

nnodes 73  
ngens 96  
nlines 117  
nloads 51  
T 24  
thetamax 100  
thetamin -100

lines

i	j	x	cap
0	1	0.014	175
0	2	0.211	175
0	4	0.085	175
1	3	0.127	175
1	5	0.192	175
2	8	0.119	175
2	23	0.084	400
3	8	0.104	175
4	9	0.088	175
5	9	0.061	175
6	7	0.061	175
6	26	0.161	175
7	8	0.165	175
7	9	0.165	175
8	10	0.084	400
8	11	0.084	400
9	10	0.084	400
9	11	0.084	400
10	13	0.042	500
11	12	0.048	500
11	22	0.097	500
12	22	0.087	500
12	38	0.075	500
13	15	0.059	350
14	15	0.017	500
14	20	0.049	500
14	20	0.049	500
14	23	0.052	500
15	16	0.026	500
15	18	0.023	500
16	17	0.014	500
16	21	0.105	500
17	20	0.026	500
17	20	0.026	500
18	19	0.04	500
18	19	0.04	500
19	22	0.022	500
19	22	0.022	500
20	21	0.068	500
22	40	0.074	500
24	25	0.014	175
24	26	0.211	175
24	28	0.085	175
25	27	0.127	175

25	29	0.192	175
26	32	0.119	175
26	47	0.084	400
27	32	0.104	175
28	33	0.088	175
29	33	0.061	175
30	31	0.061	175
31	32	0.165	175
31	33	0.165	175
32	34	0.084	400
32	35	0.084	400
33	34	0.084	400
33	35	0.084	400
34	37	0.042	500
35	36	0.048	500
35	46	0.097	500
36	46	0.087	500
37	39	0.059	350
38	39	0.017	500
38	44	0.049	500
38	44	0.049	500
38	47	0.052	500
39	40	0.026	500
39	42	0.023	500
40	41	0.014	500
40	45	0.105	500
41	44	0.026	500
41	44	0.026	500
42	43	0.04	500
42	43	0.04	500
43	46	0.022	500
43	46	0.022	500
44	45	0.068	500
48	49	0.014	175
48	50	0.211	175
48	52	0.085	175
49	51	0.127	175
49	53	0.192	175
50	56	0.119	175
50	71	0.084	510
51	56	0.104	175
52	57	0.088	175
53	57	0.061	175
54	55	0.061	175
55	56	0.165	175
55	57	0.165	175
56	58	0.084	400
56	59	0.084	400
57	58	0.084	400
57	59	0.084	400
58	61	0.042	500
59	60	0.048	500
59	70	0.097	500
60	70	0.087	500

61	63	0.059	350
62	63	0.017	500
62	68	0.049	500
62	68	0.049	500
62	71	0.052	500
63	64	0.026	500
63	66	0.023	500
64	65	0.014	500
64	69	0.105	500
65	68	0.026	500
65	68	0.026	500
66	67	0.04	500
66	67	0.04	500
67	70	0.022	500
67	70	0.022	500
68	69	0.068	500
72	20	0.097	500
65	46	0.104	500
70	72	0.009	722

loads

0	72.36	73.44	64.80	63.72	63.72	64.80	79.92	92.88	102.60	103.68
	103.68		102.60		102.60		102.60		100.44	101.52
	106.92		108.00		108.00		103.68		98.28	89.64
	68.04									
1	64.99	65.96	58.20	57.23	57.23	58.20	71.78	83.42	92.15	93.12
	92.15	92.15	92.15	90.21	91.18	96.03	97.00	97.00	93.12	88.27
	70.81	61.11								
2	120.60		122.40		108.00		106.20		106.20	108.00
	133.20		154.80		171.00		172.80		172.80	171.00
	171.00		171.00		167.40		169.20		178.20	180.00
	180.00		172.80		163.80		149.40		131.40	113.40
3	49.58	50.32	44.40	43.66	43.66	44.40	54.76	63.64	70.30	71.04
	70.30	70.30	70.30	68.82	69.56	73.26	74.00	74.00	71.04	67.34
	54.02	46.62								
4	47.57	48.28	42.60	41.89	41.89	42.60	52.54	61.06	67.45	68.16
	67.45	67.45	67.45	66.03	66.74	70.29	71.00	71.00	68.16	64.61
	51.83	44.73								
5	91.12	92.48	81.60	80.24	80.24	81.60	100.64		116.96	129.20
	130.56		130.56		129.20		129.20		129.20	126.48
	127.84		134.64		136.00		136.00		130.56	123.76
	112.88		99.28	85.68						
6	83.75	85.00	75.00	73.75	73.75	75.00	92.50	107.50		118.75
	120.00		120.00		118.75		118.75		118.75	116.25
	117.50		123.75		125.00		125.00		120.00	113.75
	103.75		91.25	78.75						
7	114.57		116.28		102.60		100.89		100.89	102.60
	126.54		147.06		162.45		164.16		164.16	162.45
	162.45		162.45		159.03		160.74		169.29	171.00
	171.00		164.16		155.61		141.93		124.83	107.73
8	117.25		119.00		105.00		103.25		103.25	105.00
	129.50		150.50		166.25		168.00		168.00	166.25
	166.25		166.25		162.75		164.50		173.25	175.00
	175.00		168.00		159.25		145.25		127.75	110.25

9	130.65	132.60	117.00	115.05	115.05	117.00
	144.30	167.70	185.25	187.20	187.20	185.25
	185.25	185.25	181.35	183.30	193.05	195.00
	195.00	187.20	177.45	161.85	142.35	122.85
12	499.15	506.60	447.00	439.55	439.55	447.00
	551.30	640.70	707.75	715.20	715.20	707.75
	707.75	707.75	692.85	700.30	737.55	745.00
	745.00	715.20	677.95	618.35	543.85	469.35
13	53.89	54.70	48.26	47.46	47.46	48.26
	59.52	69.18	76.42	77.22	77.22	76.42
	76.42	76.42	76.42	74.81	75.61	79.63
	80.44	80.44	77.22	73.20	66.76	58.72
	50.68					
14	88.06	89.38	78.86	77.55	77.55	78.86
	97.26	113.04	124.87			
	126.18	126.18	124.87	124.87	124.87	122.24
	123.55	130.12	131.44	131.44	126.18	119.61
	109.09	95.95	82.81			
15	67.00	68.00	60.00	59.00	59.00	60.00
	60.00	74.00	86.00	95.00	96.00	96.00
	95.00	95.00	95.00	93.00	94.00	99.00
	100.00	100.00	96.00			
	91.00	83.00	73.00	63.00		
17	223.11	226.44	199.80	196.47	196.47	199.80
	246.42	286.38	316.35	319.68	319.68	316.35
	316.35	316.35	309.69	313.02	329.67	333.00
	333.00	319.68	303.03	276.39	243.09	209.79
18	50.28	51.03	45.03	44.28	44.28	45.03
	55.54	64.54	71.30	72.05	72.05	71.30
	71.30	71.30	71.30	69.80	70.55	74.30
	75.05	75.05	72.05	68.29	62.29	54.79
	47.28					
19	35.56	36.09	31.84	31.31	31.31	31.84
	39.27	45.64	50.42	50.95	50.95	50.42
	50.42	50.42	50.42	49.36	49.89	52.54
	53.07	53.07	50.95	48.30	44.05	38.74
	33.44					
24	72.36	73.44	64.80	63.72	63.72	64.80
	79.92	92.88	102.60	103.68		
	103.68	102.60	102.60	102.60	100.44	101.52
	106.92	108.00	108.00	103.68	98.28	89.64
	78.84					
25	64.99	65.96	58.20	57.23	57.23	58.20
	71.78	83.42	92.15	93.12	93.12	92.15
	92.15	92.15	92.15	90.21	91.18	96.03
	97.00	97.00	93.12	88.27	80.51	70.81
	61.11					
26	120.60	122.40	108.00	106.20	106.20	108.00
	133.20	154.80	171.00	172.80	172.80	171.00
	171.00	171.00	167.40	169.20	178.20	180.00
	180.00	172.80	163.80	149.40	131.40	113.40
27	49.58	50.32	44.40	43.66	43.66	44.40
	54.76	63.64	70.30	71.04	71.04	70.30
	70.30	70.30	70.30	68.82	69.56	73.26
	74.00	74.00	71.04	67.34	61.42	54.02
	46.62					
28	47.57	48.28	42.60	41.89	41.89	42.60
	52.54	61.06	67.45	68.16	68.16	67.45
	67.45	67.45	67.45	66.03	66.74	70.29
	71.00	71.00	68.16	64.61	58.93	51.83
	44.73					
29	91.12	92.48	81.60	80.24	80.24	81.60
	100.64	116.96	129.20	129.20	129.20	126.48
	130.56	130.56	129.20	129.20	129.20	126.48
	127.84	134.64	136.00	136.00	130.56	123.76
	112.88	99.28	85.68			
30	83.75	85.00	75.00	73.75	73.75	75.00
	92.50	107.50	118.75			
	120.00	120.00	118.75	118.75	118.75	116.25
	117.50	123.75	125.00	125.00	120.00	113.75
	103.75	91.25	78.75			

31	114.57	116.28	102.60	100.89	100.89	102.60
	126.54	147.06	162.45	164.16	164.16	162.45
	162.45	162.45	159.03	160.74	169.29	171.00
	171.00	164.16	155.61	141.93	124.83	107.73
32	117.25	119.00	105.00	103.25	103.25	105.00
	129.50	150.50	166.25	168.00	168.00	166.25
	166.25	166.25	162.75	164.50	173.25	175.00
	175.00	168.00	159.25	145.25	127.75	110.25
33	130.65	132.60	117.00	115.05	115.05	117.00
	144.30	167.70	185.25	187.20	187.20	185.25
	185.25	185.25	181.35	183.30	193.05	195.00
	195.00	187.20	177.45	161.85	142.35	122.85
36	499.15	506.60	447.00	439.55	439.55	447.00
	551.30	640.70	707.75	715.20	715.20	707.75
	707.75	707.75	692.85	700.30	737.55	745.00
	745.00	715.20	677.95	618.35	543.85	469.35
37	53.89	54.70	48.26	47.46	47.46	48.26
	59.52	69.18	76.42	77.22	77.22	76.42
	76.42	76.42	76.42	74.81	75.61	79.63
	80.44	80.44	77.22	73.20	66.76	58.72
	50.68					
38	88.06	89.38	78.86	77.55	77.55	78.86
	97.26	113.04	124.87			
	126.18	126.18	124.87	124.87	124.87	122.24
	123.55	130.12	131.44	131.44	126.18	119.61
	109.09	95.95	82.81			
39	67.00	68.00	60.00	59.00	59.00	60.00
	74.00	86.00	95.00	96.00	96.00	95.00
	95.00	95.00	93.00	94.00	99.00	100.00
	100.00	100.00	96.00			
	91.00	83.00	73.00	63.00		
41	223.11	226.44	199.80	196.47	196.47	199.80
	246.42	286.38	316.35	319.68	319.68	316.35
	316.35	316.35	309.69	313.02	329.67	333.00
	333.00	319.68	303.03	276.39	243.09	209.79
42	50.28	51.03	45.03	44.28	44.28	45.03
	55.54	64.54	71.30	72.05	72.05	71.30
	71.30	71.30	71.30	69.80	70.55	74.30
	75.05	75.05	72.05	68.29	62.29	54.79
	47.28					
43	35.56	36.09	31.84	31.31	31.31	31.84
	39.27	45.64	50.42	50.95	50.95	50.42
	50.42	50.42	50.42	49.36	49.89	52.54
	53.07	53.07	50.95	48.30	44.05	38.74
	33.44					
48	72.36	73.44	64.80	63.72	63.72	64.80
	79.92	92.88	102.60	103.68		
	103.68	102.60	102.60	102.60	100.44	101.52
	106.92	108.00	108.00	103.68	98.28	89.64
	78.84					
	68.04					
49	64.99	65.96	58.20	57.23	57.23	58.20
	71.78	83.42	92.15	93.12	93.12	92.15
	92.15	92.15	92.15	90.21	91.18	96.03
	97.00	97.00	93.12	88.27	80.51	70.81
	61.11					
50	120.60	122.40	108.00	106.20	106.20	108.00
	133.20	154.80	171.00	172.80	172.80	171.00
	171.00	171.00	167.40	169.20	178.20	180.00
	180.00	172.80	163.80	149.40	131.40	113.40
51	49.58	50.32	44.40	43.66	43.66	44.40
	54.76	63.64	70.30	71.04	71.04	70.30
	70.30	70.30	70.30	68.82	69.56	73.26
	74.00	74.00	71.04	67.34	61.42	54.02
	46.62					
52	47.57	48.28	42.60	41.89	41.89	42.60
	52.54	61.06	67.45	68.16	68.16	67.45
	67.45	67.45	67.45	66.03	66.74	70.29
	71.00	71.00	68.16	64.61	58.93	51.83
	44.73					

53	91.12	92.48	81.60	80.24	80.24	81.60	100.64		116.96		129.20
	130.56		130.56		129.20		129.20		129.20		126.48
	127.84		134.64		136.00		136.00		130.56		123.76
	112.88		99.28	85.68							
54	83.75	85.00	75.00	73.75	73.75	75.00	92.50	107.50		118.75	
	120.00		120.00		118.75		118.75		118.75		116.25
	117.50		123.75		125.00		125.00		120.00		113.75
	103.75		91.25	78.75							
55	114.57		116.28		102.60		100.89		100.89		102.60
	126.54		147.06		162.45		164.16		164.16		162.45
	162.45		162.45		159.03		160.74		169.29		171.00
	171.00		164.16		155.61		141.93		124.83		107.73
56	117.25		119.00		105.00		103.25		103.25		105.00
	129.50		150.50		166.25		168.00		168.00		166.25
	166.25		166.25		162.75		164.50		173.25		175.00
	175.00		168.00		159.25		145.25		127.75		110.25
57	130.65		132.60		117.00		115.05		115.05		117.00
	144.30		167.70		185.25		187.20		187.20		185.25
	185.25		185.25		181.35		183.30		193.05		195.00
	195.00		187.20		177.45		161.85		142.35		122.85
60	499.15		506.60		447.00		439.55		439.55		447.00
	551.30		640.70		707.75		715.20		715.20		707.75
	707.75		707.75		692.85		700.30		737.55		745.00
	745.00		715.20		677.95		618.35		543.85		469.35
61	53.89	54.70	48.26	47.46	47.46	48.26	59.52	69.18	76.42	77.22	77.22
	76.42	76.42	76.42	74.81	75.61	79.63	80.44	80.44	77.22	73.20	66.76
	58.72	50.68									
62	88.06	89.38	78.86	77.55	77.55	78.86	97.26	113.04		124.87	
	126.18		126.18		124.87		124.87		124.87		122.24
	123.55		130.12		131.44		131.44		126.18		119.61
	109.09		95.95	82.81							
63	67.00	68.00	60.00	59.00	59.00	60.00	74.00	86.00	95.00	96.00	96.00
	95.00	95.00	95.00	93.00	94.00	99.00	100.00		100.00		96.00
	91.00	83.00	73.00	63.00							
65	223.11		226.44		199.80		196.47		196.47		199.80
	246.42		286.38		316.35		319.68		319.68		316.35
	316.35		316.35		309.69		313.02		329.67		333.00
	333.00		319.68		303.03		276.39		243.09		209.79
66	50.28	51.03	45.03	44.28	44.28	45.03	55.54	64.54	71.30	72.05	72.05
	71.30	71.30	71.30	69.80	70.55	74.30	75.05	75.05	72.05	68.29	62.29
	54.79	47.28									
67	35.56	36.09	31.84	31.31	31.31	31.84	39.27	45.64	50.42	50.95	50.95
	50.42	50.42	50.42	49.36	49.89	52.54	53.07	53.07	50.95	48.30	44.05
	38.74	33.44									

gens

n	Pmax	pmin	prod	suc	sdc	mr	mr	sur	sdr	mu	md
0	20	15	224	76	0	20	20	10	10	1	1
0	20	15	224	76	0	20	20	10	10	1	1
0	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
0	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
1	20	15	224	76	0	20	20	10	10	1	1
1	20	15	224	76	0	20	20	10	10	1	1



45	50	0	0	0	0	50	50	50	50	1	1
46	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
46	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
46	350	122.5	16	7953	0	105	105	105	105	12	12
48	20	15	224	76	0	20	20	10	10	1	1
48	20	15	224	76	0	20	20	10	10	1	1
48	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
48	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
49	20	15	224	76	0	20	20	10	10	1	1
49	20	15	224	76	0	20	20	10	10	1	1
49	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
49	76	7.6	21	1061	0	22.8	22.8	22.8	22.8	8	4
54	100	15	79	4754	0	50	50	40	40	8	8
54	100	15	79	4754	0	50	50	40	40	8	8
54	100	15	79	4754	0	50	50	40	40	8	8
60	197	59.1	77	6510	0	50	50	50	50	12	10
60	197	59.1	77	6510	0	50	50	50	50	12	10
60	197	59.1	77	6510	0	50	50	50	50	12	10
62	12	0	98	571	0	12	12	12	12	4	2
62	12	0	98	571	0	12	12	12	12	4	2
62	12	0	98	571	0	12	12	12	12	4	2
62	12	0	98	571	0	12	12	12	12	4	2
62	12	0	98	571	0	12	12	12	12	4	2
62	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
63	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
65	400	40	6	5000	0	400	400	400	400	1	1
68	400	40	6	5000	0	400	400	400	400	1	1
69	50	0	0	0	0	50	50	50	50	1	1
69	50	0	0	0	0	50	50	50	50	1	1
69	50	0	0	0	0	50	50	50	50	1	1
69	50	0	0	0	0	50	50	50	50	1	1
69	50	0	0	0	0	50	50	50	50	1	1
69	50	0	0	0	0	50	50	50	50	1	1
70	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
70	155	46.5	16	1696	0	46.5	46.5	46.5	46.5	8	8
70	350	122.5	16	7953	0	105	105	105	105	12	12