0.213	0.213	0.213	0.213	0.213
portBR.t10	0.213	0.213	0.213	0.213	0.213
portBR.t11	0.213	0.213	0.213	0.213	0.213
portBR.t12	0.213	0.213	0.213	0.213	0.213

---- 1215 VARIABLE manuf_var_cost.L Variable costs of manufacturing

y1 1938094.475,	y2 1932528.093,	y3 1928583.669,	y4 1941164.569
y5 2539508.644,	y6 2051668.564,	y7 1938002.681,	y8 1941092.192
y9 1930383.669,	y10 1930383.669,	y11 1930383.669,	y12 1930383.669
y13 1930383.669,	y14 1930383.669,	y15 1930383.669	

---- 1215 VARIABLE transp_var_cost.L Variable costs of transportation

y1 2.418512E+7,	y2 2.415629E+7,	y3 2.448655E+7,	y4 2.459636E+7
y5 2.401017E+7,	y6 3.106740E+7,	y7 3.085405E+7,	y8 3.077601E+7
y9 2.917190E+7,	y10 2.917190E+7,	y11 2.917190E+7,	y12 2.917190E+7
y13 2.917190E+7,	y14 2.917190E+7,	y15 2.917190E+7	

---- 1215 VARIABLE store_var_cost.L Variable costs of storage

y1 1.410889E+7,	y2 1.414329E+7,	y3 1.381698E+7,	y4 1.369459E+7
y5 1.368243E+7,	y6 7106180.589,	y7 7433198.974,	y8 7508153.754

---- 1215 VARIABLE vNPV.L = -8.05021E+8 Expected Profit

**** REPORT FILE SUMMARY

result /var/lib/condor/execute/dir_3270389/result.put

EXECUTION TIME = 2.709 SECONDS 798 MB 24.9.2 r64480 LEX-LEG

USER: Small MUD - 5 User License G170411/0001AS-LNX
University of Wisconsin-Madison, Computer Sciences Dept. DC8499
License for teaching and research at degree granting institutions

**** FILE SUMMARY

Input /var/lib/condor/execute/dir_3270389/MODEL.gms
Output /var/lib/condor/execute/dir_3270389/solve.out

