



## Appendix B.2 Empire Asbury Plant Modeling Files

SO BUILDWID EP7	65.60	48.00	67.98	66.07	62.16	56.36
SO BUILDWID EP7	48.84	43.11	39.37	39.76	44.01	52.42
SO BUILDWID EP7	59.22	64.23	67.29	68.30	67.24	64.14
SO BUILDWID EP7	65.60	48.00	67.98	66.07	62.16	56.36
SO BUILDWID EP7	48.84	43.11	39.37	39.76	44.01	52.42
SO BUILDWID EP7	59.22	64.23	67.29	68.30	67.24	64.14
SO BUILDLEN EP7	39.76	26.76	52.42	59.22	64.23	67.29
SO BUILDLEN EP7	68.30	33.12	28.36	31.43	67.82	67.98
SO BUILDLEN EP7	66.07	62.16	56.36	48.84	43.11	39.37
SO BUILDLEN EP7	39.76	26.76	52.42	59.22	64.23	67.29
SO BUILDLEN EP7	68.30	33.12	28.36	31.43	67.82	67.98
SO BUILDLEN EP7	66.07	62.16	56.36	48.84	43.11	39.37
SO XBADJ EP7	-34.80	-30.63	-59.51	-69.32	-77.03	-82.40
SO XBADJ EP7	-85.27	-85.54	-83.22	-83.03	-82.23	-78.92
SO XBADJ EP7	-73.22	-65.30	-55.39	-43.79	-30.87	-17.01
SO XBADJ EP7	-4.96	3.87	7.09	10.10	12.80	15.11
SO XBADJ EP7	16.96	52.43	54.85	51.60	14.41	10.95
SO XBADJ EP7	7.15	3.14	-0.97	-5.05	-12.24	-22.36
SO YBADJ EP7	50.23	38.08	44.94	40.19	34.22	27.21
SO YBADJ EP7	19.37	9.32	-2.68	-14.92	-25.88	-33.30
SO YBADJ EP7	-39.71	-44.92	-48.76	-51.12	-51.92	-51.15
SO YBADJ EP7	-50.23	-38.08	-44.94	-40.19	-34.22	-27.21
SO YBADJ EP7	-19.37	-9.32	2.68	14.92	25.88	33.30
SO YBADJ EP7	39.71	44.92	48.76	51.12	51.92	51.15

SO BACKGRND ANNUAL 9.0  
SO BACKUNIT PPB

SO SRCGROUP EMPIRE EP7  
SRCGROUP Other E05 E06 E07 EP47 EP48 EP50 EU04 Conv1 EP5 EP6  
SRCGROUP ALL BACKGROUND

SO FINISHED

\*\*50km receptor grid updated on 07/07/2016  
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\*\* AERMOD Receptor Pathway  
\*\*\*\*\*  
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RE STARTING

RE ELEVUNIT METERS

DISCCART	358323.00	4135147.00	286.50	286.50
DISCCART	358323.00	4135247.00	286.42	286.42
DISCCART	358323.00	4135347.00	287.43	287.43
DISCCART	358323.00	4135447.00	288.43	288.43
DISCCART	358323.00	4135547.00	289.49	289.49
DISCCART	358323.00	4135647.00	290.11	290.11
DISCCART	358323.00	4135747.00	289.64	289.64
DISCCART	358323.00	4135847.00	289.02	289.02
DISCCART	358323.00	4135947.00	290.16	290.16
DISCCART	358323.00	4136047.00	290.96	290.96
DISCCART	358323.00	4136147.00	291.88	291.88
DISCCART	358323.00	4136247.00	292.11	292.11
DISCCART	358323.00	4136347.00	291.65	291.65
DISCCART	358323.00	4136447.00	290.89	290.89
DISCCART	358323.00	4136547.00	290.21	290.21
DISCCART	358323.00	4136647.00	289.70	289.70
DISCCART	358323.00	4136747.00	289.11	289.11
DISCCART	358323.00	4136847.00	289.02	289.02
DISCCART	358323.00	4136947.00	289.01	289.01
DISCCART	358323.00	4137047.00	289.86	289.86
DISCCART	358323.00	4137147.00	290.40	290.40
DISCCART	358423.00	4135147.00	287.50	287.50
DISCCART	358423.00	4135247.00	287.89	287.89
DISCCART	358423.00	4135347.00	288.47	288.47
DISCCART	358423.00	4135447.00	289.18	289.18
DISCCART	358423.00	4135547.00	290.03	290.03
DISCCART	358423.00	4135647.00	290.82	290.82
DISCCART	358423.00	4135747.00	290.64	290.64

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358423.00	4135847.00	290.11	290.11
DISCCART	358423.00	4135947.00	289.93	289.93
DISCCART	358423.00	4136047.00	291.73	291.73
DISCCART	358423.00	4136147.00	292.81	292.81
DISCCART	358423.00	4136247.00	293.13	293.13
DISCCART	358423.00	4136347.00	292.69	292.69
DISCCART	358423.00	4136447.00	291.61	291.61
DISCCART	358423.00	4136547.00	290.54	290.54
DISCCART	358423.00	4136647.00	290.00	290.00
DISCCART	358423.00	4136747.00	288.96	288.96
DISCCART	358423.00	4136847.00	287.90	287.90
DISCCART	358423.00	4136947.00	288.46	288.46
DISCCART	358423.00	4137047.00	289.39	289.39
DISCCART	358423.00	4137147.00	290.17	290.17
DISCCART	358523.00	4135147.00	288.13	288.13
DISCCART	358523.00	4135247.00	289.18	289.18
DISCCART	358523.00	4135347.00	289.42	289.42
DISCCART	358523.00	4135447.00	290.18	290.18
DISCCART	358523.00	4135547.00	291.07	291.07
DISCCART	358523.00	4135647.00	291.87	291.87
DISCCART	358523.00	4135747.00	292.21	292.21
DISCCART	358523.00	4135847.00	291.94	291.94
DISCCART	358523.00	4135947.00	291.61	291.61
DISCCART	358523.00	4136047.00	292.21	292.21
DISCCART	358523.00	4136147.00	293.16	293.16
DISCCART	358523.00	4136247.00	293.14	293.14
DISCCART	358523.00	4136347.00	292.73	292.73
DISCCART	358523.00	4136447.00	291.07	291.07
DISCCART	358523.00	4136547.00	289.94	289.94
DISCCART	358523.00	4136647.00	289.70	289.70
DISCCART	358523.00	4136747.00	288.56	288.56
DISCCART	358523.00	4136847.00	286.61	286.61
DISCCART	358523.00	4136947.00	287.57	287.57
DISCCART	358523.00	4137047.00	288.75	288.75
DISCCART	358523.00	4137147.00	289.66	289.66
DISCCART	358623.00	4135147.00	287.26	287.26
DISCCART	358623.00	4135247.00	290.16	290.16
DISCCART	358623.00	4135347.00	290.69	290.69
DISCCART	358623.00	4135447.00	291.57	291.57
DISCCART	358623.00	4135547.00	292.37	292.37
DISCCART	358623.00	4135647.00	292.81	292.81
DISCCART	358623.00	4135747.00	293.21	293.21
DISCCART	358623.00	4135847.00	293.12	293.12
DISCCART	358623.00	4135947.00	292.81	292.81
DISCCART	358623.00	4136047.00	293.00	293.00
DISCCART	358623.00	4136147.00	293.15	293.15
DISCCART	358623.00	4136247.00	292.80	292.80
DISCCART	358623.00	4136347.00	292.01	292.01
DISCCART	358623.00	4136447.00	289.92	289.92
DISCCART	358623.00	4136547.00	289.70	289.70
DISCCART	358623.00	4136647.00	288.95	288.95
DISCCART	358623.00	4136747.00	287.57	287.57
DISCCART	358623.00	4136847.00	287.02	287.02
DISCCART	358623.00	4136947.00	286.97	286.97
DISCCART	358623.00	4137047.00	287.60	287.60
DISCCART	358623.00	4137147.00	288.73	288.73
DISCCART	358723.00	4135147.00	289.30	289.30
DISCCART	358723.00	4135247.00	289.68	289.68
DISCCART	358723.00	4135347.00	291.27	291.27
DISCCART	358723.00	4135447.00	292.46	292.46
DISCCART	358723.00	4135547.00	293.21	293.21
DISCCART	358723.00	4135647.00	293.41	293.41
DISCCART	358723.00	4135747.00	293.29	293.29
DISCCART	358723.00	4135847.00	293.31	293.31
DISCCART	358723.00	4135947.00	293.32	293.32
DISCCART	358723.00	4136047.00	293.30	293.30
DISCCART	358723.00	4136147.00	293.10	293.10
DISCCART	358723.00	4136247.00	292.23	292.23
DISCCART	358723.00	4136347.00	291.60	291.60
DISCCART	358723.00	4136447.00	290.99	290.99

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358723.00	4136547.00	290.35	290.35
DISCCART	358723.00	4136647.00	289.53	289.53
DISCCART	358723.00	4136747.00	287.74	287.74
DISCCART	358723.00	4136847.00	286.54	286.54
DISCCART	358723.00	4136947.00	286.78	286.78
DISCCART	358723.00	4137047.00	286.44	286.44
DISCCART	358723.00	4137147.00	287.86	287.86
DISCCART	358823.00	4135147.00	291.19	291.19
DISCCART	358823.00	4135247.00	291.30	291.30
DISCCART	358823.00	4135347.00	291.81	291.81
DISCCART	358823.00	4135447.00	292.45	292.45
DISCCART	358823.00	4135547.00	293.28	293.28
DISCCART	358823.00	4135647.00	293.31	293.31
DISCCART	358823.00	4135747.00	292.54	292.54
DISCCART	358823.00	4135847.00	292.61	292.61
DISCCART	358823.00	4135947.00	292.69	292.69
DISCCART	358823.00	4136047.00	292.25	292.25
DISCCART	358823.00	4136147.00	292.11	292.11
DISCCART	358823.00	4136247.00	291.65	291.65
DISCCART	358823.00	4136347.00	290.84	290.84
DISCCART	358823.00	4136447.00	290.11	290.11
DISCCART	358823.00	4136547.00	289.81	289.81
DISCCART	358823.00	4136647.00	288.67	288.67
DISCCART	358823.00	4136747.00	287.61	287.61
DISCCART	358823.00	4136847.00	286.62	286.62
DISCCART	358823.00	4136947.00	285.42	285.42
DISCCART	358823.00	4137047.00	286.25	286.25
DISCCART	358823.00	4137147.00	287.18	287.18
DISCCART	359223.00	4135147.00	293.98	293.98
DISCCART	359323.00	4135147.00	294.15	294.15
DISCCART	359323.00	4135247.00	293.47	293.47
DISCCART	359323.00	4135347.00	290.93	290.93
DISCCART	359323.00	4135447.00	288.18	288.18
DISCCART	359323.00	4135547.00	286.56	286.56
DISCCART	359423.00	4135147.00	293.41	293.41
DISCCART	359423.00	4135247.00	292.65	292.65
DISCCART	359423.00	4135347.00	290.61	290.61
DISCCART	359423.00	4135447.00	287.70	287.70
DISCCART	359423.00	4135547.00	286.69	286.69
DISCCART	359523.00	4135147.00	290.71	290.71
DISCCART	359523.00	4135247.00	290.80	290.80
DISCCART	359523.00	4135347.00	289.98	289.98
DISCCART	359523.00	4135447.00	286.81	286.81
DISCCART	359523.00	4135547.00	286.37	286.37
DISCCART	359623.00	4135147.00	290.26	290.26
DISCCART	359623.00	4135247.00	286.58	286.58
DISCCART	359623.00	4135347.00	287.31	287.31
DISCCART	359623.00	4135447.00	285.55	285.55
DISCCART	359623.00	4135547.00	285.48	285.48
DISCCART	359723.00	4135147.00	289.49	289.49
DISCCART	359723.00	4135247.00	288.50	288.50
DISCCART	359723.00	4135347.00	286.78	286.78
DISCCART	359723.00	4135447.00	283.92	283.92
DISCCART	359723.00	4135547.00	284.53	284.53
DISCCART	359823.00	4135147.00	286.40	286.40
DISCCART	359823.00	4135247.00	286.67	286.67
DISCCART	359823.00	4135347.00	286.45	286.45
DISCCART	359823.00	4135447.00	284.67	284.67
DISCCART	359823.00	4135547.00	283.11	283.11
DISCCART	359923.00	4135147.00	287.08	287.08
DISCCART	359923.00	4135247.00	283.53	283.53
DISCCART	359923.00	4135347.00	284.61	284.61
DISCCART	359923.00	4135447.00	284.22	284.22
DISCCART	359923.00	4135547.00	282.22	282.22
DISCCART	360023.00	4135147.00	286.25	286.25
DISCCART	360023.00	4135247.00	284.18	284.18
DISCCART	360023.00	4135347.00	282.84	282.84
DISCCART	360023.00	4135447.00	282.54	282.54
DISCCART	360023.00	4135547.00	280.68	280.68
DISCCART	360123.00	4135147.00	283.53	283.53

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	360123.00	4135247.00	283.18	283.18
DISCCART	360123.00	4135347.00	280.70	280.70
DISCCART	360123.00	4135447.00	280.64	280.64
DISCCART	360123.00	4135547.00	280.64	280.64
DISCCART	360223.00	4135147.00	280.97	280.97
DISCCART	360223.00	4135247.00	280.94	280.94
DISCCART	360223.00	4135347.00	280.27	280.27
DISCCART	360223.00	4135447.00	280.26	280.26
DISCCART	360223.00	4135547.00	279.91	279.91
DISCCART	360323.00	4135147.00	280.07	280.07
DISCCART	360323.00	4135247.00	279.60	279.60
DISCCART	360323.00	4135347.00	278.82	278.82
DISCCART	360323.00	4135447.00	278.34	278.34
DISCCART	358323.00	4137397.00	292.07	292.07
DISCCART	358323.00	4137647.00	292.77	292.77
DISCCART	358323.00	4137897.00	292.82	292.82
DISCCART	358323.00	4138147.00	292.69	292.69
DISCCART	358323.00	4138397.00	293.10	293.10
DISCCART	358323.00	4138647.00	293.13	293.13
DISCCART	358323.00	4138897.00	293.00	293.00
DISCCART	358323.00	4139147.00	292.84	292.84
DISCCART	358323.00	4139397.00	290.87	290.87
DISCCART	358323.00	4139647.00	290.19	290.19
DISCCART	358573.00	4137397.00	291.64	291.64
DISCCART	358573.00	4137647.00	289.89	289.89
DISCCART	358573.00	4137897.00	291.04	291.04
DISCCART	358573.00	4138147.00	289.91	289.91
DISCCART	358573.00	4138397.00	292.34	292.34
DISCCART	358573.00	4138647.00	290.11	290.11
DISCCART	358573.00	4138897.00	292.49	292.49
DISCCART	358573.00	4139147.00	293.36	293.36
DISCCART	358573.00	4139397.00	293.47	293.47
DISCCART	358573.00	4139647.00	292.15	292.15
DISCCART	358823.00	4137397.00	287.84	287.84
DISCCART	358823.00	4137647.00	286.30	286.30
DISCCART	358823.00	4137897.00	289.18	289.18
DISCCART	358823.00	4138147.00	286.93	286.93
DISCCART	358823.00	4138397.00	286.61	286.61
DISCCART	358823.00	4138647.00	289.43	289.43
DISCCART	358823.00	4138897.00	292.84	292.84
DISCCART	358823.00	4139147.00	294.08	294.08
DISCCART	358823.00	4139397.00	294.30	294.30
DISCCART	358823.00	4139647.00	292.22	292.22
DISCCART	359073.00	4138147.00	286.93	286.93
DISCCART	359073.00	4138397.00	287.91	287.91
DISCCART	359073.00	4138647.00	288.46	288.46
DISCCART	359073.00	4138897.00	289.22	289.22
DISCCART	359073.00	4139147.00	293.15	298.27
DISCCART	359073.00	4139397.00	295.81	295.81
DISCCART	359073.00	4139647.00	294.49	294.49
DISCCART	359323.00	4138147.00	290.71	290.71
DISCCART	359323.00	4138397.00	291.70	291.70
DISCCART	359323.00	4138647.00	292.74	292.74
DISCCART	359323.00	4138897.00	292.77	292.77
DISCCART	359323.00	4139147.00	293.56	293.56
DISCCART	359323.00	4139397.00	294.86	298.45
DISCCART	359323.00	4139647.00	293.25	293.25
DISCCART	359573.00	4138147.00	295.68	295.68
DISCCART	359573.00	4138397.00	293.08	293.08
DISCCART	359573.00	4138647.00	292.75	292.75
DISCCART	359573.00	4138897.00	292.78	292.78
DISCCART	359573.00	4139147.00	291.88	291.88
DISCCART	359573.00	4139397.00	290.45	290.45
DISCCART	359573.00	4139647.00	291.71	291.71
DISCCART	359823.00	4137397.00	292.25	292.25
DISCCART	359823.00	4138147.00	292.64	292.64
DISCCART	359823.00	4138397.00	295.53	295.53
DISCCART	359823.00	4138647.00	292.77	292.77
DISCCART	359823.00	4138897.00	292.88	292.88
DISCCART	359823.00	4139147.00	292.86	292.86

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	359823.00	4139397.00	289.35	289.35
DISCCART	359823.00	4139647.00	292.74	292.74
DISCCART	360073.00	4137397.00	284.30	292.82
DISCCART	360073.00	4138147.00	291.22	291.22
DISCCART	360073.00	4138397.00	290.71	290.71
DISCCART	360073.00	4138647.00	289.76	289.76
DISCCART	360073.00	4138897.00	292.19	292.19
DISCCART	360073.00	4139147.00	290.06	290.06
DISCCART	360073.00	4139397.00	292.19	292.19
DISCCART	360073.00	4139647.00	292.80	292.80
DISCCART	360323.00	4137397.00	284.51	284.51
DISCCART	360323.00	4138147.00	287.32	287.32
DISCCART	360323.00	4138397.00	288.09	288.09
DISCCART	360323.00	4138647.00	289.14	289.14
DISCCART	360323.00	4138897.00	288.54	288.54
DISCCART	360323.00	4139147.00	291.45	291.45
DISCCART	360323.00	4139397.00	293.10	298.91
DISCCART	360323.00	4139647.00	292.74	292.74
DISCCART	360573.00	4137397.00	285.70	285.70
DISCCART	360573.00	4137647.00	285.95	285.95
DISCCART	360573.00	4137897.00	287.13	287.13
DISCCART	360573.00	4138147.00	287.52	287.52
DISCCART	360573.00	4138397.00	288.02	288.02
DISCCART	360573.00	4138647.00	289.81	289.81
DISCCART	360573.00	4138897.00	292.82	292.82
DISCCART	360573.00	4139147.00	291.45	291.45
DISCCART	360573.00	4139397.00	294.65	294.94
DISCCART	360573.00	4139647.00	293.90	293.90
DISCCART	360823.00	4137397.00	286.55	286.55
DISCCART	360823.00	4137647.00	288.81	288.81
DISCCART	360823.00	4137897.00	288.58	288.58
DISCCART	360823.00	4138147.00	289.73	289.73
DISCCART	360823.00	4138397.00	289.63	289.63
DISCCART	360823.00	4138647.00	292.66	292.66
DISCCART	360823.00	4138897.00	297.87	297.87
DISCCART	360823.00	4139147.00	292.73	292.73
DISCCART	360823.00	4139397.00	295.75	295.75
DISCCART	360823.00	4139647.00	294.38	294.38
DISCCART	361073.00	4137397.00	286.95	286.95
DISCCART	361073.00	4137647.00	286.53	286.53
DISCCART	361073.00	4137897.00	288.41	288.41
DISCCART	361073.00	4138147.00	290.22	290.22
DISCCART	361073.00	4138397.00	291.30	291.30
DISCCART	361073.00	4138647.00	292.99	292.99
DISCCART	361073.00	4138897.00	299.84	299.84
DISCCART	361073.00	4139147.00	295.54	295.54
DISCCART	361073.00	4139397.00	293.51	293.51
DISCCART	361073.00	4139647.00	293.54	293.54
DISCCART	361323.00	4137397.00	289.29	289.29
DISCCART	361323.00	4137647.00	291.67	291.67
DISCCART	361323.00	4137897.00	287.39	287.39
DISCCART	361323.00	4138147.00	289.43	289.43
DISCCART	361323.00	4138397.00	290.51	290.51
DISCCART	361323.00	4138647.00	291.75	291.75
DISCCART	361323.00	4138897.00	296.53	296.53
DISCCART	361323.00	4139147.00	294.17	294.17
DISCCART	361323.00	4139397.00	294.22	294.22
DISCCART	361323.00	4139647.00	293.80	293.80
DISCCART	361573.00	4137397.00	291.77	291.77
DISCCART	361573.00	4137647.00	295.09	295.09
DISCCART	361573.00	4137897.00	288.91	288.91
DISCCART	361573.00	4138147.00	289.34	289.34
DISCCART	361573.00	4138397.00	291.82	291.82
DISCCART	361573.00	4138647.00	296.27	296.27
DISCCART	361573.00	4138897.00	298.47	298.47
DISCCART	361573.00	4139147.00	296.22	298.94
DISCCART	361573.00	4139397.00	297.79	301.14
DISCCART	361573.00	4139647.00	295.05	295.05
DISCCART	361823.00	4137397.00	292.27	292.27
DISCCART	361823.00	4137647.00	296.82	296.82

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	361823.00	4137897.00	290.20	290.20
DISCCART	361823.00	4138147.00	292.13	292.13
DISCCART	361823.00	4138397.00	293.77	293.77
DISCCART	361823.00	4138647.00	297.71	297.71
DISCCART	361823.00	4138897.00	299.06	299.06
DISCCART	361823.00	4139147.00	297.03	297.03
DISCCART	361823.00	4139397.00	295.60	295.60
DISCCART	361823.00	4139647.00	294.46	294.46
DISCCART	362073.00	4137397.00	290.99	290.99
DISCCART	362073.00	4137647.00	296.23	296.23
DISCCART	362073.00	4137897.00	294.78	294.78
DISCCART	362073.00	4138147.00	293.07	293.07
DISCCART	362073.00	4138397.00	294.62	294.62
DISCCART	362073.00	4138647.00	292.17	292.17
DISCCART	362073.00	4138897.00	295.35	295.35
DISCCART	362073.00	4139147.00	292.71	292.71
DISCCART	362073.00	4139397.00	290.86	290.86
DISCCART	362073.00	4139647.00	291.34	291.34
DISCCART	362323.00	4137397.00	291.22	291.22
DISCCART	362323.00	4137647.00	292.88	292.88
DISCCART	362323.00	4137897.00	294.92	294.92
DISCCART	362323.00	4138147.00	292.90	292.90
DISCCART	362323.00	4138397.00	293.18	293.18
DISCCART	362323.00	4138647.00	292.89	292.89
DISCCART	362323.00	4138897.00	287.67	287.67
DISCCART	362323.00	4139147.00	288.55	288.55
DISCCART	362323.00	4139397.00	288.85	288.85
DISCCART	362323.00	4139647.00	289.52	289.52
DISCCART	362573.00	4137397.00	298.51	298.51
DISCCART	362573.00	4137647.00	299.36	299.36
DISCCART	362573.00	4137897.00	301.84	301.84
DISCCART	362573.00	4138147.00	294.84	294.84
DISCCART	362573.00	4138397.00	291.78	291.78
DISCCART	362573.00	4138647.00	289.68	289.68
DISCCART	362573.00	4138897.00	287.46	287.46
DISCCART	362573.00	4139147.00	285.88	285.88
DISCCART	362573.00	4139397.00	286.99	286.99
DISCCART	362573.00	4139647.00	286.67	286.67
DISCCART	362823.00	4137397.00	291.16	291.16
DISCCART	362823.00	4137647.00	297.79	298.41
DISCCART	362823.00	4137897.00	295.70	295.70
DISCCART	362823.00	4138147.00	294.23	294.23
DISCCART	362823.00	4138397.00	292.20	292.20
DISCCART	362823.00	4138647.00	289.99	289.99
DISCCART	362823.00	4138897.00	290.07	290.07
DISCCART	362823.00	4139147.00	291.31	291.31
DISCCART	362823.00	4139397.00	288.40	288.40
DISCCART	362823.00	4139647.00	284.31	284.31
DISCCART	360573.00	4137147.00	284.46	284.46
DISCCART	360573.00	4136897.00	283.75	283.75
DISCCART	360573.00	4136647.00	284.02	284.02
DISCCART	360573.00	4136397.00	283.24	283.24
DISCCART	360573.00	4136147.00	283.62	283.62
DISCCART	360573.00	4135897.00	282.27	282.27
DISCCART	360573.00	4135647.00	281.66	281.66
DISCCART	360573.00	4135397.00	279.13	279.13
DISCCART	360573.00	4135147.00	277.52	277.52
DISCCART	360573.00	4134897.00	278.17	278.17
DISCCART	360573.00	4134647.00	277.50	277.50
DISCCART	360573.00	4134397.00	277.94	277.94
DISCCART	360573.00	4134147.00	277.85	277.85
DISCCART	360573.00	4133897.00	275.84	275.84
DISCCART	360573.00	4133647.00	276.79	276.79
DISCCART	360573.00	4133397.00	276.48	276.48
DISCCART	360573.00	4133147.00	275.66	275.66
DISCCART	360573.00	4132897.00	275.20	275.20
DISCCART	360573.00	4132647.00	274.43	274.43
DISCCART	360823.00	4137147.00	284.46	284.46
DISCCART	360823.00	4136897.00	285.61	285.61
DISCCART	360823.00	4136647.00	284.31	284.31

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	360823.00	4136397.00	283.61	283.61
DISCCART	360823.00	4136147.00	283.46	283.46
DISCCART	360823.00	4135897.00	285.14	285.14
DISCCART	360823.00	4135647.00	284.17	284.17
DISCCART	360823.00	4135397.00	281.93	281.93
DISCCART	360823.00	4135147.00	279.13	279.13
DISCCART	360823.00	4134897.00	277.67	277.67
DISCCART	360823.00	4134647.00	277.90	277.90
DISCCART	360823.00	4134397.00	277.51	277.51
DISCCART	360823.00	4134147.00	277.81	277.81
DISCCART	360823.00	4133897.00	276.67	276.67
DISCCART	360823.00	4133647.00	274.67	274.67
DISCCART	360823.00	4133397.00	274.55	274.55
DISCCART	360823.00	4133147.00	274.57	274.57
DISCCART	360823.00	4132897.00	274.41	274.41
DISCCART	360823.00	4132647.00	274.66	274.66
DISCCART	361073.00	4137147.00	287.00	287.00
DISCCART	361073.00	4136897.00	286.62	286.62
DISCCART	361073.00	4136647.00	284.77	284.77
DISCCART	361073.00	4136397.00	283.84	283.84
DISCCART	361073.00	4136147.00	284.31	284.31
DISCCART	361073.00	4135897.00	286.21	286.21
DISCCART	361073.00	4135647.00	287.48	287.48
DISCCART	361073.00	4135397.00	283.03	283.03
DISCCART	361073.00	4135147.00	279.15	279.15
DISCCART	361073.00	4134897.00	280.82	280.82
DISCCART	361073.00	4134647.00	279.57	279.57
DISCCART	361073.00	4134397.00	278.69	278.69
DISCCART	361073.00	4134147.00	277.68	277.68
DISCCART	361073.00	4133897.00	277.41	277.41
DISCCART	361073.00	4133647.00	276.91	276.91
DISCCART	361073.00	4133397.00	275.30	275.30
DISCCART	361073.00	4133147.00	274.78	274.78
DISCCART	361073.00	4132897.00	275.64	275.64
DISCCART	361073.00	4132647.00	275.48	275.48
DISCCART	361323.00	4137147.00	287.91	287.91
DISCCART	361323.00	4136897.00	287.20	287.20
DISCCART	361323.00	4136647.00	285.04	285.04
DISCCART	361323.00	4136397.00	285.70	285.70
DISCCART	361323.00	4136147.00	285.01	285.01
DISCCART	361323.00	4135897.00	285.53	285.53
DISCCART	361323.00	4135647.00	283.38	283.38
DISCCART	361323.00	4135397.00	280.46	280.46
DISCCART	361323.00	4135147.00	280.90	280.90
DISCCART	361323.00	4134897.00	281.53	281.53
DISCCART	361323.00	4134647.00	280.61	280.61
DISCCART	361323.00	4134397.00	280.32	280.32
DISCCART	361323.00	4134147.00	278.91	278.91
DISCCART	361323.00	4133897.00	279.71	279.71
DISCCART	361323.00	4133647.00	280.19	280.19
DISCCART	361323.00	4133397.00	282.73	282.73
DISCCART	361323.00	4133147.00	279.44	279.44
DISCCART	361323.00	4132897.00	279.22	279.22
DISCCART	361323.00	4132647.00	277.28	277.28
DISCCART	361573.00	4137147.00	289.26	289.26
DISCCART	361573.00	4136897.00	287.17	287.17
DISCCART	361573.00	4136647.00	287.02	287.02
DISCCART	361573.00	4136397.00	286.56	286.56
DISCCART	361573.00	4136147.00	284.81	284.81
DISCCART	361573.00	4135897.00	283.07	283.07
DISCCART	361573.00	4135647.00	280.51	280.51
DISCCART	361573.00	4135397.00	281.10	281.10
DISCCART	361573.00	4135147.00	282.23	282.23
DISCCART	361573.00	4134897.00	283.12	283.12
DISCCART	361573.00	4134647.00	282.40	282.40
DISCCART	361573.00	4134397.00	281.79	281.79
DISCCART	361573.00	4134147.00	280.22	280.22
DISCCART	361573.00	4133897.00	281.84	281.84
DISCCART	361573.00	4133647.00	284.14	284.14
DISCCART	361573.00	4133397.00	285.33	285.33



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	361573.00	4133147.00	284.27	284.27
DISCCART	361573.00	4132897.00	280.84	280.84
DISCCART	361573.00	4132647.00	277.77	277.77
DISCCART	361823.00	4137147.00	290.07	290.07
DISCCART	361823.00	4136897.00	288.46	288.46
DISCCART	361823.00	4136647.00	287.50	287.50
DISCCART	361823.00	4136397.00	286.27	286.27
DISCCART	361823.00	4136147.00	284.02	284.02
DISCCART	361823.00	4135897.00	282.26	282.26
DISCCART	361823.00	4135647.00	284.00	284.00
DISCCART	361823.00	4135397.00	282.99	282.99
DISCCART	361823.00	4135147.00	282.82	282.82
DISCCART	361823.00	4134897.00	284.20	284.20
DISCCART	361823.00	4134647.00	283.49	283.49
DISCCART	361823.00	4134397.00	282.19	282.19
DISCCART	361823.00	4134147.00	280.97	280.97
DISCCART	361823.00	4133897.00	283.04	283.04
DISCCART	361823.00	4133647.00	284.90	284.90
DISCCART	361823.00	4133397.00	285.10	285.10
DISCCART	361823.00	4133147.00	283.32	283.32
DISCCART	361823.00	4132897.00	282.25	282.25
DISCCART	361823.00	4132647.00	281.41	281.41
DISCCART	362073.00	4137147.00	289.47	289.47
DISCCART	362073.00	4136897.00	288.01	288.01
DISCCART	362073.00	4136647.00	287.09	287.09
DISCCART	362073.00	4136397.00	284.75	284.75
DISCCART	362073.00	4136147.00	284.40	284.40
DISCCART	362073.00	4135897.00	283.54	283.54
DISCCART	362073.00	4135647.00	285.50	285.50
DISCCART	362073.00	4135397.00	284.88	284.88
DISCCART	362073.00	4135147.00	283.64	283.64
DISCCART	362073.00	4134897.00	285.02	285.02
DISCCART	362073.00	4134647.00	284.61	284.61
DISCCART	362073.00	4134397.00	284.11	284.11
DISCCART	362073.00	4134147.00	284.05	284.05
DISCCART	362073.00	4133897.00	284.07	284.07
DISCCART	362073.00	4133647.00	285.67	285.67
DISCCART	362073.00	4133397.00	286.38	286.38
DISCCART	362073.00	4133147.00	284.80	284.80
DISCCART	362073.00	4132897.00	284.57	284.57
DISCCART	362073.00	4132647.00	281.20	281.20
DISCCART	362323.00	4137147.00	290.26	290.26
DISCCART	362323.00	4136897.00	288.56	288.56
DISCCART	362323.00	4136647.00	285.17	285.17
DISCCART	362323.00	4136397.00	285.98	285.98
DISCCART	362323.00	4136147.00	289.42	289.42
DISCCART	362323.00	4135897.00	286.01	286.01
DISCCART	362323.00	4135647.00	286.75	286.75
DISCCART	362323.00	4135397.00	286.18	286.18
DISCCART	362323.00	4135147.00	286.35	286.35
DISCCART	362323.00	4134897.00	286.22	286.22
DISCCART	362323.00	4134647.00	285.80	285.80
DISCCART	362323.00	4134397.00	285.91	285.91
DISCCART	362323.00	4134147.00	286.14	286.14
DISCCART	362323.00	4133897.00	285.92	285.92
DISCCART	362323.00	4133647.00	286.88	286.88
DISCCART	362323.00	4133397.00	288.56	288.56
DISCCART	362323.00	4133147.00	288.78	288.78
DISCCART	362323.00	4132897.00	285.97	285.97
DISCCART	362323.00	4132647.00	280.65	280.65
DISCCART	362573.00	4137147.00	290.36	290.36
DISCCART	362573.00	4136897.00	286.92	286.92
DISCCART	362573.00	4136647.00	286.68	286.68
DISCCART	362573.00	4136397.00	289.05	289.05
DISCCART	362573.00	4136147.00	296.30	296.30
DISCCART	362573.00	4135897.00	291.17	291.17
DISCCART	362573.00	4135647.00	288.08	288.08
DISCCART	362573.00	4135397.00	287.16	287.16
DISCCART	362573.00	4135147.00	286.54	286.54
DISCCART	362573.00	4134897.00	285.57	285.57

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	362573.00	4134647.00	283.88	283.88
DISCCART	362573.00	4134397.00	286.61	286.61
DISCCART	362573.00	4134147.00	283.32	283.32
DISCCART	362573.00	4133897.00	284.40	284.40
DISCCART	362573.00	4133647.00	287.03	287.03
DISCCART	362573.00	4133397.00	290.50	290.50
DISCCART	362573.00	4133147.00	286.91	286.91
DISCCART	362573.00	4132897.00	285.25	285.25
DISCCART	362573.00	4132647.00	281.17	281.17
DISCCART	362823.00	4137147.00	289.59	289.59
DISCCART	362823.00	4136897.00	290.49	290.49
DISCCART	362823.00	4136647.00	289.90	289.90
DISCCART	362823.00	4136397.00	289.48	289.48
DISCCART	362823.00	4136147.00	290.66	290.66
DISCCART	362823.00	4135897.00	290.01	290.01
DISCCART	362823.00	4135647.00	286.98	286.98
DISCCART	362823.00	4135397.00	285.66	285.66
DISCCART	362823.00	4135147.00	283.53	283.53
DISCCART	362823.00	4134897.00	284.49	284.49
DISCCART	362823.00	4134647.00	283.74	283.74
DISCCART	362823.00	4134397.00	279.07	279.07
DISCCART	362823.00	4134147.00	277.54	277.54
DISCCART	362823.00	4133897.00	282.40	282.40
DISCCART	362823.00	4133647.00	284.38	284.38
DISCCART	362823.00	4133397.00	287.09	287.09
DISCCART	362823.00	4133147.00	287.31	287.31
DISCCART	362823.00	4132897.00	286.24	286.24
DISCCART	362823.00	4132647.00	279.62	279.62
DISCCART	360323.00	4134897.00	281.72	281.72
DISCCART	360323.00	4134647.00	283.28	283.28
DISCCART	360323.00	4134397.00	280.97	280.97
DISCCART	360323.00	4134147.00	280.62	280.62
DISCCART	360323.00	4133897.00	279.47	279.47
DISCCART	360323.00	4133647.00	279.07	279.07
DISCCART	360323.00	4133397.00	277.72	277.72
DISCCART	360323.00	4133147.00	277.00	277.00
DISCCART	360323.00	4132897.00	276.02	276.02
DISCCART	360323.00	4132647.00	274.90	274.90
DISCCART	360073.00	4134897.00	286.18	286.18
DISCCART	360073.00	4134647.00	282.99	282.99
DISCCART	360073.00	4134397.00	280.64	280.64
DISCCART	360073.00	4134147.00	281.57	281.57
DISCCART	360073.00	4133897.00	281.02	281.02
DISCCART	360073.00	4133647.00	280.61	280.61
DISCCART	360073.00	4133397.00	279.08	279.08
DISCCART	360073.00	4133147.00	277.50	277.50
DISCCART	360073.00	4132897.00	277.09	277.09
DISCCART	360073.00	4132647.00	277.01	277.01
DISCCART	359823.00	4134897.00	290.71	290.71
DISCCART	359823.00	4134647.00	291.85	291.85
DISCCART	359823.00	4134397.00	283.21	283.21
DISCCART	359823.00	4134147.00	282.52	282.52
DISCCART	359823.00	4133897.00	281.85	281.85
DISCCART	359823.00	4133647.00	280.87	280.87
DISCCART	359823.00	4133397.00	279.16	279.16
DISCCART	359823.00	4133147.00	277.46	277.46
DISCCART	359823.00	4132897.00	278.19	278.19
DISCCART	359823.00	4132647.00	278.69	278.69
DISCCART	359573.00	4134897.00	292.13	292.13
DISCCART	359573.00	4134647.00	286.05	286.05
DISCCART	359573.00	4134397.00	285.16	285.16
DISCCART	359573.00	4134147.00	284.30	284.30
DISCCART	359573.00	4133897.00	281.33	281.33
DISCCART	359573.00	4133647.00	280.50	280.50
DISCCART	359573.00	4133397.00	277.96	277.96
DISCCART	359573.00	4133147.00	278.93	278.93
DISCCART	359573.00	4132897.00	280.01	280.01
DISCCART	359573.00	4132647.00	279.76	279.76
DISCCART	359323.00	4134897.00	293.15	293.15
DISCCART	359323.00	4134647.00	287.82	287.82

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	359323.00	4134397.00	290.26	290.26
DISCCART	359323.00	4134147.00	286.44	286.44
DISCCART	359323.00	4133897.00	283.91	283.91
DISCCART	359323.00	4133647.00	282.38	282.38
DISCCART	359323.00	4133397.00	280.51	280.51
DISCCART	359323.00	4133147.00	281.39	281.39
DISCCART	359323.00	4132897.00	280.81	280.81
DISCCART	359323.00	4132647.00	280.00	280.00
DISCCART	359073.00	4134647.00	287.17	287.17
DISCCART	359073.00	4134397.00	290.03	290.03
DISCCART	359073.00	4134147.00	286.02	286.02
DISCCART	359073.00	4133897.00	284.77	284.77
DISCCART	359073.00	4133647.00	283.57	283.57
DISCCART	359073.00	4133397.00	281.94	281.94
DISCCART	359073.00	4133147.00	280.89	280.89
DISCCART	359073.00	4132897.00	280.30	280.30
DISCCART	359073.00	4132647.00	279.56	279.56
DISCCART	358823.00	4134647.00	286.57	286.57
DISCCART	358823.00	4134397.00	286.21	286.21
DISCCART	358823.00	4134147.00	285.07	285.07
DISCCART	358823.00	4133897.00	283.81	283.81
DISCCART	358823.00	4133647.00	282.93	282.93
DISCCART	358823.00	4133397.00	281.70	281.70
DISCCART	358823.00	4133147.00	280.31	280.31
DISCCART	358823.00	4132897.00	278.56	278.56
DISCCART	358823.00	4132647.00	277.81	277.81
DISCCART	358573.00	4134897.00	287.40	287.40
DISCCART	358573.00	4134647.00	287.10	287.10
DISCCART	358573.00	4134397.00	284.63	284.63
DISCCART	358573.00	4134147.00	283.93	283.93
DISCCART	358573.00	4133897.00	281.72	281.72
DISCCART	358573.00	4133647.00	282.02	282.02
DISCCART	358573.00	4133397.00	281.60	281.60
DISCCART	358573.00	4133147.00	281.01	281.01
DISCCART	358573.00	4132897.00	279.88	279.88
DISCCART	358573.00	4132647.00	278.55	278.55
DISCCART	358323.00	4134897.00	284.84	284.84
DISCCART	358323.00	4134647.00	284.42	284.42
DISCCART	358323.00	4134397.00	283.81	283.81
DISCCART	358323.00	4134147.00	280.51	280.51
DISCCART	358323.00	4133897.00	280.67	280.67
DISCCART	358323.00	4133647.00	280.83	280.83
DISCCART	358323.00	4133397.00	280.71	280.71
DISCCART	358323.00	4133147.00	279.80	279.80
DISCCART	358323.00	4132897.00	277.74	277.74
DISCCART	358323.00	4132647.00	277.80	277.80
DISCCART	358073.00	4134897.00	284.19	284.19
DISCCART	358073.00	4134647.00	283.56	283.56
DISCCART	358073.00	4134397.00	283.51	283.51
DISCCART	358073.00	4134147.00	282.20	282.20
DISCCART	358073.00	4133897.00	280.77	280.77
DISCCART	358073.00	4133647.00	277.64	277.64
DISCCART	358073.00	4133397.00	277.78	277.78
DISCCART	358073.00	4133147.00	277.05	277.05
DISCCART	358073.00	4132897.00	276.08	276.08
DISCCART	358073.00	4132647.00	275.92	275.92
DISCCART	357823.00	4134897.00	284.40	284.40
DISCCART	357823.00	4134647.00	284.41	284.41
DISCCART	357823.00	4134397.00	283.61	283.61
DISCCART	357823.00	4134147.00	282.56	282.56
DISCCART	357823.00	4133897.00	280.51	280.51
DISCCART	357823.00	4133647.00	279.21	279.21
DISCCART	357823.00	4133397.00	278.97	278.97
DISCCART	357823.00	4133147.00	278.72	278.72
DISCCART	357823.00	4132897.00	278.04	278.04
DISCCART	357823.00	4132647.00	277.51	277.51
DISCCART	357573.00	4134897.00	283.55	283.55
DISCCART	357573.00	4134647.00	284.24	284.24
DISCCART	357573.00	4134397.00	283.95	283.95
DISCCART	357573.00	4134147.00	283.58	283.58

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	357573.00	4133897.00	280.92	280.92
DISCCART	357573.00	4133647.00	280.85	280.85
DISCCART	357573.00	4133397.00	281.20	281.20
DISCCART	357573.00	4133147.00	280.17	280.17
DISCCART	357573.00	4132897.00	280.04	280.04
DISCCART	357573.00	4132647.00	280.61	280.61
DISCCART	357323.00	4134897.00	282.35	282.35
DISCCART	357323.00	4134647.00	283.29	283.29
DISCCART	357323.00	4134397.00	283.27	283.27
DISCCART	357323.00	4134147.00	282.71	282.71
DISCCART	357323.00	4133897.00	281.10	281.10
DISCCART	357323.00	4133647.00	281.49	281.49
DISCCART	357323.00	4133397.00	281.11	281.11
DISCCART	357323.00	4133147.00	280.83	280.83
DISCCART	357323.00	4132897.00	281.18	281.18
DISCCART	357323.00	4132647.00	280.60	280.60
DISCCART	357073.00	4134897.00	280.71	280.71
DISCCART	357073.00	4134647.00	281.92	281.92
DISCCART	357073.00	4134397.00	282.61	282.61
DISCCART	357073.00	4134147.00	282.19	282.19
DISCCART	357073.00	4133897.00	281.58	281.58
DISCCART	357073.00	4133647.00	280.52	280.52
DISCCART	357073.00	4133397.00	280.23	280.23
DISCCART	357073.00	4133147.00	280.21	280.21
DISCCART	357073.00	4132897.00	279.77	279.77
DISCCART	357073.00	4132647.00	279.95	279.95
DISCCART	356823.00	4134897.00	279.18	279.18
DISCCART	356823.00	4134647.00	282.13	282.13
DISCCART	356823.00	4134397.00	283.70	283.70
DISCCART	356823.00	4134147.00	281.05	281.05
DISCCART	356823.00	4133897.00	280.71	280.71
DISCCART	356823.00	4133647.00	279.92	279.92
DISCCART	356823.00	4133397.00	278.71	278.71
DISCCART	356823.00	4133147.00	278.30	278.30
DISCCART	356823.00	4132897.00	277.67	277.67
DISCCART	356823.00	4132647.00	279.85	279.85
DISCCART	356573.00	4134897.00	280.75	280.75
DISCCART	356573.00	4134647.00	283.91	283.91
DISCCART	356573.00	4134397.00	283.51	283.51
DISCCART	356573.00	4134147.00	281.92	281.92
DISCCART	356573.00	4133897.00	279.87	279.87
DISCCART	356573.00	4133647.00	278.57	278.57
DISCCART	356573.00	4133397.00	277.31	277.31
DISCCART	356573.00	4133147.00	276.92	276.92
DISCCART	356573.00	4132897.00	277.50	277.50
DISCCART	356573.00	4132647.00	280.53	280.53
DISCCART	356323.00	4134897.00	281.32	281.32
DISCCART	356323.00	4134647.00	280.46	280.46
DISCCART	356323.00	4134397.00	283.80	283.80
DISCCART	356323.00	4134147.00	280.69	280.69
DISCCART	356323.00	4133897.00	279.10	279.10
DISCCART	356323.00	4133647.00	277.92	277.92
DISCCART	356323.00	4133397.00	276.50	276.50
DISCCART	356323.00	4133147.00	275.11	275.11
DISCCART	356323.00	4132897.00	277.01	277.01
DISCCART	356323.00	4132647.00	279.66	279.66
DISCCART	356073.00	4134897.00	278.29	278.29
DISCCART	356073.00	4134647.00	279.54	279.54
DISCCART	356073.00	4134397.00	282.41	282.41
DISCCART	356073.00	4134147.00	285.64	285.64
DISCCART	356073.00	4133897.00	279.93	279.93
DISCCART	356073.00	4133647.00	277.73	277.73
DISCCART	356073.00	4133397.00	276.02	276.02
DISCCART	356073.00	4133147.00	274.64	274.64
DISCCART	356073.00	4132897.00	275.21	275.21
DISCCART	356073.00	4132647.00	276.86	276.86
DISCCART	355823.00	4134897.00	278.53	278.53
DISCCART	355823.00	4134647.00	277.61	277.61
DISCCART	355823.00	4134397.00	278.80	278.80
DISCCART	355823.00	4134147.00	278.95	278.95

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	355823.00	4133897.00	279.14	279.14
DISCCART	355823.00	4133647.00	278.07	278.07
DISCCART	355823.00	4133397.00	277.59	277.59
DISCCART	355823.00	4133147.00	274.81	274.81
DISCCART	355823.00	4132897.00	275.59	275.59
DISCCART	355823.00	4132647.00	274.94	274.94
DISCCART	358073.00	4135147.00	285.30	285.30
DISCCART	358073.00	4135397.00	286.26	286.26
DISCCART	358073.00	4135647.00	286.61	286.61
DISCCART	358073.00	4135897.00	288.06	288.06
DISCCART	358073.00	4136147.00	288.62	288.62
DISCCART	358073.00	4136397.00	289.46	289.46
DISCCART	358073.00	4136647.00	292.61	292.61
DISCCART	358073.00	4136897.00	290.95	290.95
DISCCART	358073.00	4137147.00	289.83	289.83
DISCCART	358073.00	4137397.00	290.29	290.29
DISCCART	358073.00	4137647.00	289.57	289.57
DISCCART	358073.00	4137897.00	289.97	289.97
DISCCART	358073.00	4138147.00	290.28	290.28
DISCCART	358073.00	4138397.00	292.15	292.15
DISCCART	358073.00	4138647.00	293.07	293.07
DISCCART	358073.00	4138897.00	292.96	292.96
DISCCART	358073.00	4139147.00	292.73	292.73
DISCCART	358073.00	4139397.00	290.74	290.74
DISCCART	358073.00	4139647.00	287.66	287.66
DISCCART	357823.00	4135147.00	283.90	283.90
DISCCART	357823.00	4135397.00	284.52	284.52
DISCCART	357823.00	4135647.00	284.29	284.29
DISCCART	357823.00	4135897.00	286.21	286.21
DISCCART	357823.00	4136147.00	287.27	287.27
DISCCART	357823.00	4136397.00	289.49	289.49
DISCCART	357823.00	4136647.00	292.74	292.74
DISCCART	357823.00	4136897.00	289.36	289.36
DISCCART	357823.00	4137147.00	287.08	287.08
DISCCART	357823.00	4137397.00	287.54	287.54
DISCCART	357823.00	4137647.00	289.40	289.40
DISCCART	357823.00	4137897.00	286.69	286.69
DISCCART	357823.00	4138147.00	289.55	289.55
DISCCART	357823.00	4138397.00	293.33	293.33
DISCCART	357823.00	4138647.00	292.53	292.53
DISCCART	357823.00	4138897.00	293.00	293.00
DISCCART	357823.00	4139147.00	292.41	292.41
DISCCART	357823.00	4139397.00	289.50	289.50
DISCCART	357823.00	4139647.00	287.06	287.06
DISCCART	357573.00	4135147.00	282.52	282.52
DISCCART	357573.00	4135397.00	283.31	283.31
DISCCART	357573.00	4135647.00	283.47	283.47
DISCCART	357573.00	4135897.00	284.88	284.88
DISCCART	357573.00	4136147.00	286.91	286.91
DISCCART	357573.00	4136397.00	289.66	289.66
DISCCART	357573.00	4136647.00	290.78	290.78
DISCCART	357573.00	4136897.00	290.05	290.05
DISCCART	357573.00	4137147.00	286.61	286.61
DISCCART	357573.00	4137397.00	286.60	286.60
DISCCART	357573.00	4137647.00	286.51	286.51
DISCCART	357573.00	4137897.00	289.07	289.07
DISCCART	357573.00	4138147.00	290.67	290.67
DISCCART	357573.00	4138397.00	293.06	293.06
DISCCART	357573.00	4138647.00	290.19	290.19
DISCCART	357573.00	4138897.00	292.63	292.63
DISCCART	357573.00	4139147.00	290.01	290.01
DISCCART	357573.00	4139397.00	290.66	290.66
DISCCART	357573.00	4139647.00	287.09	287.09
DISCCART	357323.00	4135147.00	280.60	280.60
DISCCART	357323.00	4135397.00	280.81	280.81
DISCCART	357323.00	4135647.00	283.91	283.91
DISCCART	357323.00	4135897.00	285.11	285.11
DISCCART	357323.00	4136147.00	286.32	286.32
DISCCART	357323.00	4136397.00	286.48	286.48
DISCCART	357323.00	4136647.00	287.84	287.84

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	357323.00	4136897.00	286.68	286.68
DISCCART	357323.00	4137147.00	285.97	285.97
DISCCART	357323.00	4137397.00	285.27	285.27
DISCCART	357323.00	4137647.00	286.59	286.59
DISCCART	357323.00	4137897.00	288.22	288.22
DISCCART	357323.00	4138147.00	289.78	289.78
DISCCART	357323.00	4138397.00	292.50	292.50
DISCCART	357323.00	4138647.00	290.76	290.76
DISCCART	357323.00	4138897.00	290.53	290.53
DISCCART	357323.00	4139147.00	290.36	290.36
DISCCART	357323.00	4139397.00	288.65	288.65
DISCCART	357323.00	4139647.00	285.25	285.25
DISCCART	357073.00	4135147.00	280.46	280.46
DISCCART	357073.00	4135397.00	281.71	281.71
DISCCART	357073.00	4135647.00	283.27	283.27
DISCCART	357073.00	4135897.00	284.41	284.41
DISCCART	357073.00	4136147.00	284.73	284.73
DISCCART	357073.00	4136397.00	284.21	284.21
DISCCART	357073.00	4136647.00	284.42	284.42
DISCCART	357073.00	4136897.00	284.44	284.44
DISCCART	357073.00	4137147.00	283.06	283.06
DISCCART	357073.00	4137397.00	286.37	286.37
DISCCART	357073.00	4137647.00	289.29	289.29
DISCCART	357073.00	4137897.00	288.73	288.73
DISCCART	357073.00	4138147.00	288.25	288.25
DISCCART	357073.00	4138397.00	291.96	291.96
DISCCART	357073.00	4138647.00	291.11	291.11
DISCCART	357073.00	4138897.00	287.98	287.98
DISCCART	357073.00	4139147.00	290.07	290.07
DISCCART	357073.00	4139397.00	289.67	289.67
DISCCART	357073.00	4139647.00	286.91	286.91
DISCCART	356823.00	4135147.00	280.28	280.28
DISCCART	356823.00	4135397.00	281.16	281.16
DISCCART	356823.00	4135647.00	282.33	282.33
DISCCART	356823.00	4135897.00	283.20	283.20
DISCCART	356823.00	4136147.00	284.16	284.16
DISCCART	356823.00	4136397.00	280.26	280.26
DISCCART	356823.00	4136647.00	281.60	281.60
DISCCART	356823.00	4136897.00	280.93	280.93
DISCCART	356823.00	4137147.00	286.27	286.27
DISCCART	356823.00	4137397.00	286.19	286.19
DISCCART	356823.00	4137647.00	284.89	284.89
DISCCART	356823.00	4137897.00	285.58	285.58
DISCCART	356823.00	4138147.00	288.09	288.09
DISCCART	356823.00	4138397.00	287.66	287.66
DISCCART	356823.00	4138647.00	286.19	286.19
DISCCART	356823.00	4138897.00	286.77	286.77
DISCCART	356823.00	4139147.00	289.69	289.69
DISCCART	356823.00	4139397.00	287.17	287.17
DISCCART	356823.00	4139647.00	287.11	287.11
DISCCART	356573.00	4135147.00	277.51	277.51
DISCCART	356573.00	4135397.00	279.06	279.06
DISCCART	356573.00	4135647.00	280.58	280.58
DISCCART	356573.00	4135897.00	282.86	282.86
DISCCART	356573.00	4136147.00	284.31	284.31
DISCCART	356573.00	4136397.00	279.30	279.30
DISCCART	356573.00	4136647.00	278.67	278.67
DISCCART	356573.00	4136897.00	280.27	280.27
DISCCART	356573.00	4137147.00	280.71	280.71
DISCCART	356573.00	4137397.00	282.74	282.74
DISCCART	356573.00	4137647.00	284.99	284.99
DISCCART	356573.00	4137897.00	286.54	286.54
DISCCART	356573.00	4138147.00	288.87	288.87
DISCCART	356573.00	4138397.00	286.74	286.74
DISCCART	356573.00	4138647.00	284.25	284.25
DISCCART	356573.00	4138897.00	286.92	286.92
DISCCART	356573.00	4139147.00	287.59	287.59
DISCCART	356573.00	4139397.00	285.89	285.89
DISCCART	356573.00	4139647.00	284.22	284.22
DISCCART	356323.00	4135147.00	277.25	277.25

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	356323.00	4135397.00	279.14	279.14
DISCCART	356323.00	4135647.00	280.56	280.56
DISCCART	356323.00	4135897.00	280.40	280.40
DISCCART	356323.00	4136147.00	280.45	280.45
DISCCART	356323.00	4136397.00	279.03	279.03
DISCCART	356323.00	4136647.00	281.82	281.82
DISCCART	356323.00	4136897.00	282.47	282.47
DISCCART	356323.00	4137147.00	283.59	283.59
DISCCART	356323.00	4137397.00	284.02	284.02
DISCCART	356323.00	4137647.00	284.69	284.69
DISCCART	356323.00	4137897.00	285.60	285.60
DISCCART	356323.00	4138147.00	288.13	288.13
DISCCART	356323.00	4138397.00	293.10	293.10
DISCCART	356323.00	4138647.00	286.92	286.92
DISCCART	356323.00	4138897.00	280.57	280.57
DISCCART	356323.00	4139147.00	284.06	284.06
DISCCART	356323.00	4139397.00	281.48	281.48
DISCCART	356323.00	4139647.00	283.84	283.84
DISCCART	356073.00	4135147.00	275.09	275.09
DISCCART	356073.00	4135397.00	275.20	275.20
DISCCART	356073.00	4135647.00	274.68	274.68
DISCCART	356073.00	4135897.00	274.50	274.50
DISCCART	356073.00	4136147.00	277.33	277.33
DISCCART	356073.00	4136397.00	278.21	278.21
DISCCART	356073.00	4136647.00	282.41	282.41
DISCCART	356073.00	4136897.00	283.16	283.16
DISCCART	356073.00	4137147.00	285.45	285.45
DISCCART	356073.00	4137397.00	286.53	286.53
DISCCART	356073.00	4137647.00	286.95	286.95
DISCCART	356073.00	4137897.00	287.75	287.75
DISCCART	356073.00	4138147.00	289.25	289.25
DISCCART	356073.00	4138397.00	292.21	292.21
DISCCART	356073.00	4138647.00	286.22	286.22
DISCCART	356073.00	4138897.00	282.03	282.03
DISCCART	356073.00	4139147.00	281.49	281.49
DISCCART	356073.00	4139397.00	284.25	284.25
DISCCART	356073.00	4139647.00	286.76	286.76
DISCCART	355823.00	4135147.00	275.10	275.10
DISCCART	355823.00	4135397.00	277.46	277.46
DISCCART	355823.00	4135647.00	278.09	278.09
DISCCART	355823.00	4135897.00	279.81	279.81
DISCCART	355823.00	4136147.00	280.46	280.46
DISCCART	355823.00	4136397.00	280.89	280.89
DISCCART	355823.00	4136647.00	283.73	283.73
DISCCART	355823.00	4136897.00	283.87	283.87
DISCCART	355823.00	4137147.00	284.38	284.38
DISCCART	355823.00	4137397.00	285.71	285.71
DISCCART	355823.00	4137647.00	286.38	286.38
DISCCART	355823.00	4137897.00	287.30	287.30
DISCCART	355823.00	4138147.00	289.42	289.42
DISCCART	355823.00	4138397.00	288.97	288.97
DISCCART	355823.00	4138647.00	283.70	283.70
DISCCART	355823.00	4138897.00	280.68	280.68
DISCCART	355823.00	4139147.00	281.36	281.36
DISCCART	355823.00	4139397.00	283.46	283.46
DISCCART	355823.00	4139647.00	284.22	284.22
DISCCART	355823.00	4140147.00	286.48	286.48
DISCCART	355823.00	4140647.00	285.92	285.92
DISCCART	355823.00	4141147.00	282.30	282.30
DISCCART	355823.00	4141647.00	280.54	280.54
DISCCART	355823.00	4142147.00	278.50	278.50
DISCCART	355823.00	4142647.00	277.45	277.45
DISCCART	355823.00	4143147.00	281.32	281.32
DISCCART	355823.00	4143647.00	280.53	280.53
DISCCART	355823.00	4144147.00	280.80	280.80
DISCCART	355823.00	4144647.00	279.59	279.59
DISCCART	355823.00	4145147.00	279.51	281.07
DISCCART	355823.00	4145647.00	281.89	281.89
DISCCART	355823.00	4146147.00	286.58	286.58
DISCCART	356323.00	4140147.00	288.12	288.12

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	356323.00	4140647.00	287.20	287.20
DISCCART	356323.00	4141147.00	282.71	282.71
DISCCART	356323.00	4141647.00	281.64	281.64
DISCCART	356323.00	4142147.00	281.61	281.61
DISCCART	356323.00	4142647.00	281.00	281.00
DISCCART	356323.00	4143147.00	283.72	283.72
DISCCART	356323.00	4143647.00	283.58	283.58
DISCCART	356323.00	4144147.00	286.48	286.48
DISCCART	356323.00	4144647.00	287.50	287.50
DISCCART	356323.00	4145147.00	283.01	283.01
DISCCART	356323.00	4145647.00	281.42	281.42
DISCCART	356323.00	4146147.00	281.38	281.38
DISCCART	356823.00	4140147.00	285.15	285.15
DISCCART	356823.00	4140647.00	286.79	286.79
DISCCART	356823.00	4141147.00	284.70	284.70
DISCCART	356823.00	4141647.00	285.64	285.64
DISCCART	356823.00	4142147.00	286.05	286.05
DISCCART	356823.00	4142647.00	282.75	282.75
DISCCART	356823.00	4143147.00	283.57	283.57
DISCCART	356823.00	4143647.00	286.08	286.08
DISCCART	356823.00	4144147.00	289.87	289.87
DISCCART	356823.00	4144647.00	289.80	289.80
DISCCART	356823.00	4145147.00	285.82	285.82
DISCCART	356823.00	4145647.00	283.72	283.72
DISCCART	356823.00	4146147.00	286.72	286.72
DISCCART	357323.00	4140147.00	290.20	290.20
DISCCART	357323.00	4140647.00	286.71	286.71
DISCCART	357323.00	4141147.00	289.75	289.75
DISCCART	357323.00	4141647.00	286.57	286.57
DISCCART	357323.00	4142147.00	288.10	288.10
DISCCART	357323.00	4142647.00	287.45	287.45
DISCCART	357323.00	4143147.00	286.40	286.40
DISCCART	357323.00	4143647.00	288.02	288.02
DISCCART	357323.00	4144147.00	290.11	290.11
DISCCART	357323.00	4144647.00	292.63	292.63
DISCCART	357323.00	4145147.00	294.08	294.08
DISCCART	357323.00	4145647.00	285.24	285.24
DISCCART	357323.00	4146147.00	289.55	289.55
DISCCART	357823.00	4140147.00	289.96	289.96
DISCCART	357823.00	4140647.00	290.73	290.73
DISCCART	357823.00	4141147.00	289.28	289.28
DISCCART	357823.00	4141647.00	287.10	287.10
DISCCART	357823.00	4142147.00	289.65	289.65
DISCCART	357823.00	4142647.00	291.61	291.61
DISCCART	357823.00	4143147.00	286.63	286.63
DISCCART	357823.00	4143647.00	286.29	286.29
DISCCART	357823.00	4144147.00	289.70	289.70
DISCCART	357823.00	4144647.00	296.85	296.85
DISCCART	357823.00	4145147.00	295.80	295.80
DISCCART	357823.00	4145647.00	286.65	286.65
DISCCART	357823.00	4146147.00	289.98	289.98
DISCCART	358323.00	4140147.00	289.04	289.04
DISCCART	358323.00	4140647.00	291.25	291.25
DISCCART	358323.00	4141147.00	290.06	290.06
DISCCART	358323.00	4141647.00	291.08	291.08
DISCCART	358323.00	4142147.00	291.60	291.60
DISCCART	358323.00	4142647.00	293.16	293.16
DISCCART	358323.00	4143147.00	296.33	296.33
DISCCART	358323.00	4143647.00	291.64	291.64
DISCCART	358323.00	4144147.00	289.83	289.83
DISCCART	358323.00	4144647.00	292.72	292.72
DISCCART	358323.00	4145147.00	289.72	289.72
DISCCART	358323.00	4145647.00	287.36	298.16
DISCCART	358323.00	4146147.00	290.93	295.80
DISCCART	358823.00	4140147.00	295.05	295.05
DISCCART	358823.00	4140647.00	295.76	295.76
DISCCART	358823.00	4141147.00	295.02	295.02
DISCCART	358823.00	4141647.00	293.59	293.59
DISCCART	358823.00	4142147.00	292.30	292.30
DISCCART	358823.00	4142647.00	290.75	290.75



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358823.00	4143147.00	295.41	295.41
DISCCART	358823.00	4143647.00	293.44	293.44
DISCCART	358823.00	4144147.00	292.67	292.67
DISCCART	358823.00	4144647.00	295.76	295.76
DISCCART	358823.00	4145147.00	296.15	296.15
DISCCART	358823.00	4145647.00	295.82	295.82
DISCCART	358823.00	4146147.00	294.71	294.71
DISCCART	359323.00	4140147.00	295.75	295.75
DISCCART	359323.00	4140647.00	296.51	296.51
DISCCART	359323.00	4141147.00	292.90	292.90
DISCCART	359323.00	4141647.00	290.66	290.66
DISCCART	359323.00	4142147.00	290.31	290.31
DISCCART	359323.00	4142647.00	287.20	287.20
DISCCART	359323.00	4143147.00	290.33	290.33
DISCCART	359323.00	4143647.00	289.67	289.67
DISCCART	359323.00	4144147.00	290.74	290.74
DISCCART	359323.00	4144647.00	292.81	292.81
DISCCART	359323.00	4145147.00	292.74	292.74
DISCCART	359323.00	4145647.00	292.69	292.69
DISCCART	359323.00	4146147.00	297.26	298.73
DISCCART	359823.00	4140147.00	295.76	295.76
DISCCART	359823.00	4140647.00	292.85	292.85
DISCCART	359823.00	4141147.00	292.57	292.57
DISCCART	359823.00	4141647.00	289.09	289.09
DISCCART	359823.00	4142147.00	286.33	286.33
DISCCART	359823.00	4142647.00	287.18	287.18
DISCCART	359823.00	4143147.00	287.49	287.49
DISCCART	359823.00	4143647.00	290.46	290.46
DISCCART	359823.00	4144147.00	292.84	292.84
DISCCART	359823.00	4144647.00	291.75	291.75
DISCCART	359823.00	4145147.00	292.63	292.63
DISCCART	359823.00	4145647.00	292.65	292.65
DISCCART	359823.00	4146147.00	292.73	292.73
DISCCART	360323.00	4140147.00	295.76	295.76
DISCCART	360323.00	4140647.00	292.90	292.90
DISCCART	360323.00	4141147.00	290.53	290.53
DISCCART	360323.00	4141647.00	289.85	289.85
DISCCART	360323.00	4142147.00	288.99	288.99
DISCCART	360323.00	4142647.00	286.66	286.66
DISCCART	360323.00	4143147.00	287.05	287.05
DISCCART	360323.00	4143647.00	289.76	289.76
DISCCART	360323.00	4144147.00	288.58	288.58
DISCCART	360323.00	4144647.00	292.14	292.14
DISCCART	360323.00	4145147.00	293.33	293.33
DISCCART	360323.00	4145647.00	293.37	293.37
DISCCART	360323.00	4146147.00	290.14	290.14
DISCCART	360823.00	4140147.00	294.97	294.97
DISCCART	360823.00	4140647.00	290.56	290.56
DISCCART	360823.00	4141147.00	290.63	290.63
DISCCART	360823.00	4141647.00	285.94	285.94
DISCCART	360823.00	4142147.00	286.04	286.04
DISCCART	360823.00	4142647.00	285.21	285.21
DISCCART	360823.00	4143147.00	290.02	290.02
DISCCART	360823.00	4143647.00	290.39	290.39
DISCCART	360823.00	4144147.00	289.38	289.38
DISCCART	360823.00	4144647.00	293.21	293.21
DISCCART	360823.00	4145147.00	292.85	292.85
DISCCART	360823.00	4145647.00	291.66	291.66
DISCCART	360823.00	4146147.00	290.34	290.34
DISCCART	361323.00	4140147.00	293.86	293.86
DISCCART	361323.00	4140647.00	289.30	289.30
DISCCART	361323.00	4141147.00	284.94	284.94
DISCCART	361323.00	4141647.00	286.78	286.78
DISCCART	361323.00	4142147.00	279.96	279.96
DISCCART	361323.00	4142647.00	286.75	286.75
DISCCART	361323.00	4143147.00	290.16	290.16
DISCCART	361323.00	4143647.00	287.33	287.33
DISCCART	361323.00	4144147.00	290.16	290.16
DISCCART	361323.00	4144647.00	289.79	289.79
DISCCART	361323.00	4145147.00	293.18	293.18

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	361323.00	4145647.00	290.88	290.88
DISCCART	361323.00	4146147.00	286.80	286.80
DISCCART	361823.00	4140147.00	292.89	292.89
DISCCART	361823.00	4140647.00	289.85	289.85
DISCCART	361823.00	4141147.00	286.24	286.24
DISCCART	361823.00	4141647.00	279.32	279.32
DISCCART	361823.00	4142147.00	280.76	280.76
DISCCART	361823.00	4142647.00	284.85	284.85
DISCCART	361823.00	4143147.00	287.89	287.89
DISCCART	361823.00	4143647.00	284.68	284.68
DISCCART	361823.00	4144147.00	288.39	288.39
DISCCART	361823.00	4144647.00	291.19	291.19
DISCCART	361823.00	4145147.00	292.46	292.46
DISCCART	361823.00	4145647.00	290.42	290.42
DISCCART	361823.00	4146147.00	285.25	285.25
DISCCART	362323.00	4140147.00	289.10	289.10
DISCCART	362323.00	4140647.00	285.90	285.90
DISCCART	362323.00	4141147.00	284.95	284.95
DISCCART	362323.00	4141647.00	279.39	279.39
DISCCART	362323.00	4142147.00	281.14	281.14
DISCCART	362323.00	4142647.00	286.77	286.77
DISCCART	362323.00	4143147.00	286.45	286.45
DISCCART	362323.00	4143647.00	282.91	282.91
DISCCART	362323.00	4144147.00	287.02	287.02
DISCCART	362323.00	4144647.00	290.37	290.37
DISCCART	362323.00	4145147.00	289.83	289.83
DISCCART	362323.00	4145647.00	287.78	287.78
DISCCART	362323.00	4146147.00	286.01	286.01
DISCCART	362823.00	4140147.00	286.97	286.97
DISCCART	362823.00	4140647.00	286.95	286.95
DISCCART	362823.00	4141147.00	284.23	284.23
DISCCART	362823.00	4141647.00	278.60	278.60
DISCCART	362823.00	4142147.00	280.47	280.47
DISCCART	362823.00	4142647.00	283.88	283.88
DISCCART	362823.00	4143147.00	280.43	280.43
DISCCART	362823.00	4143647.00	287.00	287.00
DISCCART	362823.00	4144147.00	287.88	287.88
DISCCART	362823.00	4144647.00	286.59	286.59
DISCCART	362823.00	4145147.00	288.66	288.66
DISCCART	362823.00	4145647.00	280.97	284.25
DISCCART	362823.00	4146147.00	283.58	283.58
DISCCART	363323.00	4140147.00	287.33	287.33
DISCCART	363323.00	4140647.00	281.87	281.87
DISCCART	363323.00	4141147.00	280.45	280.45
DISCCART	363323.00	4141647.00	284.03	284.03
DISCCART	363323.00	4142147.00	277.68	277.68
DISCCART	363323.00	4142647.00	276.53	276.53
DISCCART	363323.00	4143147.00	282.64	282.64
DISCCART	363323.00	4143647.00	285.46	285.46
DISCCART	363323.00	4144147.00	283.64	283.64
DISCCART	363323.00	4144647.00	284.67	284.67
DISCCART	363323.00	4145147.00	283.04	283.04
DISCCART	363323.00	4145647.00	280.68	280.68
DISCCART	363323.00	4146147.00	280.62	280.62
DISCCART	363823.00	4140147.00	283.48	283.48
DISCCART	363823.00	4140647.00	283.57	283.57
DISCCART	363823.00	4141147.00	283.88	283.88
DISCCART	363823.00	4141647.00	283.97	283.97
DISCCART	363823.00	4142147.00	276.71	276.71
DISCCART	363823.00	4142647.00	280.41	280.41
DISCCART	363823.00	4143147.00	283.42	283.42
DISCCART	363823.00	4143647.00	284.17	284.17
DISCCART	363823.00	4144147.00	280.54	280.54
DISCCART	363823.00	4144647.00	278.27	278.27
DISCCART	363823.00	4145147.00	281.80	281.80
DISCCART	363823.00	4145647.00	282.52	282.52
DISCCART	363823.00	4146147.00	286.24	286.24
DISCCART	364323.00	4140147.00	277.66	277.66
DISCCART	364323.00	4140647.00	274.84	274.84
DISCCART	364323.00	4141147.00	277.24	277.24

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	364323.00	4141647.00	275.00	275.00
DISCCART	364323.00	4142147.00	279.93	279.93
DISCCART	364323.00	4142647.00	281.61	281.61
DISCCART	364323.00	4143147.00	275.51	275.51
DISCCART	364323.00	4143647.00	277.67	277.67
DISCCART	364323.00	4144147.00	279.18	279.18
DISCCART	364323.00	4144647.00	283.95	283.95
DISCCART	364323.00	4145147.00	286.95	286.95
DISCCART	364323.00	4145647.00	287.92	287.92
DISCCART	364323.00	4146147.00	284.69	284.69
DISCCART	364823.00	4140147.00	277.90	277.90
DISCCART	364823.00	4140647.00	275.75	275.75
DISCCART	364823.00	4141147.00	278.01	278.01
DISCCART	364823.00	4141647.00	279.36	279.36
DISCCART	364823.00	4142147.00	279.13	279.13
DISCCART	364823.00	4142647.00	279.37	279.37
DISCCART	364823.00	4143147.00	280.54	280.54
DISCCART	364823.00	4143647.00	277.92	277.92
DISCCART	364823.00	4144147.00	283.89	283.89
DISCCART	364823.00	4144647.00	286.71	286.71
DISCCART	364823.00	4145147.00	287.61	287.61
DISCCART	364823.00	4145647.00	290.85	290.85
DISCCART	364823.00	4146147.00	292.02	292.02
DISCCART	365323.00	4140147.00	278.19	278.19
DISCCART	365323.00	4140647.00	284.36	284.36
DISCCART	365323.00	4141147.00	283.48	283.48
DISCCART	365323.00	4141647.00	284.58	284.58
DISCCART	365323.00	4142147.00	280.80	280.80
DISCCART	365323.00	4142647.00	282.42	282.42
DISCCART	365323.00	4143147.00	283.16	283.16
DISCCART	365323.00	4143647.00	278.97	278.97
DISCCART	365323.00	4144147.00	279.19	279.19
DISCCART	365323.00	4144647.00	281.69	281.69
DISCCART	365323.00	4145147.00	284.82	284.82
DISCCART	365323.00	4145647.00	289.73	289.73
DISCCART	365323.00	4146147.00	291.54	291.54
DISCCART	365823.00	4140147.00	287.21	287.21
DISCCART	365823.00	4140647.00	284.49	284.49
DISCCART	365823.00	4141147.00	285.54	285.54
DISCCART	365823.00	4141647.00	287.70	287.70
DISCCART	365823.00	4142147.00	289.88	289.88
DISCCART	365823.00	4142647.00	287.20	287.20
DISCCART	365823.00	4143147.00	286.88	286.88
DISCCART	365823.00	4143647.00	280.62	280.62
DISCCART	365823.00	4144147.00	286.12	286.12
DISCCART	365823.00	4144647.00	280.46	280.46
DISCCART	365823.00	4145147.00	281.06	281.06
DISCCART	365823.00	4145647.00	284.37	284.37
DISCCART	365823.00	4146147.00	285.28	285.28
DISCCART	366323.00	4140147.00	283.63	283.63
DISCCART	366323.00	4140647.00	286.32	286.32
DISCCART	366323.00	4141147.00	287.90	287.90
DISCCART	366323.00	4141647.00	287.60	287.60
DISCCART	366323.00	4142147.00	292.42	292.42
DISCCART	366323.00	4142647.00	286.65	286.65
DISCCART	366323.00	4143147.00	286.65	286.65
DISCCART	366323.00	4143647.00	285.25	285.25
DISCCART	366323.00	4144147.00	288.39	288.39
DISCCART	366323.00	4144647.00	286.99	286.99
DISCCART	366323.00	4145147.00	288.75	288.75
DISCCART	366323.00	4145647.00	286.81	286.81
DISCCART	366323.00	4146147.00	281.46	281.46
DISCCART	366823.00	4140147.00	282.43	282.43
DISCCART	366823.00	4140647.00	286.77	286.77
DISCCART	366823.00	4141147.00	286.24	286.24
DISCCART	366823.00	4141647.00	290.15	290.15
DISCCART	366823.00	4142147.00	290.64	290.64
DISCCART	366823.00	4142647.00	291.29	291.29
DISCCART	366823.00	4143147.00	290.07	290.07
DISCCART	366823.00	4143647.00	289.89	289.89

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	366823.00	4144147.00	289.89	289.89
DISCCART	366823.00	4144647.00	290.07	290.07
DISCCART	366823.00	4145147.00	290.48	290.48
DISCCART	366823.00	4145647.00	291.30	291.30
DISCCART	366823.00	4146147.00	290.04	290.04
DISCCART	367323.00	4140147.00	275.64	275.64
DISCCART	367323.00	4140647.00	279.23	279.23
DISCCART	367323.00	4141147.00	285.43	285.43
DISCCART	367323.00	4141647.00	283.30	283.30
DISCCART	367323.00	4142147.00	289.30	289.30
DISCCART	367323.00	4142647.00	292.84	292.84
DISCCART	367323.00	4143147.00	292.27	292.27
DISCCART	367323.00	4143647.00	290.22	290.22
DISCCART	367323.00	4144147.00	292.88	292.88
DISCCART	367323.00	4144647.00	290.93	290.93
DISCCART	367323.00	4145147.00	291.59	291.59
DISCCART	367323.00	4145647.00	292.42	292.42
DISCCART	367323.00	4146147.00	290.16	290.16
DISCCART	367823.00	4140147.00	281.26	281.26
DISCCART	367823.00	4140647.00	273.26	273.26
DISCCART	367823.00	4141147.00	280.41	280.41
DISCCART	367823.00	4141647.00	284.49	284.49
DISCCART	367823.00	4142147.00	288.57	288.57
DISCCART	367823.00	4142647.00	287.68	287.68
DISCCART	367823.00	4143147.00	292.95	292.95
DISCCART	367823.00	4143647.00	290.51	290.51
DISCCART	367823.00	4144147.00	289.43	289.43
DISCCART	367823.00	4144647.00	292.00	292.00
DISCCART	367823.00	4145147.00	293.45	293.45
DISCCART	367823.00	4145647.00	293.30	293.30
DISCCART	367823.00	4146147.00	292.90	292.90
DISCCART	368323.00	4140147.00	283.82	283.82
DISCCART	368323.00	4140647.00	277.09	277.09
DISCCART	368323.00	4141147.00	277.03	277.03
DISCCART	368323.00	4141647.00	279.19	279.19
DISCCART	368323.00	4142147.00	281.43	281.43
DISCCART	368323.00	4142647.00	285.85	285.85
DISCCART	368323.00	4143147.00	286.94	286.94
DISCCART	368323.00	4143647.00	284.99	284.99
DISCCART	368323.00	4144147.00	286.42	286.42
DISCCART	368323.00	4144647.00	288.35	288.35
DISCCART	368323.00	4145147.00	292.68	292.68
DISCCART	368323.00	4145647.00	292.79	292.79
DISCCART	368323.00	4146147.00	294.71	294.71
DISCCART	368823.00	4140147.00	281.06	281.06
DISCCART	368823.00	4140647.00	285.92	285.92
DISCCART	368823.00	4141147.00	280.88	280.88
DISCCART	368823.00	4141647.00	280.60	280.60
DISCCART	368823.00	4142147.00	282.14	282.14
DISCCART	368823.00	4142647.00	281.58	281.58
DISCCART	368823.00	4143147.00	285.08	285.08
DISCCART	368823.00	4143647.00	287.04	287.04
DISCCART	368823.00	4144147.00	290.24	290.24
DISCCART	368823.00	4144647.00	288.34	288.34
DISCCART	368823.00	4145147.00	290.01	290.01
DISCCART	368823.00	4145647.00	292.94	292.94
DISCCART	368823.00	4146147.00	295.81	295.81
DISCCART	369323.00	4140147.00	286.72	286.72
DISCCART	369323.00	4140647.00	287.23	287.23
DISCCART	369323.00	4141147.00	285.87	285.87
DISCCART	369323.00	4141647.00	281.34	281.34
DISCCART	369323.00	4142147.00	286.06	286.06
DISCCART	369323.00	4142647.00	283.49	283.49
DISCCART	369323.00	4143147.00	286.77	286.77
DISCCART	369323.00	4143647.00	292.82	292.82
DISCCART	369323.00	4144147.00	292.73	292.73
DISCCART	369323.00	4144647.00	293.83	293.83
DISCCART	369323.00	4145147.00	293.72	293.72
DISCCART	369323.00	4145647.00	292.57	292.57
DISCCART	369323.00	4146147.00	290.80	290.80

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	363323.00	4139647.00	286.78	286.78
DISCCART	363323.00	4139147.00	293.61	293.61
DISCCART	363323.00	4138647.00	291.95	291.95
DISCCART	363323.00	4138147.00	293.15	293.15
DISCCART	363323.00	4137647.00	292.87	292.87
DISCCART	363323.00	4137147.00	293.75	293.75
DISCCART	363323.00	4136647.00	293.12	293.12
DISCCART	363323.00	4136147.00	288.45	288.45
DISCCART	363323.00	4135647.00	287.80	287.80
DISCCART	363323.00	4135147.00	289.66	289.66
DISCCART	363323.00	4134647.00	286.95	286.95
DISCCART	363323.00	4134147.00	281.32	281.32
DISCCART	363323.00	4133647.00	277.09	278.08
DISCCART	363323.00	4133147.00	287.30	287.30
DISCCART	363323.00	4132647.00	278.35	278.35
DISCCART	363323.00	4132147.00	275.79	275.79
DISCCART	363323.00	4131647.00	271.21	271.21
DISCCART	363323.00	4131147.00	268.16	268.16
DISCCART	363323.00	4130647.00	271.70	271.70
DISCCART	363323.00	4130147.00	270.84	270.84
DISCCART	363323.00	4129647.00	272.91	272.91
DISCCART	363323.00	4129147.00	271.28	271.28
DISCCART	363323.00	4128647.00	268.81	268.81
DISCCART	363323.00	4128147.00	268.81	268.81
DISCCART	363323.00	4127647.00	268.47	268.47
DISCCART	363323.00	4127147.00	268.06	268.06
DISCCART	363323.00	4126647.00	266.03	266.03
DISCCART	363323.00	4126147.00	265.76	265.76
DISCCART	363823.00	4139647.00	284.53	284.53
DISCCART	363823.00	4139147.00	290.99	290.99
DISCCART	363823.00	4138647.00	295.46	295.46
DISCCART	363823.00	4138147.00	292.64	292.64
DISCCART	363823.00	4137647.00	286.96	286.96
DISCCART	363823.00	4137147.00	293.33	293.33
DISCCART	363823.00	4136647.00	290.74	290.74
DISCCART	363823.00	4136147.00	291.89	291.89
DISCCART	363823.00	4135647.00	290.08	290.08
DISCCART	363823.00	4135147.00	280.98	280.98
DISCCART	363823.00	4134647.00	287.32	287.32
DISCCART	363823.00	4134147.00	286.79	286.79
DISCCART	363823.00	4133647.00	274.94	274.94
DISCCART	363823.00	4133147.00	281.98	283.15
DISCCART	363823.00	4132647.00	274.08	274.08
DISCCART	363823.00	4132147.00	272.10	272.10
DISCCART	363823.00	4131647.00	267.61	267.61
DISCCART	363823.00	4131147.00	266.45	266.45
DISCCART	363823.00	4130647.00	264.94	264.94
DISCCART	363823.00	4130147.00	265.09	265.09
DISCCART	363823.00	4129647.00	262.10	265.21
DISCCART	363823.00	4129147.00	270.42	270.42
DISCCART	363823.00	4128647.00	267.68	267.68
DISCCART	363823.00	4128147.00	263.88	263.88
DISCCART	363823.00	4127647.00	259.04	259.04
DISCCART	363823.00	4127147.00	263.54	263.54
DISCCART	363823.00	4126647.00	262.71	262.71
DISCCART	363823.00	4126147.00	259.20	259.20
DISCCART	364323.00	4139647.00	279.27	279.27
DISCCART	364323.00	4139147.00	283.64	283.64
DISCCART	364323.00	4138647.00	291.62	291.62
DISCCART	364323.00	4138147.00	289.42	289.42
DISCCART	364323.00	4137647.00	286.43	286.43
DISCCART	364323.00	4137147.00	290.94	290.94
DISCCART	364323.00	4136647.00	287.70	287.70
DISCCART	364323.00	4136147.00	290.29	290.29
DISCCART	364323.00	4135647.00	290.01	290.01
DISCCART	364323.00	4135147.00	287.78	287.78
DISCCART	364323.00	4134647.00	273.09	273.09
DISCCART	364323.00	4134147.00	286.94	286.94
DISCCART	364323.00	4133647.00	274.69	274.69
DISCCART	364323.00	4133147.00	270.47	270.47

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	364323.00	4132647.00	270.90	270.90
DISCCART	364323.00	4132147.00	268.30	268.30
DISCCART	364323.00	4131647.00	265.37	265.37
DISCCART	364323.00	4131147.00	266.46	266.46
DISCCART	364323.00	4130647.00	262.59	262.59
DISCCART	364323.00	4130147.00	262.32	262.32
DISCCART	364323.00	4129647.00	267.82	267.82
DISCCART	364323.00	4129147.00	267.90	267.90
DISCCART	364323.00	4128647.00	259.45	262.32
DISCCART	364323.00	4128147.00	263.81	263.81
DISCCART	364323.00	4127647.00	258.30	263.35
DISCCART	364323.00	4127147.00	265.51	265.51
DISCCART	364323.00	4126647.00	263.71	263.71
DISCCART	364323.00	4126147.00	262.61	262.61
DISCCART	364823.00	4139647.00	275.79	275.79
DISCCART	364823.00	4139147.00	277.65	277.65
DISCCART	364823.00	4138647.00	287.79	287.79
DISCCART	364823.00	4138147.00	280.07	280.07
DISCCART	364823.00	4137647.00	276.60	282.27
DISCCART	364823.00	4137147.00	290.76	290.76
DISCCART	364823.00	4136647.00	285.41	285.41
DISCCART	364823.00	4136147.00	287.16	287.16
DISCCART	364823.00	4135647.00	292.81	292.81
DISCCART	364823.00	4135147.00	288.04	288.04
DISCCART	364823.00	4134647.00	289.35	289.35
DISCCART	364823.00	4134147.00	268.73	268.73
DISCCART	364823.00	4133647.00	270.06	270.06
DISCCART	364823.00	4133147.00	267.20	267.20
DISCCART	364823.00	4132647.00	265.31	265.31
DISCCART	364823.00	4132147.00	265.31	265.31
DISCCART	364823.00	4131647.00	265.26	265.26
DISCCART	364823.00	4131147.00	266.67	266.67
DISCCART	364823.00	4130647.00	265.84	265.84
DISCCART	364823.00	4130147.00	268.55	268.55
DISCCART	364823.00	4129647.00	269.50	269.50
DISCCART	364823.00	4129147.00	269.43	269.43
DISCCART	364823.00	4128647.00	266.05	266.05
DISCCART	364823.00	4128147.00	260.97	260.97
DISCCART	364823.00	4127647.00	260.28	266.23
DISCCART	364823.00	4127147.00	265.36	265.36
DISCCART	364823.00	4126647.00	263.42	263.42
DISCCART	364823.00	4126147.00	262.57	262.57
DISCCART	365323.00	4139647.00	275.33	275.33
DISCCART	365323.00	4139147.00	274.48	274.48
DISCCART	365323.00	4138647.00	274.37	274.37
DISCCART	365323.00	4138147.00	273.28	273.28
DISCCART	365323.00	4137647.00	283.15	286.16
DISCCART	365323.00	4137147.00	284.82	284.82
DISCCART	365323.00	4136647.00	283.24	283.24
DISCCART	365323.00	4136147.00	284.55	284.55
DISCCART	365323.00	4135647.00	290.27	290.27
DISCCART	365323.00	4135147.00	290.15	290.15
DISCCART	365323.00	4134647.00	270.90	270.90
DISCCART	365323.00	4134147.00	267.22	267.22
DISCCART	365323.00	4133647.00	265.31	265.31
DISCCART	365323.00	4133147.00	265.80	265.80
DISCCART	365323.00	4132647.00	267.59	267.59
DISCCART	365323.00	4132147.00	269.41	269.41
DISCCART	365323.00	4131647.00	269.75	269.75
DISCCART	365323.00	4131147.00	271.87	271.87
DISCCART	365323.00	4130647.00	271.77	271.77
DISCCART	365323.00	4130147.00	273.05	273.05
DISCCART	365323.00	4129647.00	272.61	272.61
DISCCART	365323.00	4129147.00	271.40	271.40
DISCCART	365323.00	4128647.00	267.48	267.48
DISCCART	365323.00	4128147.00	265.82	265.82
DISCCART	365323.00	4127647.00	265.27	265.27
DISCCART	365323.00	4127147.00	265.81	265.81
DISCCART	365323.00	4126647.00	262.76	262.76
DISCCART	365323.00	4126147.00	262.11	262.11

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	365823.00	4139647.00	277.47	277.47
DISCCART	365823.00	4139147.00	275.23	275.23
DISCCART	365823.00	4138647.00	271.50	271.50
DISCCART	365823.00	4138147.00	274.28	274.28
DISCCART	365823.00	4137647.00	270.94	271.42
DISCCART	365823.00	4137147.00	280.42	280.42
DISCCART	365823.00	4136647.00	273.16	280.45
DISCCART	365823.00	4136147.00	268.39	268.39
DISCCART	365823.00	4135647.00	269.02	269.02
DISCCART	365823.00	4135147.00	265.25	269.00
DISCCART	365823.00	4134647.00	269.49	269.49
DISCCART	365823.00	4134147.00	270.26	270.26
DISCCART	365823.00	4133647.00	267.14	267.14
DISCCART	365823.00	4133147.00	270.50	270.50
DISCCART	365823.00	4132647.00	271.35	271.35
DISCCART	365823.00	4132147.00	274.02	274.02
DISCCART	365823.00	4131647.00	268.62	268.62
DISCCART	365823.00	4131147.00	275.81	275.81
DISCCART	365823.00	4130647.00	276.30	276.30
DISCCART	365823.00	4130147.00	276.01	276.01
DISCCART	365823.00	4129647.00	273.74	273.74
DISCCART	365823.00	4129147.00	271.41	271.41
DISCCART	365823.00	4128647.00	269.17	269.17
DISCCART	365823.00	4128147.00	262.89	262.89
DISCCART	365823.00	4127647.00	264.94	264.94
DISCCART	365823.00	4127147.00	265.81	265.81
DISCCART	365823.00	4126647.00	262.72	262.72
DISCCART	365823.00	4126147.00	262.31	262.31
DISCCART	366323.00	4139647.00	277.60	277.60
DISCCART	366323.00	4139147.00	274.30	274.30
DISCCART	366323.00	4138647.00	274.69	276.74
DISCCART	366323.00	4138147.00	288.41	288.41
DISCCART	366323.00	4137647.00	273.62	273.62
DISCCART	366323.00	4137147.00	268.50	268.50
DISCCART	366323.00	4136647.00	270.06	270.06
DISCCART	366323.00	4136147.00	274.82	274.82
DISCCART	366323.00	4135647.00	272.71	272.71
DISCCART	366323.00	4135147.00	271.29	271.29
DISCCART	366323.00	4134647.00	271.41	271.41
DISCCART	366323.00	4134147.00	278.97	278.97
DISCCART	366323.00	4133647.00	276.28	276.28
DISCCART	366323.00	4133147.00	278.05	278.05
DISCCART	366323.00	4132647.00	286.76	286.76
DISCCART	366323.00	4132147.00	278.06	278.06
DISCCART	366323.00	4131647.00	274.33	274.33
DISCCART	366323.00	4131147.00	273.23	273.23
DISCCART	366323.00	4130647.00	276.76	276.76
DISCCART	366323.00	4130147.00	275.90	275.90
DISCCART	366323.00	4129647.00	275.22	275.22
DISCCART	366323.00	4129147.00	273.43	273.43
DISCCART	366323.00	4128647.00	270.37	270.37
DISCCART	366323.00	4128147.00	264.28	264.28
DISCCART	366323.00	4127647.00	262.55	262.55
DISCCART	366323.00	4127147.00	274.01	274.01
DISCCART	366323.00	4126647.00	264.67	264.67
DISCCART	366323.00	4126147.00	263.19	263.19
DISCCART	366823.00	4139647.00	277.79	277.79
DISCCART	366823.00	4139147.00	278.20	278.20
DISCCART	366823.00	4138647.00	284.98	284.98
DISCCART	366823.00	4138147.00	285.98	285.98
DISCCART	366823.00	4137647.00	288.01	288.01
DISCCART	366823.00	4137147.00	283.24	283.24
DISCCART	366823.00	4136647.00	268.33	268.33
DISCCART	366823.00	4136147.00	287.54	287.54
DISCCART	366823.00	4135647.00	282.42	282.42
DISCCART	366823.00	4135147.00	287.43	287.43
DISCCART	366823.00	4134647.00	268.54	268.54
DISCCART	366823.00	4134147.00	290.79	290.79
DISCCART	366823.00	4133647.00	288.53	288.53
DISCCART	366823.00	4133147.00	277.63	277.63

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	366823.00	4132647.00	285.42	285.42
DISCCART	366823.00	4132147.00	279.68	279.68
DISCCART	366823.00	4131647.00	274.94	274.94
DISCCART	366823.00	4131147.00	276.40	276.40
DISCCART	366823.00	4130647.00	278.57	278.57
DISCCART	366823.00	4130147.00	275.71	275.71
DISCCART	366823.00	4129647.00	273.21	273.21
DISCCART	366823.00	4129147.00	269.70	269.70
DISCCART	366823.00	4128647.00	270.01	270.01
DISCCART	366823.00	4128147.00	268.34	268.34
DISCCART	366823.00	4127647.00	264.87	264.87
DISCCART	366823.00	4127147.00	263.10	263.10
DISCCART	366823.00	4126647.00	267.80	267.80
DISCCART	366823.00	4126147.00	265.12	265.12
DISCCART	367323.00	4139647.00	279.76	279.76
DISCCART	367323.00	4139147.00	286.65	286.65
DISCCART	367323.00	4138647.00	282.98	282.98
DISCCART	367323.00	4138147.00	289.74	289.74
DISCCART	367323.00	4137647.00	292.84	292.84
DISCCART	367323.00	4137147.00	290.33	290.33
DISCCART	367323.00	4136647.00	283.68	283.68
DISCCART	367323.00	4136147.00	285.90	285.90
DISCCART	367323.00	4135647.00	284.96	284.96
DISCCART	367323.00	4135147.00	279.96	279.96
DISCCART	367323.00	4134647.00	274.51	274.51
DISCCART	367323.00	4134147.00	288.33	288.33
DISCCART	367323.00	4133647.00	291.12	291.12
DISCCART	367323.00	4133147.00	282.38	282.38
DISCCART	367323.00	4132647.00	287.62	287.62
DISCCART	367323.00	4132147.00	278.94	278.94
DISCCART	367323.00	4131647.00	279.68	279.68
DISCCART	367323.00	4131147.00	277.87	277.87
DISCCART	367323.00	4130647.00	279.90	279.90
DISCCART	367323.00	4130147.00	274.35	274.35
DISCCART	367323.00	4129647.00	274.63	274.63
DISCCART	367323.00	4129147.00	274.51	274.51
DISCCART	367323.00	4128647.00	271.68	271.68
DISCCART	367323.00	4128147.00	269.67	269.67
DISCCART	367323.00	4127647.00	267.48	267.48
DISCCART	367323.00	4127147.00	265.47	265.47
DISCCART	367323.00	4126647.00	274.46	274.46
DISCCART	367323.00	4126147.00	266.57	266.57
DISCCART	367823.00	4139647.00	284.65	284.65
DISCCART	367823.00	4139147.00	290.19	290.19
DISCCART	367823.00	4138647.00	289.77	289.77
DISCCART	367823.00	4138147.00	290.97	290.97
DISCCART	367823.00	4137647.00	291.92	291.92
DISCCART	367823.00	4137147.00	290.36	290.36
DISCCART	367823.00	4136647.00	287.39	287.39
DISCCART	367823.00	4136147.00	290.79	290.79
DISCCART	367823.00	4135647.00	283.01	283.01
DISCCART	367823.00	4135147.00	271.38	271.38
DISCCART	367823.00	4134647.00	277.99	277.99
DISCCART	367823.00	4134147.00	284.14	284.14
DISCCART	367823.00	4133647.00	289.48	289.48
DISCCART	367823.00	4133147.00	289.73	289.73
DISCCART	367823.00	4132647.00	289.21	289.21
DISCCART	367823.00	4132147.00	283.67	283.67
DISCCART	367823.00	4131647.00	283.61	283.61
DISCCART	367823.00	4131147.00	282.08	282.08
DISCCART	367823.00	4130647.00	278.29	278.29
DISCCART	367823.00	4130147.00	279.30	279.30
DISCCART	367823.00	4129647.00	277.35	277.35
DISCCART	367823.00	4129147.00	275.21	275.21
DISCCART	367823.00	4128647.00	273.00	273.00
DISCCART	367823.00	4128147.00	270.31	270.31
DISCCART	367823.00	4127647.00	264.78	265.85
DISCCART	367823.00	4127147.00	265.31	265.31
DISCCART	367823.00	4126647.00	278.52	278.52
DISCCART	367823.00	4126147.00	275.28	275.28



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	368323.00	4139647.00	283.20	283.20
DISCCART	368323.00	4139147.00	290.22	290.22
DISCCART	368323.00	4138647.00	292.97	292.97
DISCCART	368323.00	4138147.00	293.00	293.00
DISCCART	368323.00	4137647.00	292.95	292.95
DISCCART	368323.00	4137147.00	290.38	290.38
DISCCART	368323.00	4136647.00	287.20	287.20
DISCCART	368323.00	4136147.00	290.77	290.77
DISCCART	368323.00	4135647.00	282.33	282.33
DISCCART	368323.00	4135147.00	287.57	287.57
DISCCART	368323.00	4134647.00	290.33	290.33
DISCCART	368323.00	4134147.00	284.60	284.60
DISCCART	368323.00	4133647.00	284.66	284.66
DISCCART	368323.00	4133147.00	293.62	293.62
DISCCART	368323.00	4132647.00	292.11	292.11
DISCCART	368323.00	4132147.00	295.15	295.15
DISCCART	368323.00	4131647.00	286.47	286.47
DISCCART	368323.00	4131147.00	283.05	283.05
DISCCART	368323.00	4130647.00	283.15	283.15
DISCCART	368323.00	4130147.00	281.98	281.98
DISCCART	368323.00	4129647.00	278.71	278.71
DISCCART	368323.00	4129147.00	274.41	274.41
DISCCART	368323.00	4128647.00	272.48	272.48
DISCCART	368323.00	4128147.00	271.03	271.03
DISCCART	368323.00	4127647.00	265.60	265.60
DISCCART	368323.00	4127147.00	266.03	266.03
DISCCART	368323.00	4126647.00	271.17	271.17
DISCCART	368323.00	4126147.00	283.05	283.05
DISCCART	368823.00	4139647.00	287.85	287.85
DISCCART	368823.00	4139147.00	293.94	293.94
DISCCART	368823.00	4138647.00	295.65	295.65
DISCCART	368823.00	4138147.00	292.33	292.33
DISCCART	368823.00	4137647.00	292.34	292.34
DISCCART	368823.00	4137147.00	284.28	284.28
DISCCART	368823.00	4136647.00	283.54	284.15
DISCCART	368823.00	4136147.00	282.49	282.49
DISCCART	368823.00	4135647.00	276.19	276.19
DISCCART	368823.00	4135147.00	285.51	285.51
DISCCART	368823.00	4134647.00	289.44	289.44
DISCCART	368823.00	4134147.00	290.40	290.40
DISCCART	368823.00	4133647.00	282.92	282.92
DISCCART	368823.00	4133147.00	289.77	289.77
DISCCART	368823.00	4132647.00	293.03	293.03
DISCCART	368823.00	4132147.00	289.38	289.38
DISCCART	368823.00	4131647.00	286.74	286.74
DISCCART	368823.00	4131147.00	283.68	283.68
DISCCART	368823.00	4130647.00	278.12	278.12
DISCCART	368823.00	4130147.00	274.78	274.78
DISCCART	368823.00	4129647.00	275.75	275.75
DISCCART	368823.00	4129147.00	274.99	274.99
DISCCART	368823.00	4128647.00	271.12	271.12
DISCCART	368823.00	4128147.00	265.33	265.33
DISCCART	368823.00	4127647.00	262.25	262.25
DISCCART	368823.00	4127147.00	268.04	268.04
DISCCART	368823.00	4126647.00	272.76	272.76
DISCCART	368823.00	4126147.00	278.24	278.24
DISCCART	369323.00	4139647.00	288.61	288.61
DISCCART	369323.00	4139147.00	290.97	290.97
DISCCART	369323.00	4138647.00	294.75	294.75
DISCCART	369323.00	4138147.00	291.69	291.69
DISCCART	369323.00	4137647.00	290.39	290.39
DISCCART	369323.00	4137147.00	284.08	284.08
DISCCART	369323.00	4136647.00	293.69	293.69
DISCCART	369323.00	4136147.00	292.12	292.12
DISCCART	369323.00	4135647.00	285.67	285.67
DISCCART	369323.00	4135147.00	289.29	289.29
DISCCART	369323.00	4134647.00	286.71	286.71
DISCCART	369323.00	4134147.00	290.16	290.16
DISCCART	369323.00	4133647.00	289.70	289.70
DISCCART	369323.00	4133147.00	288.26	288.26

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	369323.00	4132647.00	294.57	294.57
DISCCART	369323.00	4132147.00	290.88	290.88
DISCCART	369323.00	4131647.00	286.69	286.69
DISCCART	369323.00	4131147.00	279.96	279.96
DISCCART	369323.00	4130647.00	284.89	284.89
DISCCART	369323.00	4130147.00	274.46	274.46
DISCCART	369323.00	4129647.00	269.00	269.00
DISCCART	369323.00	4129147.00	266.37	266.37
DISCCART	369323.00	4128647.00	265.91	265.91
DISCCART	369323.00	4128147.00	267.84	267.84
DISCCART	369323.00	4127647.00	262.37	262.37
DISCCART	369323.00	4127147.00	265.56	265.56
DISCCART	369323.00	4126647.00	265.56	265.56
DISCCART	369323.00	4126147.00	262.01	262.01
DISCCART	362823.00	4132147.00	276.43	276.43
DISCCART	362823.00	4131647.00	270.87	270.87
DISCCART	362823.00	4131147.00	275.02	275.02
DISCCART	362823.00	4130647.00	273.47	273.47
DISCCART	362823.00	4130147.00	272.64	272.64
DISCCART	362823.00	4129647.00	273.31	273.31
DISCCART	362823.00	4129147.00	272.20	272.20
DISCCART	362823.00	4128647.00	270.65	270.65
DISCCART	362823.00	4128147.00	270.21	270.21
DISCCART	362823.00	4127647.00	268.83	268.83
DISCCART	362823.00	4127147.00	268.26	268.26
DISCCART	362823.00	4126647.00	267.02	267.02
DISCCART	362823.00	4126147.00	266.71	266.71
DISCCART	362323.00	4132147.00	275.37	275.37
DISCCART	362323.00	4131647.00	275.93	275.93
DISCCART	362323.00	4131147.00	274.43	274.43
DISCCART	362323.00	4130647.00	274.41	274.41
DISCCART	362323.00	4130147.00	274.10	274.10
DISCCART	362323.00	4129647.00	273.39	273.39
DISCCART	362323.00	4129147.00	272.32	272.32
DISCCART	362323.00	4128647.00	270.81	270.81
DISCCART	362323.00	4128147.00	270.29	270.29
DISCCART	362323.00	4127647.00	269.86	269.86
DISCCART	362323.00	4127147.00	268.81	268.81
DISCCART	362323.00	4126647.00	266.88	266.88
DISCCART	362323.00	4126147.00	266.51	266.51
DISCCART	361823.00	4132147.00	279.03	279.03
DISCCART	361823.00	4131647.00	278.47	278.47
DISCCART	361823.00	4131147.00	277.20	277.20
DISCCART	361823.00	4130647.00	274.71	274.71
DISCCART	361823.00	4130147.00	274.01	274.01
DISCCART	361823.00	4129647.00	273.27	273.27
DISCCART	361823.00	4129147.00	272.16	272.16
DISCCART	361823.00	4128647.00	269.67	269.67
DISCCART	361823.00	4128147.00	268.42	268.42
DISCCART	361823.00	4127647.00	266.11	266.11
DISCCART	361823.00	4127147.00	266.01	266.01
DISCCART	361823.00	4126647.00	264.87	264.87
DISCCART	361823.00	4126147.00	263.23	263.23
DISCCART	361323.00	4132147.00	277.96	277.96
DISCCART	361323.00	4131647.00	277.62	277.62
DISCCART	361323.00	4131147.00	275.70	275.70
DISCCART	361323.00	4130647.00	273.32	273.32
DISCCART	361323.00	4130147.00	271.54	271.54
DISCCART	361323.00	4129647.00	272.61	272.61
DISCCART	361323.00	4129147.00	271.77	271.77
DISCCART	361323.00	4128647.00	269.60	269.60
DISCCART	361323.00	4128147.00	267.00	267.00
DISCCART	361323.00	4127647.00	268.41	268.41
DISCCART	361323.00	4127147.00	267.01	267.01
DISCCART	361323.00	4126647.00	266.86	266.86
DISCCART	361323.00	4126147.00	266.15	266.15
DISCCART	360823.00	4132147.00	274.61	274.61
DISCCART	360823.00	4131647.00	272.57	272.57
DISCCART	360823.00	4131147.00	272.68	272.68
DISCCART	360823.00	4130647.00	271.41	271.41

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	360823.00	4130147.00	271.41	271.41
DISCCART	360823.00	4129647.00	269.88	269.88
DISCCART	360823.00	4129147.00	269.71	269.71
DISCCART	360823.00	4128647.00	268.31	268.31
DISCCART	360823.00	4128147.00	272.83	272.83
DISCCART	360823.00	4127647.00	271.11	271.11
DISCCART	360823.00	4127147.00	271.22	271.22
DISCCART	360823.00	4126647.00	271.79	271.79
DISCCART	360823.00	4126147.00	265.87	265.87
DISCCART	360323.00	4132147.00	275.50	275.50
DISCCART	360323.00	4131647.00	274.80	274.80
DISCCART	360323.00	4131147.00	274.91	274.91
DISCCART	360323.00	4130647.00	277.25	277.25
DISCCART	360323.00	4130147.00	275.28	275.28
DISCCART	360323.00	4129647.00	271.40	271.40
DISCCART	360323.00	4129147.00	270.69	270.69
DISCCART	360323.00	4128647.00	270.98	270.98
DISCCART	360323.00	4128147.00	274.04	274.04
DISCCART	360323.00	4127647.00	275.88	275.88
DISCCART	360323.00	4127147.00	271.69	271.69
DISCCART	360323.00	4126647.00	267.86	267.86
DISCCART	360323.00	4126147.00	267.44	267.44
DISCCART	359823.00	4132147.00	278.30	278.30
DISCCART	359823.00	4131647.00	276.13	276.13
DISCCART	359823.00	4131147.00	277.60	277.60
DISCCART	359823.00	4130647.00	277.07	277.07
DISCCART	359823.00	4130147.00	272.65	272.65
DISCCART	359823.00	4129647.00	271.74	271.74
DISCCART	359823.00	4129147.00	275.11	275.11
DISCCART	359823.00	4128647.00	272.73	272.73
DISCCART	359823.00	4128147.00	277.46	277.46
DISCCART	359823.00	4127647.00	271.31	271.31
DISCCART	359823.00	4127147.00	271.49	271.49
DISCCART	359823.00	4126647.00	268.50	268.50
DISCCART	359823.00	4126147.00	272.13	272.13
DISCCART	359323.00	4132147.00	278.50	278.50
DISCCART	359323.00	4131647.00	277.52	277.52
DISCCART	359323.00	4131147.00	274.70	274.70
DISCCART	359323.00	4130647.00	271.91	271.91
DISCCART	359323.00	4130147.00	272.21	272.21
DISCCART	359323.00	4129647.00	274.73	274.73
DISCCART	359323.00	4129147.00	274.41	274.41
DISCCART	359323.00	4128647.00	275.14	275.14
DISCCART	359323.00	4128147.00	273.66	273.66
DISCCART	359323.00	4127647.00	271.90	271.90
DISCCART	359323.00	4127147.00	270.39	270.39
DISCCART	359323.00	4126647.00	268.91	268.91
DISCCART	359323.00	4126147.00	268.55	268.55
DISCCART	358823.00	4132147.00	278.05	278.05
DISCCART	358823.00	4131647.00	275.47	275.47
DISCCART	358823.00	4131147.00	273.43	273.43
DISCCART	358823.00	4130647.00	274.78	274.78
DISCCART	358823.00	4130147.00	272.90	272.90
DISCCART	358823.00	4129647.00	276.19	276.19
DISCCART	358823.00	4129147.00	276.18	276.18
DISCCART	358823.00	4128647.00	277.11	277.11
DISCCART	358823.00	4128147.00	274.85	274.85
DISCCART	358823.00	4127647.00	272.42	272.42
DISCCART	358823.00	4127147.00	269.27	269.27
DISCCART	358823.00	4126647.00	269.75	269.75
DISCCART	358823.00	4126147.00	270.41	270.41
DISCCART	358323.00	4132147.00	275.91	275.91
DISCCART	358323.00	4131647.00	276.21	276.21
DISCCART	358323.00	4131147.00	277.08	277.08
DISCCART	358323.00	4130647.00	275.96	275.96
DISCCART	358323.00	4130147.00	275.73	275.73
DISCCART	358323.00	4129647.00	278.08	278.08
DISCCART	358323.00	4129147.00	277.40	277.40
DISCCART	358323.00	4128647.00	274.98	274.98
DISCCART	358323.00	4128147.00	273.02	273.02

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358323.00	4127647.00	270.91	270.91
DISCCART	358323.00	4127147.00	271.21	271.21
DISCCART	358323.00	4126647.00	273.01	273.01
DISCCART	358323.00	4126147.00	271.01	271.01
DISCCART	357823.00	4132147.00	277.13	277.13
DISCCART	357823.00	4131647.00	278.43	278.43
DISCCART	357823.00	4131147.00	278.69	278.69
DISCCART	357823.00	4130647.00	276.68	276.68
DISCCART	357823.00	4130147.00	276.69	276.69
DISCCART	357823.00	4129647.00	277.99	277.99
DISCCART	357823.00	4129147.00	276.18	276.18
DISCCART	357823.00	4128647.00	274.40	274.40
DISCCART	357823.00	4128147.00	274.05	274.05
DISCCART	357823.00	4127647.00	273.19	273.19
DISCCART	357823.00	4127147.00	273.92	273.92
DISCCART	357823.00	4126647.00	274.65	274.65
DISCCART	357823.00	4126147.00	273.09	273.09
DISCCART	357323.00	4132147.00	277.30	277.30
DISCCART	357323.00	4131647.00	279.84	279.84
DISCCART	357323.00	4131147.00	280.22	280.22
DISCCART	357323.00	4130647.00	278.11	278.11
DISCCART	357323.00	4130147.00	277.71	277.71
DISCCART	357323.00	4129647.00	274.28	274.28
DISCCART	357323.00	4129147.00	274.92	274.92
DISCCART	357323.00	4128647.00	273.61	273.61
DISCCART	357323.00	4128147.00	272.03	272.03
DISCCART	357323.00	4127647.00	272.91	272.91
DISCCART	357323.00	4127147.00	271.86	271.86
DISCCART	357323.00	4126647.00	274.81	274.81
DISCCART	357323.00	4126147.00	275.11	275.11
DISCCART	356823.00	4132147.00	278.77	278.77
DISCCART	356823.00	4131647.00	277.61	277.61
DISCCART	356823.00	4131147.00	277.60	277.60
DISCCART	356823.00	4130647.00	278.22	278.22
DISCCART	356823.00	4130147.00	276.68	276.68
DISCCART	356823.00	4129647.00	272.69	272.69
DISCCART	356823.00	4129147.00	271.41	271.41
DISCCART	356823.00	4128647.00	273.11	273.11
DISCCART	356823.00	4128147.00	273.21	273.21
DISCCART	356823.00	4127647.00	270.61	270.61
DISCCART	356823.00	4127147.00	270.70	270.70
DISCCART	356823.00	4126647.00	272.94	272.94
DISCCART	356823.00	4126147.00	274.71	274.71
DISCCART	356323.00	4132147.00	278.71	278.71
DISCCART	356323.00	4131647.00	274.41	274.41
DISCCART	356323.00	4131147.00	275.84	275.84
DISCCART	356323.00	4130647.00	278.00	278.00
DISCCART	356323.00	4130147.00	276.97	276.97
DISCCART	356323.00	4129647.00	274.18	274.18
DISCCART	356323.00	4129147.00	272.34	272.34
DISCCART	356323.00	4128647.00	271.17	271.17
DISCCART	356323.00	4128147.00	270.40	270.40
DISCCART	356323.00	4127647.00	269.56	269.56
DISCCART	356323.00	4127147.00	268.39	268.39
DISCCART	356323.00	4126647.00	271.31	271.31
DISCCART	356323.00	4126147.00	274.30	274.30
DISCCART	355823.00	4132147.00	277.24	277.24
DISCCART	355823.00	4131647.00	273.65	273.65
DISCCART	355823.00	4131147.00	274.47	274.47
DISCCART	355823.00	4130647.00	274.43	274.43
DISCCART	355823.00	4130147.00	276.62	276.62
DISCCART	355823.00	4129647.00	277.68	277.68
DISCCART	355823.00	4129147.00	274.31	274.31
DISCCART	355823.00	4128647.00	272.44	272.44
DISCCART	355823.00	4128147.00	270.54	270.54
DISCCART	355823.00	4127647.00	269.89	269.89
DISCCART	355823.00	4127147.00	268.49	268.49
DISCCART	355823.00	4126647.00	267.95	267.95
DISCCART	355823.00	4126147.00	270.97	270.97
DISCCART	355323.00	4132147.00	275.91	275.91

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	355323.00	4131647.00	274.61	274.61
DISCCART	355323.00	4131147.00	274.71	274.71
DISCCART	355323.00	4130647.00	272.39	272.39
DISCCART	355323.00	4130147.00	272.82	272.82
DISCCART	355323.00	4129647.00	278.08	278.08
DISCCART	355323.00	4129147.00	276.13	276.13
DISCCART	355323.00	4128647.00	275.26	275.26
DISCCART	355323.00	4128147.00	274.45	274.45
DISCCART	355323.00	4127647.00	271.12	271.12
DISCCART	355323.00	4127147.00	269.90	269.90
DISCCART	355323.00	4126647.00	266.79	266.79
DISCCART	355323.00	4126147.00	269.77	269.77
DISCCART	354823.00	4132147.00	270.53	270.53
DISCCART	354823.00	4131647.00	270.01	270.01
DISCCART	354823.00	4131147.00	269.87	269.87
DISCCART	354823.00	4130647.00	268.60	268.60
DISCCART	354823.00	4130147.00	271.32	271.32
DISCCART	354823.00	4129647.00	277.76	277.76
DISCCART	354823.00	4129147.00	274.86	274.86
DISCCART	354823.00	4128647.00	276.79	276.79
DISCCART	354823.00	4128147.00	274.83	274.83
DISCCART	354823.00	4127647.00	274.81	274.81
DISCCART	354823.00	4127147.00	271.78	271.78
DISCCART	354823.00	4126647.00	269.89	269.89
DISCCART	354823.00	4126147.00	268.89	268.89
DISCCART	354323.00	4132147.00	273.60	273.60
DISCCART	354323.00	4131647.00	271.42	271.42
DISCCART	354323.00	4131147.00	268.53	268.53
DISCCART	354323.00	4130647.00	271.07	271.07
DISCCART	354323.00	4130147.00	267.81	267.81
DISCCART	354323.00	4129647.00	268.17	268.17
DISCCART	354323.00	4129147.00	271.08	271.08
DISCCART	354323.00	4128647.00	274.81	274.81
DISCCART	354323.00	4128147.00	274.79	274.79
DISCCART	354323.00	4127647.00	272.01	272.01
DISCCART	354323.00	4127147.00	271.73	271.73
DISCCART	354323.00	4126647.00	270.00	270.00
DISCCART	354323.00	4126147.00	264.96	264.96
DISCCART	353823.00	4132147.00	277.57	277.57
DISCCART	353823.00	4131647.00	273.39	273.39
DISCCART	353823.00	4131147.00	270.56	270.56
DISCCART	353823.00	4130647.00	267.97	267.97
DISCCART	353823.00	4130147.00	267.96	267.96
DISCCART	353823.00	4129647.00	262.09	265.42
DISCCART	353823.00	4129147.00	270.94	270.94
DISCCART	353823.00	4128647.00	268.96	268.96
DISCCART	353823.00	4128147.00	269.63	269.63
DISCCART	353823.00	4127647.00	271.45	271.45
DISCCART	353823.00	4127147.00	269.64	269.64
DISCCART	353823.00	4126647.00	268.07	268.07
DISCCART	353823.00	4126147.00	267.29	267.29
DISCCART	353323.00	4132147.00	275.04	275.04
DISCCART	353323.00	4131647.00	274.36	274.36
DISCCART	353323.00	4131147.00	275.00	275.00
DISCCART	353323.00	4130647.00	273.82	273.82
DISCCART	353323.00	4130147.00	270.89	270.89
DISCCART	353323.00	4129647.00	267.10	267.10
DISCCART	353323.00	4129147.00	260.52	260.52
DISCCART	353323.00	4128647.00	266.53	266.53
DISCCART	353323.00	4128147.00	268.42	268.42
DISCCART	353323.00	4127647.00	268.51	268.51
DISCCART	353323.00	4127147.00	264.93	264.93
DISCCART	353323.00	4126647.00	264.86	264.86
DISCCART	353323.00	4126147.00	264.83	264.83
DISCCART	352823.00	4132147.00	272.53	272.53
DISCCART	352823.00	4131647.00	270.74	270.74
DISCCART	352823.00	4131147.00	271.79	271.79
DISCCART	352823.00	4130647.00	271.30	271.30
DISCCART	352823.00	4130147.00	271.78	271.78
DISCCART	352823.00	4129647.00	270.66	270.66

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DISCCART	352823.00	4129147.00	267.07	267.07
DISCCART	352823.00	4128647.00	262.18	262.18
DISCCART	352823.00	4128147.00	265.55	265.55
DISCCART	352823.00	4127647.00	265.62	265.62
DISCCART	352823.00	4127147.00	263.30	263.30
DISCCART	352823.00	4126647.00	261.67	261.67
DISCCART	352823.00	4126147.00	264.22	264.22
DISCCART	352323.00	4132147.00	271.47	271.47
DISCCART	352323.00	4131647.00	268.96	268.96
DISCCART	352323.00	4131147.00	270.17	270.17
DISCCART	352323.00	4130647.00	268.24	268.24
DISCCART	352323.00	4130147.00	268.55	268.55
DISCCART	352323.00	4129647.00	267.78	267.78
DISCCART	352323.00	4129147.00	266.56	266.56
DISCCART	352323.00	4128647.00	266.22	266.22
DISCCART	352323.00	4128147.00	259.28	259.28
DISCCART	352323.00	4127647.00	262.35	262.35
DISCCART	352323.00	4127147.00	261.64	261.64
DISCCART	352323.00	4126647.00	261.11	261.11
DISCCART	352323.00	4126147.00	260.39	260.39
DISCCART	351823.00	4132147.00	268.03	268.03
DISCCART	351823.00	4131647.00	266.59	266.59
DISCCART	351823.00	4131147.00	264.40	264.40
DISCCART	351823.00	4130647.00	264.05	264.05
DISCCART	351823.00	4130147.00	264.96	264.96
DISCCART	351823.00	4129647.00	265.08	265.08
DISCCART	351823.00	4129147.00	265.42	265.42
DISCCART	351823.00	4128647.00	262.89	262.89
DISCCART	351823.00	4128147.00	259.18	259.18
DISCCART	351823.00	4127647.00	260.00	260.00
DISCCART	351823.00	4127147.00	260.40	260.40
DISCCART	351823.00	4126647.00	259.55	259.55
DISCCART	351823.00	4126147.00	259.67	259.67
DISCCART	351323.00	4132147.00	263.85	263.85
DISCCART	351323.00	4131647.00	259.39	262.41
DISCCART	351323.00	4131147.00	262.26	262.26
DISCCART	351323.00	4130647.00	262.24	262.24
DISCCART	351323.00	4130147.00	262.72	262.72
DISCCART	351323.00	4129647.00	262.20	262.20
DISCCART	351323.00	4129147.00	259.62	259.62
DISCCART	351323.00	4128647.00	260.45	260.45
DISCCART	351323.00	4128147.00	259.53	259.53
DISCCART	351323.00	4127647.00	259.88	259.88
DISCCART	351323.00	4127147.00	261.86	261.86
DISCCART	351323.00	4126647.00	263.31	263.31
DISCCART	351323.00	4126147.00	263.36	263.36
DISCCART	350823.00	4132147.00	264.04	264.04
DISCCART	350823.00	4131647.00	266.00	266.00
DISCCART	350823.00	4131147.00	263.10	263.10
DISCCART	350823.00	4130647.00	263.06	263.06
DISCCART	350823.00	4130147.00	262.23	262.23
DISCCART	350823.00	4129647.00	262.26	262.26
DISCCART	350823.00	4129147.00	259.60	259.60
DISCCART	350823.00	4128647.00	259.47	259.47
DISCCART	350823.00	4128147.00	260.59	260.59
DISCCART	350823.00	4127647.00	263.15	263.15
DISCCART	350823.00	4127147.00	263.30	263.30
DISCCART	350823.00	4126647.00	266.48	266.48
DISCCART	350823.00	4126147.00	265.28	265.28
DISCCART	350323.00	4132147.00	262.22	262.22
DISCCART	350323.00	4131647.00	267.83	267.83
DISCCART	350323.00	4131147.00	266.28	266.28
DISCCART	350323.00	4130647.00	266.01	266.01
DISCCART	350323.00	4130147.00	265.86	265.86
DISCCART	350323.00	4129647.00	264.13	264.13
DISCCART	350323.00	4129147.00	262.25	262.25
DISCCART	350323.00	4128647.00	263.55	263.55
DISCCART	350323.00	4128147.00	262.53	262.53
DISCCART	350323.00	4127647.00	265.61	265.61
DISCCART	350323.00	4127147.00	266.59	266.59

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	350323.00	4126647.00	268.11	268.11
DISCCART	350323.00	4126147.00	267.95	267.95
DISCCART	349823.00	4132147.00	271.69	271.69
DISCCART	349823.00	4131647.00	273.77	273.77
DISCCART	349823.00	4131147.00	269.70	269.70
DISCCART	349823.00	4130647.00	265.97	265.97
DISCCART	349823.00	4130147.00	262.23	262.23
DISCCART	349823.00	4129647.00	263.67	263.67
DISCCART	349823.00	4129147.00	265.29	265.29
DISCCART	349823.00	4128647.00	266.85	266.85
DISCCART	349823.00	4128147.00	265.32	265.32
DISCCART	349823.00	4127647.00	267.13	267.13
DISCCART	349823.00	4127147.00	266.87	266.87
DISCCART	349823.00	4126647.00	270.88	270.88
DISCCART	349823.00	4126147.00	271.39	271.39
DISCCART	349323.00	4132147.00	275.42	275.42
DISCCART	349323.00	4131647.00	275.87	275.87
DISCCART	349323.00	4131147.00	271.79	271.79
DISCCART	349323.00	4130647.00	266.18	266.18
DISCCART	349323.00	4130147.00	263.07	263.07
DISCCART	349323.00	4129647.00	265.65	265.65
DISCCART	349323.00	4129147.00	268.03	268.03
DISCCART	349323.00	4128647.00	269.23	269.23
DISCCART	349323.00	4128147.00	269.15	269.15
DISCCART	349323.00	4127647.00	268.31	268.31
DISCCART	349323.00	4127147.00	270.03	270.03
DISCCART	349323.00	4126647.00	271.33	271.33
DISCCART	349323.00	4126147.00	274.62	274.62
DISCCART	355323.00	4132647.00	271.13	271.13
DISCCART	355323.00	4133147.00	275.40	275.40
DISCCART	355323.00	4133647.00	274.83	274.83
DISCCART	355323.00	4134147.00	272.59	272.59
DISCCART	355323.00	4134647.00	275.08	275.08
DISCCART	355323.00	4135147.00	276.49	276.49
DISCCART	355323.00	4135647.00	280.50	280.50
DISCCART	355323.00	4136147.00	279.96	279.96
DISCCART	355323.00	4136647.00	281.03	281.03
DISCCART	355323.00	4137147.00	283.57	283.57
DISCCART	355323.00	4137647.00	286.62	286.62
DISCCART	355323.00	4138147.00	286.48	286.48
DISCCART	355323.00	4138647.00	282.31	282.31
DISCCART	355323.00	4139147.00	283.64	283.64
DISCCART	355323.00	4139647.00	282.56	282.56
DISCCART	355323.00	4140147.00	282.95	282.95
DISCCART	355323.00	4140647.00	286.89	286.89
DISCCART	355323.00	4141147.00	284.26	284.26
DISCCART	355323.00	4141647.00	280.53	280.53
DISCCART	355323.00	4142147.00	276.86	276.86
DISCCART	355323.00	4142647.00	276.06	276.06
DISCCART	355323.00	4143147.00	279.55	279.55
DISCCART	355323.00	4143647.00	280.73	280.73
DISCCART	355323.00	4144147.00	277.81	277.81
DISCCART	355323.00	4144647.00	278.44	278.44
DISCCART	355323.00	4145147.00	280.50	280.50
DISCCART	355323.00	4145647.00	285.19	285.19
DISCCART	355323.00	4146147.00	291.01	291.01
DISCCART	354823.00	4132647.00	271.82	271.82
DISCCART	354823.00	4133147.00	269.47	269.47
DISCCART	354823.00	4133647.00	271.32	271.32
DISCCART	354823.00	4134147.00	275.26	275.26
DISCCART	354823.00	4134647.00	277.13	277.13
DISCCART	354823.00	4135147.00	276.99	276.99
DISCCART	354823.00	4135647.00	276.99	276.99
DISCCART	354823.00	4136147.00	280.96	280.96
DISCCART	354823.00	4136647.00	284.27	284.27
DISCCART	354823.00	4137147.00	284.82	284.82
DISCCART	354823.00	4137647.00	285.21	285.21
DISCCART	354823.00	4138147.00	283.93	283.93
DISCCART	354823.00	4138647.00	286.28	286.28
DISCCART	354823.00	4139147.00	278.66	278.66

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	354823.00	4139647.00	280.72	280.72
DISCCART	354823.00	4140147.00	283.16	283.16
DISCCART	354823.00	4140647.00	283.89	283.89
DISCCART	354823.00	4141147.00	286.31	286.31
DISCCART	354823.00	4141647.00	283.82	283.82
DISCCART	354823.00	4142147.00	276.99	276.99
DISCCART	354823.00	4142647.00	276.72	276.72
DISCCART	354823.00	4143147.00	280.44	280.44
DISCCART	354823.00	4143647.00	275.53	275.53
DISCCART	354823.00	4144147.00	277.26	277.26
DISCCART	354823.00	4144647.00	282.04	282.04
DISCCART	354823.00	4145147.00	282.35	282.35
DISCCART	354823.00	4145647.00	284.87	284.87
DISCCART	354823.00	4146147.00	283.48	283.48
DISCCART	354323.00	4132647.00	274.49	274.49
DISCCART	354323.00	4133147.00	275.60	275.60
DISCCART	354323.00	4133647.00	277.28	277.28
DISCCART	354323.00	4134147.00	276.93	276.93
DISCCART	354323.00	4134647.00	280.78	280.78
DISCCART	354323.00	4135147.00	283.97	283.97
DISCCART	354323.00	4135647.00	283.57	283.57
DISCCART	354323.00	4136147.00	283.51	283.51
DISCCART	354323.00	4136647.00	281.72	281.72
DISCCART	354323.00	4137147.00	282.39	282.39
DISCCART	354323.00	4137647.00	281.13	281.13
DISCCART	354323.00	4138147.00	281.21	281.21
DISCCART	354323.00	4138647.00	282.74	282.74
DISCCART	354323.00	4139147.00	278.20	278.20
DISCCART	354323.00	4139647.00	283.23	283.23
DISCCART	354323.00	4140147.00	285.02	285.02
DISCCART	354323.00	4140647.00	280.36	280.36
DISCCART	354323.00	4141147.00	280.66	280.66
DISCCART	354323.00	4141647.00	281.98	281.98
DISCCART	354323.00	4142147.00	278.67	278.67
DISCCART	354323.00	4142647.00	277.52	277.52
DISCCART	354323.00	4143147.00	275.26	275.26
DISCCART	354323.00	4143647.00	275.02	275.02
DISCCART	354323.00	4144147.00	276.81	276.81
DISCCART	354323.00	4144647.00	278.39	278.39
DISCCART	354323.00	4145147.00	276.04	276.04
DISCCART	354323.00	4145647.00	276.67	276.67
DISCCART	354323.00	4146147.00	279.68	279.68
DISCCART	353823.00	4132647.00	278.62	278.62
DISCCART	353823.00	4133147.00	278.20	278.20
DISCCART	353823.00	4133647.00	280.48	280.48
DISCCART	353823.00	4134147.00	280.57	280.57
DISCCART	353823.00	4134647.00	280.87	280.87
DISCCART	353823.00	4135147.00	280.59	280.59
DISCCART	353823.00	4135647.00	282.16	282.16
DISCCART	353823.00	4136147.00	280.63	280.63
DISCCART	353823.00	4136647.00	277.65	277.65
DISCCART	353823.00	4137147.00	278.52	278.52
DISCCART	353823.00	4137647.00	280.50	280.50
DISCCART	353823.00	4138147.00	278.50	278.50
DISCCART	353823.00	4138647.00	274.06	274.06
DISCCART	353823.00	4139147.00	282.22	282.22
DISCCART	353823.00	4139647.00	281.32	281.32
DISCCART	353823.00	4140147.00	283.48	283.48
DISCCART	353823.00	4140647.00	284.18	284.18
DISCCART	353823.00	4141147.00	274.33	274.33
DISCCART	353823.00	4141647.00	283.08	283.08
DISCCART	353823.00	4142147.00	273.05	273.05
DISCCART	353823.00	4142647.00	274.56	274.56
DISCCART	353823.00	4143147.00	272.88	272.88
DISCCART	353823.00	4143647.00	276.10	276.10
DISCCART	353823.00	4144147.00	277.15	277.15
DISCCART	353823.00	4144647.00	278.80	278.80
DISCCART	353823.00	4145147.00	283.69	283.69
DISCCART	353823.00	4145647.00	282.83	282.83
DISCCART	353823.00	4146147.00	283.18	283.18



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	353323.00	4132647.00	275.02	275.02
DISCCART	353323.00	4133147.00	278.49	278.49
DISCCART	353323.00	4133647.00	274.24	274.24
DISCCART	353323.00	4134147.00	276.97	276.97
DISCCART	353323.00	4134647.00	277.88	277.88
DISCCART	353323.00	4135147.00	277.47	277.47
DISCCART	353323.00	4135647.00	278.24	278.24
DISCCART	353323.00	4136147.00	274.15	274.15
DISCCART	353323.00	4136647.00	277.11	277.11
DISCCART	353323.00	4137147.00	280.47	280.47
DISCCART	353323.00	4137647.00	275.57	275.57
DISCCART	353323.00	4138147.00	268.91	272.41
DISCCART	353323.00	4138647.00	279.19	279.19
DISCCART	353323.00	4139147.00	278.40	278.40
DISCCART	353323.00	4139647.00	280.14	280.14
DISCCART	353323.00	4140147.00	281.44	281.44
DISCCART	353323.00	4140647.00	271.45	271.45
DISCCART	353323.00	4141147.00	272.88	272.88
DISCCART	353323.00	4141647.00	272.12	272.12
DISCCART	353323.00	4142147.00	273.76	273.76
DISCCART	353323.00	4142647.00	274.41	274.41
DISCCART	353323.00	4143147.00	273.74	273.74
DISCCART	353323.00	4143647.00	277.94	277.94
DISCCART	353323.00	4144147.00	282.42	282.42
DISCCART	353323.00	4144647.00	283.89	283.89
DISCCART	353323.00	4145147.00	284.74	284.74
DISCCART	353323.00	4145647.00	284.00	284.00
DISCCART	353323.00	4146147.00	285.89	285.89
DISCCART	352823.00	4132647.00	273.68	273.68
DISCCART	352823.00	4133147.00	274.33	274.33
DISCCART	352823.00	4133647.00	274.61	274.61
DISCCART	352823.00	4134147.00	274.78	274.78
DISCCART	352823.00	4134647.00	273.98	273.98
DISCCART	352823.00	4135147.00	276.89	276.89
DISCCART	352823.00	4135647.00	269.21	269.21
DISCCART	352823.00	4136147.00	277.13	277.13
DISCCART	352823.00	4136647.00	280.70	280.70
DISCCART	352823.00	4137147.00	278.49	278.49
DISCCART	352823.00	4137647.00	269.62	275.03
DISCCART	352823.00	4138147.00	277.12	277.12
DISCCART	352823.00	4138647.00	280.94	280.94
DISCCART	352823.00	4139147.00	273.97	273.97
DISCCART	352823.00	4139647.00	277.71	277.71
DISCCART	352823.00	4140147.00	274.12	274.12
DISCCART	352823.00	4140647.00	271.37	271.37
DISCCART	352823.00	4141147.00	271.71	271.71
DISCCART	352823.00	4141647.00	272.51	272.51
DISCCART	352823.00	4142147.00	276.76	276.76
DISCCART	352823.00	4142647.00	279.42	279.42
DISCCART	352823.00	4143147.00	282.60	282.60
DISCCART	352823.00	4143647.00	277.02	277.02
DISCCART	352823.00	4144147.00	275.86	275.86
DISCCART	352823.00	4144647.00	278.10	278.10
DISCCART	352823.00	4145147.00	279.48	279.48
DISCCART	352823.00	4145647.00	282.47	282.47
DISCCART	352823.00	4146147.00	280.81	280.81
DISCCART	352323.00	4132647.00	268.90	268.90
DISCCART	352323.00	4133147.00	268.88	268.88
DISCCART	352323.00	4133647.00	268.46	268.46
DISCCART	352323.00	4134147.00	270.73	270.73
DISCCART	352323.00	4134647.00	272.27	272.27
DISCCART	352323.00	4135147.00	268.01	272.33
DISCCART	352323.00	4135647.00	271.76	271.76
DISCCART	352323.00	4136147.00	276.99	276.99
DISCCART	352323.00	4136647.00	276.43	276.43
DISCCART	352323.00	4137147.00	274.40	274.40
DISCCART	352323.00	4137647.00	266.56	272.30
DISCCART	352323.00	4138147.00	269.98	269.98
DISCCART	352323.00	4138647.00	272.89	272.89
DISCCART	352323.00	4139147.00	272.58	272.58

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	352323.00	4139647.00	271.42	271.42
DISCCART	352323.00	4140147.00	268.70	268.70
DISCCART	352323.00	4140647.00	271.59	271.59
DISCCART	352323.00	4141147.00	276.07	276.07
DISCCART	352323.00	4141647.00	280.03	280.03
DISCCART	352323.00	4142147.00	283.09	283.09
DISCCART	352323.00	4142647.00	283.23	283.23
DISCCART	352323.00	4143147.00	283.47	283.47
DISCCART	352323.00	4143647.00	281.92	281.92
DISCCART	352323.00	4144147.00	282.93	282.93
DISCCART	352323.00	4144647.00	283.32	283.32
DISCCART	352323.00	4145147.00	280.65	280.65
DISCCART	352323.00	4145647.00	287.84	287.84
DISCCART	352323.00	4146147.00	288.34	288.34
DISCCART	351823.00	4132647.00	267.61	267.61
DISCCART	351823.00	4133147.00	263.57	263.57
DISCCART	351823.00	4133647.00	268.48	268.48
DISCCART	351823.00	4134147.00	263.11	263.11
DISCCART	351823.00	4134647.00	261.80	265.81
DISCCART	351823.00	4135147.00	271.05	271.05
DISCCART	351823.00	4135647.00	272.42	272.42
DISCCART	351823.00	4136147.00	271.53	271.53
DISCCART	351823.00	4136647.00	267.45	267.45
DISCCART	351823.00	4137147.00	267.96	267.96
DISCCART	351823.00	4137647.00	268.23	272.37
DISCCART	351823.00	4138147.00	271.19	271.19
DISCCART	351823.00	4138647.00	270.91	270.91
DISCCART	351823.00	4139147.00	268.80	268.80
DISCCART	351823.00	4139647.00	269.52	271.49
DISCCART	351823.00	4140147.00	273.55	273.55
DISCCART	351823.00	4140647.00	278.25	278.25
DISCCART	351823.00	4141147.00	279.82	279.82
DISCCART	351823.00	4141647.00	281.38	281.38
DISCCART	351823.00	4142147.00	281.17	281.17
DISCCART	351823.00	4142647.00	278.46	278.46
DISCCART	351823.00	4143147.00	281.39	281.39
DISCCART	351823.00	4143647.00	283.66	283.66
DISCCART	351823.00	4144147.00	285.85	285.85
DISCCART	351823.00	4144647.00	286.92	286.92
DISCCART	351823.00	4145147.00	286.58	286.58
DISCCART	351823.00	4145647.00	284.20	284.20
DISCCART	351823.00	4146147.00	290.21	290.21
DISCCART	351323.00	4132647.00	265.21	265.21
DISCCART	351323.00	4133147.00	262.64	262.64
DISCCART	351323.00	4133647.00	265.91	265.91
DISCCART	351323.00	4134147.00	265.17	265.17
DISCCART	351323.00	4134647.00	265.29	265.29
DISCCART	351323.00	4135147.00	265.72	265.72
DISCCART	351323.00	4135647.00	266.73	266.73
DISCCART	351323.00	4136147.00	264.28	265.52
DISCCART	351323.00	4136647.00	267.93	267.93
DISCCART	351323.00	4137147.00	267.82	267.82
DISCCART	351323.00	4137647.00	268.97	268.97
DISCCART	351323.00	4138147.00	270.39	270.39
DISCCART	351323.00	4138647.00	272.87	272.87
DISCCART	351323.00	4139147.00	271.63	271.63
DISCCART	351323.00	4139647.00	276.19	276.19
DISCCART	351323.00	4140147.00	269.12	271.38
DISCCART	351323.00	4140647.00	271.17	271.17
DISCCART	351323.00	4141147.00	272.98	272.98
DISCCART	351323.00	4141647.00	274.42	274.42
DISCCART	351323.00	4142147.00	277.63	277.63
DISCCART	351323.00	4142647.00	277.08	277.08
DISCCART	351323.00	4143147.00	277.27	277.27
DISCCART	351323.00	4143647.00	280.35	280.35
DISCCART	351323.00	4144147.00	282.08	282.08
DISCCART	351323.00	4144647.00	282.79	282.79
DISCCART	351323.00	4145147.00	285.56	285.56
DISCCART	351323.00	4145647.00	285.86	285.86
DISCCART	351323.00	4146147.00	286.85	286.85

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	350823.00	4132647.00	262.35	262.35
DISCCART	350823.00	4133147.00	262.34	262.34
DISCCART	350823.00	4133647.00	267.58	267.58
DISCCART	350823.00	4134147.00	268.46	268.46
DISCCART	350823.00	4134647.00	268.64	268.64
DISCCART	350823.00	4135147.00	267.87	267.87
DISCCART	350823.00	4135647.00	266.53	266.53
DISCCART	350823.00	4136147.00	266.39	266.39
DISCCART	350823.00	4136647.00	268.48	268.48
DISCCART	350823.00	4137147.00	271.42	271.42
DISCCART	350823.00	4137647.00	272.04	272.04
DISCCART	350823.00	4138147.00	271.71	271.71
DISCCART	350823.00	4138647.00	276.82	276.82
DISCCART	350823.00	4139147.00	277.64	277.64
DISCCART	350823.00	4139647.00	275.99	275.99
DISCCART	350823.00	4140147.00	279.40	279.40
DISCCART	350823.00	4140647.00	273.44	277.64
DISCCART	350823.00	4141147.00	273.59	273.59
DISCCART	350823.00	4141647.00	279.48	279.48
DISCCART	350823.00	4142147.00	281.96	281.96
DISCCART	350823.00	4142647.00	284.28	284.28
DISCCART	350823.00	4143147.00	280.89	280.89
DISCCART	350823.00	4143647.00	281.69	281.69
DISCCART	350823.00	4144147.00	283.19	283.19
DISCCART	350823.00	4144647.00	285.35	285.35
DISCCART	350823.00	4145147.00	283.63	283.63
DISCCART	350823.00	4145647.00	284.75	284.75
DISCCART	350823.00	4146147.00	287.70	287.70
DISCCART	350323.00	4132647.00	263.77	263.77
DISCCART	350323.00	4133147.00	268.85	268.85
DISCCART	350323.00	4133647.00	267.86	267.86
DISCCART	350323.00	4134147.00	269.60	269.60
DISCCART	350323.00	4134647.00	269.56	269.56
DISCCART	350323.00	4135147.00	267.47	267.47
DISCCART	350323.00	4135647.00	265.90	265.90
DISCCART	350323.00	4136147.00	265.68	265.68
DISCCART	350323.00	4136647.00	266.16	266.16
DISCCART	350323.00	4137147.00	269.08	269.08
DISCCART	350323.00	4137647.00	273.69	273.69
DISCCART	350323.00	4138147.00	276.01	276.01
DISCCART	350323.00	4138647.00	278.94	278.94
DISCCART	350323.00	4139147.00	281.25	281.25
DISCCART	350323.00	4139647.00	280.67	280.67
DISCCART	350323.00	4140147.00	280.56	280.56
DISCCART	350323.00	4140647.00	280.54	280.54
DISCCART	350323.00	4141147.00	279.55	279.55
DISCCART	350323.00	4141647.00	278.74	278.74
DISCCART	350323.00	4142147.00	277.63	277.63
DISCCART	350323.00	4142647.00	281.72	281.72
DISCCART	350323.00	4143147.00	284.44	284.44
DISCCART	350323.00	4143647.00	283.89	283.89
DISCCART	350323.00	4144147.00	286.57	286.57
DISCCART	350323.00	4144647.00	287.04	287.04
DISCCART	350323.00	4145147.00	287.56	287.56
DISCCART	350323.00	4145647.00	286.59	286.59
DISCCART	350323.00	4146147.00	289.70	289.70
DISCCART	349823.00	4132647.00	274.55	274.55
DISCCART	349823.00	4133147.00	272.56	272.56
DISCCART	349823.00	4133647.00	269.71	269.71
DISCCART	349823.00	4134147.00	272.28	272.28
DISCCART	349823.00	4134647.00	271.29	271.29
DISCCART	349823.00	4135147.00	268.93	268.93
DISCCART	349823.00	4135647.00	268.56	268.56
DISCCART	349823.00	4136147.00	268.07	268.07
DISCCART	349823.00	4136647.00	265.93	265.93
DISCCART	349823.00	4137147.00	265.56	265.56
DISCCART	349823.00	4137647.00	267.94	267.94
DISCCART	349823.00	4138147.00	271.77	271.77
DISCCART	349823.00	4138647.00	274.30	274.30
DISCCART	349823.00	4139147.00	280.98	280.98

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	349823.00	4139647.00	281.03	281.03
DISCCART	349823.00	4140147.00	284.04	284.04
DISCCART	349823.00	4140647.00	284.20	284.20
DISCCART	349823.00	4141147.00	280.54	280.54
DISCCART	349823.00	4141647.00	282.45	282.45
DISCCART	349823.00	4142147.00	282.82	282.82
DISCCART	349823.00	4142647.00	284.69	284.69
DISCCART	349823.00	4143147.00	284.38	284.38
DISCCART	349823.00	4143647.00	286.65	286.65
DISCCART	349823.00	4144147.00	288.80	288.80
DISCCART	349823.00	4144647.00	289.96	289.96
DISCCART	349823.00	4145147.00	289.74	289.74
DISCCART	349823.00	4145647.00	288.86	288.86
DISCCART	349823.00	4146147.00	291.20	291.20
DISCCART	349323.00	4132647.00	271.12	271.12
DISCCART	349323.00	4133147.00	274.34	274.34
DISCCART	349323.00	4133647.00	276.35	276.35
DISCCART	349323.00	4134147.00	273.13	273.13
DISCCART	349323.00	4134647.00	274.67	274.67
DISCCART	349323.00	4135147.00	273.58	273.58
DISCCART	349323.00	4135647.00	272.74	272.74
DISCCART	349323.00	4136147.00	271.41	271.41
DISCCART	349323.00	4136647.00	268.58	268.58
DISCCART	349323.00	4137147.00	268.36	268.36
DISCCART	349323.00	4137647.00	265.31	268.70
DISCCART	349323.00	4138147.00	268.88	268.88
DISCCART	349323.00	4138647.00	274.52	274.52
DISCCART	349323.00	4139147.00	274.02	274.02
DISCCART	349323.00	4139647.00	277.04	277.04
DISCCART	349323.00	4140147.00	277.85	277.85
DISCCART	349323.00	4140647.00	282.61	282.61
DISCCART	349323.00	4141147.00	284.33	284.33
DISCCART	349323.00	4141647.00	285.63	285.63
DISCCART	349323.00	4142147.00	286.21	286.21
DISCCART	349323.00	4142647.00	286.63	286.63
DISCCART	349323.00	4143147.00	287.44	287.44
DISCCART	349323.00	4143647.00	288.12	288.12
DISCCART	349323.00	4144147.00	289.83	289.83
DISCCART	349323.00	4144647.00	287.81	287.81
DISCCART	349323.00	4145147.00	284.42	284.42
DISCCART	349323.00	4145647.00	288.06	288.06
DISCCART	349323.00	4146147.00	287.93	287.93
DISCCART	349323.00	4147147.00	284.81	284.81
DISCCART	349323.00	4148147.00	284.34	284.34
DISCCART	349323.00	4149147.00	284.39	284.39
DISCCART	349323.00	4150147.00	289.59	289.59
DISCCART	349323.00	4151147.00	292.76	292.76
DISCCART	349323.00	4152147.00	289.66	289.66
DISCCART	349323.00	4153147.00	292.75	292.75
DISCCART	349323.00	4154147.00	298.90	298.90
DISCCART	349323.00	4155147.00	306.51	306.51
DISCCART	349323.00	4156147.00	302.33	302.33
DISCCART	349323.00	4157147.00	301.79	301.79
DISCCART	349323.00	4158147.00	303.90	303.90
DISCCART	349323.00	4159147.00	296.18	296.18
DISCCART	349323.00	4160147.00	290.66	290.66
DISCCART	349323.00	4161147.00	280.35	280.35
DISCCART	349323.00	4162147.00	292.91	292.91
DISCCART	349323.00	4163147.00	295.78	295.78
DISCCART	349323.00	4164147.00	292.09	292.09
DISCCART	349323.00	4165147.00	272.66	272.66
DISCCART	349323.00	4166147.00	265.28	265.28
DISCCART	349323.00	4167147.00	265.50	287.48
DISCCART	349323.00	4168147.00	254.65	254.65
DISCCART	349323.00	4169147.00	259.42	259.42
DISCCART	349323.00	4170147.00	248.48	251.82
DISCCART	349323.00	4171147.00	254.41	254.41
DISCCART	349323.00	4172147.00	257.81	257.81
DISCCART	349323.00	4173147.00	250.02	250.02
DISCCART	349323.00	4174147.00	268.08	268.08

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	349323.00	4175147.00	272.20	272.20
DISCCART	349323.00	4176147.00	277.67	277.67
DISCCART	349323.00	4177147.00	296.55	296.55
DISCCART	349323.00	4178147.00	291.40	291.40
DISCCART	349323.00	4179147.00	290.57	290.57
DISCCART	349323.00	4180147.00	291.40	291.40
DISCCART	349323.00	4181147.00	292.96	292.96
DISCCART	349323.00	4182147.00	290.04	290.04
DISCCART	349323.00	4183147.00	293.43	293.43
DISCCART	349323.00	4184147.00	296.10	296.10
DISCCART	349323.00	4185147.00	294.52	295.45
DISCCART	349323.00	4186147.00	279.49	279.49
DISCCART	350323.00	4147147.00	289.71	289.71
DISCCART	350323.00	4148147.00	284.87	284.87
DISCCART	350323.00	4149147.00	287.99	287.99
DISCCART	350323.00	4150147.00	285.81	285.81
DISCCART	350323.00	4151147.00	289.34	289.34
DISCCART	350323.00	4152147.00	292.66	292.66
DISCCART	350323.00	4153147.00	293.95	293.95
DISCCART	350323.00	4154147.00	294.63	294.63
DISCCART	350323.00	4155147.00	299.87	299.87
DISCCART	350323.00	4156147.00	309.45	309.45
DISCCART	350323.00	4157147.00	304.78	304.78
DISCCART	350323.00	4158147.00	302.06	302.06
DISCCART	350323.00	4159147.00	297.51	297.51
DISCCART	350323.00	4160147.00	294.64	294.64
DISCCART	350323.00	4161147.00	272.83	272.83
DISCCART	350323.00	4162147.00	275.54	275.54
DISCCART	350323.00	4163147.00	280.16	280.16
DISCCART	350323.00	4164147.00	293.56	293.56
DISCCART	350323.00	4165147.00	295.57	295.57
DISCCART	350323.00	4166147.00	284.05	286.70
DISCCART	350323.00	4167147.00	294.60	294.60
DISCCART	350323.00	4168147.00	271.62	291.80
DISCCART	350323.00	4169147.00	283.99	287.73
DISCCART	350323.00	4170147.00	262.54	262.54
DISCCART	350323.00	4171147.00	264.50	264.50
DISCCART	350323.00	4172147.00	247.18	247.18
DISCCART	350323.00	4173147.00	253.34	253.34
DISCCART	350323.00	4174147.00	262.32	262.32
DISCCART	350323.00	4175147.00	271.03	271.03
DISCCART	350323.00	4176147.00	274.66	274.66
DISCCART	350323.00	4177147.00	274.07	274.07
DISCCART	350323.00	4178147.00	291.32	291.32
DISCCART	350323.00	4179147.00	297.55	297.55
DISCCART	350323.00	4180147.00	290.52	290.52
DISCCART	350323.00	4181147.00	273.91	273.91
DISCCART	350323.00	4182147.00	284.00	284.00
DISCCART	350323.00	4183147.00	294.90	294.90
DISCCART	350323.00	4184147.00	283.94	283.94
DISCCART	350323.00	4185147.00	282.06	282.06
DISCCART	350323.00	4186147.00	274.77	274.77
DISCCART	351323.00	4147147.00	289.76	289.76
DISCCART	351323.00	4148147.00	288.49	288.49
DISCCART	351323.00	4149147.00	290.38	290.38
DISCCART	351323.00	4150147.00	288.28	288.28
DISCCART	351323.00	4151147.00	287.87	287.87
DISCCART	351323.00	4152147.00	289.68	289.68
DISCCART	351323.00	4153147.00	292.01	292.01
DISCCART	351323.00	4154147.00	294.94	294.94
DISCCART	351323.00	4155147.00	301.42	301.42
DISCCART	351323.00	4156147.00	307.68	307.68
DISCCART	351323.00	4157147.00	305.07	305.07
DISCCART	351323.00	4158147.00	289.14	289.14
DISCCART	351323.00	4159147.00	278.78	278.78
DISCCART	351323.00	4160147.00	298.78	298.78
DISCCART	351323.00	4161147.00	283.29	296.51
DISCCART	351323.00	4162147.00	272.16	272.16
DISCCART	351323.00	4163147.00	273.68	273.68
DISCCART	351323.00	4164147.00	282.02	282.02

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	351323.00	4165147.00	289.87	294.50
DISCCART	351323.00	4166147.00	287.82	287.82
DISCCART	351323.00	4167147.00	283.83	290.57
DISCCART	351323.00	4168147.00	281.12	281.12
DISCCART	351323.00	4169147.00	267.24	267.24
DISCCART	351323.00	4170147.00	265.46	265.46
DISCCART	351323.00	4171147.00	270.43	278.20
DISCCART	351323.00	4172147.00	248.30	253.77
DISCCART	351323.00	4173147.00	251.26	251.26
DISCCART	351323.00	4174147.00	271.32	271.32
DISCCART	351323.00	4175147.00	278.04	278.04
DISCCART	351323.00	4176147.00	279.29	279.29
DISCCART	351323.00	4177147.00	267.91	267.91
DISCCART	351323.00	4178147.00	272.21	272.21
DISCCART	351323.00	4179147.00	292.14	292.14
DISCCART	351323.00	4180147.00	287.57	287.57
DISCCART	351323.00	4181147.00	283.72	283.72
DISCCART	351323.00	4182147.00	274.41	274.41
DISCCART	351323.00	4183147.00	277.07	277.07
DISCCART	351323.00	4184147.00	283.44	283.44
DISCCART	351323.00	4185147.00	299.34	299.34
DISCCART	351323.00	4186147.00	291.97	291.97
DISCCART	352323.00	4147147.00	286.81	286.81
DISCCART	352323.00	4148147.00	289.68	289.68
DISCCART	352323.00	4149147.00	292.79	292.79
DISCCART	352323.00	4150147.00	289.59	289.59
DISCCART	352323.00	4151147.00	289.63	289.63
DISCCART	352323.00	4152147.00	293.28	293.28
DISCCART	352323.00	4153147.00	295.48	295.48
DISCCART	352323.00	4154147.00	296.81	296.81
DISCCART	352323.00	4155147.00	299.74	299.74
DISCCART	352323.00	4156147.00	293.33	306.35
DISCCART	352323.00	4157147.00	291.35	300.10
DISCCART	352323.00	4158147.00	275.63	275.63
DISCCART	352323.00	4159147.00	274.33	274.33
DISCCART	352323.00	4160147.00	276.48	276.48
DISCCART	352323.00	4161147.00	271.33	271.33
DISCCART	352323.00	4162147.00	271.76	271.76
DISCCART	352323.00	4163147.00	273.97	273.97
DISCCART	352323.00	4164147.00	271.82	271.82
DISCCART	352323.00	4165147.00	270.34	270.34
DISCCART	352323.00	4166147.00	270.03	270.03
DISCCART	352323.00	4167147.00	274.30	274.30
DISCCART	352323.00	4168147.00	271.99	271.99
DISCCART	352323.00	4169147.00	262.86	262.86
DISCCART	352323.00	4170147.00	260.53	260.53
DISCCART	352323.00	4171147.00	277.38	277.38
DISCCART	352323.00	4172147.00	256.86	256.86
DISCCART	352323.00	4173147.00	247.75	247.75
DISCCART	352323.00	4174147.00	251.22	252.26
DISCCART	352323.00	4175147.00	272.31	272.31
DISCCART	352323.00	4176147.00	269.46	277.82
DISCCART	352323.00	4177147.00	257.39	259.71
DISCCART	352323.00	4178147.00	271.00	271.00
DISCCART	352323.00	4179147.00	279.81	279.81
DISCCART	352323.00	4180147.00	284.71	284.71
DISCCART	352323.00	4181147.00	283.02	283.02
DISCCART	352323.00	4182147.00	263.04	263.04
DISCCART	352323.00	4183147.00	268.93	268.93
DISCCART	352323.00	4184147.00	269.41	269.41
DISCCART	352323.00	4185147.00	283.19	283.19
DISCCART	352323.00	4186147.00	288.97	288.97
DISCCART	353323.00	4147147.00	286.78	286.78
DISCCART	353323.00	4148147.00	283.51	283.51
DISCCART	353323.00	4149147.00	288.23	288.23
DISCCART	353323.00	4150147.00	288.43	288.43
DISCCART	353323.00	4151147.00	291.04	291.04
DISCCART	353323.00	4152147.00	291.21	291.21
DISCCART	353323.00	4153147.00	292.88	292.88
DISCCART	353323.00	4154147.00	297.31	297.31

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	353323.00	4155147.00	301.02	301.02
DISCCART	353323.00	4156147.00	283.82	283.82
DISCCART	353323.00	4157147.00	275.70	275.70
DISCCART	353323.00	4158147.00	265.24	265.24
DISCCART	353323.00	4159147.00	268.69	268.69
DISCCART	353323.00	4160147.00	272.29	272.29
DISCCART	353323.00	4161147.00	262.00	262.00
DISCCART	353323.00	4162147.00	271.23	271.23
DISCCART	353323.00	4163147.00	270.99	270.99
DISCCART	353323.00	4164147.00	269.20	269.20
DISCCART	353323.00	4165147.00	265.31	265.31
DISCCART	353323.00	4166147.00	265.28	265.28
DISCCART	353323.00	4167147.00	269.17	269.17
DISCCART	353323.00	4168147.00	260.30	260.30
DISCCART	353323.00	4169147.00	264.32	264.32
DISCCART	353323.00	4170147.00	254.06	254.06
DISCCART	353323.00	4171147.00	257.30	257.30
DISCCART	353323.00	4172147.00	257.12	257.12
DISCCART	353323.00	4173147.00	247.85	247.85
DISCCART	353323.00	4174147.00	253.40	253.40
DISCCART	353323.00	4175147.00	262.11	262.11
DISCCART	353323.00	4176147.00	258.29	258.29
DISCCART	353323.00	4177147.00	260.20	260.20
DISCCART	353323.00	4178147.00	262.18	262.18
DISCCART	353323.00	4179147.00	264.89	264.89
DISCCART	353323.00	4180147.00	283.54	283.54
DISCCART	353323.00	4181147.00	266.19	266.19
DISCCART	353323.00	4182147.00	265.88	265.88
DISCCART	353323.00	4183147.00	261.62	261.62
DISCCART	353323.00	4184147.00	263.01	263.01
DISCCART	353323.00	4185147.00	280.03	280.03
DISCCART	353323.00	4186147.00	283.01	283.01
DISCCART	354323.00	4147147.00	282.53	282.53
DISCCART	354323.00	4148147.00	283.59	283.59
DISCCART	354323.00	4149147.00	286.48	286.48
DISCCART	354323.00	4150147.00	290.22	290.22
DISCCART	354323.00	4151147.00	292.72	292.72
DISCCART	354323.00	4152147.00	292.12	292.12
DISCCART	354323.00	4153147.00	293.57	293.57
DISCCART	354323.00	4154147.00	296.81	296.81
DISCCART	354323.00	4155147.00	302.57	302.57
DISCCART	354323.00	4156147.00	303.74	303.74
DISCCART	354323.00	4157147.00	277.18	277.18
DISCCART	354323.00	4158147.00	279.06	279.06
DISCCART	354323.00	4159147.00	268.66	268.66
DISCCART	354323.00	4160147.00	259.30	271.64
DISCCART	354323.00	4161147.00	266.91	266.91
DISCCART	354323.00	4162147.00	265.27	265.27
DISCCART	354323.00	4163147.00	268.89	268.89
DISCCART	354323.00	4164147.00	265.63	265.63
DISCCART	354323.00	4165147.00	265.29	265.29
DISCCART	354323.00	4166147.00	260.37	261.99
DISCCART	354323.00	4167147.00	261.76	261.76
DISCCART	354323.00	4168147.00	256.12	256.12
DISCCART	354323.00	4169147.00	260.09	260.09
DISCCART	354323.00	4170147.00	257.26	257.26
DISCCART	354323.00	4171147.00	259.09	259.09
DISCCART	354323.00	4172147.00	259.66	259.66
DISCCART	354323.00	4173147.00	246.29	246.29
DISCCART	354323.00	4174147.00	249.56	249.56
DISCCART	354323.00	4175147.00	253.33	253.33
DISCCART	354323.00	4176147.00	247.18	247.18
DISCCART	354323.00	4177147.00	253.50	253.50
DISCCART	354323.00	4178147.00	258.88	258.88
DISCCART	354323.00	4179147.00	264.08	264.08
DISCCART	354323.00	4180147.00	282.18	282.18
DISCCART	354323.00	4181147.00	263.24	263.24
DISCCART	354323.00	4182147.00	257.38	257.38
DISCCART	354323.00	4183147.00	253.69	253.69
DISCCART	354323.00	4184147.00	258.51	258.51

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	354323.00	4185147.00	268.17	268.17
DISCCART	354323.00	4186147.00	287.46	287.46
DISCCART	355323.00	4147147.00	289.51	289.51
DISCCART	355323.00	4148147.00	289.86	289.86
DISCCART	355323.00	4149147.00	293.20	293.20
DISCCART	355323.00	4150147.00	290.44	290.44
DISCCART	355323.00	4151147.00	290.34	290.34
DISCCART	355323.00	4152147.00	286.00	286.00
DISCCART	355323.00	4153147.00	281.71	281.71
DISCCART	355323.00	4154147.00	291.89	291.89
DISCCART	355323.00	4155147.00	305.85	307.51
DISCCART	355323.00	4156147.00	311.49	311.49
DISCCART	355323.00	4157147.00	304.21	304.21
DISCCART	355323.00	4158147.00	273.60	273.60
DISCCART	355323.00	4159147.00	274.70	274.70
DISCCART	355323.00	4160147.00	279.55	279.55
DISCCART	355323.00	4161147.00	271.55	271.55
DISCCART	355323.00	4162147.00	257.36	257.36
DISCCART	355323.00	4163147.00	253.62	253.62
DISCCART	355323.00	4164147.00	251.73	252.68
DISCCART	355323.00	4165147.00	252.19	252.19
DISCCART	355323.00	4166147.00	256.86	256.86
DISCCART	355323.00	4167147.00	247.18	247.18
DISCCART	355323.00	4168147.00	255.31	255.31
DISCCART	355323.00	4169147.00	249.68	249.68
DISCCART	355323.00	4170147.00	251.09	253.22
DISCCART	355323.00	4171147.00	253.26	253.26
DISCCART	355323.00	4172147.00	253.18	253.18
DISCCART	355323.00	4173147.00	254.01	254.01
DISCCART	355323.00	4174147.00	244.68	244.68
DISCCART	355323.00	4175147.00	244.84	245.44
DISCCART	355323.00	4176147.00	249.23	249.99
DISCCART	355323.00	4177147.00	262.39	262.39
DISCCART	355323.00	4178147.00	263.46	263.46
DISCCART	355323.00	4179147.00	266.27	266.27
DISCCART	355323.00	4180147.00	272.42	272.42
DISCCART	355323.00	4181147.00	284.11	284.11
DISCCART	355323.00	4182147.00	261.68	261.68
DISCCART	355323.00	4183147.00	250.94	250.94
DISCCART	355323.00	4184147.00	254.56	254.56
DISCCART	355323.00	4185147.00	255.78	259.43
DISCCART	355323.00	4186147.00	271.11	271.11
DISCCART	356323.00	4147147.00	285.61	285.61
DISCCART	356323.00	4148147.00	285.17	285.17
DISCCART	356323.00	4149147.00	288.50	288.50
DISCCART	356323.00	4150147.00	286.34	286.34
DISCCART	356323.00	4151147.00	283.85	283.85
DISCCART	356323.00	4152147.00	282.06	282.06
DISCCART	356323.00	4153147.00	277.36	277.36
DISCCART	356323.00	4154147.00	285.56	285.56
DISCCART	356323.00	4155147.00	280.44	280.44
DISCCART	356323.00	4156147.00	280.19	280.19
DISCCART	356323.00	4157147.00	306.69	306.69
DISCCART	356323.00	4158147.00	282.22	282.22
DISCCART	356323.00	4159147.00	276.52	276.52
DISCCART	356323.00	4160147.00	273.60	273.60
DISCCART	356323.00	4161147.00	276.61	276.61
DISCCART	356323.00	4162147.00	270.93	270.93
DISCCART	356323.00	4163147.00	270.29	270.29
DISCCART	356323.00	4164147.00	270.97	270.97
DISCCART	356323.00	4165147.00	261.19	266.56
DISCCART	356323.00	4166147.00	265.50	265.50
DISCCART	356323.00	4167147.00	250.98	250.98
DISCCART	356323.00	4168147.00	248.06	248.06
DISCCART	356323.00	4169147.00	247.50	247.50
DISCCART	356323.00	4170147.00	245.16	245.16
DISCCART	356323.00	4171147.00	241.41	241.41
DISCCART	356323.00	4172147.00	243.95	243.95
DISCCART	356323.00	4173147.00	243.99	243.99
DISCCART	356323.00	4174147.00	243.96	243.96



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	356323.00	4175147.00	250.43	250.43
DISCCART	356323.00	4176147.00	259.01	259.01
DISCCART	356323.00	4177147.00	273.39	273.39
DISCCART	356323.00	4178147.00	262.41	262.41
DISCCART	356323.00	4179147.00	265.06	265.06
DISCCART	356323.00	4180147.00	258.39	258.39
DISCCART	356323.00	4181147.00	261.65	261.65
DISCCART	356323.00	4182147.00	265.17	265.17
DISCCART	356323.00	4183147.00	264.20	264.20
DISCCART	356323.00	4184147.00	247.04	251.58
DISCCART	356323.00	4185147.00	264.75	264.75
DISCCART	356323.00	4186147.00	267.87	267.87
DISCCART	357323.00	4147147.00	288.42	288.42
DISCCART	357323.00	4148147.00	287.48	287.48
DISCCART	357323.00	4149147.00	292.76	292.76
DISCCART	357323.00	4150147.00	297.59	303.95
DISCCART	357323.00	4151147.00	287.82	288.75
DISCCART	357323.00	4152147.00	278.46	280.37
DISCCART	357323.00	4153147.00	272.97	272.97
DISCCART	357323.00	4154147.00	274.46	274.46
DISCCART	357323.00	4155147.00	277.10	277.10
DISCCART	357323.00	4156147.00	275.64	275.64
DISCCART	357323.00	4157147.00	275.77	275.77
DISCCART	357323.00	4158147.00	270.70	270.70
DISCCART	357323.00	4159147.00	270.30	270.30
DISCCART	357323.00	4160147.00	265.15	265.15
DISCCART	357323.00	4161147.00	271.36	271.36
DISCCART	357323.00	4162147.00	277.50	277.50
DISCCART	357323.00	4163147.00	280.57	280.57
DISCCART	357323.00	4164147.00	270.74	271.31
DISCCART	357323.00	4165147.00	268.98	268.98
DISCCART	357323.00	4166147.00	263.72	266.01
DISCCART	357323.00	4167147.00	263.08	263.08
DISCCART	357323.00	4168147.00	250.28	250.28
DISCCART	357323.00	4169147.00	256.68	256.68
DISCCART	357323.00	4170147.00	258.36	258.36
DISCCART	357323.00	4171147.00	250.60	250.60
DISCCART	357323.00	4172147.00	241.09	241.09
DISCCART	357323.00	4173147.00	240.69	240.69
DISCCART	357323.00	4174147.00	245.89	245.89
DISCCART	357323.00	4175147.00	253.78	253.78
DISCCART	357323.00	4176147.00	256.22	256.22
DISCCART	357323.00	4177147.00	259.08	259.08
DISCCART	357323.00	4178147.00	266.69	266.69
DISCCART	357323.00	4179147.00	263.66	263.66
DISCCART	357323.00	4180147.00	260.39	260.39
DISCCART	357323.00	4181147.00	248.80	248.80
DISCCART	357323.00	4182147.00	255.79	255.79
DISCCART	357323.00	4183147.00	246.35	246.35
DISCCART	357323.00	4184147.00	255.07	255.07
DISCCART	357323.00	4185147.00	266.29	266.29
DISCCART	357323.00	4186147.00	275.09	275.09
DISCCART	358323.00	4147147.00	292.74	292.74
DISCCART	358323.00	4148147.00	289.72	289.72
DISCCART	358323.00	4149147.00	290.98	296.95
DISCCART	358323.00	4150147.00	293.91	293.91
DISCCART	358323.00	4151147.00	285.18	292.65
DISCCART	358323.00	4152147.00	282.80	282.80
DISCCART	358323.00	4153147.00	273.33	273.33
DISCCART	358323.00	4154147.00	272.69	283.56
DISCCART	358323.00	4155147.00	269.01	269.01
DISCCART	358323.00	4156147.00	277.62	280.15
DISCCART	358323.00	4157147.00	271.07	271.07
DISCCART	358323.00	4158147.00	272.44	272.44
DISCCART	358323.00	4159147.00	267.59	267.59
DISCCART	358323.00	4160147.00	259.80	259.80
DISCCART	358323.00	4161147.00	265.23	265.23
DISCCART	358323.00	4162147.00	270.03	270.03
DISCCART	358323.00	4163147.00	274.44	274.44
DISCCART	358323.00	4164147.00	268.40	268.40

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358323.00	4165147.00	279.74	279.74
DISCCART	358323.00	4166147.00	274.61	274.61
DISCCART	358323.00	4167147.00	268.53	268.53
DISCCART	358323.00	4168147.00	262.65	262.65
DISCCART	358323.00	4169147.00	276.43	276.85
DISCCART	358323.00	4170147.00	260.56	260.56
DISCCART	358323.00	4171147.00	268.20	268.20
DISCCART	358323.00	4172147.00	249.36	249.36
DISCCART	358323.00	4173147.00	241.11	241.11
DISCCART	358323.00	4174147.00	241.00	241.00
DISCCART	358323.00	4175147.00	247.55	247.55
DISCCART	358323.00	4176147.00	256.18	256.18
DISCCART	358323.00	4177147.00	257.95	257.95
DISCCART	358323.00	4178147.00	257.98	257.98
DISCCART	358323.00	4179147.00	254.04	254.04
DISCCART	358323.00	4180147.00	266.91	269.25
DISCCART	358323.00	4181147.00	261.33	261.33
DISCCART	358323.00	4182147.00	242.61	242.61
DISCCART	358323.00	4183147.00	244.48	244.48
DISCCART	358323.00	4184147.00	252.16	252.16
DISCCART	358323.00	4185147.00	258.47	258.47
DISCCART	358323.00	4186147.00	266.79	266.79
DISCCART	359323.00	4147147.00	295.76	295.76
DISCCART	359323.00	4148147.00	292.59	299.19
DISCCART	359323.00	4149147.00	296.15	296.15
DISCCART	359323.00	4150147.00	292.98	292.98
DISCCART	359323.00	4151147.00	283.43	283.43
DISCCART	359323.00	4152147.00	284.17	284.17
DISCCART	359323.00	4153147.00	276.83	276.83
DISCCART	359323.00	4154147.00	277.25	292.69
DISCCART	359323.00	4155147.00	264.10	264.10
DISCCART	359323.00	4156147.00	269.04	269.04
DISCCART	359323.00	4157147.00	271.24	271.24
DISCCART	359323.00	4158147.00	264.35	264.35
DISCCART	359323.00	4159147.00	261.06	261.06
DISCCART	359323.00	4160147.00	261.40	261.40
DISCCART	359323.00	4161147.00	262.47	262.47
DISCCART	359323.00	4162147.00	265.65	265.65
DISCCART	359323.00	4163147.00	264.65	264.65
DISCCART	359323.00	4164147.00	267.31	271.89
DISCCART	359323.00	4165147.00	261.33	261.33
DISCCART	359323.00	4166147.00	262.52	262.52
DISCCART	359323.00	4167147.00	264.63	264.63
DISCCART	359323.00	4168147.00	254.39	254.39
DISCCART	359323.00	4169147.00	253.31	253.31
DISCCART	359323.00	4170147.00	252.74	252.74
DISCCART	359323.00	4171147.00	257.27	257.27
DISCCART	359323.00	4172147.00	248.13	248.13
DISCCART	359323.00	4173147.00	247.21	247.21
DISCCART	359323.00	4174147.00	240.60	240.60
DISCCART	359323.00	4175147.00	245.95	245.95
DISCCART	359323.00	4176147.00	250.68	250.68
DISCCART	359323.00	4177147.00	254.53	254.53
DISCCART	359323.00	4178147.00	248.87	248.87
DISCCART	359323.00	4179147.00	248.33	248.33
DISCCART	359323.00	4180147.00	256.99	256.99
DISCCART	359323.00	4181147.00	262.05	262.05
DISCCART	359323.00	4182147.00	250.45	250.45
DISCCART	359323.00	4183147.00	242.01	242.01
DISCCART	359323.00	4184147.00	247.50	247.50
DISCCART	359323.00	4185147.00	260.91	265.70
DISCCART	359323.00	4186147.00	262.02	262.02
DISCCART	360323.00	4147147.00	292.83	292.83
DISCCART	360323.00	4148147.00	295.78	295.78
DISCCART	360323.00	4149147.00	295.24	301.21
DISCCART	360323.00	4150147.00	294.55	294.55
DISCCART	360323.00	4151147.00	289.68	289.68
DISCCART	360323.00	4152147.00	284.32	289.44
DISCCART	360323.00	4153147.00	279.80	279.80
DISCCART	360323.00	4154147.00	272.57	272.57

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	360323.00	4155147.00	272.41	272.41
DISCCART	360323.00	4156147.00	264.91	264.91
DISCCART	360323.00	4157147.00	268.36	268.36
DISCCART	360323.00	4158147.00	268.47	268.47
DISCCART	360323.00	4159147.00	263.28	263.28
DISCCART	360323.00	4160147.00	261.47	261.47
DISCCART	360323.00	4161147.00	258.21	258.21
DISCCART	360323.00	4162147.00	256.81	256.81
DISCCART	360323.00	4163147.00	257.98	257.98
DISCCART	360323.00	4164147.00	259.18	262.24
DISCCART	360323.00	4165147.00	252.06	252.06
DISCCART	360323.00	4166147.00	255.54	255.54
DISCCART	360323.00	4167147.00	252.85	252.85
DISCCART	360323.00	4168147.00	250.77	250.77
DISCCART	360323.00	4169147.00	250.82	250.82
DISCCART	360323.00	4170147.00	249.33	249.33
DISCCART	360323.00	4171147.00	253.53	253.53
DISCCART	360323.00	4172147.00	259.03	259.03
DISCCART	360323.00	4173147.00	247.03	247.03
DISCCART	360323.00	4174147.00	240.26	240.26
DISCCART	360323.00	4175147.00	243.74	243.74
DISCCART	360323.00	4176147.00	245.30	245.30
DISCCART	360323.00	4177147.00	246.87	246.87
DISCCART	360323.00	4178147.00	247.17	247.17
DISCCART	360323.00	4179147.00	251.16	251.16
DISCCART	360323.00	4180147.00	248.28	248.28
DISCCART	360323.00	4181147.00	250.13	250.13
DISCCART	360323.00	4182147.00	246.87	246.87
DISCCART	360323.00	4183147.00	245.65	245.65
DISCCART	360323.00	4184147.00	252.02	252.02
DISCCART	360323.00	4185147.00	251.04	251.04
DISCCART	360323.00	4186147.00	254.18	254.18
DISCCART	361323.00	4147147.00	291.96	291.96
DISCCART	361323.00	4148147.00	287.76	287.76
DISCCART	361323.00	4149147.00	287.01	287.01
DISCCART	361323.00	4150147.00	292.46	295.61
DISCCART	361323.00	4151147.00	295.83	295.83
DISCCART	361323.00	4152147.00	286.62	292.93
DISCCART	361323.00	4153147.00	273.93	273.93
DISCCART	361323.00	4154147.00	271.86	271.86
DISCCART	361323.00	4155147.00	271.09	271.09
DISCCART	361323.00	4156147.00	267.89	267.89
DISCCART	361323.00	4157147.00	257.30	257.30
DISCCART	361323.00	4158147.00	262.93	262.93
DISCCART	361323.00	4159147.00	274.26	274.26
DISCCART	361323.00	4160147.00	258.49	258.49
DISCCART	361323.00	4161147.00	258.63	258.63
DISCCART	361323.00	4162147.00	254.73	254.73
DISCCART	361323.00	4163147.00	265.91	265.91
DISCCART	361323.00	4164147.00	255.48	255.48
DISCCART	361323.00	4165147.00	254.23	254.23
DISCCART	361323.00	4166147.00	246.96	246.96
DISCCART	361323.00	4167147.00	248.52	248.52
DISCCART	361323.00	4168147.00	246.85	246.85
DISCCART	361323.00	4169147.00	241.50	241.50
DISCCART	361323.00	4170147.00	241.01	241.01
DISCCART	361323.00	4171147.00	249.91	249.91
DISCCART	361323.00	4172147.00	250.56	250.56
DISCCART	361323.00	4173147.00	243.04	243.04
DISCCART	361323.00	4174147.00	244.22	244.22
DISCCART	361323.00	4175147.00	237.57	237.57
DISCCART	361323.00	4176147.00	241.87	241.87
DISCCART	361323.00	4177147.00	243.10	243.10
DISCCART	361323.00	4178147.00	248.90	248.90
DISCCART	361323.00	4179147.00	250.66	250.66
DISCCART	361323.00	4180147.00	247.13	247.13
DISCCART	361323.00	4181147.00	247.63	247.63
DISCCART	361323.00	4182147.00	247.49	247.49
DISCCART	361323.00	4183147.00	244.13	244.13
DISCCART	361323.00	4184147.00	241.97	241.97

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	361323.00	4185147.00	254.42	254.42
DISCCART	361323.00	4186147.00	252.91	252.91
DISCCART	362323.00	4147147.00	285.37	285.37
DISCCART	362323.00	4148147.00	287.36	287.36
DISCCART	362323.00	4149147.00	289.70	289.70
DISCCART	362323.00	4150147.00	295.77	295.77
DISCCART	362323.00	4151147.00	298.76	298.76
DISCCART	362323.00	4152147.00	283.90	283.90
DISCCART	362323.00	4153147.00	281.82	281.82
DISCCART	362323.00	4154147.00	280.74	280.74
DISCCART	362323.00	4155147.00	277.32	277.32
DISCCART	362323.00	4156147.00	260.92	260.92
DISCCART	362323.00	4157147.00	269.10	269.10
DISCCART	362323.00	4158147.00	263.73	263.73
DISCCART	362323.00	4159147.00	252.99	252.99
DISCCART	362323.00	4160147.00	253.88	253.88
DISCCART	362323.00	4161147.00	254.54	254.54
DISCCART	362323.00	4162147.00	261.06	261.06
DISCCART	362323.00	4163147.00	259.24	259.24
DISCCART	362323.00	4164147.00	253.50	253.50
DISCCART	362323.00	4165147.00	245.10	245.10
DISCCART	362323.00	4166147.00	243.81	243.81
DISCCART	362323.00	4167147.00	245.88	247.62
DISCCART	362323.00	4168147.00	250.06	250.06
DISCCART	362323.00	4169147.00	248.35	248.35
DISCCART	362323.00	4170147.00	237.66	240.98
DISCCART	362323.00	4171147.00	240.93	240.93
DISCCART	362323.00	4172147.00	239.22	239.22
DISCCART	362323.00	4173147.00	238.07	238.07
DISCCART	362323.00	4174147.00	238.23	238.23
DISCCART	362323.00	4175147.00	238.11	238.11
DISCCART	362323.00	4176147.00	241.61	241.61
DISCCART	362323.00	4177147.00	237.57	237.57
DISCCART	362323.00	4178147.00	240.69	240.69
DISCCART	362323.00	4179147.00	242.42	242.42
DISCCART	362323.00	4180147.00	245.33	245.33
DISCCART	362323.00	4181147.00	244.93	244.93
DISCCART	362323.00	4182147.00	243.92	243.92
DISCCART	362323.00	4183147.00	238.44	238.44
DISCCART	362323.00	4184147.00	247.62	247.62
DISCCART	362323.00	4185147.00	248.63	248.63
DISCCART	362323.00	4186147.00	239.96	239.96
DISCCART	363323.00	4147147.00	286.63	286.63
DISCCART	363323.00	4148147.00	284.53	284.53
DISCCART	363323.00	4149147.00	287.42	287.42
DISCCART	363323.00	4150147.00	293.66	293.66
DISCCART	363323.00	4151147.00	295.80	295.80
DISCCART	363323.00	4152147.00	286.86	286.86
DISCCART	363323.00	4153147.00	285.01	285.01
DISCCART	363323.00	4154147.00	283.20	283.20
DISCCART	363323.00	4155147.00	281.47	281.47
DISCCART	363323.00	4156147.00	267.71	267.71
DISCCART	363323.00	4157147.00	268.90	268.90
DISCCART	363323.00	4158147.00	262.33	262.33
DISCCART	363323.00	4159147.00	259.91	259.91
DISCCART	363323.00	4160147.00	267.25	267.25
DISCCART	363323.00	4161147.00	260.83	260.83
DISCCART	363323.00	4162147.00	261.98	261.98
DISCCART	363323.00	4163147.00	260.94	260.94
DISCCART	363323.00	4164147.00	251.64	251.64
DISCCART	363323.00	4165147.00	245.97	245.97
DISCCART	363323.00	4166147.00	255.05	255.05
DISCCART	363323.00	4167147.00	261.32	261.32
DISCCART	363323.00	4168147.00	261.22	261.22
DISCCART	363323.00	4169147.00	246.94	246.94
DISCCART	363323.00	4170147.00	246.55	246.55
DISCCART	363323.00	4171147.00	249.64	249.64
DISCCART	363323.00	4172147.00	245.90	245.90
DISCCART	363323.00	4173147.00	237.04	237.04
DISCCART	363323.00	4174147.00	238.00	238.00

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	363323.00	4175147.00	238.68	238.68
DISCCART	363323.00	4176147.00	237.86	237.86
DISCCART	363323.00	4177147.00	234.66	234.66
DISCCART	363323.00	4178147.00	236.06	236.06
DISCCART	363323.00	4179147.00	239.14	239.14
DISCCART	363323.00	4180147.00	239.31	239.31
DISCCART	363323.00	4181147.00	241.65	241.65
DISCCART	363323.00	4182147.00	236.56	236.56
DISCCART	363323.00	4183147.00	239.91	239.91
DISCCART	363323.00	4184147.00	246.09	246.09
DISCCART	363323.00	4185147.00	249.32	249.32
DISCCART	363323.00	4186147.00	241.11	241.11
DISCCART	364323.00	4147147.00	286.74	286.74
DISCCART	364323.00	4148147.00	291.06	291.06
DISCCART	364323.00	4149147.00	290.37	290.37
DISCCART	364323.00	4150147.00	294.62	294.62
DISCCART	364323.00	4151147.00	293.58	293.58
DISCCART	364323.00	4152147.00	292.93	292.93
DISCCART	364323.00	4153147.00	296.14	296.14
DISCCART	364323.00	4154147.00	293.28	293.28
DISCCART	364323.00	4155147.00	277.93	277.93
DISCCART	364323.00	4156147.00	278.24	278.24
DISCCART	364323.00	4157147.00	268.95	268.95
DISCCART	364323.00	4158147.00	286.79	286.79
DISCCART	364323.00	4159147.00	265.74	265.74
DISCCART	364323.00	4160147.00	266.17	266.17
DISCCART	364323.00	4161147.00	264.16	264.16
DISCCART	364323.00	4162147.00	257.29	257.29
DISCCART	364323.00	4163147.00	249.84	249.84
DISCCART	364323.00	4164147.00	252.48	252.48
DISCCART	364323.00	4165147.00	258.52	258.52
DISCCART	364323.00	4166147.00	259.68	259.68
DISCCART	364323.00	4167147.00	264.59	264.59
DISCCART	364323.00	4168147.00	244.90	260.05
DISCCART	364323.00	4169147.00	245.36	245.36
DISCCART	364323.00	4170147.00	255.19	255.19
DISCCART	364323.00	4171147.00	254.65	254.65
DISCCART	364323.00	4172147.00	249.75	249.75
DISCCART	364323.00	4173147.00	245.63	245.63
DISCCART	364323.00	4174147.00	246.43	246.43
DISCCART	364323.00	4175147.00	243.70	243.70
DISCCART	364323.00	4176147.00	241.14	241.14
DISCCART	364323.00	4177147.00	238.52	238.52
DISCCART	364323.00	4178147.00	238.63	238.63
DISCCART	364323.00	4179147.00	235.19	235.19
DISCCART	364323.00	4180147.00	234.77	234.77
DISCCART	364323.00	4181147.00	235.06	235.06
DISCCART	364323.00	4182147.00	236.84	236.84
DISCCART	364323.00	4183147.00	239.61	239.61
DISCCART	364323.00	4184147.00	239.45	239.45
DISCCART	364323.00	4185147.00	240.86	240.86
DISCCART	364323.00	4186147.00	238.02	238.02
DISCCART	365323.00	4147147.00	289.56	289.56
DISCCART	365323.00	4148147.00	293.03	293.03
DISCCART	365323.00	4149147.00	292.37	292.37
DISCCART	365323.00	4150147.00	298.95	298.95
DISCCART	365323.00	4151147.00	299.08	299.08
DISCCART	365323.00	4152147.00	304.23	304.23
DISCCART	365323.00	4153147.00	302.61	302.61
DISCCART	365323.00	4154147.00	286.73	286.73
DISCCART	365323.00	4155147.00	286.46	286.46
DISCCART	365323.00	4156147.00	283.67	283.67
DISCCART	365323.00	4157147.00	290.52	290.52
DISCCART	365323.00	4158147.00	271.25	271.25
DISCCART	365323.00	4159147.00	268.38	268.38
DISCCART	365323.00	4160147.00	268.08	268.08
DISCCART	365323.00	4161147.00	250.08	250.08
DISCCART	365323.00	4162147.00	263.02	263.02
DISCCART	365323.00	4163147.00	256.69	256.69
DISCCART	365323.00	4164147.00	255.59	255.59

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	365323.00	4165147.00	262.38	262.38
DISCCART	365323.00	4166147.00	260.06	260.06
DISCCART	365323.00	4167147.00	250.03	255.99
DISCCART	365323.00	4168147.00	254.39	254.39
DISCCART	365323.00	4169147.00	254.05	259.18
DISCCART	365323.00	4170147.00	256.71	256.71
DISCCART	365323.00	4171147.00	257.63	257.63
DISCCART	365323.00	4172147.00	254.27	254.27
DISCCART	365323.00	4173147.00	261.35	261.35
DISCCART	365323.00	4174147.00	250.57	250.57
DISCCART	365323.00	4175147.00	245.26	245.26
DISCCART	365323.00	4176147.00	250.02	250.02
DISCCART	365323.00	4177147.00	244.90	244.90
DISCCART	365323.00	4178147.00	247.85	247.85
DISCCART	365323.00	4179147.00	242.16	242.16
DISCCART	365323.00	4180147.00	236.23	236.23
DISCCART	365323.00	4181147.00	231.64	236.88
DISCCART	365323.00	4182147.00	235.26	235.26
DISCCART	365323.00	4183147.00	234.20	234.20
DISCCART	365323.00	4184147.00	233.99	233.99
DISCCART	365323.00	4185147.00	235.29	235.29
DISCCART	365323.00	4186147.00	237.54	237.54
DISCCART	366323.00	4147147.00	286.43	286.43
DISCCART	366323.00	4148147.00	289.65	289.65
DISCCART	366323.00	4149147.00	295.50	295.50
DISCCART	366323.00	4150147.00	299.15	299.15
DISCCART	366323.00	4151147.00	298.71	298.71
DISCCART	366323.00	4152147.00	305.10	305.10
DISCCART	366323.00	4153147.00	294.27	294.27
DISCCART	366323.00	4154147.00	284.01	284.01
DISCCART	366323.00	4155147.00	293.04	293.04
DISCCART	366323.00	4156147.00	281.83	281.83
DISCCART	366323.00	4157147.00	285.23	285.23
DISCCART	366323.00	4158147.00	272.85	272.85
DISCCART	366323.00	4159147.00	265.63	265.63
DISCCART	366323.00	4160147.00	273.65	273.65
DISCCART	366323.00	4161147.00	254.56	254.56
DISCCART	366323.00	4162147.00	265.27	265.27
DISCCART	366323.00	4163147.00	261.27	261.27
DISCCART	366323.00	4164147.00	264.49	264.49
DISCCART	366323.00	4165147.00	262.66	262.66
DISCCART	366323.00	4166147.00	255.56	255.56
DISCCART	366323.00	4167147.00	247.72	247.72
DISCCART	366323.00	4168147.00	259.04	259.04
DISCCART	366323.00	4169147.00	257.72	257.72
DISCCART	366323.00	4170147.00	252.78	252.78
DISCCART	366323.00	4171147.00	257.42	257.42
DISCCART	366323.00	4172147.00	262.34	262.34
DISCCART	366323.00	4173147.00	256.67	256.67
DISCCART	366323.00	4174147.00	250.12	250.12
DISCCART	366323.00	4175147.00	247.15	247.15
DISCCART	366323.00	4176147.00	249.32	249.32
DISCCART	366323.00	4177147.00	251.04	251.04
DISCCART	366323.00	4178147.00	250.35	250.35
DISCCART	366323.00	4179147.00	248.44	248.44
DISCCART	366323.00	4180147.00	241.06	241.06
DISCCART	366323.00	4181147.00	236.18	236.18
DISCCART	366323.00	4182147.00	233.58	233.58
DISCCART	366323.00	4183147.00	234.99	234.99
DISCCART	366323.00	4184147.00	234.11	234.11
DISCCART	366323.00	4185147.00	234.21	234.21
DISCCART	366323.00	4186147.00	233.61	233.61
DISCCART	367323.00	4147147.00	288.82	288.82
DISCCART	367323.00	4148147.00	291.42	291.42
DISCCART	367323.00	4149147.00	290.57	290.57
DISCCART	367323.00	4150147.00	292.78	292.78
DISCCART	367323.00	4151147.00	298.53	298.53
DISCCART	367323.00	4152147.00	299.39	299.39
DISCCART	367323.00	4153147.00	298.47	298.47
DISCCART	367323.00	4154147.00	292.38	301.03

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	367323.00	4155147.00	284.32	284.32
DISCCART	367323.00	4156147.00	281.00	281.00
DISCCART	367323.00	4157147.00	275.55	275.55
DISCCART	367323.00	4158147.00	277.51	277.51
DISCCART	367323.00	4159147.00	280.65	280.65
DISCCART	367323.00	4160147.00	273.64	273.64
DISCCART	367323.00	4161147.00	266.72	269.14
DISCCART	367323.00	4162147.00	264.87	264.87
DISCCART	367323.00	4163147.00	262.39	262.39
DISCCART	367323.00	4164147.00	256.15	256.15
DISCCART	367323.00	4165147.00	256.67	256.67
DISCCART	367323.00	4166147.00	252.68	256.45
DISCCART	367323.00	4167147.00	263.70	263.70
DISCCART	367323.00	4168147.00	265.59	265.59
DISCCART	367323.00	4169147.00	265.73	265.73
DISCCART	367323.00	4170147.00	248.81	248.81
DISCCART	367323.00	4171147.00	250.77	253.37
DISCCART	367323.00	4172147.00	253.20	253.20
DISCCART	367323.00	4173147.00	264.12	264.12
DISCCART	367323.00	4174147.00	271.34	271.34
DISCCART	367323.00	4175147.00	264.60	264.60
DISCCART	367323.00	4176147.00	257.49	257.49
DISCCART	367323.00	4177147.00	262.10	266.16
DISCCART	367323.00	4178147.00	248.48	248.48
DISCCART	367323.00	4179147.00	247.25	247.25
DISCCART	367323.00	4180147.00	242.56	242.56
DISCCART	367323.00	4181147.00	243.01	243.01
DISCCART	367323.00	4182147.00	243.43	243.43
DISCCART	367323.00	4183147.00	253.50	253.50
DISCCART	367323.00	4184147.00	248.56	248.56
DISCCART	367323.00	4185147.00	238.91	238.91
DISCCART	367323.00	4186147.00	232.95	232.95
DISCCART	368323.00	4147147.00	299.18	299.18
DISCCART	368323.00	4148147.00	296.44	296.44
DISCCART	368323.00	4149147.00	296.78	296.78
DISCCART	368323.00	4150147.00	295.92	295.92
DISCCART	368323.00	4151147.00	302.16	302.16
DISCCART	368323.00	4152147.00	300.45	300.45
DISCCART	368323.00	4153147.00	291.02	291.02
DISCCART	368323.00	4154147.00	304.33	304.33
DISCCART	368323.00	4155147.00	289.52	289.52
DISCCART	368323.00	4156147.00	283.98	283.98
DISCCART	368323.00	4157147.00	277.92	277.92
DISCCART	368323.00	4158147.00	270.27	270.27
DISCCART	368323.00	4159147.00	266.51	272.50
DISCCART	368323.00	4160147.00	271.50	271.50
DISCCART	368323.00	4161147.00	268.56	268.56
DISCCART	368323.00	4162147.00	263.42	263.42
DISCCART	368323.00	4163147.00	263.49	263.49
DISCCART	368323.00	4164147.00	259.59	259.59
DISCCART	368323.00	4165147.00	266.66	266.66
DISCCART	368323.00	4166147.00	264.99	264.99
DISCCART	368323.00	4167147.00	256.24	256.24
DISCCART	368323.00	4168147.00	268.60	268.60
DISCCART	368323.00	4169147.00	263.94	263.94
DISCCART	368323.00	4170147.00	258.27	258.27
DISCCART	368323.00	4171147.00	263.26	263.26
DISCCART	368323.00	4172147.00	265.51	265.51
DISCCART	368323.00	4173147.00	259.70	259.70
DISCCART	368323.00	4174147.00	267.79	267.79
DISCCART	368323.00	4175147.00	287.23	287.23
DISCCART	368323.00	4176147.00	265.27	265.27
DISCCART	368323.00	4177147.00	273.18	273.18
DISCCART	368323.00	4178147.00	262.64	300.21
DISCCART	368323.00	4179147.00	249.40	249.40
DISCCART	368323.00	4180147.00	244.52	244.52
DISCCART	368323.00	4181147.00	244.31	244.31
DISCCART	368323.00	4182147.00	250.08	250.08
DISCCART	368323.00	4183147.00	249.46	249.46
DISCCART	368323.00	4184147.00	246.53	246.53

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	368323.00	4185147.00	241.41	241.41
DISCCART	368323.00	4186147.00	237.91	237.91
DISCCART	369323.00	4147147.00	296.47	296.47
DISCCART	369323.00	4148147.00	299.78	299.78
DISCCART	369323.00	4149147.00	300.96	300.96
DISCCART	369323.00	4150147.00	296.44	296.44
DISCCART	369323.00	4151147.00	289.71	289.71
DISCCART	369323.00	4152147.00	290.35	290.35
DISCCART	369323.00	4153147.00	292.01	292.01
DISCCART	369323.00	4154147.00	292.10	292.10
DISCCART	369323.00	4155147.00	286.30	286.30
DISCCART	369323.00	4156147.00	283.64	283.64
DISCCART	369323.00	4157147.00	275.07	275.07
DISCCART	369323.00	4158147.00	274.74	274.74
DISCCART	369323.00	4159147.00	269.41	269.41
DISCCART	369323.00	4160147.00	263.53	263.53
DISCCART	369323.00	4161147.00	266.71	266.71
DISCCART	369323.00	4162147.00	266.61	266.61
DISCCART	369323.00	4163147.00	271.60	271.60
DISCCART	369323.00	4164147.00	265.23	265.23
DISCCART	369323.00	4165147.00	267.39	267.39
DISCCART	369323.00	4166147.00	259.65	259.65
DISCCART	369323.00	4167147.00	261.25	261.25
DISCCART	369323.00	4168147.00	266.33	266.33
DISCCART	369323.00	4169147.00	258.31	258.31
DISCCART	369323.00	4170147.00	265.73	265.73
DISCCART	369323.00	4171147.00	266.67	266.67
DISCCART	369323.00	4172147.00	265.25	265.25
DISCCART	369323.00	4173147.00	271.60	271.60
DISCCART	369323.00	4174147.00	277.44	277.44
DISCCART	369323.00	4175147.00	286.15	286.15
DISCCART	369323.00	4176147.00	281.68	281.68
DISCCART	369323.00	4177147.00	275.45	275.45
DISCCART	369323.00	4178147.00	268.54	274.63
DISCCART	369323.00	4179147.00	252.75	252.75
DISCCART	369323.00	4180147.00	259.66	259.66
DISCCART	369323.00	4181147.00	249.56	249.56
DISCCART	369323.00	4182147.00	248.76	248.76
DISCCART	369323.00	4183147.00	240.64	240.64
DISCCART	369323.00	4184147.00	235.40	235.40
DISCCART	369323.00	4185147.00	238.34	238.34
DISCCART	369323.00	4186147.00	239.23	239.23
DISCCART	370323.00	4147147.00	298.84	298.84
DISCCART	370323.00	4148147.00	302.44	302.44
DISCCART	370323.00	4149147.00	302.38	302.38
DISCCART	370323.00	4150147.00	301.15	301.15
DISCCART	370323.00	4151147.00	293.35	293.35
DISCCART	370323.00	4152147.00	286.32	286.32
DISCCART	370323.00	4153147.00	281.60	281.60
DISCCART	370323.00	4154147.00	290.11	290.11
DISCCART	370323.00	4155147.00	277.76	277.76
DISCCART	370323.00	4156147.00	278.36	278.36
DISCCART	370323.00	4157147.00	280.56	284.13
DISCCART	370323.00	4158147.00	271.96	277.48
DISCCART	370323.00	4159147.00	266.83	266.83
DISCCART	370323.00	4160147.00	267.52	267.52
DISCCART	370323.00	4161147.00	269.91	269.91
DISCCART	370323.00	4162147.00	270.93	270.93
DISCCART	370323.00	4163147.00	267.92	267.92
DISCCART	370323.00	4164147.00	265.62	265.62
DISCCART	370323.00	4165147.00	271.53	271.53
DISCCART	370323.00	4166147.00	262.09	262.09
DISCCART	370323.00	4167147.00	272.78	272.78
DISCCART	370323.00	4168147.00	266.91	266.91
DISCCART	370323.00	4169147.00	265.08	265.08
DISCCART	370323.00	4170147.00	269.98	269.98
DISCCART	370323.00	4171147.00	270.86	270.86
DISCCART	370323.00	4172147.00	269.86	269.86
DISCCART	370323.00	4173147.00	273.66	273.66
DISCCART	370323.00	4174147.00	271.96	271.96



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	370323.00	4175147.00	272.27	272.27
DISCCART	370323.00	4176147.00	263.68	263.68
DISCCART	370323.00	4177147.00	262.39	262.39
DISCCART	370323.00	4178147.00	259.56	259.56
DISCCART	370323.00	4179147.00	259.01	259.01
DISCCART	370323.00	4180147.00	256.70	256.70
DISCCART	370323.00	4181147.00	248.09	248.09
DISCCART	370323.00	4182147.00	245.70	245.70
DISCCART	370323.00	4183147.00	243.92	243.92
DISCCART	370323.00	4184147.00	244.45	244.45
DISCCART	370323.00	4185147.00	244.11	244.11
DISCCART	370323.00	4186147.00	244.54	244.54
DISCCART	371323.00	4147147.00	304.46	304.46
DISCCART	371323.00	4148147.00	303.11	303.11
DISCCART	371323.00	4149147.00	299.02	299.02
DISCCART	371323.00	4150147.00	301.90	301.90
DISCCART	371323.00	4151147.00	298.42	298.42
DISCCART	371323.00	4152147.00	296.24	296.24
DISCCART	371323.00	4153147.00	294.09	294.09
DISCCART	371323.00	4154147.00	296.37	296.37
DISCCART	371323.00	4155147.00	292.42	292.42
DISCCART	371323.00	4156147.00	283.39	283.39
DISCCART	371323.00	4157147.00	288.65	288.65
DISCCART	371323.00	4158147.00	282.63	282.63
DISCCART	371323.00	4159147.00	264.98	264.98
DISCCART	371323.00	4160147.00	268.92	268.92
DISCCART	371323.00	4161147.00	296.92	296.92
DISCCART	371323.00	4162147.00	272.40	272.40
DISCCART	371323.00	4163147.00	268.43	268.43
DISCCART	371323.00	4164147.00	270.16	270.16
DISCCART	371323.00	4165147.00	270.81	270.81
DISCCART	371323.00	4166147.00	270.13	270.13
DISCCART	371323.00	4167147.00	279.00	279.00
DISCCART	371323.00	4168147.00	263.28	263.28
DISCCART	371323.00	4169147.00	270.08	270.08
DISCCART	371323.00	4170147.00	276.46	276.46
DISCCART	371323.00	4171147.00	270.90	270.90
DISCCART	371323.00	4172147.00	264.15	264.15
DISCCART	371323.00	4173147.00	272.20	272.20
DISCCART	371323.00	4174147.00	259.52	259.52
DISCCART	371323.00	4175147.00	259.23	259.23
DISCCART	371323.00	4176147.00	258.00	258.00
DISCCART	371323.00	4177147.00	257.17	257.17
DISCCART	371323.00	4178147.00	260.62	260.62
DISCCART	371323.00	4179147.00	255.95	255.95
DISCCART	371323.00	4180147.00	258.76	258.76
DISCCART	371323.00	4181147.00	255.81	255.81
DISCCART	371323.00	4182147.00	249.11	249.11
DISCCART	371323.00	4183147.00	248.51	248.51
DISCCART	371323.00	4184147.00	249.60	249.60
DISCCART	371323.00	4185147.00	246.64	246.64
DISCCART	371323.00	4186147.00	248.28	248.28
DISCCART	372323.00	4147147.00	299.96	299.96
DISCCART	372323.00	4148147.00	298.53	298.53
DISCCART	372323.00	4149147.00	295.92	295.92
DISCCART	372323.00	4150147.00	299.45	299.45
DISCCART	372323.00	4151147.00	295.85	295.85
DISCCART	372323.00	4152147.00	299.86	299.86
DISCCART	372323.00	4153147.00	298.90	298.90
DISCCART	372323.00	4154147.00	299.12	299.12
DISCCART	372323.00	4155147.00	296.35	296.35
DISCCART	372323.00	4156147.00	295.38	295.38
DISCCART	372323.00	4157147.00	289.71	289.71
DISCCART	372323.00	4158147.00	278.10	278.10
DISCCART	372323.00	4159147.00	275.23	275.23
DISCCART	372323.00	4160147.00	275.87	275.87
DISCCART	372323.00	4161147.00	280.15	280.15
DISCCART	372323.00	4162147.00	274.46	274.46
DISCCART	372323.00	4163147.00	272.91	272.91
DISCCART	372323.00	4164147.00	272.78	272.78

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	372323.00	4165147.00	273.63	273.63
DISCCART	372323.00	4166147.00	279.01	279.01
DISCCART	372323.00	4167147.00	271.46	271.46
DISCCART	372323.00	4168147.00	268.32	268.32
DISCCART	372323.00	4169147.00	264.82	264.82
DISCCART	372323.00	4170147.00	271.14	271.14
DISCCART	372323.00	4171147.00	268.84	268.84
DISCCART	372323.00	4172147.00	275.35	275.35
DISCCART	372323.00	4173147.00	261.57	261.57
DISCCART	372323.00	4174147.00	265.30	265.30
DISCCART	372323.00	4175147.00	253.66	253.66
DISCCART	372323.00	4176147.00	254.57	254.57
DISCCART	372323.00	4177147.00	261.74	261.74
DISCCART	372323.00	4178147.00	258.10	258.10
DISCCART	372323.00	4179147.00	251.36	251.36
DISCCART	372323.00	4180147.00	254.78	254.78
DISCCART	372323.00	4181147.00	255.96	255.96
DISCCART	372323.00	4182147.00	250.86	250.86
DISCCART	372323.00	4183147.00	250.82	250.82
DISCCART	372323.00	4184147.00	254.68	254.68
DISCCART	372323.00	4185147.00	250.53	250.53
DISCCART	372323.00	4186147.00	257.40	257.40
DISCCART	373323.00	4147147.00	296.02	296.02
DISCCART	373323.00	4148147.00	296.58	296.58
DISCCART	373323.00	4149147.00	298.61	298.61
DISCCART	373323.00	4150147.00	296.64	296.64
DISCCART	373323.00	4151147.00	297.31	297.31
DISCCART	373323.00	4152147.00	301.73	301.73
DISCCART	373323.00	4153147.00	299.08	299.08
DISCCART	373323.00	4154147.00	297.67	297.67
DISCCART	373323.00	4155147.00	295.69	295.69
DISCCART	373323.00	4156147.00	288.18	288.18
DISCCART	373323.00	4157147.00	285.38	285.38
DISCCART	373323.00	4158147.00	275.67	275.67
DISCCART	373323.00	4159147.00	286.98	286.98
DISCCART	373323.00	4160147.00	286.87	286.87
DISCCART	373323.00	4161147.00	280.19	280.19
DISCCART	373323.00	4162147.00	279.07	279.07
DISCCART	373323.00	4163147.00	274.63	274.63
DISCCART	373323.00	4164147.00	274.86	274.86
DISCCART	373323.00	4165147.00	278.89	278.89
DISCCART	373323.00	4166147.00	275.18	275.18
DISCCART	373323.00	4167147.00	262.11	262.11
DISCCART	373323.00	4168147.00	262.45	262.45
DISCCART	373323.00	4169147.00	256.18	256.18
DISCCART	373323.00	4170147.00	256.35	256.35
DISCCART	373323.00	4171147.00	256.88	256.88
DISCCART	373323.00	4172147.00	262.26	262.26
DISCCART	373323.00	4173147.00	255.70	255.70
DISCCART	373323.00	4174147.00	262.61	262.61
DISCCART	373323.00	4175147.00	260.68	260.68
DISCCART	373323.00	4176147.00	252.10	252.10
DISCCART	373323.00	4177147.00	256.13	256.13
DISCCART	373323.00	4178147.00	250.55	250.55
DISCCART	373323.00	4179147.00	253.15	253.15
DISCCART	373323.00	4180147.00	255.77	255.77
DISCCART	373323.00	4181147.00	259.80	259.80
DISCCART	373323.00	4182147.00	257.19	257.19
DISCCART	373323.00	4183147.00	256.27	256.27
DISCCART	373323.00	4184147.00	261.93	261.93
DISCCART	373323.00	4185147.00	258.90	258.90
DISCCART	373323.00	4186147.00	259.68	259.68
DISCCART	374323.00	4147147.00	296.51	296.51
DISCCART	374323.00	4148147.00	289.76	289.76
DISCCART	374323.00	4149147.00	295.81	295.81
DISCCART	374323.00	4150147.00	293.35	293.35
DISCCART	374323.00	4151147.00	298.94	298.94
DISCCART	374323.00	4152147.00	299.01	299.01
DISCCART	374323.00	4153147.00	296.19	296.19
DISCCART	374323.00	4154147.00	299.11	299.11

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	374323.00	4155147.00	298.99	298.99
DISCCART	374323.00	4156147.00	296.15	296.15
DISCCART	374323.00	4157147.00	284.27	284.27
DISCCART	374323.00	4158147.00	284.96	284.96
DISCCART	374323.00	4159147.00	290.19	290.19
DISCCART	374323.00	4160147.00	281.10	281.10
DISCCART	374323.00	4161147.00	280.25	280.25
DISCCART	374323.00	4162147.00	277.38	277.38
DISCCART	374323.00	4163147.00	277.45	277.45
DISCCART	374323.00	4164147.00	281.91	281.91
DISCCART	374323.00	4165147.00	286.61	286.61
DISCCART	374323.00	4166147.00	271.10	271.10
DISCCART	374323.00	4167147.00	265.93	265.93
DISCCART	374323.00	4168147.00	255.68	255.68
DISCCART	374323.00	4169147.00	258.37	258.37
DISCCART	374323.00	4170147.00	262.30	262.30
DISCCART	374323.00	4171147.00	252.47	252.47
DISCCART	374323.00	4172147.00	262.32	262.32
DISCCART	374323.00	4173147.00	255.99	255.99
DISCCART	374323.00	4174147.00	253.24	253.24
DISCCART	374323.00	4175147.00	260.24	260.24
DISCCART	374323.00	4176147.00	259.42	259.42
DISCCART	374323.00	4177147.00	261.92	261.92
DISCCART	374323.00	4178147.00	252.04	252.04
DISCCART	374323.00	4179147.00	252.90	252.90
DISCCART	374323.00	4180147.00	260.69	260.69
DISCCART	374323.00	4181147.00	264.45	264.45
DISCCART	374323.00	4182147.00	261.38	261.38
DISCCART	374323.00	4183147.00	254.42	254.42
DISCCART	374323.00	4184147.00	259.50	259.50
DISCCART	374323.00	4185147.00	254.32	254.32
DISCCART	374323.00	4186147.00	257.88	257.88
DISCCART	375323.00	4147147.00	295.83	295.83
DISCCART	375323.00	4148147.00	289.24	289.24
DISCCART	375323.00	4149147.00	290.84	290.84
DISCCART	375323.00	4150147.00	289.62	289.62
DISCCART	375323.00	4151147.00	293.25	293.25
DISCCART	375323.00	4152147.00	295.54	295.54
DISCCART	375323.00	4153147.00	296.07	296.07
DISCCART	375323.00	4154147.00	296.34	296.34
DISCCART	375323.00	4155147.00	293.06	293.06
DISCCART	375323.00	4156147.00	289.74	289.74
DISCCART	375323.00	4157147.00	288.10	288.10
DISCCART	375323.00	4158147.00	296.66	296.66
DISCCART	375323.00	4159147.00	294.38	294.38
DISCCART	375323.00	4160147.00	283.84	283.84
DISCCART	375323.00	4161147.00	276.46	276.46
DISCCART	375323.00	4162147.00	277.08	277.08
DISCCART	375323.00	4163147.00	276.83	276.83
DISCCART	375323.00	4164147.00	270.04	270.04
DISCCART	375323.00	4165147.00	265.89	265.89
DISCCART	375323.00	4166147.00	267.07	267.07
DISCCART	375323.00	4167147.00	273.34	273.34
DISCCART	375323.00	4168147.00	267.03	267.03
DISCCART	375323.00	4169147.00	260.29	260.29
DISCCART	375323.00	4170147.00	253.40	253.40
DISCCART	375323.00	4171147.00	245.74	245.74
DISCCART	375323.00	4172147.00	258.86	258.86
DISCCART	375323.00	4173147.00	262.49	262.49
DISCCART	375323.00	4174147.00	248.65	257.61
DISCCART	375323.00	4175147.00	254.10	254.10
DISCCART	375323.00	4176147.00	254.27	254.27
DISCCART	375323.00	4177147.00	250.31	250.31
DISCCART	375323.00	4178147.00	254.19	254.19
DISCCART	375323.00	4179147.00	252.15	252.15
DISCCART	375323.00	4180147.00	250.78	250.78
DISCCART	375323.00	4181147.00	254.70	254.70
DISCCART	375323.00	4182147.00	261.05	261.05
DISCCART	375323.00	4183147.00	238.86	245.78
DISCCART	375323.00	4184147.00	259.43	259.43

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	375323.00	4185147.00	264.10	264.10
DISCCART	375323.00	4186147.00	238.99	254.02
DISCCART	376323.00	4147147.00	290.23	290.23
DISCCART	376323.00	4148147.00	286.95	286.95
DISCCART	376323.00	4149147.00	292.97	292.97
DISCCART	376323.00	4150147.00	292.81	292.81
DISCCART	376323.00	4151147.00	299.12	299.12
DISCCART	376323.00	4152147.00	295.51	295.51
DISCCART	376323.00	4153147.00	301.99	301.99
DISCCART	376323.00	4154147.00	299.37	299.37
DISCCART	376323.00	4155147.00	296.82	296.82
DISCCART	376323.00	4156147.00	291.42	291.42
DISCCART	376323.00	4157147.00	289.85	289.85
DISCCART	376323.00	4158147.00	290.43	290.43
DISCCART	376323.00	4159147.00	283.11	283.11
DISCCART	376323.00	4160147.00	277.07	277.07
DISCCART	376323.00	4161147.00	273.57	273.57
DISCCART	376323.00	4162147.00	275.18	275.18
DISCCART	376323.00	4163147.00	278.46	278.46
DISCCART	376323.00	4164147.00	281.58	281.58
DISCCART	376323.00	4165147.00	275.03	275.03
DISCCART	376323.00	4166147.00	268.26	268.26
DISCCART	376323.00	4167147.00	250.28	262.02
DISCCART	376323.00	4168147.00	271.15	271.15
DISCCART	376323.00	4169147.00	262.14	262.14
DISCCART	376323.00	4170147.00	261.19	261.19
DISCCART	376323.00	4171147.00	247.50	247.50
DISCCART	376323.00	4172147.00	246.01	246.01
DISCCART	376323.00	4173147.00	250.01	250.01
DISCCART	376323.00	4174147.00	242.75	242.75
DISCCART	376323.00	4175147.00	245.70	250.89
DISCCART	376323.00	4176147.00	241.03	241.03
DISCCART	376323.00	4177147.00	240.85	240.85
DISCCART	376323.00	4178147.00	247.91	247.91
DISCCART	376323.00	4179147.00	240.79	240.79
DISCCART	376323.00	4180147.00	237.72	250.48
DISCCART	376323.00	4181147.00	246.73	246.73
DISCCART	376323.00	4182147.00	247.84	247.84
DISCCART	376323.00	4183147.00	248.26	248.26
DISCCART	376323.00	4184147.00	250.35	250.35
DISCCART	376323.00	4185147.00	249.99	249.99
DISCCART	376323.00	4186147.00	253.32	253.32
DISCCART	377323.00	4147147.00	284.16	284.16
DISCCART	377323.00	4148147.00	294.11	294.11
DISCCART	377323.00	4149147.00	293.41	293.41
DISCCART	377323.00	4150147.00	302.14	302.14
DISCCART	377323.00	4151147.00	299.05	299.05
DISCCART	377323.00	4152147.00	301.70	301.70
DISCCART	377323.00	4153147.00	300.72	300.72
DISCCART	377323.00	4154147.00	302.22	302.22
DISCCART	377323.00	4155147.00	295.67	295.67
DISCCART	377323.00	4156147.00	292.75	292.75
DISCCART	377323.00	4157147.00	289.87	289.87
DISCCART	377323.00	4158147.00	277.07	289.57
DISCCART	377323.00	4159147.00	283.17	283.17
DISCCART	377323.00	4160147.00	275.10	275.10
DISCCART	377323.00	4161147.00	269.71	269.71
DISCCART	377323.00	4162147.00	273.18	273.18
DISCCART	377323.00	4163147.00	274.48	274.48
DISCCART	377323.00	4164147.00	265.45	273.04
DISCCART	377323.00	4165147.00	255.71	271.53
DISCCART	377323.00	4166147.00	267.07	267.07
DISCCART	377323.00	4167147.00	262.11	262.11
DISCCART	377323.00	4168147.00	260.08	260.44
DISCCART	377323.00	4169147.00	253.03	253.03
DISCCART	377323.00	4170147.00	261.77	266.20
DISCCART	377323.00	4171147.00	260.03	260.03
DISCCART	377323.00	4172147.00	253.71	253.71
DISCCART	377323.00	4173147.00	244.38	254.53
DISCCART	377323.00	4174147.00	250.97	250.97

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	377323.00	4175147.00	240.89	240.89
DISCCART	377323.00	4176147.00	258.73	258.73
DISCCART	377323.00	4177147.00	261.02	261.02
DISCCART	377323.00	4178147.00	253.60	253.60
DISCCART	377323.00	4179147.00	239.52	244.14
DISCCART	377323.00	4180147.00	236.29	236.29
DISCCART	377323.00	4181147.00	244.50	244.50
DISCCART	377323.00	4182147.00	234.11	234.11
DISCCART	377323.00	4183147.00	234.60	234.60
DISCCART	377323.00	4184147.00	234.82	234.82
DISCCART	377323.00	4185147.00	231.44	231.44
DISCCART	377323.00	4186147.00	230.88	230.88
DISCCART	378323.00	4147147.00	289.48	289.48
DISCCART	378323.00	4148147.00	296.75	296.75
DISCCART	378323.00	4149147.00	300.24	300.24
DISCCART	378323.00	4150147.00	306.53	306.53
DISCCART	378323.00	4151147.00	301.67	301.67
DISCCART	378323.00	4152147.00	302.00	302.00
DISCCART	378323.00	4153147.00	302.24	302.24
DISCCART	378323.00	4154147.00	301.87	301.87
DISCCART	378323.00	4155147.00	302.00	302.00
DISCCART	378323.00	4156147.00	298.83	298.83
DISCCART	378323.00	4157147.00	302.81	302.81
DISCCART	378323.00	4158147.00	292.85	292.85
DISCCART	378323.00	4159147.00	281.03	281.03
DISCCART	378323.00	4160147.00	273.70	273.70
DISCCART	378323.00	4161147.00	263.04	263.04
DISCCART	378323.00	4162147.00	272.00	272.00
DISCCART	378323.00	4163147.00	277.91	277.91
DISCCART	378323.00	4164147.00	275.62	275.62
DISCCART	378323.00	4165147.00	271.22	271.22
DISCCART	378323.00	4166147.00	259.17	269.99
DISCCART	378323.00	4167147.00	268.71	268.71
DISCCART	378323.00	4168147.00	266.23	266.23
DISCCART	378323.00	4169147.00	267.22	267.22
DISCCART	378323.00	4170147.00	267.90	267.90
DISCCART	378323.00	4171147.00	269.15	269.15
DISCCART	378323.00	4172147.00	266.43	266.43
DISCCART	378323.00	4173147.00	248.91	264.37
DISCCART	378323.00	4174147.00	243.75	243.75
DISCCART	378323.00	4175147.00	253.41	253.41
DISCCART	378323.00	4176147.00	265.24	265.24
DISCCART	378323.00	4177147.00	265.83	265.83
DISCCART	378323.00	4178147.00	266.86	266.86
DISCCART	378323.00	4179147.00	256.19	256.19
DISCCART	378323.00	4180147.00	255.94	255.94
DISCCART	378323.00	4181147.00	259.10	259.10
DISCCART	378323.00	4182147.00	252.70	252.70
DISCCART	378323.00	4183147.00	233.09	237.12
DISCCART	378323.00	4184147.00	235.51	245.81
DISCCART	378323.00	4185147.00	231.79	231.79
DISCCART	378323.00	4186147.00	256.04	256.04
DISCCART	379323.00	4147147.00	294.52	294.52
DISCCART	379323.00	4148147.00	302.27	302.27
DISCCART	379323.00	4149147.00	305.03	305.03
DISCCART	379323.00	4150147.00	304.85	304.85
DISCCART	379323.00	4151147.00	302.05	302.05
DISCCART	379323.00	4152147.00	300.41	300.41
DISCCART	379323.00	4153147.00	304.26	304.26
DISCCART	379323.00	4154147.00	305.78	305.78
DISCCART	379323.00	4155147.00	308.26	308.26
DISCCART	379323.00	4156147.00	302.60	302.60
DISCCART	379323.00	4157147.00	299.78	299.78
DISCCART	379323.00	4158147.00	289.86	289.86
DISCCART	379323.00	4159147.00	277.20	277.20
DISCCART	379323.00	4160147.00	275.98	275.98
DISCCART	379323.00	4161147.00	277.87	277.87
DISCCART	379323.00	4162147.00	254.28	254.28
DISCCART	379323.00	4163147.00	266.90	268.14
DISCCART	379323.00	4164147.00	270.77	270.77

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	379323.00	4165147.00	267.28	267.28
DISCCART	379323.00	4166147.00	250.43	272.36
DISCCART	379323.00	4167147.00	259.52	259.52
DISCCART	379323.00	4168147.00	275.82	275.82
DISCCART	379323.00	4169147.00	275.28	275.28
DISCCART	379323.00	4170147.00	276.10	276.10
DISCCART	379323.00	4171147.00	272.38	272.38
DISCCART	379323.00	4172147.00	273.50	273.50
DISCCART	379323.00	4173147.00	265.22	265.22
DISCCART	379323.00	4174147.00	244.07	244.07
DISCCART	379323.00	4175147.00	268.31	268.31
DISCCART	379323.00	4176147.00	267.52	267.52
DISCCART	379323.00	4177147.00	268.05	268.05
DISCCART	379323.00	4178147.00	266.34	266.34
DISCCART	379323.00	4179147.00	262.23	262.23
DISCCART	379323.00	4180147.00	256.49	256.49
DISCCART	379323.00	4181147.00	252.36	252.36
DISCCART	379323.00	4182147.00	236.52	236.52
DISCCART	379323.00	4183147.00	245.18	249.81
DISCCART	379323.00	4184147.00	254.38	254.38
DISCCART	379323.00	4185147.00	246.94	246.94
DISCCART	379323.00	4186147.00	256.93	256.93
DISCCART	380323.00	4147147.00	298.24	298.24
DISCCART	380323.00	4148147.00	301.51	301.51
DISCCART	380323.00	4149147.00	295.78	295.78
DISCCART	380323.00	4150147.00	302.60	302.60
DISCCART	380323.00	4151147.00	296.99	296.99
DISCCART	380323.00	4152147.00	300.64	300.64
DISCCART	380323.00	4153147.00	299.67	299.67
DISCCART	380323.00	4154147.00	302.36	302.36
DISCCART	380323.00	4155147.00	305.00	305.00
DISCCART	380323.00	4156147.00	292.62	292.62
DISCCART	380323.00	4157147.00	297.88	297.88
DISCCART	380323.00	4158147.00	282.85	282.85
DISCCART	380323.00	4159147.00	286.83	286.83
DISCCART	380323.00	4160147.00	274.79	274.79
DISCCART	380323.00	4161147.00	267.52	267.52
DISCCART	380323.00	4162147.00	256.14	256.14
DISCCART	380323.00	4163147.00	273.21	273.21
DISCCART	380323.00	4164147.00	277.06	277.06
DISCCART	380323.00	4165147.00	254.47	254.47
DISCCART	380323.00	4166147.00	269.26	269.26
DISCCART	380323.00	4167147.00	263.47	263.47
DISCCART	380323.00	4168147.00	265.95	265.95
DISCCART	380323.00	4169147.00	264.02	264.02
DISCCART	380323.00	4170147.00	265.96	265.96
DISCCART	380323.00	4171147.00	250.33	268.62
DISCCART	380323.00	4172147.00	262.49	265.69
DISCCART	380323.00	4173147.00	243.94	267.21
DISCCART	380323.00	4174147.00	255.69	261.77
DISCCART	380323.00	4175147.00	265.11	265.11
DISCCART	380323.00	4176147.00	268.96	268.96
DISCCART	380323.00	4177147.00	265.88	265.88
DISCCART	380323.00	4178147.00	257.00	257.00
DISCCART	380323.00	4179147.00	252.62	252.62
DISCCART	380323.00	4180147.00	239.85	239.85
DISCCART	380323.00	4181147.00	235.43	235.43
DISCCART	380323.00	4182147.00	252.88	252.88
DISCCART	380323.00	4183147.00	244.11	254.22
DISCCART	380323.00	4184147.00	257.31	257.31
DISCCART	380323.00	4185147.00	250.41	250.41
DISCCART	380323.00	4186147.00	261.03	261.03
DISCCART	381323.00	4147147.00	293.71	293.71
DISCCART	381323.00	4148147.00	290.48	290.48
DISCCART	381323.00	4149147.00	291.51	291.51
DISCCART	381323.00	4150147.00	289.96	289.96
DISCCART	381323.00	4151147.00	298.98	298.98
DISCCART	381323.00	4152147.00	296.09	296.09
DISCCART	381323.00	4153147.00	297.55	297.55
DISCCART	381323.00	4154147.00	302.19	302.19

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	381323.00	4155147.00	302.67	302.67
DISCCART	381323.00	4156147.00	302.09	302.09
DISCCART	381323.00	4157147.00	298.24	298.24
DISCCART	381323.00	4158147.00	279.55	279.55
DISCCART	381323.00	4159147.00	265.23	265.23
DISCCART	381323.00	4160147.00	265.68	265.68
DISCCART	381323.00	4161147.00	272.08	272.08
DISCCART	381323.00	4162147.00	272.77	272.77
DISCCART	381323.00	4163147.00	279.39	279.39
DISCCART	381323.00	4164147.00	266.28	266.28
DISCCART	381323.00	4165147.00	268.83	268.83
DISCCART	381323.00	4166147.00	271.53	271.53
DISCCART	381323.00	4167147.00	274.83	274.83
DISCCART	381323.00	4168147.00	268.12	268.12
DISCCART	381323.00	4169147.00	255.55	255.55
DISCCART	381323.00	4170147.00	254.63	254.63
DISCCART	381323.00	4171147.00	257.12	261.88
DISCCART	381323.00	4172147.00	275.14	275.14
DISCCART	381323.00	4173147.00	258.96	271.38
DISCCART	381323.00	4174147.00	279.24	279.24
DISCCART	381323.00	4175147.00	271.02	271.02
DISCCART	381323.00	4176147.00	270.72	270.72
DISCCART	381323.00	4177147.00	256.56	256.56
DISCCART	381323.00	4178147.00	263.07	263.07
DISCCART	381323.00	4179147.00	251.80	251.80
DISCCART	381323.00	4180147.00	244.64	244.64
DISCCART	381323.00	4181147.00	256.43	256.43
DISCCART	381323.00	4182147.00	255.77	255.77
DISCCART	381323.00	4183147.00	244.11	251.09
DISCCART	381323.00	4184147.00	258.13	258.13
DISCCART	381323.00	4185147.00	254.67	254.67
DISCCART	381323.00	4186147.00	259.81	259.81
DISCCART	382323.00	4147147.00	282.55	282.55
DISCCART	382323.00	4148147.00	287.51	287.51
DISCCART	382323.00	4149147.00	291.62	291.62
DISCCART	382323.00	4150147.00	292.46	292.46
DISCCART	382323.00	4151147.00	293.83	293.83
DISCCART	382323.00	4152147.00	296.64	296.64
DISCCART	382323.00	4153147.00	299.41	299.41
DISCCART	382323.00	4154147.00	300.50	300.50
DISCCART	382323.00	4155147.00	301.60	301.60
DISCCART	382323.00	4156147.00	301.61	301.61
DISCCART	382323.00	4157147.00	292.83	292.83
DISCCART	382323.00	4158147.00	281.72	281.72
DISCCART	382323.00	4159147.00	279.59	279.59
DISCCART	382323.00	4160147.00	276.25	276.25
DISCCART	382323.00	4161147.00	278.84	278.84
DISCCART	382323.00	4162147.00	277.97	277.97
DISCCART	382323.00	4163147.00	278.84	278.84
DISCCART	382323.00	4164147.00	283.48	283.48
DISCCART	382323.00	4165147.00	279.47	279.47
DISCCART	382323.00	4166147.00	279.14	279.14
DISCCART	382323.00	4167147.00	273.42	273.42
DISCCART	382323.00	4168147.00	274.06	274.06
DISCCART	382323.00	4169147.00	258.08	270.96
DISCCART	382323.00	4170147.00	268.43	268.43
DISCCART	382323.00	4171147.00	280.20	280.20
DISCCART	382323.00	4172147.00	280.20	280.20
DISCCART	382323.00	4173147.00	278.20	278.20
DISCCART	382323.00	4174147.00	275.40	275.40
DISCCART	382323.00	4175147.00	275.32	275.32
DISCCART	382323.00	4176147.00	271.82	271.82
DISCCART	382323.00	4177147.00	259.33	259.33
DISCCART	382323.00	4178147.00	256.83	256.83
DISCCART	382323.00	4179147.00	271.40	271.40
DISCCART	382323.00	4180147.00	258.91	263.00
DISCCART	382323.00	4181147.00	265.13	265.13
DISCCART	382323.00	4182147.00	255.62	255.62
DISCCART	382323.00	4183147.00	259.78	259.78
DISCCART	382323.00	4184147.00	257.96	257.96

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	382323.00	4185147.00	263.51	263.51
DISCCART	382323.00	4186147.00	261.14	261.14
DISCCART	383323.00	4147147.00	292.04	292.04
DISCCART	383323.00	4148147.00	298.39	298.39
DISCCART	383323.00	4149147.00	302.29	302.29
DISCCART	383323.00	4150147.00	299.46	299.46
DISCCART	383323.00	4151147.00	301.02	301.02
DISCCART	383323.00	4152147.00	299.20	299.20
DISCCART	383323.00	4153147.00	295.00	295.00
DISCCART	383323.00	4154147.00	295.73	295.73
DISCCART	383323.00	4155147.00	295.79	295.79
DISCCART	383323.00	4156147.00	295.99	295.99
DISCCART	383323.00	4157147.00	286.84	286.84
DISCCART	383323.00	4158147.00	280.64	280.64
DISCCART	383323.00	4159147.00	272.94	272.94
DISCCART	383323.00	4160147.00	273.31	274.08
DISCCART	383323.00	4161147.00	283.52	283.52
DISCCART	383323.00	4162147.00	279.96	279.96
DISCCART	383323.00	4163147.00	280.69	280.69
DISCCART	383323.00	4164147.00	284.70	284.70
DISCCART	383323.00	4165147.00	279.97	279.97
DISCCART	383323.00	4166147.00	278.35	278.35
DISCCART	383323.00	4167147.00	269.00	269.00
DISCCART	383323.00	4168147.00	274.45	274.45
DISCCART	383323.00	4169147.00	274.93	274.93
DISCCART	383323.00	4170147.00	270.53	270.53
DISCCART	383323.00	4171147.00	272.25	272.25
DISCCART	383323.00	4172147.00	278.10	278.10
DISCCART	383323.00	4173147.00	271.42	271.42
DISCCART	383323.00	4174147.00	282.30	282.30
DISCCART	383323.00	4175147.00	282.25	282.25
DISCCART	383323.00	4176147.00	263.67	263.67
DISCCART	383323.00	4177147.00	273.78	273.78
DISCCART	383323.00	4178147.00	267.90	267.90
DISCCART	383323.00	4179147.00	265.71	265.71
DISCCART	383323.00	4180147.00	257.47	257.47
DISCCART	383323.00	4181147.00	260.09	260.09
DISCCART	383323.00	4182147.00	258.65	258.65
DISCCART	383323.00	4183147.00	265.91	265.91
DISCCART	383323.00	4184147.00	264.84	264.84
DISCCART	383323.00	4185147.00	272.54	272.54
DISCCART	383323.00	4186147.00	271.38	271.38
DISCCART	384323.00	4147147.00	299.19	299.19
DISCCART	384323.00	4148147.00	302.26	302.26
DISCCART	384323.00	4149147.00	298.99	298.99
DISCCART	384323.00	4150147.00	304.94	304.94
DISCCART	384323.00	4151147.00	303.52	303.52
DISCCART	384323.00	4152147.00	297.08	297.08
DISCCART	384323.00	4153147.00	293.22	293.22
DISCCART	384323.00	4154147.00	293.91	293.91
DISCCART	384323.00	4155147.00	299.18	299.18
DISCCART	384323.00	4156147.00	291.80	291.80
DISCCART	384323.00	4157147.00	281.32	281.32
DISCCART	384323.00	4158147.00	283.82	283.82
DISCCART	384323.00	4159147.00	274.50	274.50
DISCCART	384323.00	4160147.00	284.13	284.13
DISCCART	384323.00	4161147.00	278.75	278.75
DISCCART	384323.00	4162147.00	284.20	284.20
DISCCART	384323.00	4163147.00	285.77	285.77
DISCCART	384323.00	4164147.00	283.12	283.12
DISCCART	384323.00	4165147.00	284.03	284.03
DISCCART	384323.00	4166147.00	275.51	275.51
DISCCART	384323.00	4167147.00	273.86	273.86
DISCCART	384323.00	4168147.00	274.32	274.32
DISCCART	384323.00	4169147.00	274.63	274.63
DISCCART	384323.00	4170147.00	271.61	271.61
DISCCART	384323.00	4171147.00	276.95	276.95
DISCCART	384323.00	4172147.00	284.02	284.02
DISCCART	384323.00	4173147.00	273.82	273.82
DISCCART	384323.00	4174147.00	283.02	283.02



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	384323.00	4175147.00	277.15	277.15
DISCCART	384323.00	4176147.00	277.45	277.45
DISCCART	384323.00	4177147.00	275.06	275.06
DISCCART	384323.00	4178147.00	262.94	262.94
DISCCART	384323.00	4179147.00	265.30	265.30
DISCCART	384323.00	4180147.00	265.11	265.11
DISCCART	384323.00	4181147.00	262.02	262.02
DISCCART	384323.00	4182147.00	268.41	268.41
DISCCART	384323.00	4183147.00	262.14	262.14
DISCCART	384323.00	4184147.00	262.96	262.96
DISCCART	384323.00	4185147.00	273.56	280.51
DISCCART	384323.00	4186147.00	270.23	270.23
DISCCART	385323.00	4147147.00	290.35	290.35
DISCCART	385323.00	4148147.00	297.61	297.61
DISCCART	385323.00	4149147.00	288.45	288.45
DISCCART	385323.00	4150147.00	295.39	295.39
DISCCART	385323.00	4151147.00	296.41	296.41
DISCCART	385323.00	4152147.00	293.68	293.68
DISCCART	385323.00	4153147.00	292.17	292.17
DISCCART	385323.00	4154147.00	293.70	293.70
DISCCART	385323.00	4155147.00	296.41	296.41
DISCCART	385323.00	4156147.00	295.79	295.79
DISCCART	385323.00	4157147.00	289.18	289.18
DISCCART	385323.00	4158147.00	293.75	293.75
DISCCART	385323.00	4159147.00	288.00	288.00
DISCCART	385323.00	4160147.00	288.16	288.16
DISCCART	385323.00	4161147.00	289.94	289.94
DISCCART	385323.00	4162147.00	285.73	285.73
DISCCART	385323.00	4163147.00	288.53	288.53
DISCCART	385323.00	4164147.00	287.52	287.52
DISCCART	385323.00	4165147.00	286.30	286.30
DISCCART	385323.00	4166147.00	278.22	278.22
DISCCART	385323.00	4167147.00	286.99	286.99
DISCCART	385323.00	4168147.00	279.53	279.53
DISCCART	385323.00	4169147.00	276.87	276.87
DISCCART	385323.00	4170147.00	273.47	273.47
DISCCART	385323.00	4171147.00	274.75	274.75
DISCCART	385323.00	4172147.00	278.90	278.90
DISCCART	385323.00	4173147.00	278.07	278.07
DISCCART	385323.00	4174147.00	278.88	278.88
DISCCART	385323.00	4175147.00	278.74	278.74
DISCCART	385323.00	4176147.00	276.58	276.58
DISCCART	385323.00	4177147.00	273.37	273.37
DISCCART	385323.00	4178147.00	267.32	267.32
DISCCART	385323.00	4179147.00	264.74	264.74
DISCCART	385323.00	4180147.00	268.09	268.09
DISCCART	385323.00	4181147.00	265.74	265.74
DISCCART	385323.00	4182147.00	268.54	268.54
DISCCART	385323.00	4183147.00	267.25	267.25
DISCCART	385323.00	4184147.00	269.80	269.80
DISCCART	385323.00	4185147.00	267.09	267.09
DISCCART	385323.00	4186147.00	263.39	263.39
DISCCART	386323.00	4147147.00	285.76	285.76
DISCCART	386323.00	4148147.00	286.99	286.99
DISCCART	386323.00	4149147.00	281.73	281.73
DISCCART	386323.00	4150147.00	285.57	285.57
DISCCART	386323.00	4151147.00	284.54	284.54
DISCCART	386323.00	4152147.00	281.64	281.64
DISCCART	386323.00	4153147.00	284.19	284.19
DISCCART	386323.00	4154147.00	292.98	292.98
DISCCART	386323.00	4155147.00	293.22	293.22
DISCCART	386323.00	4156147.00	289.72	289.72
DISCCART	386323.00	4157147.00	289.79	289.79
DISCCART	386323.00	4158147.00	293.00	293.00
DISCCART	386323.00	4159147.00	293.36	293.36
DISCCART	386323.00	4160147.00	293.15	293.15
DISCCART	386323.00	4161147.00	295.61	295.61
DISCCART	386323.00	4162147.00	292.35	292.35
DISCCART	386323.00	4163147.00	286.98	286.98
DISCCART	386323.00	4164147.00	281.15	281.15

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	386323.00	4165147.00	278.42	278.42
DISCCART	386323.00	4166147.00	275.59	275.59
DISCCART	386323.00	4167147.00	280.37	280.37
DISCCART	386323.00	4168147.00	280.57	280.57
DISCCART	386323.00	4169147.00	277.62	277.62
DISCCART	386323.00	4170147.00	280.71	280.71
DISCCART	386323.00	4171147.00	281.76	281.76
DISCCART	386323.00	4172147.00	274.39	274.39
DISCCART	386323.00	4173147.00	271.68	271.68
DISCCART	386323.00	4174147.00	277.11	277.11
DISCCART	386323.00	4175147.00	280.79	280.79
DISCCART	386323.00	4176147.00	268.41	268.41
DISCCART	386323.00	4177147.00	273.82	273.82
DISCCART	386323.00	4178147.00	268.02	268.02
DISCCART	386323.00	4179147.00	272.21	272.21
DISCCART	386323.00	4180147.00	271.43	271.43
DISCCART	386323.00	4181147.00	268.32	268.32
DISCCART	386323.00	4182147.00	260.98	260.98
DISCCART	386323.00	4183147.00	262.15	262.15
DISCCART	386323.00	4184147.00	262.21	262.21
DISCCART	386323.00	4185147.00	268.91	268.91
DISCCART	386323.00	4186147.00	253.09	253.09
DISCCART	387323.00	4147147.00	285.51	285.51
DISCCART	387323.00	4148147.00	283.63	283.63
DISCCART	387323.00	4149147.00	290.27	290.27
DISCCART	387323.00	4150147.00	289.54	289.54
DISCCART	387323.00	4151147.00	295.44	295.44
DISCCART	387323.00	4152147.00	289.20	289.20
DISCCART	387323.00	4153147.00	285.49	285.49
DISCCART	387323.00	4154147.00	283.31	283.31
DISCCART	387323.00	4155147.00	289.73	289.73
DISCCART	387323.00	4156147.00	293.15	293.15
DISCCART	387323.00	4157147.00	292.21	292.21
DISCCART	387323.00	4158147.00	291.20	291.20
DISCCART	387323.00	4159147.00	297.41	297.41
DISCCART	387323.00	4160147.00	296.80	296.80
DISCCART	387323.00	4161147.00	298.82	298.82
DISCCART	387323.00	4162147.00	292.35	292.35
DISCCART	387323.00	4163147.00	295.86	295.86
DISCCART	387323.00	4164147.00	292.21	292.21
DISCCART	387323.00	4165147.00	287.49	287.49
DISCCART	387323.00	4166147.00	282.75	282.75
DISCCART	387323.00	4167147.00	282.23	282.23
DISCCART	387323.00	4168147.00	281.30	281.30
DISCCART	387323.00	4169147.00	273.07	273.07
DISCCART	387323.00	4170147.00	274.58	274.58
DISCCART	387323.00	4171147.00	277.48	277.48
DISCCART	387323.00	4172147.00	281.45	281.45
DISCCART	387323.00	4173147.00	280.33	280.33
DISCCART	387323.00	4174147.00	269.23	269.23
DISCCART	387323.00	4175147.00	277.33	277.33
DISCCART	387323.00	4176147.00	270.26	270.26
DISCCART	387323.00	4177147.00	272.34	272.34
DISCCART	387323.00	4178147.00	274.34	274.34
DISCCART	387323.00	4179147.00	276.05	276.05
DISCCART	387323.00	4180147.00	272.78	272.78
DISCCART	387323.00	4181147.00	271.61	271.61
DISCCART	387323.00	4182147.00	263.58	263.58
DISCCART	387323.00	4183147.00	262.50	262.50
DISCCART	387323.00	4184147.00	253.09	253.09
DISCCART	387323.00	4185147.00	261.16	261.16
DISCCART	387323.00	4186147.00	253.71	262.66
DISCCART	388323.00	4147147.00	299.43	299.43
DISCCART	388323.00	4148147.00	298.07	298.07
DISCCART	388323.00	4149147.00	293.12	293.12
DISCCART	388323.00	4150147.00	294.23	294.23
DISCCART	388323.00	4151147.00	297.04	297.04
DISCCART	388323.00	4152147.00	293.81	293.81
DISCCART	388323.00	4153147.00	289.94	289.94
DISCCART	388323.00	4154147.00	285.51	285.51

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	388323.00	4155147.00	290.50	290.50
DISCCART	388323.00	4156147.00	297.38	297.38
DISCCART	388323.00	4157147.00	299.51	299.51
DISCCART	388323.00	4158147.00	297.48	297.48
DISCCART	388323.00	4159147.00	296.82	296.82
DISCCART	388323.00	4160147.00	302.16	302.16
DISCCART	388323.00	4161147.00	301.74	301.74
DISCCART	388323.00	4162147.00	301.24	301.24
DISCCART	388323.00	4163147.00	293.58	293.58
DISCCART	388323.00	4164147.00	295.73	295.73
DISCCART	388323.00	4165147.00	286.38	286.38
DISCCART	388323.00	4166147.00	289.67	289.67
DISCCART	388323.00	4167147.00	282.05	282.05
DISCCART	388323.00	4168147.00	273.16	273.16
DISCCART	388323.00	4169147.00	272.84	272.84
DISCCART	388323.00	4170147.00	265.78	265.78
DISCCART	388323.00	4171147.00	277.03	277.03
DISCCART	388323.00	4172147.00	278.94	278.94
DISCCART	388323.00	4173147.00	278.24	278.24
DISCCART	388323.00	4174147.00	262.67	262.67
DISCCART	388323.00	4175147.00	276.75	276.75
DISCCART	388323.00	4176147.00	272.45	272.45
DISCCART	388323.00	4177147.00	270.61	270.61
DISCCART	388323.00	4178147.00	269.83	269.83
DISCCART	388323.00	4179147.00	271.83	271.83
DISCCART	388323.00	4180147.00	270.63	270.63
DISCCART	388323.00	4181147.00	262.78	262.78
DISCCART	388323.00	4182147.00	259.24	259.24
DISCCART	388323.00	4183147.00	260.13	260.13
DISCCART	388323.00	4184147.00	252.51	252.51
DISCCART	388323.00	4185147.00	263.48	263.48
DISCCART	388323.00	4186147.00	247.01	247.01
DISCCART	389323.00	4147147.00	296.46	296.46
DISCCART	389323.00	4148147.00	302.35	302.35
DISCCART	389323.00	4149147.00	290.28	290.28
DISCCART	389323.00	4150147.00	298.81	298.81
DISCCART	389323.00	4151147.00	300.39	300.39
DISCCART	389323.00	4152147.00	297.20	297.20
DISCCART	389323.00	4153147.00	302.01	302.01
DISCCART	389323.00	4154147.00	286.83	286.83
DISCCART	389323.00	4155147.00	286.84	286.84
DISCCART	389323.00	4156147.00	293.08	293.08
DISCCART	389323.00	4157147.00	299.94	299.94
DISCCART	389323.00	4158147.00	301.37	301.37
DISCCART	389323.00	4159147.00	298.51	298.51
DISCCART	389323.00	4160147.00	299.11	299.11
DISCCART	389323.00	4161147.00	301.94	301.94
DISCCART	389323.00	4162147.00	294.44	294.44
DISCCART	389323.00	4163147.00	290.59	290.59
DISCCART	389323.00	4164147.00	285.79	285.79
DISCCART	389323.00	4165147.00	290.47	290.47
DISCCART	389323.00	4166147.00	286.33	286.33
DISCCART	389323.00	4167147.00	284.21	284.21
DISCCART	389323.00	4168147.00	278.74	278.74
DISCCART	389323.00	4169147.00	282.99	282.99
DISCCART	389323.00	4170147.00	282.85	282.85
DISCCART	389323.00	4171147.00	274.25	274.25
DISCCART	389323.00	4172147.00	259.17	259.17
DISCCART	389323.00	4173147.00	280.65	280.65
DISCCART	389323.00	4174147.00	275.56	275.56
DISCCART	389323.00	4175147.00	264.82	264.82
DISCCART	389323.00	4176147.00	267.67	267.67
DISCCART	389323.00	4177147.00	263.67	263.67
DISCCART	389323.00	4178147.00	267.10	267.10
DISCCART	389323.00	4179147.00	271.87	271.87
DISCCART	389323.00	4180147.00	270.43	270.43
DISCCART	389323.00	4181147.00	270.99	270.99
DISCCART	389323.00	4182147.00	271.60	271.60
DISCCART	389323.00	4183147.00	268.10	268.10
DISCCART	389323.00	4184147.00	267.97	267.97

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	389323.00	4185147.00	264.83	264.83
DISCCART	389323.00	4186147.00	266.78	266.78
DISCCART	390323.00	4147147.00	299.37	299.37
DISCCART	390323.00	4148147.00	304.74	304.74
DISCCART	390323.00	4149147.00	292.08	292.08
DISCCART	390323.00	4150147.00	296.23	298.80
DISCCART	390323.00	4151147.00	304.99	304.99
DISCCART	390323.00	4152147.00	300.11	300.11
DISCCART	390323.00	4153147.00	297.68	297.68
DISCCART	390323.00	4154147.00	292.00	292.00
DISCCART	390323.00	4155147.00	291.20	291.20
DISCCART	390323.00	4156147.00	292.05	292.05
DISCCART	390323.00	4157147.00	295.57	295.57
DISCCART	390323.00	4158147.00	296.43	296.43
DISCCART	390323.00	4159147.00	299.94	299.94
DISCCART	390323.00	4160147.00	297.36	297.36
DISCCART	390323.00	4161147.00	300.33	300.33
DISCCART	390323.00	4162147.00	296.58	296.58
DISCCART	390323.00	4163147.00	289.26	289.26
DISCCART	390323.00	4164147.00	288.09	288.09
DISCCART	390323.00	4165147.00	287.11	287.11
DISCCART	390323.00	4166147.00	287.06	287.06
DISCCART	390323.00	4167147.00	285.75	285.75
DISCCART	390323.00	4168147.00	281.30	281.30
DISCCART	390323.00	4169147.00	269.21	274.71
DISCCART	390323.00	4170147.00	285.78	285.78
DISCCART	390323.00	4171147.00	283.50	283.50
DISCCART	390323.00	4172147.00	275.68	275.68
DISCCART	390323.00	4173147.00	257.18	257.18
DISCCART	390323.00	4174147.00	270.57	270.57
DISCCART	390323.00	4175147.00	255.47	255.47
DISCCART	390323.00	4176147.00	275.31	275.31
DISCCART	390323.00	4177147.00	265.06	265.06
DISCCART	390323.00	4178147.00	270.33	270.33
DISCCART	390323.00	4179147.00	262.45	262.45
DISCCART	390323.00	4180147.00	265.42	265.42
DISCCART	390323.00	4181147.00	276.03	276.03
DISCCART	390323.00	4182147.00	278.06	278.06
DISCCART	390323.00	4183147.00	271.35	271.35
DISCCART	390323.00	4184147.00	265.60	265.60
DISCCART	390323.00	4185147.00	257.84	257.84
DISCCART	390323.00	4186147.00	254.32	254.32
DISCCART	391323.00	4147147.00	305.07	305.07
DISCCART	391323.00	4148147.00	305.91	305.91
DISCCART	391323.00	4149147.00	301.88	301.88
DISCCART	391323.00	4150147.00	306.49	306.49
DISCCART	391323.00	4151147.00	310.28	310.28
DISCCART	391323.00	4152147.00	306.33	306.33
DISCCART	391323.00	4153147.00	287.53	288.26
DISCCART	391323.00	4154147.00	300.56	300.56
DISCCART	391323.00	4155147.00	295.60	295.60
DISCCART	391323.00	4156147.00	290.96	290.96
DISCCART	391323.00	4157147.00	296.51	296.51
DISCCART	391323.00	4158147.00	294.55	294.55
DISCCART	391323.00	4159147.00	301.65	301.65
DISCCART	391323.00	4160147.00	300.94	300.94
DISCCART	391323.00	4161147.00	301.53	301.53
DISCCART	391323.00	4162147.00	297.19	297.19
DISCCART	391323.00	4163147.00	292.89	292.89
DISCCART	391323.00	4164147.00	286.53	286.53
DISCCART	391323.00	4165147.00	284.50	284.50
DISCCART	391323.00	4166147.00	280.15	280.15
DISCCART	391323.00	4167147.00	278.07	278.07
DISCCART	391323.00	4168147.00	288.38	288.38
DISCCART	391323.00	4169147.00	280.80	280.80
DISCCART	391323.00	4170147.00	255.27	278.11
DISCCART	391323.00	4171147.00	258.50	277.98
DISCCART	391323.00	4172147.00	271.87	271.87
DISCCART	391323.00	4173147.00	270.02	270.02
DISCCART	391323.00	4174147.00	258.96	261.13

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	391323.00	4175147.00	268.36	268.36
DISCCART	391323.00	4176147.00	263.13	263.13
DISCCART	391323.00	4177147.00	254.16	254.16
DISCCART	391323.00	4178147.00	251.02	251.02
DISCCART	391323.00	4179147.00	271.83	271.83
DISCCART	391323.00	4180147.00	274.05	274.05
DISCCART	391323.00	4181147.00	274.59	274.59
DISCCART	391323.00	4182147.00	262.27	262.27
DISCCART	391323.00	4183147.00	267.89	267.89
DISCCART	391323.00	4184147.00	260.31	260.31
DISCCART	391323.00	4185147.00	262.30	262.30
DISCCART	391323.00	4186147.00	265.53	265.53
DISCCART	392323.00	4147147.00	309.78	309.78
DISCCART	392323.00	4148147.00	303.46	303.46
DISCCART	392323.00	4149147.00	308.95	308.95
DISCCART	392323.00	4150147.00	314.42	314.42
DISCCART	392323.00	4151147.00	308.37	308.37
DISCCART	392323.00	4152147.00	291.20	291.20
DISCCART	392323.00	4153147.00	291.16	292.84
DISCCART	392323.00	4154147.00	297.81	297.81
DISCCART	392323.00	4155147.00	295.33	295.33
DISCCART	392323.00	4156147.00	291.18	291.18
DISCCART	392323.00	4157147.00	293.13	293.13
DISCCART	392323.00	4158147.00	298.50	298.50
DISCCART	392323.00	4159147.00	299.07	299.07
DISCCART	392323.00	4160147.00	300.93	300.93
DISCCART	392323.00	4161147.00	302.51	302.51
DISCCART	392323.00	4162147.00	295.74	295.74
DISCCART	392323.00	4163147.00	288.63	288.63
DISCCART	392323.00	4164147.00	280.02	280.02
DISCCART	392323.00	4165147.00	287.19	287.19
DISCCART	392323.00	4166147.00	276.94	276.94
DISCCART	392323.00	4167147.00	274.65	274.65
DISCCART	392323.00	4168147.00	279.42	279.42
DISCCART	392323.00	4169147.00	270.52	285.92
DISCCART	392323.00	4170147.00	264.97	274.89
DISCCART	392323.00	4171147.00	276.98	276.98
DISCCART	392323.00	4172147.00	261.81	271.70
DISCCART	392323.00	4173147.00	273.95	273.95
DISCCART	392323.00	4174147.00	255.76	267.11
DISCCART	392323.00	4175147.00	268.29	268.29
DISCCART	392323.00	4176147.00	266.47	268.74
DISCCART	392323.00	4177147.00	251.55	251.55
DISCCART	392323.00	4178147.00	253.67	253.67
DISCCART	392323.00	4179147.00	262.04	262.04
DISCCART	392323.00	4180147.00	274.29	274.29
DISCCART	392323.00	4181147.00	275.27	275.27
DISCCART	392323.00	4182147.00	269.37	269.37
DISCCART	392323.00	4183147.00	254.00	254.00
DISCCART	392323.00	4184147.00	256.15	256.15
DISCCART	392323.00	4185147.00	260.23	260.23
DISCCART	392323.00	4186147.00	250.89	252.69
DISCCART	393323.00	4147147.00	299.35	299.35
DISCCART	393323.00	4148147.00	313.04	313.04
DISCCART	393323.00	4149147.00	315.60	315.60
DISCCART	393323.00	4150147.00	309.70	309.70
DISCCART	393323.00	4151147.00	298.51	298.51
DISCCART	393323.00	4152147.00	289.15	289.15
DISCCART	393323.00	4153147.00	294.65	294.65
DISCCART	393323.00	4154147.00	298.94	298.94
DISCCART	393323.00	4155147.00	297.51	297.51
DISCCART	393323.00	4156147.00	294.91	294.91
DISCCART	393323.00	4157147.00	300.51	300.51
DISCCART	393323.00	4158147.00	300.73	300.73
DISCCART	393323.00	4159147.00	300.81	300.81
DISCCART	393323.00	4160147.00	305.14	305.14
DISCCART	393323.00	4161147.00	305.23	305.23
DISCCART	393323.00	4162147.00	297.92	297.92
DISCCART	393323.00	4163147.00	295.88	295.88
DISCCART	393323.00	4164147.00	293.95	293.95

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	393323.00	4165147.00	286.73	286.73
DISCCART	393323.00	4166147.00	280.61	280.61
DISCCART	393323.00	4167147.00	288.30	288.30
DISCCART	393323.00	4168147.00	286.30	286.30
DISCCART	393323.00	4169147.00	294.13	294.13
DISCCART	393323.00	4170147.00	282.20	282.20
DISCCART	393323.00	4171147.00	290.42	290.42
DISCCART	393323.00	4172147.00	292.95	292.95
DISCCART	393323.00	4173147.00	287.47	287.47
DISCCART	393323.00	4174147.00	283.53	283.53
DISCCART	393323.00	4175147.00	272.36	272.36
DISCCART	393323.00	4176147.00	260.18	260.18
DISCCART	393323.00	4177147.00	252.88	260.93
DISCCART	393323.00	4178147.00	255.31	255.31
DISCCART	393323.00	4179147.00	268.60	268.60
DISCCART	393323.00	4180147.00	266.77	266.77
DISCCART	393323.00	4181147.00	275.63	275.63
DISCCART	393323.00	4182147.00	266.51	266.51
DISCCART	393323.00	4183147.00	256.09	256.09
DISCCART	393323.00	4184147.00	261.59	261.59
DISCCART	393323.00	4185147.00	246.96	246.96
DISCCART	393323.00	4186147.00	245.03	262.45
DISCCART	394323.00	4147147.00	298.34	298.34
DISCCART	394323.00	4148147.00	303.29	303.29
DISCCART	394323.00	4149147.00	308.02	308.02
DISCCART	394323.00	4150147.00	306.30	306.30
DISCCART	394323.00	4151147.00	298.17	298.17
DISCCART	394323.00	4152147.00	294.84	294.84
DISCCART	394323.00	4153147.00	297.64	297.64
DISCCART	394323.00	4154147.00	304.47	304.47
DISCCART	394323.00	4155147.00	299.36	299.36
DISCCART	394323.00	4156147.00	297.30	297.30
DISCCART	394323.00	4157147.00	299.83	299.83
DISCCART	394323.00	4158147.00	303.12	303.12
DISCCART	394323.00	4159147.00	300.15	300.15
DISCCART	394323.00	4160147.00	302.31	302.31
DISCCART	394323.00	4161147.00	301.74	301.74
DISCCART	394323.00	4162147.00	298.86	298.86
DISCCART	394323.00	4163147.00	297.52	297.52
DISCCART	394323.00	4164147.00	295.43	295.43
DISCCART	394323.00	4165147.00	291.33	291.33
DISCCART	394323.00	4166147.00	287.42	287.42
DISCCART	394323.00	4167147.00	286.49	286.49
DISCCART	394323.00	4168147.00	296.41	296.41
DISCCART	394323.00	4169147.00	299.42	299.42
DISCCART	394323.00	4170147.00	294.50	294.50
DISCCART	394323.00	4171147.00	286.28	286.28
DISCCART	394323.00	4172147.00	269.59	269.59
DISCCART	394323.00	4173147.00	268.88	281.06
DISCCART	394323.00	4174147.00	267.60	267.60
DISCCART	394323.00	4175147.00	274.82	274.82
DISCCART	394323.00	4176147.00	273.09	273.09
DISCCART	394323.00	4177147.00	276.41	276.41
DISCCART	394323.00	4178147.00	256.22	267.69
DISCCART	394323.00	4179147.00	247.04	247.04
DISCCART	394323.00	4180147.00	261.73	261.73
DISCCART	394323.00	4181147.00	268.59	268.59
DISCCART	394323.00	4182147.00	272.95	272.95
DISCCART	394323.00	4183147.00	260.04	260.04
DISCCART	394323.00	4184147.00	264.36	264.36
DISCCART	394323.00	4185147.00	261.75	261.75
DISCCART	394323.00	4186147.00	262.25	262.25
DISCCART	395323.00	4147147.00	302.12	302.12
DISCCART	395323.00	4148147.00	310.32	310.32
DISCCART	395323.00	4149147.00	301.75	301.75
DISCCART	395323.00	4150147.00	296.40	296.40
DISCCART	395323.00	4151147.00	293.17	293.17
DISCCART	395323.00	4152147.00	304.30	304.30
DISCCART	395323.00	4153147.00	300.40	300.40
DISCCART	395323.00	4154147.00	306.63	306.63

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	395323.00	4155147.00	298.68	298.68
DISCCART	395323.00	4156147.00	289.63	289.63
DISCCART	395323.00	4157147.00	298.39	298.39
DISCCART	395323.00	4158147.00	302.23	302.23
DISCCART	395323.00	4159147.00	305.99	305.99
DISCCART	395323.00	4160147.00	303.73	303.73
DISCCART	395323.00	4161147.00	289.43	289.43
DISCCART	395323.00	4162147.00	293.48	293.48
DISCCART	395323.00	4163147.00	297.19	297.19
DISCCART	395323.00	4164147.00	295.31	295.31
DISCCART	395323.00	4165147.00	291.77	291.77
DISCCART	395323.00	4166147.00	292.28	292.28
DISCCART	395323.00	4167147.00	296.30	296.30
DISCCART	395323.00	4168147.00	298.19	298.19
DISCCART	395323.00	4169147.00	299.54	299.54
DISCCART	395323.00	4170147.00	294.41	294.41
DISCCART	395323.00	4171147.00	290.90	290.90
DISCCART	395323.00	4172147.00	280.92	280.92
DISCCART	395323.00	4173147.00	279.55	279.55
DISCCART	395323.00	4174147.00	275.43	275.43
DISCCART	395323.00	4175147.00	283.47	283.47
DISCCART	395323.00	4176147.00	271.51	271.51
DISCCART	395323.00	4177147.00	277.55	277.55
DISCCART	395323.00	4178147.00	269.98	269.98
DISCCART	395323.00	4179147.00	248.16	248.16
DISCCART	395323.00	4180147.00	242.25	266.52
DISCCART	395323.00	4181147.00	257.00	257.00
DISCCART	395323.00	4182147.00	268.48	268.48
DISCCART	395323.00	4183147.00	259.23	259.23
DISCCART	395323.00	4184147.00	266.68	266.68
DISCCART	395323.00	4185147.00	255.95	255.95
DISCCART	395323.00	4186147.00	258.10	258.10
DISCCART	396323.00	4147147.00	310.80	310.80
DISCCART	396323.00	4148147.00	308.30	308.30
DISCCART	396323.00	4149147.00	308.13	308.13
DISCCART	396323.00	4150147.00	295.73	295.73
DISCCART	396323.00	4151147.00	299.30	299.30
DISCCART	396323.00	4152147.00	304.19	304.19
DISCCART	396323.00	4153147.00	301.81	301.81
DISCCART	396323.00	4154147.00	298.75	298.75
DISCCART	396323.00	4155147.00	295.60	295.60
DISCCART	396323.00	4156147.00	293.53	293.53
DISCCART	396323.00	4157147.00	294.20	294.20
DISCCART	396323.00	4158147.00	306.50	306.50
DISCCART	396323.00	4159147.00	299.35	299.35
DISCCART	396323.00	4160147.00	295.91	295.91
DISCCART	396323.00	4161147.00	289.24	289.24
DISCCART	396323.00	4162147.00	299.12	299.12
DISCCART	396323.00	4163147.00	298.69	298.69
DISCCART	396323.00	4164147.00	295.34	295.34
DISCCART	396323.00	4165147.00	289.82	289.82
DISCCART	396323.00	4166147.00	282.74	282.74
DISCCART	396323.00	4167147.00	288.35	288.35
DISCCART	396323.00	4168147.00	294.15	294.15
DISCCART	396323.00	4169147.00	295.76	295.76
DISCCART	396323.00	4170147.00	294.25	294.25
DISCCART	396323.00	4171147.00	286.04	286.04
DISCCART	396323.00	4172147.00	277.07	277.07
DISCCART	396323.00	4173147.00	272.47	272.47
DISCCART	396323.00	4174147.00	286.79	286.79
DISCCART	396323.00	4175147.00	286.84	286.84
DISCCART	396323.00	4176147.00	283.60	283.60
DISCCART	396323.00	4177147.00	274.28	274.28
DISCCART	396323.00	4178147.00	272.39	272.39
DISCCART	396323.00	4179147.00	269.07	269.07
DISCCART	396323.00	4180147.00	244.67	244.67
DISCCART	396323.00	4181147.00	241.84	241.84
DISCCART	396323.00	4182147.00	251.29	251.29
DISCCART	396323.00	4183147.00	250.33	250.33
DISCCART	396323.00	4184147.00	251.45	251.45

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	396323.00	4185147.00	247.78	247.78
DISCCART	396323.00	4186147.00	244.15	244.15
DISCCART	397323.00	4147147.00	303.98	303.98
DISCCART	397323.00	4148147.00	305.17	305.17
DISCCART	397323.00	4149147.00	296.33	296.33
DISCCART	397323.00	4150147.00	294.33	294.33
DISCCART	397323.00	4151147.00	297.55	297.55
DISCCART	397323.00	4152147.00	303.93	303.93
DISCCART	397323.00	4153147.00	307.05	307.05
DISCCART	397323.00	4154147.00	299.66	299.66
DISCCART	397323.00	4155147.00	294.92	294.92
DISCCART	397323.00	4156147.00	281.17	281.17
DISCCART	397323.00	4157147.00	290.36	290.36
DISCCART	397323.00	4158147.00	301.37	301.37
DISCCART	397323.00	4159147.00	288.25	288.25
DISCCART	397323.00	4160147.00	288.07	288.07
DISCCART	397323.00	4161147.00	277.83	277.83
DISCCART	397323.00	4162147.00	279.39	279.39
DISCCART	397323.00	4163147.00	282.99	282.99
DISCCART	397323.00	4164147.00	286.74	286.74
DISCCART	397323.00	4165147.00	296.10	296.10
DISCCART	397323.00	4166147.00	293.56	293.56
DISCCART	397323.00	4167147.00	277.67	277.67
DISCCART	397323.00	4168147.00	285.36	286.27
DISCCART	397323.00	4169147.00	278.82	278.82
DISCCART	397323.00	4170147.00	277.64	277.64
DISCCART	397323.00	4171147.00	274.73	274.73
DISCCART	397323.00	4172147.00	286.61	286.61
DISCCART	397323.00	4173147.00	293.10	293.10
DISCCART	397323.00	4174147.00	296.41	296.41
DISCCART	397323.00	4175147.00	292.48	292.48
DISCCART	397323.00	4176147.00	284.05	284.05
DISCCART	397323.00	4177147.00	284.48	284.48
DISCCART	397323.00	4178147.00	282.44	282.44
DISCCART	397323.00	4179147.00	280.51	280.51
DISCCART	397323.00	4180147.00	271.62	271.62
DISCCART	397323.00	4181147.00	268.71	268.71
DISCCART	397323.00	4182147.00	241.55	271.07
DISCCART	397323.00	4183147.00	259.00	259.00
DISCCART	397323.00	4184147.00	268.33	268.33
DISCCART	397323.00	4185147.00	264.60	264.60
DISCCART	397323.00	4186147.00	264.32	264.32
DISCCART	398323.00	4147147.00	301.84	301.84
DISCCART	398323.00	4148147.00	292.35	292.35
DISCCART	398323.00	4149147.00	295.51	295.51
DISCCART	398323.00	4150147.00	298.12	298.12
DISCCART	398323.00	4151147.00	303.19	303.19
DISCCART	398323.00	4152147.00	303.67	303.67
DISCCART	398323.00	4153147.00	308.60	308.60
DISCCART	398323.00	4154147.00	304.58	304.58
DISCCART	398323.00	4155147.00	287.98	287.98
DISCCART	398323.00	4156147.00	282.52	282.52
DISCCART	398323.00	4157147.00	275.74	275.74
DISCCART	398323.00	4158147.00	273.32	273.32
DISCCART	398323.00	4159147.00	272.69	272.69
DISCCART	398323.00	4160147.00	273.80	273.80
DISCCART	398323.00	4161147.00	271.73	271.73
DISCCART	398323.00	4162147.00	276.15	276.15
DISCCART	398323.00	4163147.00	279.40	279.40
DISCCART	398323.00	4164147.00	277.87	277.87
DISCCART	398323.00	4165147.00	279.56	279.56
DISCCART	398323.00	4166147.00	284.49	284.49
DISCCART	398323.00	4167147.00	283.56	283.56
DISCCART	398323.00	4168147.00	276.06	276.06
DISCCART	398323.00	4169147.00	274.73	274.73
DISCCART	398323.00	4170147.00	276.54	276.54
DISCCART	398323.00	4171147.00	273.26	283.53
DISCCART	398323.00	4172147.00	264.70	264.70
DISCCART	398323.00	4173147.00	266.98	266.98
DISCCART	398323.00	4174147.00	268.01	287.11



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	398323.00	4175147.00	285.61	285.61
DISCCART	398323.00	4176147.00	282.43	282.43
DISCCART	398323.00	4177147.00	278.94	278.94
DISCCART	398323.00	4178147.00	252.51	278.41
DISCCART	398323.00	4179147.00	252.73	269.09
DISCCART	398323.00	4180147.00	270.61	270.61
DISCCART	398323.00	4181147.00	268.87	272.29
DISCCART	398323.00	4182147.00	239.85	262.48
DISCCART	398323.00	4183147.00	271.59	271.59
DISCCART	398323.00	4184147.00	265.99	265.99
DISCCART	398323.00	4185147.00	263.57	263.57
DISCCART	398323.00	4186147.00	267.08	267.08
DISCCART	399323.00	4147147.00	296.64	296.64
DISCCART	399323.00	4148147.00	297.63	297.63
DISCCART	399323.00	4149147.00	300.46	300.46
DISCCART	399323.00	4150147.00	302.12	302.12
DISCCART	399323.00	4151147.00	306.00	306.00
DISCCART	399323.00	4152147.00	307.99	307.99
DISCCART	399323.00	4153147.00	294.73	294.73
DISCCART	399323.00	4154147.00	294.36	294.36
DISCCART	399323.00	4155147.00	303.24	303.24
DISCCART	399323.00	4156147.00	274.82	293.07
DISCCART	399323.00	4157147.00	292.38	292.38
DISCCART	399323.00	4158147.00	305.32	305.32
DISCCART	399323.00	4159147.00	293.16	293.16
DISCCART	399323.00	4160147.00	297.23	297.23
DISCCART	399323.00	4161147.00	285.40	285.40
DISCCART	399323.00	4162147.00	271.76	287.52
DISCCART	399323.00	4163147.00	275.38	275.38
DISCCART	399323.00	4164147.00	278.09	278.09
DISCCART	399323.00	4165147.00	281.77	281.77
DISCCART	399323.00	4166147.00	283.87	283.87
DISCCART	399323.00	4167147.00	288.25	288.25
DISCCART	399323.00	4168147.00	294.20	294.20
DISCCART	399323.00	4169147.00	284.12	284.12
DISCCART	399323.00	4170147.00	287.61	287.61
DISCCART	399323.00	4171147.00	293.16	293.16
DISCCART	399323.00	4172147.00	289.05	289.05
DISCCART	399323.00	4173147.00	286.62	286.62
DISCCART	399323.00	4174147.00	284.19	284.19
DISCCART	399323.00	4175147.00	278.33	278.33
DISCCART	399323.00	4176147.00	254.77	255.68
DISCCART	399323.00	4177147.00	252.93	281.68
DISCCART	399323.00	4178147.00	277.03	277.03
DISCCART	399323.00	4179147.00	276.06	276.98
DISCCART	399323.00	4180147.00	245.95	271.92
DISCCART	399323.00	4181147.00	240.86	272.00
DISCCART	399323.00	4182147.00	242.40	242.40
DISCCART	399323.00	4183147.00	267.86	267.86
DISCCART	399323.00	4184147.00	256.27	256.27
DISCCART	399323.00	4185147.00	251.02	255.98
DISCCART	399323.00	4186147.00	262.98	262.98
DISCCART	400323.00	4147147.00	297.77	297.77
DISCCART	400323.00	4148147.00	299.15	299.15
DISCCART	400323.00	4149147.00	301.32	301.32
DISCCART	400323.00	4150147.00	314.22	314.22
DISCCART	400323.00	4151147.00	316.35	316.35
DISCCART	400323.00	4152147.00	305.42	305.42
DISCCART	400323.00	4153147.00	298.21	298.21
DISCCART	400323.00	4154147.00	305.41	305.41
DISCCART	400323.00	4155147.00	278.28	304.49
DISCCART	400323.00	4156147.00	296.67	296.67
DISCCART	400323.00	4157147.00	307.71	307.71
DISCCART	400323.00	4158147.00	308.03	308.03
DISCCART	400323.00	4159147.00	301.61	301.61
DISCCART	400323.00	4160147.00	296.09	296.09
DISCCART	400323.00	4161147.00	296.36	296.36
DISCCART	400323.00	4162147.00	268.79	292.32
DISCCART	400323.00	4163147.00	294.67	294.67
DISCCART	400323.00	4164147.00	295.77	295.77

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	400323.00	4165147.00	293.52	293.52
DISCCART	400323.00	4166147.00	294.06	294.06
DISCCART	400323.00	4167147.00	293.71	293.71
DISCCART	400323.00	4168147.00	299.94	299.94
DISCCART	400323.00	4169147.00	289.53	289.53
DISCCART	400323.00	4170147.00	283.14	283.14
DISCCART	400323.00	4171147.00	301.79	301.79
DISCCART	400323.00	4172147.00	294.84	294.84
DISCCART	400323.00	4173147.00	289.02	289.02
DISCCART	400323.00	4174147.00	289.95	289.95
DISCCART	400323.00	4175147.00	266.17	266.17
DISCCART	400323.00	4176147.00	271.70	271.70
DISCCART	400323.00	4177147.00	271.77	271.77
DISCCART	400323.00	4178147.00	265.04	265.04
DISCCART	400323.00	4179147.00	276.17	276.17
DISCCART	400323.00	4180147.00	249.11	272.52
DISCCART	400323.00	4181147.00	259.07	262.88
DISCCART	400323.00	4182147.00	241.41	241.41
DISCCART	400323.00	4183147.00	236.08	265.79
DISCCART	400323.00	4184147.00	251.75	257.51
DISCCART	400323.00	4185147.00	260.60	260.60
DISCCART	400323.00	4186147.00	258.91	258.91
DISCCART	401323.00	4147147.00	307.52	307.52
DISCCART	401323.00	4148147.00	300.66	300.66
DISCCART	401323.00	4149147.00	315.40	315.40
DISCCART	401323.00	4150147.00	312.91	312.91
DISCCART	401323.00	4151147.00	321.09	321.09
DISCCART	401323.00	4152147.00	307.83	307.83
DISCCART	401323.00	4153147.00	315.89	315.89
DISCCART	401323.00	4154147.00	308.87	308.87
DISCCART	401323.00	4155147.00	298.33	298.33
DISCCART	401323.00	4156147.00	279.66	296.47
DISCCART	401323.00	4157147.00	305.08	305.08
DISCCART	401323.00	4158147.00	308.55	308.55
DISCCART	401323.00	4159147.00	302.14	302.14
DISCCART	401323.00	4160147.00	298.79	298.79
DISCCART	401323.00	4161147.00	289.24	289.24
DISCCART	401323.00	4162147.00	291.22	291.22
DISCCART	401323.00	4163147.00	264.51	294.66
DISCCART	401323.00	4164147.00	272.76	292.43
DISCCART	401323.00	4165147.00	283.95	283.95
DISCCART	401323.00	4166147.00	286.65	286.65
DISCCART	401323.00	4167147.00	292.55	292.55
DISCCART	401323.00	4168147.00	299.63	299.63
DISCCART	401323.00	4169147.00	287.58	287.58
DISCCART	401323.00	4170147.00	282.77	282.77
DISCCART	401323.00	4171147.00	295.30	295.30
DISCCART	401323.00	4172147.00	289.78	289.78
DISCCART	401323.00	4173147.00	287.66	287.66
DISCCART	401323.00	4174147.00	291.33	291.33
DISCCART	401323.00	4175147.00	291.97	291.97
DISCCART	401323.00	4176147.00	279.48	284.62
DISCCART	401323.00	4177147.00	271.96	283.16
DISCCART	401323.00	4178147.00	256.19	256.19
DISCCART	401323.00	4179147.00	258.55	258.55
DISCCART	401323.00	4180147.00	254.15	254.15
DISCCART	401323.00	4181147.00	274.79	274.79
DISCCART	401323.00	4182147.00	267.88	267.88
DISCCART	401323.00	4183147.00	243.43	269.35
DISCCART	401323.00	4184147.00	235.87	235.87
DISCCART	401323.00	4185147.00	252.17	252.17
DISCCART	401323.00	4186147.00	233.82	233.82
DISCCART	402323.00	4147147.00	317.67	317.67
DISCCART	402323.00	4148147.00	310.97	310.97
DISCCART	402323.00	4149147.00	317.70	317.70
DISCCART	402323.00	4150147.00	315.93	315.93
DISCCART	402323.00	4151147.00	314.30	314.30
DISCCART	402323.00	4152147.00	305.78	305.78
DISCCART	402323.00	4153147.00	300.80	300.80
DISCCART	402323.00	4154147.00	298.50	305.52

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	402323.00	4155147.00	300.39	300.39
DISCCART	402323.00	4156147.00	299.02	299.02
DISCCART	402323.00	4157147.00	302.00	302.00
DISCCART	402323.00	4158147.00	311.08	311.08
DISCCART	402323.00	4159147.00	294.98	294.98
DISCCART	402323.00	4160147.00	277.00	299.28
DISCCART	402323.00	4161147.00	289.90	294.29
DISCCART	402323.00	4162147.00	267.45	295.77
DISCCART	402323.00	4163147.00	265.43	292.22
DISCCART	402323.00	4164147.00	270.66	270.66
DISCCART	402323.00	4165147.00	277.97	285.10
DISCCART	402323.00	4166147.00	292.18	292.18
DISCCART	402323.00	4167147.00	299.43	299.43
DISCCART	402323.00	4168147.00	297.59	297.59
DISCCART	402323.00	4169147.00	286.88	286.88
DISCCART	402323.00	4170147.00	274.71	274.71
DISCCART	402323.00	4171147.00	284.95	284.95
DISCCART	402323.00	4172147.00	287.03	287.03
DISCCART	402323.00	4173147.00	281.07	281.07
DISCCART	402323.00	4174147.00	287.99	287.99
DISCCART	402323.00	4175147.00	294.53	294.53
DISCCART	402323.00	4176147.00	291.27	291.27
DISCCART	402323.00	4177147.00	289.97	289.97
DISCCART	402323.00	4178147.00	284.81	284.81
DISCCART	402323.00	4179147.00	267.86	267.86
DISCCART	402323.00	4180147.00	253.51	253.51
DISCCART	402323.00	4181147.00	261.07	261.07
DISCCART	402323.00	4182147.00	247.37	247.37
DISCCART	402323.00	4183147.00	268.42	268.42
DISCCART	402323.00	4184147.00	257.58	257.58
DISCCART	402323.00	4185147.00	232.41	253.08
DISCCART	402323.00	4186147.00	247.13	247.13
DISCCART	403323.00	4147147.00	313.94	313.94
DISCCART	403323.00	4148147.00	310.95	310.95
DISCCART	403323.00	4149147.00	318.67	318.67
DISCCART	403323.00	4150147.00	320.94	320.94
DISCCART	403323.00	4151147.00	313.93	313.93
DISCCART	403323.00	4152147.00	314.47	314.47
DISCCART	403323.00	4153147.00	295.04	296.32
DISCCART	403323.00	4154147.00	290.06	290.06
DISCCART	403323.00	4155147.00	286.40	303.35
DISCCART	403323.00	4156147.00	289.65	289.65
DISCCART	403323.00	4157147.00	310.45	310.45
DISCCART	403323.00	4158147.00	314.27	314.27
DISCCART	403323.00	4159147.00	306.41	306.41
DISCCART	403323.00	4160147.00	282.03	295.23
DISCCART	403323.00	4161147.00	299.47	299.47
DISCCART	403323.00	4162147.00	302.03	302.03
DISCCART	403323.00	4163147.00	296.11	296.11
DISCCART	403323.00	4164147.00	294.24	294.24
DISCCART	403323.00	4165147.00	283.28	283.28
DISCCART	403323.00	4166147.00	278.00	288.28
DISCCART	403323.00	4167147.00	296.48	296.48
DISCCART	403323.00	4168147.00	293.08	293.08
DISCCART	403323.00	4169147.00	283.02	286.56
DISCCART	403323.00	4170147.00	277.99	288.17
DISCCART	403323.00	4171147.00	296.77	296.77
DISCCART	403323.00	4172147.00	290.13	290.13
DISCCART	403323.00	4173147.00	280.19	280.19
DISCCART	403323.00	4174147.00	283.21	283.21
DISCCART	403323.00	4175147.00	292.09	292.09
DISCCART	403323.00	4176147.00	296.81	296.81
DISCCART	403323.00	4177147.00	293.74	293.74
DISCCART	403323.00	4178147.00	289.91	289.91
DISCCART	403323.00	4179147.00	278.39	278.39
DISCCART	403323.00	4180147.00	260.56	272.24
DISCCART	403323.00	4181147.00	258.89	258.89
DISCCART	403323.00	4182147.00	246.61	246.61
DISCCART	403323.00	4183147.00	259.26	259.26
DISCCART	403323.00	4184147.00	256.09	256.09

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	403323.00	4185147.00	255.78	255.78
DISCCART	403323.00	4186147.00	257.20	257.20
DISCCART	404323.00	4147147.00	315.77	315.77
DISCCART	404323.00	4148147.00	313.92	313.92
DISCCART	404323.00	4149147.00	319.91	319.91
DISCCART	404323.00	4150147.00	319.27	319.27
DISCCART	404323.00	4151147.00	314.48	314.48
DISCCART	404323.00	4152147.00	290.24	296.17
DISCCART	404323.00	4153147.00	283.54	301.23
DISCCART	404323.00	4154147.00	301.91	306.59
DISCCART	404323.00	4155147.00	311.15	311.15
DISCCART	404323.00	4156147.00	293.77	293.77
DISCCART	404323.00	4157147.00	318.47	318.47
DISCCART	404323.00	4158147.00	317.14	317.14
DISCCART	404323.00	4159147.00	284.52	306.82
DISCCART	404323.00	4160147.00	299.68	299.68
DISCCART	404323.00	4161147.00	291.94	301.85
DISCCART	404323.00	4162147.00	304.50	304.50
DISCCART	404323.00	4163147.00	296.88	296.88
DISCCART	404323.00	4164147.00	292.29	292.29
DISCCART	404323.00	4165147.00	291.77	291.77
DISCCART	404323.00	4166147.00	262.57	262.57
DISCCART	404323.00	4167147.00	276.07	276.07
DISCCART	404323.00	4168147.00	281.01	281.01
DISCCART	404323.00	4169147.00	262.16	262.16
DISCCART	404323.00	4170147.00	290.46	290.46
DISCCART	404323.00	4171147.00	286.22	286.22
DISCCART	404323.00	4172147.00	271.76	271.76
DISCCART	404323.00	4173147.00	293.56	293.56
DISCCART	404323.00	4174147.00	295.24	295.24
DISCCART	404323.00	4175147.00	293.42	293.42
DISCCART	404323.00	4176147.00	289.89	289.89
DISCCART	404323.00	4177147.00	276.81	276.81
DISCCART	404323.00	4178147.00	289.11	289.11
DISCCART	404323.00	4179147.00	289.74	289.74
DISCCART	404323.00	4180147.00	284.12	284.12
DISCCART	404323.00	4181147.00	281.96	281.96
DISCCART	404323.00	4182147.00	257.25	277.48
DISCCART	404323.00	4183147.00	273.31	273.31
DISCCART	404323.00	4184147.00	261.02	261.02
DISCCART	404323.00	4185147.00	257.16	257.16
DISCCART	404323.00	4186147.00	254.45	254.45
DISCCART	405323.00	4147147.00	317.39	317.39
DISCCART	405323.00	4148147.00	310.73	310.73
DISCCART	405323.00	4149147.00	306.42	313.51
DISCCART	405323.00	4150147.00	292.01	292.01
DISCCART	405323.00	4151147.00	286.15	289.74
DISCCART	405323.00	4152147.00	295.80	295.80
DISCCART	405323.00	4153147.00	293.80	293.80
DISCCART	405323.00	4154147.00	305.60	305.60
DISCCART	405323.00	4155147.00	305.52	305.52
DISCCART	405323.00	4156147.00	301.49	304.02
DISCCART	405323.00	4157147.00	312.62	312.62
DISCCART	405323.00	4158147.00	317.20	317.20
DISCCART	405323.00	4159147.00	289.62	289.62
DISCCART	405323.00	4160147.00	309.75	309.75
DISCCART	405323.00	4161147.00	307.22	307.22
DISCCART	405323.00	4162147.00	305.07	305.07
DISCCART	405323.00	4163147.00	274.10	274.10
DISCCART	405323.00	4164147.00	275.17	275.17
DISCCART	405323.00	4165147.00	272.68	296.81
DISCCART	405323.00	4166147.00	282.87	291.12
DISCCART	405323.00	4167147.00	266.73	266.73
DISCCART	405323.00	4168147.00	265.60	265.60
DISCCART	405323.00	4169147.00	265.72	284.98
DISCCART	405323.00	4170147.00	274.02	281.94
DISCCART	405323.00	4171147.00	268.70	268.70
DISCCART	405323.00	4172147.00	291.65	291.65
DISCCART	405323.00	4173147.00	293.36	293.36
DISCCART	405323.00	4174147.00	297.81	297.81

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	405323.00	4175147.00	298.44	298.44
DISCCART	405323.00	4176147.00	296.76	296.76
DISCCART	405323.00	4177147.00	290.09	290.09
DISCCART	405323.00	4178147.00	274.99	274.99
DISCCART	405323.00	4179147.00	290.20	290.20
DISCCART	405323.00	4180147.00	294.43	294.43
DISCCART	405323.00	4181147.00	295.77	295.77
DISCCART	405323.00	4182147.00	287.05	287.05
DISCCART	405323.00	4183147.00	274.13	274.13
DISCCART	405323.00	4184147.00	270.06	270.06
DISCCART	405323.00	4185147.00	262.30	262.30
DISCCART	405323.00	4186147.00	253.11	253.11
DISCCART	406323.00	4147147.00	301.57	318.59
DISCCART	406323.00	4148147.00	289.77	292.69
DISCCART	406323.00	4149147.00	294.18	294.18
DISCCART	406323.00	4150147.00	300.49	300.49
DISCCART	406323.00	4151147.00	312.80	312.80
DISCCART	406323.00	4152147.00	317.82	317.82
DISCCART	406323.00	4153147.00	294.22	294.22
DISCCART	406323.00	4154147.00	308.75	308.75
DISCCART	406323.00	4155147.00	293.31	301.79
DISCCART	406323.00	4156147.00	310.53	310.53
DISCCART	406323.00	4157147.00	319.26	319.26
DISCCART	406323.00	4158147.00	314.48	314.48
DISCCART	406323.00	4159147.00	299.29	299.29
DISCCART	406323.00	4160147.00	309.27	309.27
DISCCART	406323.00	4161147.00	310.07	310.07
DISCCART	406323.00	4162147.00	283.86	283.86
DISCCART	406323.00	4163147.00	308.21	308.21
DISCCART	406323.00	4164147.00	287.78	287.78
DISCCART	406323.00	4165147.00	302.13	302.13
DISCCART	406323.00	4166147.00	293.12	299.99
DISCCART	406323.00	4167147.00	290.09	290.09
DISCCART	406323.00	4168147.00	272.00	272.00
DISCCART	406323.00	4169147.00	260.23	260.23
DISCCART	406323.00	4170147.00	266.19	266.19
DISCCART	406323.00	4171147.00	263.84	263.84
DISCCART	406323.00	4172147.00	290.73	290.73
DISCCART	406323.00	4173147.00	289.78	289.78
DISCCART	406323.00	4174147.00	295.68	295.68
DISCCART	406323.00	4175147.00	298.55	298.55
DISCCART	406323.00	4176147.00	287.54	287.54
DISCCART	406323.00	4177147.00	280.80	280.80
DISCCART	406323.00	4178147.00	280.73	280.73
DISCCART	406323.00	4179147.00	283.05	283.05
DISCCART	406323.00	4180147.00	288.81	288.81
DISCCART	406323.00	4181147.00	287.77	287.77
DISCCART	406323.00	4182147.00	286.83	286.83
DISCCART	406323.00	4183147.00	289.37	289.37
DISCCART	406323.00	4184147.00	286.21	286.21
DISCCART	406323.00	4185147.00	276.99	276.99
DISCCART	406323.00	4186147.00	276.54	276.54
DISCCART	407323.00	4147147.00	297.78	297.78
DISCCART	407323.00	4148147.00	318.62	318.62
DISCCART	407323.00	4149147.00	323.14	323.14
DISCCART	407323.00	4150147.00	302.03	302.03
DISCCART	407323.00	4151147.00	322.25	322.25
DISCCART	407323.00	4152147.00	297.94	317.57
DISCCART	407323.00	4153147.00	313.44	313.44
DISCCART	407323.00	4154147.00	310.01	310.01
DISCCART	407323.00	4155147.00	292.46	292.46
DISCCART	407323.00	4156147.00	309.33	318.79
DISCCART	407323.00	4157147.00	322.64	322.64
DISCCART	407323.00	4158147.00	306.31	306.31
DISCCART	407323.00	4159147.00	305.91	305.91
DISCCART	407323.00	4160147.00	325.93	325.93
DISCCART	407323.00	4161147.00	303.31	303.31
DISCCART	407323.00	4162147.00	296.57	296.57
DISCCART	407323.00	4163147.00	313.54	313.54
DISCCART	407323.00	4164147.00	308.63	308.63

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	407323.00	4165147.00	305.29	305.29
DISCCART	407323.00	4166147.00	295.55	295.55
DISCCART	407323.00	4167147.00	286.58	286.58
DISCCART	407323.00	4168147.00	267.45	278.17
DISCCART	407323.00	4169147.00	269.12	269.12
DISCCART	407323.00	4170147.00	259.03	259.03
DISCCART	407323.00	4171147.00	273.74	287.88
DISCCART	407323.00	4172147.00	296.71	296.71
DISCCART	407323.00	4173147.00	290.86	290.86
DISCCART	407323.00	4174147.00	284.70	284.70
DISCCART	407323.00	4175147.00	275.74	275.74
DISCCART	407323.00	4176147.00	285.27	285.27
DISCCART	407323.00	4177147.00	286.02	286.02
DISCCART	407323.00	4178147.00	277.76	277.76
DISCCART	407323.00	4179147.00	287.42	287.42
DISCCART	407323.00	4180147.00	283.17	283.17
DISCCART	407323.00	4181147.00	286.85	286.85
DISCCART	407323.00	4182147.00	273.27	273.27
DISCCART	407323.00	4183147.00	273.77	273.77
DISCCART	407323.00	4184147.00	276.27	276.27
DISCCART	407323.00	4185147.00	277.22	277.22
DISCCART	407323.00	4186147.00	285.27	285.27
DISCCART	408323.00	4147147.00	304.13	304.13
DISCCART	408323.00	4148147.00	315.65	317.11
DISCCART	408323.00	4149147.00	299.23	299.23
DISCCART	408323.00	4150147.00	305.63	305.63
DISCCART	408323.00	4151147.00	315.90	319.00
DISCCART	408323.00	4152147.00	307.74	312.84
DISCCART	408323.00	4153147.00	311.78	311.78
DISCCART	408323.00	4154147.00	311.25	311.25
DISCCART	408323.00	4155147.00	295.75	295.75
DISCCART	408323.00	4156147.00	317.00	317.00
DISCCART	408323.00	4157147.00	310.23	310.23
DISCCART	408323.00	4158147.00	314.04	319.98
DISCCART	408323.00	4159147.00	318.75	318.75
DISCCART	408323.00	4160147.00	321.96	321.96
DISCCART	408323.00	4161147.00	310.76	310.76
DISCCART	408323.00	4162147.00	298.70	298.70
DISCCART	408323.00	4163147.00	294.53	294.53
DISCCART	408323.00	4164147.00	304.88	304.88
DISCCART	408323.00	4165147.00	310.48	310.48
DISCCART	408323.00	4166147.00	300.30	300.30
DISCCART	408323.00	4167147.00	291.63	291.63
DISCCART	408323.00	4168147.00	286.96	301.23
DISCCART	408323.00	4169147.00	287.13	291.06
DISCCART	408323.00	4170147.00	265.54	265.54
DISCCART	408323.00	4171147.00	255.92	255.92
DISCCART	408323.00	4172147.00	269.70	269.70
DISCCART	408323.00	4173147.00	294.02	294.02
DISCCART	408323.00	4174147.00	287.28	287.28
DISCCART	408323.00	4175147.00	276.00	278.69
DISCCART	408323.00	4176147.00	289.68	289.68
DISCCART	408323.00	4177147.00	286.31	286.31
DISCCART	408323.00	4178147.00	263.80	263.80
DISCCART	408323.00	4179147.00	275.06	275.06
DISCCART	408323.00	4180147.00	278.24	278.24
DISCCART	408323.00	4181147.00	280.53	280.53
DISCCART	408323.00	4182147.00	280.69	280.69
DISCCART	408323.00	4183147.00	265.21	265.21
DISCCART	408323.00	4184147.00	269.74	269.74
DISCCART	408323.00	4185147.00	279.93	279.93
DISCCART	408323.00	4186147.00	287.77	287.77
DISCCART	409323.00	4147147.00	309.46	309.46
DISCCART	409323.00	4148147.00	304.83	304.83
DISCCART	409323.00	4149147.00	320.86	320.86
DISCCART	409323.00	4150147.00	321.03	321.03
DISCCART	409323.00	4151147.00	322.21	322.21
DISCCART	409323.00	4152147.00	327.38	327.38
DISCCART	409323.00	4153147.00	320.68	320.68
DISCCART	409323.00	4154147.00	319.86	319.86

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	409323.00	4155147.00	308.93	308.93
DISCCART	409323.00	4156147.00	312.24	312.24
DISCCART	409323.00	4157147.00	325.88	325.88
DISCCART	409323.00	4158147.00	311.69	311.69
DISCCART	409323.00	4159147.00	305.79	305.79
DISCCART	409323.00	4160147.00	323.62	323.62
DISCCART	409323.00	4161147.00	316.76	316.76
DISCCART	409323.00	4162147.00	306.29	306.29
DISCCART	409323.00	4163147.00	309.93	309.93
DISCCART	409323.00	4164147.00	289.34	289.34
DISCCART	409323.00	4165147.00	287.14	287.14
DISCCART	409323.00	4166147.00	302.10	302.10
DISCCART	409323.00	4167147.00	307.17	307.17
DISCCART	409323.00	4168147.00	293.44	293.44
DISCCART	409323.00	4169147.00	276.32	276.32
DISCCART	409323.00	4170147.00	291.63	291.63
DISCCART	409323.00	4171147.00	266.25	266.25
DISCCART	409323.00	4172147.00	262.31	266.60
DISCCART	409323.00	4173147.00	288.06	288.06
DISCCART	409323.00	4174147.00	264.24	264.24
DISCCART	409323.00	4175147.00	268.60	268.60
DISCCART	409323.00	4176147.00	289.83	289.83
DISCCART	409323.00	4177147.00	284.46	284.46
DISCCART	409323.00	4178147.00	272.28	272.28
DISCCART	409323.00	4179147.00	271.54	271.54
DISCCART	409323.00	4180147.00	279.47	279.47
DISCCART	409323.00	4181147.00	283.51	283.51
DISCCART	409323.00	4182147.00	277.50	277.50
DISCCART	409323.00	4183147.00	272.13	272.13
DISCCART	409323.00	4184147.00	267.28	267.28
DISCCART	409323.00	4185147.00	276.98	276.98
DISCCART	409323.00	4186147.00	277.54	277.54
DISCCART	370323.00	4146147.00	298.96	298.96
DISCCART	370323.00	4145147.00	295.78	295.78
DISCCART	370323.00	4144147.00	288.67	288.67
DISCCART	370323.00	4143147.00	289.65	289.65
DISCCART	370323.00	4142147.00	283.27	283.27
DISCCART	370323.00	4141147.00	290.85	290.85
DISCCART	370323.00	4140147.00	292.86	292.86
DISCCART	370323.00	4139147.00	291.25	291.25
DISCCART	370323.00	4138147.00	290.91	290.91
DISCCART	370323.00	4137147.00	290.78	290.78
DISCCART	370323.00	4136147.00	293.04	293.04
DISCCART	370323.00	4135147.00	292.26	292.26
DISCCART	370323.00	4134147.00	294.37	294.37
DISCCART	370323.00	4133147.00	287.44	287.44
DISCCART	370323.00	4132147.00	284.54	284.54
DISCCART	370323.00	4131147.00	272.61	272.61
DISCCART	370323.00	4130147.00	271.81	271.81
DISCCART	370323.00	4129147.00	274.99	274.99
DISCCART	370323.00	4128147.00	275.73	275.73
DISCCART	370323.00	4127147.00	275.71	275.71
DISCCART	370323.00	4126147.00	270.28	274.76
DISCCART	370323.00	4125147.00	268.46	268.46
DISCCART	370323.00	4124147.00	272.63	272.63
DISCCART	370323.00	4123147.00	269.16	269.16
DISCCART	370323.00	4122147.00	280.18	280.18
DISCCART	370323.00	4121147.00	293.50	293.50
DISCCART	370323.00	4120147.00	291.59	291.59
DISCCART	370323.00	4119147.00	290.42	290.42
DISCCART	370323.00	4118147.00	288.45	288.45
DISCCART	370323.00	4117147.00	285.44	285.44
DISCCART	370323.00	4116147.00	275.50	275.50
DISCCART	370323.00	4115147.00	300.31	300.31
DISCCART	370323.00	4114147.00	303.89	303.89
DISCCART	370323.00	4113147.00	293.42	293.42
DISCCART	370323.00	4112147.00	301.28	301.28
DISCCART	370323.00	4111147.00	314.02	314.02
DISCCART	370323.00	4110147.00	316.66	316.66
DISCCART	370323.00	4109147.00	317.78	317.78

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	370323.00	4108147.00	306.48	306.48
DISCCART	370323.00	4107147.00	317.51	317.51
DISCCART	370323.00	4106147.00	303.44	303.44
DISCCART	370323.00	4105147.00	311.71	311.71
DISCCART	370323.00	4104147.00	329.87	329.87
DISCCART	370323.00	4103147.00	337.98	337.98
DISCCART	370323.00	4102147.00	326.35	326.35
DISCCART	370323.00	4101147.00	313.85	313.85
DISCCART	370323.00	4100147.00	307.05	323.38
DISCCART	370323.00	4099147.00	298.85	311.92
DISCCART	370323.00	4098147.00	315.03	323.43
DISCCART	370323.00	4097147.00	317.63	326.02
DISCCART	370323.00	4096147.00	283.40	305.93
DISCCART	370323.00	4095147.00	324.02	324.02
DISCCART	370323.00	4094147.00	336.87	336.87
DISCCART	370323.00	4093147.00	330.02	333.38
DISCCART	370323.00	4092147.00	330.06	330.06
DISCCART	370323.00	4091147.00	319.41	327.08
DISCCART	370323.00	4090147.00	311.94	311.94
DISCCART	370323.00	4089147.00	323.59	323.59
DISCCART	370323.00	4088147.00	323.56	323.56
DISCCART	370323.00	4087147.00	336.19	336.19
DISCCART	370323.00	4086147.00	346.11	346.11
DISCCART	371323.00	4146147.00	300.30	300.30
DISCCART	371323.00	4145147.00	296.30	296.30
DISCCART	371323.00	4144147.00	290.20	290.20
DISCCART	371323.00	4143147.00	293.34	293.34
DISCCART	371323.00	4142147.00	289.92	289.92
DISCCART	371323.00	4141147.00	292.97	292.97
DISCCART	371323.00	4140147.00	291.60	291.60
DISCCART	371323.00	4139147.00	299.15	299.15
DISCCART	371323.00	4138147.00	296.15	296.15
DISCCART	371323.00	4137147.00	296.13	296.13
DISCCART	371323.00	4136147.00	292.91	292.91
DISCCART	371323.00	4135147.00	295.40	295.40
DISCCART	371323.00	4134147.00	289.54	289.54
DISCCART	371323.00	4133147.00	279.29	279.29
DISCCART	371323.00	4132147.00	274.41	274.41
DISCCART	371323.00	4131147.00	283.69	283.69
DISCCART	371323.00	4130147.00	290.23	290.23
DISCCART	371323.00	4129147.00	274.30	274.30
DISCCART	371323.00	4128147.00	280.21	280.21
DISCCART	371323.00	4127147.00	282.04	282.04
DISCCART	371323.00	4126147.00	280.66	280.66
DISCCART	371323.00	4125147.00	270.17	270.17
DISCCART	371323.00	4124147.00	287.13	287.13
DISCCART	371323.00	4123147.00	281.43	281.43
DISCCART	371323.00	4122147.00	271.68	271.68
DISCCART	371323.00	4121147.00	273.98	284.90
DISCCART	371323.00	4120147.00	292.58	292.58
DISCCART	371323.00	4119147.00	298.64	298.64
DISCCART	371323.00	4118147.00	295.27	295.27
DISCCART	371323.00	4117147.00	291.03	291.03
DISCCART	371323.00	4116147.00	283.46	283.46
DISCCART	371323.00	4115147.00	273.94	273.94
DISCCART	371323.00	4114147.00	278.62	299.54
DISCCART	371323.00	4113147.00	289.22	289.22
DISCCART	371323.00	4112147.00	290.44	290.44
DISCCART	371323.00	4111147.00	301.35	301.35
DISCCART	371323.00	4110147.00	317.25	317.25
DISCCART	371323.00	4109147.00	328.08	328.08
DISCCART	371323.00	4108147.00	314.04	314.04
DISCCART	371323.00	4107147.00	321.37	321.37
DISCCART	371323.00	4106147.00	316.15	316.15
DISCCART	371323.00	4105147.00	305.18	305.18
DISCCART	371323.00	4104147.00	324.71	324.71
DISCCART	371323.00	4103147.00	335.11	335.11
DISCCART	371323.00	4102147.00	339.21	339.21
DISCCART	371323.00	4101147.00	328.53	332.41
DISCCART	371323.00	4100147.00	318.57	318.57



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	371323.00	4099147.00	308.05	308.05
DISCCART	371323.00	4098147.00	328.07	328.07
DISCCART	371323.00	4097147.00	301.54	318.36
DISCCART	371323.00	4096147.00	296.71	308.76
DISCCART	371323.00	4095147.00	283.21	283.21
DISCCART	371323.00	4094147.00	321.16	335.64
DISCCART	371323.00	4093147.00	334.67	334.67
DISCCART	371323.00	4092147.00	323.13	323.13
DISCCART	371323.00	4091147.00	308.17	311.20
DISCCART	371323.00	4090147.00	303.80	303.80
DISCCART	371323.00	4089147.00	308.18	308.18
DISCCART	371323.00	4088147.00	332.60	332.60
DISCCART	371323.00	4087147.00	338.24	338.24
DISCCART	371323.00	4086147.00	348.19	348.19
DISCCART	372323.00	4146147.00	300.82	300.82
DISCCART	372323.00	4145147.00	298.23	298.23
DISCCART	372323.00	4144147.00	299.75	299.75
DISCCART	372323.00	4143147.00	293.00	293.00
DISCCART	372323.00	4142147.00	289.38	289.38
DISCCART	372323.00	4141147.00	289.63	289.63
DISCCART	372323.00	4140147.00	302.34	302.34
DISCCART	372323.00	4139147.00	301.61	301.61
DISCCART	372323.00	4138147.00	305.54	305.54
DISCCART	372323.00	4137147.00	293.36	293.36
DISCCART	372323.00	4136147.00	286.38	286.38
DISCCART	372323.00	4135147.00	285.80	285.80
DISCCART	372323.00	4134147.00	279.18	279.18
DISCCART	372323.00	4133147.00	294.90	294.90
DISCCART	372323.00	4132147.00	293.32	293.32
DISCCART	372323.00	4131147.00	295.42	295.42
DISCCART	372323.00	4130147.00	281.48	281.48
DISCCART	372323.00	4129147.00	281.70	281.70
DISCCART	372323.00	4128147.00	280.96	280.96
DISCCART	372323.00	4127147.00	283.71	283.71
DISCCART	372323.00	4126147.00	278.62	278.62
DISCCART	372323.00	4125147.00	268.29	268.29
DISCCART	372323.00	4124147.00	281.00	281.00
DISCCART	372323.00	4123147.00	293.14	293.14
DISCCART	372323.00	4122147.00	279.63	279.63
DISCCART	372323.00	4121147.00	272.57	272.57
DISCCART	372323.00	4120147.00	289.51	289.51
DISCCART	372323.00	4119147.00	300.25	300.25
DISCCART	372323.00	4118147.00	298.89	298.89
DISCCART	372323.00	4117147.00	295.96	295.96
DISCCART	372323.00	4116147.00	293.25	293.25
DISCCART	372323.00	4115147.00	281.75	281.75
DISCCART	372323.00	4114147.00	293.94	293.94
DISCCART	372323.00	4113147.00	301.55	301.55
DISCCART	372323.00	4112147.00	305.98	305.98
DISCCART	372323.00	4111147.00	305.06	305.06
DISCCART	372323.00	4110147.00	311.82	311.82
DISCCART	372323.00	4109147.00	329.71	329.71
DISCCART	372323.00	4108147.00	324.26	324.26
DISCCART	372323.00	4107147.00	325.88	325.88
DISCCART	372323.00	4106147.00	318.06	318.06
DISCCART	372323.00	4105147.00	316.57	316.57
DISCCART	372323.00	4104147.00	321.45	321.45
DISCCART	372323.00	4103147.00	326.46	326.46
DISCCART	372323.00	4102147.00	332.43	332.43
DISCCART	372323.00	4101147.00	332.08	332.08
DISCCART	372323.00	4100147.00	337.00	337.00
DISCCART	372323.00	4099147.00	327.52	335.07
DISCCART	372323.00	4098147.00	336.08	342.95
DISCCART	372323.00	4097147.00	314.35	325.13
DISCCART	372323.00	4096147.00	323.83	330.72
DISCCART	372323.00	4095147.00	298.37	311.65
DISCCART	372323.00	4094147.00	288.55	288.55
DISCCART	372323.00	4093147.00	283.62	283.62
DISCCART	372323.00	4092147.00	306.01	319.47
DISCCART	372323.00	4091147.00	316.18	316.51

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	372323.00	4090147.00	318.22	320.71
DISCCART	372323.00	4089147.00	327.79	327.79
DISCCART	372323.00	4088147.00	330.58	333.37
DISCCART	372323.00	4087147.00	327.48	327.48
DISCCART	372323.00	4086147.00	345.47	345.47
DISCCART	373323.00	4146147.00	299.47	299.47
DISCCART	373323.00	4145147.00	301.72	301.72
DISCCART	373323.00	4144147.00	298.95	298.95
DISCCART	373323.00	4143147.00	297.69	297.69
DISCCART	373323.00	4142147.00	296.62	296.62
DISCCART	373323.00	4141147.00	292.40	292.40
DISCCART	373323.00	4140147.00	299.10	299.10
DISCCART	373323.00	4139147.00	296.22	296.22
DISCCART	373323.00	4138147.00	291.26	291.26
DISCCART	373323.00	4137147.00	301.38	301.38
DISCCART	373323.00	4136147.00	293.47	293.47
DISCCART	373323.00	4135147.00	281.08	281.08
DISCCART	373323.00	4134147.00	296.80	296.80
DISCCART	373323.00	4133147.00	301.39	301.39
DISCCART	373323.00	4132147.00	304.65	304.65
DISCCART	373323.00	4131147.00	298.91	298.91
DISCCART	373323.00	4130147.00	287.54	287.54
DISCCART	373323.00	4129147.00	297.11	297.11
DISCCART	373323.00	4128147.00	274.70	274.70
DISCCART	373323.00	4127147.00	269.65	269.65
DISCCART	373323.00	4126147.00	269.51	269.51
DISCCART	373323.00	4125147.00	268.27	268.27
DISCCART	373323.00	4124147.00	281.89	281.89
DISCCART	373323.00	4123147.00	283.77	290.06
DISCCART	373323.00	4122147.00	287.02	287.02
DISCCART	373323.00	4121147.00	282.77	282.77
DISCCART	373323.00	4120147.00	275.94	275.94
DISCCART	373323.00	4119147.00	288.72	289.82
DISCCART	373323.00	4118147.00	304.50	304.50
DISCCART	373323.00	4117147.00	286.46	286.46
DISCCART	373323.00	4116147.00	282.35	282.35
DISCCART	373323.00	4115147.00	275.25	275.25
DISCCART	373323.00	4114147.00	297.22	297.22
DISCCART	373323.00	4113147.00	299.54	299.54
DISCCART	373323.00	4112147.00	295.80	295.80
DISCCART	373323.00	4111147.00	310.61	320.06
DISCCART	373323.00	4110147.00	310.92	310.92
DISCCART	373323.00	4109147.00	315.03	315.03
DISCCART	373323.00	4108147.00	322.94	322.94
DISCCART	373323.00	4107147.00	329.85	329.85
DISCCART	373323.00	4106147.00	329.05	329.05
DISCCART	373323.00	4105147.00	324.86	324.86
DISCCART	373323.00	4104147.00	311.28	311.28
DISCCART	373323.00	4103147.00	331.74	331.74
DISCCART	373323.00	4102147.00	335.29	335.29
DISCCART	373323.00	4101147.00	332.86	332.86
DISCCART	373323.00	4100147.00	346.84	346.84
DISCCART	373323.00	4099147.00	336.87	336.87
DISCCART	373323.00	4098147.00	339.40	339.40
DISCCART	373323.00	4097147.00	334.88	344.29
DISCCART	373323.00	4096147.00	308.64	308.64
DISCCART	373323.00	4095147.00	337.09	337.09
DISCCART	373323.00	4094147.00	328.79	328.79
DISCCART	373323.00	4093147.00	285.52	285.52
DISCCART	373323.00	4092147.00	294.83	294.83
DISCCART	373323.00	4091147.00	291.69	320.70
DISCCART	373323.00	4090147.00	322.91	327.54
DISCCART	373323.00	4089147.00	326.19	326.19
DISCCART	373323.00	4088147.00	338.81	338.81
DISCCART	373323.00	4087147.00	330.55	330.55
DISCCART	373323.00	4086147.00	346.86	346.86
DISCCART	374323.00	4146147.00	299.98	299.98
DISCCART	374323.00	4145147.00	298.26	298.26
DISCCART	374323.00	4144147.00	298.89	298.89
DISCCART	374323.00	4143147.00	301.98	301.98

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	374323.00	4142147.00	298.58	298.58
DISCCART	374323.00	4141147.00	296.93	296.93
DISCCART	374323.00	4140147.00	301.66	301.66
DISCCART	374323.00	4139147.00	304.35	304.35
DISCCART	374323.00	4138147.00	293.44	293.44
DISCCART	374323.00	4137147.00	289.98	289.98
DISCCART	374323.00	4136147.00	289.75	289.75
DISCCART	374323.00	4135147.00	289.52	289.52
DISCCART	374323.00	4134147.00	307.70	307.70
DISCCART	374323.00	4133147.00	302.94	302.94
DISCCART	374323.00	4132147.00	297.93	297.93
DISCCART	374323.00	4131147.00	282.94	282.94
DISCCART	374323.00	4130147.00	294.89	294.89
DISCCART	374323.00	4129147.00	295.29	298.09
DISCCART	374323.00	4128147.00	277.31	277.31
DISCCART	374323.00	4127147.00	271.49	271.49
DISCCART	374323.00	4126147.00	272.94	272.94
DISCCART	374323.00	4125147.00	271.19	271.19
DISCCART	374323.00	4124147.00	281.04	281.04
DISCCART	374323.00	4123147.00	296.84	296.84
DISCCART	374323.00	4122147.00	303.14	303.14
DISCCART	374323.00	4121147.00	284.78	284.78
DISCCART	374323.00	4120147.00	278.44	278.44
DISCCART	374323.00	4119147.00	285.46	285.46
DISCCART	374323.00	4118147.00	302.32	302.32
DISCCART	374323.00	4117147.00	300.08	300.08
DISCCART	374323.00	4116147.00	290.40	290.40
DISCCART	374323.00	4115147.00	278.03	278.03
DISCCART	374323.00	4114147.00	276.17	292.46
DISCCART	374323.00	4113147.00	299.94	299.94
DISCCART	374323.00	4112147.00	308.40	308.40
DISCCART	374323.00	4111147.00	310.92	310.92
DISCCART	374323.00	4110147.00	305.57	305.57
DISCCART	374323.00	4109147.00	313.01	313.01
DISCCART	374323.00	4108147.00	314.42	314.42
DISCCART	374323.00	4107147.00	319.32	319.32
DISCCART	374323.00	4106147.00	327.80	327.80
DISCCART	374323.00	4105147.00	329.21	329.21
DISCCART	374323.00	4104147.00	324.99	324.99
DISCCART	374323.00	4103147.00	323.59	323.59
DISCCART	374323.00	4102147.00	333.12	333.12
DISCCART	374323.00	4101147.00	344.59	344.59
DISCCART	374323.00	4100147.00	354.32	354.32
DISCCART	374323.00	4099147.00	356.41	356.41
DISCCART	374323.00	4098147.00	337.96	343.72
DISCCART	374323.00	4097147.00	344.67	344.67
DISCCART	374323.00	4096147.00	327.63	338.72
DISCCART	374323.00	4095147.00	318.27	328.31
DISCCART	374323.00	4094147.00	310.28	310.28
DISCCART	374323.00	4093147.00	299.28	300.80
DISCCART	374323.00	4092147.00	286.62	327.70
DISCCART	374323.00	4091147.00	311.08	311.08
DISCCART	374323.00	4090147.00	297.58	333.48
DISCCART	374323.00	4089147.00	336.33	336.33
DISCCART	374323.00	4088147.00	346.52	346.52
DISCCART	374323.00	4087147.00	343.13	343.13
DISCCART	374323.00	4086147.00	344.80	344.80
DISCCART	375323.00	4146147.00	296.29	296.29
DISCCART	375323.00	4145147.00	295.88	295.88
DISCCART	375323.00	4144147.00	293.33	293.33
DISCCART	375323.00	4143147.00	298.13	298.13
DISCCART	375323.00	4142147.00	302.58	302.58
DISCCART	375323.00	4141147.00	299.58	299.58
DISCCART	375323.00	4140147.00	296.34	296.34
DISCCART	375323.00	4139147.00	302.25	302.25
DISCCART	375323.00	4138147.00	300.80	300.80
DISCCART	375323.00	4137147.00	302.97	302.97
DISCCART	375323.00	4136147.00	301.56	301.56
DISCCART	375323.00	4135147.00	293.49	293.49
DISCCART	375323.00	4134147.00	304.43	304.43

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	375323.00	4133147.00	305.42	305.42
DISCCART	375323.00	4132147.00	301.81	301.81
DISCCART	375323.00	4131147.00	280.11	280.11
DISCCART	375323.00	4130147.00	277.37	277.37
DISCCART	375323.00	4129147.00	276.81	276.81
DISCCART	375323.00	4128147.00	279.16	279.16
DISCCART	375323.00	4127147.00	265.31	265.31
DISCCART	375323.00	4126147.00	278.80	278.80
DISCCART	375323.00	4125147.00	274.05	274.05
DISCCART	375323.00	4124147.00	271.35	271.35
DISCCART	375323.00	4123147.00	281.18	281.18
DISCCART	375323.00	4122147.00	294.44	294.44
DISCCART	375323.00	4121147.00	296.13	300.75
DISCCART	375323.00	4120147.00	274.40	274.40
DISCCART	375323.00	4119147.00	284.79	284.79
DISCCART	375323.00	4118147.00	299.96	299.96
DISCCART	375323.00	4117147.00	296.91	296.91
DISCCART	375323.00	4116147.00	303.87	303.87
DISCCART	375323.00	4115147.00	286.90	286.90
DISCCART	375323.00	4114147.00	280.36	280.36
DISCCART	375323.00	4113147.00	297.59	297.59
DISCCART	375323.00	4112147.00	307.13	307.13
DISCCART	375323.00	4111147.00	322.32	322.32
DISCCART	375323.00	4110147.00	322.29	322.29
DISCCART	375323.00	4109147.00	315.01	315.01
DISCCART	375323.00	4108147.00	318.10	318.10
DISCCART	375323.00	4107147.00	326.39	326.39
DISCCART	375323.00	4106147.00	316.26	316.26
DISCCART	375323.00	4105147.00	326.22	326.22
DISCCART	375323.00	4104147.00	323.39	323.39
DISCCART	375323.00	4103147.00	329.97	329.97
DISCCART	375323.00	4102147.00	336.15	336.15
DISCCART	375323.00	4101147.00	340.88	340.88
DISCCART	375323.00	4100147.00	342.33	342.33
DISCCART	375323.00	4099147.00	352.57	352.57
DISCCART	375323.00	4098147.00	356.22	356.22
DISCCART	375323.00	4097147.00	351.45	351.45
DISCCART	375323.00	4096147.00	341.68	341.68
DISCCART	375323.00	4095147.00	335.80	335.80
DISCCART	375323.00	4094147.00	327.05	327.05
DISCCART	375323.00	4093147.00	293.57	293.57
DISCCART	375323.00	4092147.00	323.81	323.81
DISCCART	375323.00	4091147.00	290.75	290.75
DISCCART	375323.00	4090147.00	290.36	290.36
DISCCART	375323.00	4089147.00	323.12	341.85
DISCCART	375323.00	4088147.00	343.88	343.88
DISCCART	375323.00	4087147.00	347.63	347.63
DISCCART	375323.00	4086147.00	316.47	346.24
DISCCART	376323.00	4146147.00	290.38	290.38
DISCCART	376323.00	4145147.00	296.84	296.84
DISCCART	376323.00	4144147.00	297.16	297.16
DISCCART	376323.00	4143147.00	304.94	304.94
DISCCART	376323.00	4142147.00	302.90	302.90
DISCCART	376323.00	4141147.00	304.86	304.86
DISCCART	376323.00	4140147.00	304.45	304.45
DISCCART	376323.00	4139147.00	303.73	303.73
DISCCART	376323.00	4138147.00	308.17	308.17
DISCCART	376323.00	4137147.00	306.01	306.01
DISCCART	376323.00	4136147.00	301.43	301.43
DISCCART	376323.00	4135147.00	299.84	299.84
DISCCART	376323.00	4134147.00	295.58	295.58
DISCCART	376323.00	4133147.00	290.04	290.04
DISCCART	376323.00	4132147.00	284.32	284.32
DISCCART	376323.00	4131147.00	281.13	281.13
DISCCART	376323.00	4130147.00	280.91	280.91
DISCCART	376323.00	4129147.00	275.27	275.27
DISCCART	376323.00	4128147.00	271.38	271.38
DISCCART	376323.00	4127147.00	268.31	268.31
DISCCART	376323.00	4126147.00	278.90	278.90
DISCCART	376323.00	4125147.00	288.22	288.22

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	376323.00	4124147.00	275.03	275.03
DISCCART	376323.00	4123147.00	288.28	288.28
DISCCART	376323.00	4122147.00	292.54	292.54
DISCCART	376323.00	4121147.00	299.03	299.03
DISCCART	376323.00	4120147.00	288.66	288.66
DISCCART	376323.00	4119147.00	279.00	279.00
DISCCART	376323.00	4118147.00	290.75	290.75
DISCCART	376323.00	4117147.00	307.26	307.26
DISCCART	376323.00	4116147.00	308.81	308.81
DISCCART	376323.00	4115147.00	298.86	298.86
DISCCART	376323.00	4114147.00	303.04	303.04
DISCCART	376323.00	4113147.00	279.03	279.03
DISCCART	376323.00	4112147.00	301.74	301.74
DISCCART	376323.00	4111147.00	298.67	301.66
DISCCART	376323.00	4110147.00	317.76	317.76
DISCCART	376323.00	4109147.00	311.15	311.15
DISCCART	376323.00	4108147.00	317.86	317.86
DISCCART	376323.00	4107147.00	320.14	320.14
DISCCART	376323.00	4106147.00	308.82	320.68
DISCCART	376323.00	4105147.00	312.58	312.58
DISCCART	376323.00	4104147.00	324.96	324.96
DISCCART	376323.00	4103147.00	322.85	322.85
DISCCART	376323.00	4102147.00	326.05	326.05
DISCCART	376323.00	4101147.00	330.52	330.52
DISCCART	376323.00	4100147.00	340.48	340.48
DISCCART	376323.00	4099147.00	348.58	348.58
DISCCART	376323.00	4098147.00	353.69	353.69
DISCCART	376323.00	4097147.00	347.49	350.83
DISCCART	376323.00	4096147.00	342.06	342.06
DISCCART	376323.00	4095147.00	323.90	323.90
DISCCART	376323.00	4094147.00	324.35	325.56
DISCCART	376323.00	4093147.00	300.26	329.82
DISCCART	376323.00	4092147.00	326.96	326.96
DISCCART	376323.00	4091147.00	297.42	297.42
DISCCART	376323.00	4090147.00	289.66	334.77
DISCCART	376323.00	4089147.00	289.72	335.60
DISCCART	376323.00	4088147.00	331.57	331.57
DISCCART	376323.00	4087147.00	330.08	330.08
DISCCART	376323.00	4086147.00	295.82	295.82
DISCCART	377323.00	4146147.00	285.89	285.89
DISCCART	377323.00	4145147.00	295.58	295.58
DISCCART	377323.00	4144147.00	297.96	297.96
DISCCART	377323.00	4143147.00	300.59	300.59
DISCCART	377323.00	4142147.00	304.29	304.29
DISCCART	377323.00	4141147.00	305.31	305.31
DISCCART	377323.00	4140147.00	300.43	300.43
DISCCART	377323.00	4139147.00	296.01	296.01
DISCCART	377323.00	4138147.00	296.45	296.45
DISCCART	377323.00	4137147.00	294.16	294.16
DISCCART	377323.00	4136147.00	304.19	304.19
DISCCART	377323.00	4135147.00	303.18	303.18
DISCCART	377323.00	4134147.00	292.82	292.82
DISCCART	377323.00	4133147.00	289.20	289.20
DISCCART	377323.00	4132147.00	286.68	286.68
DISCCART	377323.00	4131147.00	283.83	283.83
DISCCART	377323.00	4130147.00	285.91	285.91
DISCCART	377323.00	4129147.00	281.08	281.08
DISCCART	377323.00	4128147.00	270.62	270.62
DISCCART	377323.00	4127147.00	276.48	276.48
DISCCART	377323.00	4126147.00	285.73	285.73
DISCCART	377323.00	4125147.00	294.73	294.73
DISCCART	377323.00	4124147.00	280.55	280.55
DISCCART	377323.00	4123147.00	286.13	286.13
DISCCART	377323.00	4122147.00	287.21	287.21
DISCCART	377323.00	4121147.00	292.70	292.70
DISCCART	377323.00	4120147.00	299.26	299.26
DISCCART	377323.00	4119147.00	278.57	278.57
DISCCART	377323.00	4118147.00	282.97	288.41
DISCCART	377323.00	4117147.00	289.56	289.56
DISCCART	377323.00	4116147.00	301.53	301.53

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	377323.00	4115147.00	306.79	306.79
DISCCART	377323.00	4114147.00	292.02	292.02
DISCCART	377323.00	4113147.00	301.48	301.48
DISCCART	377323.00	4112147.00	280.50	280.50
DISCCART	377323.00	4111147.00	282.34	282.34
DISCCART	377323.00	4110147.00	283.60	283.60
DISCCART	377323.00	4109147.00	284.84	284.84
DISCCART	377323.00	4108147.00	303.64	307.45
DISCCART	377323.00	4107147.00	311.48	317.28
DISCCART	377323.00	4106147.00	296.31	317.87
DISCCART	377323.00	4105147.00	306.98	306.98
DISCCART	377323.00	4104147.00	317.52	317.52
DISCCART	377323.00	4103147.00	329.76	329.76
DISCCART	377323.00	4102147.00	329.71	329.71
DISCCART	377323.00	4101147.00	338.37	338.37
DISCCART	377323.00	4100147.00	347.65	347.65
DISCCART	377323.00	4099147.00	356.06	356.06
DISCCART	377323.00	4098147.00	363.08	363.08
DISCCART	377323.00	4097147.00	354.29	354.29
DISCCART	377323.00	4096147.00	344.49	344.49
DISCCART	377323.00	4095147.00	329.92	329.92
DISCCART	377323.00	4094147.00	324.10	324.10
DISCCART	377323.00	4093147.00	311.52	311.52
DISCCART	377323.00	4092147.00	323.55	333.30
DISCCART	377323.00	4091147.00	316.73	327.89
DISCCART	377323.00	4090147.00	324.01	324.01
DISCCART	377323.00	4089147.00	325.82	325.82
DISCCART	377323.00	4088147.00	294.83	338.69
DISCCART	377323.00	4087147.00	296.60	338.73
DISCCART	377323.00	4086147.00	324.12	336.34
DISCCART	378323.00	4146147.00	284.99	284.99
DISCCART	378323.00	4145147.00	291.89	291.89
DISCCART	378323.00	4144147.00	297.41	297.41
DISCCART	378323.00	4143147.00	300.79	300.79
DISCCART	378323.00	4142147.00	306.67	306.67
DISCCART	378323.00	4141147.00	304.24	304.24
DISCCART	378323.00	4140147.00	299.99	299.99
DISCCART	378323.00	4139147.00	298.15	298.15
DISCCART	378323.00	4138147.00	286.45	286.45
DISCCART	378323.00	4137147.00	289.14	289.14
DISCCART	378323.00	4136147.00	302.21	302.21
DISCCART	378323.00	4135147.00	291.72	291.72
DISCCART	378323.00	4134147.00	284.77	284.77
DISCCART	378323.00	4133147.00	291.50	291.50
DISCCART	378323.00	4132147.00	287.53	287.53
DISCCART	378323.00	4131147.00	277.55	277.55
DISCCART	378323.00	4130147.00	286.62	286.62
DISCCART	378323.00	4129147.00	283.72	283.72
DISCCART	378323.00	4128147.00	273.11	273.11
DISCCART	378323.00	4127147.00	283.66	283.66
DISCCART	378323.00	4126147.00	284.92	284.92
DISCCART	378323.00	4125147.00	289.77	289.77
DISCCART	378323.00	4124147.00	283.52	283.52
DISCCART	378323.00	4123147.00	282.15	282.15
DISCCART	378323.00	4122147.00	282.95	282.95
DISCCART	378323.00	4121147.00	295.65	295.65
DISCCART	378323.00	4120147.00	301.43	301.43
DISCCART	378323.00	4119147.00	293.39	301.08
DISCCART	378323.00	4118147.00	278.14	278.14
DISCCART	378323.00	4117147.00	284.07	284.07
DISCCART	378323.00	4116147.00	303.42	303.42
DISCCART	378323.00	4115147.00	313.53	313.53
DISCCART	378323.00	4114147.00	309.42	309.42
DISCCART	378323.00	4113147.00	297.44	297.44
DISCCART	378323.00	4112147.00	301.22	301.22
DISCCART	378323.00	4111147.00	300.01	300.01
DISCCART	378323.00	4110147.00	310.42	310.42
DISCCART	378323.00	4109147.00	284.52	284.52
DISCCART	378323.00	4108147.00	312.11	312.11
DISCCART	378323.00	4107147.00	319.96	320.30

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	378323.00	4106147.00	310.53	317.81
DISCCART	378323.00	4105147.00	319.88	319.88
DISCCART	378323.00	4104147.00	319.47	319.47
DISCCART	378323.00	4103147.00	321.94	321.94
DISCCART	378323.00	4102147.00	327.54	327.54
DISCCART	378323.00	4101147.00	336.02	336.02
DISCCART	378323.00	4100147.00	344.93	344.93
DISCCART	378323.00	4099147.00	347.33	347.33
DISCCART	378323.00	4098147.00	354.55	354.55
DISCCART	378323.00	4097147.00	350.83	350.83
DISCCART	378323.00	4096147.00	341.51	341.51
DISCCART	378323.00	4095147.00	329.02	329.02
DISCCART	378323.00	4094147.00	322.47	322.47
DISCCART	378323.00	4093147.00	328.47	328.47
DISCCART	378323.00	4092147.00	315.46	315.46
DISCCART	378323.00	4091147.00	306.95	330.51
DISCCART	378323.00	4090147.00	336.97	336.97
DISCCART	378323.00	4089147.00	338.70	338.70
DISCCART	378323.00	4088147.00	336.15	336.15
DISCCART	378323.00	4087147.00	316.18	345.25
DISCCART	378323.00	4086147.00	335.14	346.49
DISCCART	379323.00	4146147.00	288.41	288.41
DISCCART	379323.00	4145147.00	294.20	294.20
DISCCART	379323.00	4144147.00	289.53	289.53
DISCCART	379323.00	4143147.00	301.90	301.90
DISCCART	379323.00	4142147.00	305.69	305.69
DISCCART	379323.00	4141147.00	302.42	302.42
DISCCART	379323.00	4140147.00	291.09	291.09
DISCCART	379323.00	4139147.00	287.27	287.27
DISCCART	379323.00	4138147.00	289.75	289.75
DISCCART	379323.00	4137147.00	288.93	288.93
DISCCART	379323.00	4136147.00	292.63	292.63
DISCCART	379323.00	4135147.00	287.41	287.41
DISCCART	379323.00	4134147.00	282.18	282.18
DISCCART	379323.00	4133147.00	284.75	284.75
DISCCART	379323.00	4132147.00	284.07	284.07
DISCCART	379323.00	4131147.00	276.35	276.35
DISCCART	379323.00	4130147.00	272.89	272.89
DISCCART	379323.00	4129147.00	275.15	275.15
DISCCART	379323.00	4128147.00	271.44	271.44
DISCCART	379323.00	4127147.00	280.57	280.57
DISCCART	379323.00	4126147.00	287.67	287.67
DISCCART	379323.00	4125147.00	295.98	295.98
DISCCART	379323.00	4124147.00	286.72	286.72
DISCCART	379323.00	4123147.00	288.27	288.27
DISCCART	379323.00	4122147.00	285.57	285.57
DISCCART	379323.00	4121147.00	288.35	288.35
DISCCART	379323.00	4120147.00	295.81	295.81
DISCCART	379323.00	4119147.00	295.25	295.25
DISCCART	379323.00	4118147.00	283.37	283.37
DISCCART	379323.00	4117147.00	280.91	280.91
DISCCART	379323.00	4116147.00	296.90	296.90
DISCCART	379323.00	4115147.00	305.98	305.98
DISCCART	379323.00	4114147.00	316.77	316.77
DISCCART	379323.00	4113147.00	305.68	305.68
DISCCART	379323.00	4112147.00	311.35	311.35
DISCCART	379323.00	4111147.00	315.60	315.60
DISCCART	379323.00	4110147.00	315.22	315.22
DISCCART	379323.00	4109147.00	292.39	315.43
DISCCART	379323.00	4108147.00	287.65	287.65
DISCCART	379323.00	4107147.00	321.05	324.26
DISCCART	379323.00	4106147.00	324.97	324.97
DISCCART	379323.00	4105147.00	328.99	328.99
DISCCART	379323.00	4104147.00	326.71	326.71
DISCCART	379323.00	4103147.00	324.46	324.46
DISCCART	379323.00	4102147.00	325.63	325.63
DISCCART	379323.00	4101147.00	336.22	336.22
DISCCART	379323.00	4100147.00	329.63	329.63
DISCCART	379323.00	4099147.00	334.61	334.61
DISCCART	379323.00	4098147.00	345.77	345.77

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	379323.00	4097147.00	344.88	344.88
DISCCART	379323.00	4096147.00	342.41	342.41
DISCCART	379323.00	4095147.00	326.68	326.68
DISCCART	379323.00	4094147.00	323.95	323.95
DISCCART	379323.00	4093147.00	328.82	328.82
DISCCART	379323.00	4092147.00	308.48	330.19
DISCCART	379323.00	4091147.00	338.63	338.63
DISCCART	379323.00	4090147.00	340.19	341.79
DISCCART	379323.00	4089147.00	319.95	338.77
DISCCART	379323.00	4088147.00	341.37	341.37
DISCCART	379323.00	4087147.00	336.22	341.96
DISCCART	379323.00	4086147.00	347.16	347.16
DISCCART	380323.00	4146147.00	287.39	287.39
DISCCART	380323.00	4145147.00	288.08	288.08
DISCCART	380323.00	4144147.00	297.95	297.95
DISCCART	380323.00	4143147.00	298.85	298.85
DISCCART	380323.00	4142147.00	300.70	300.70
DISCCART	380323.00	4141147.00	307.71	307.71
DISCCART	380323.00	4140147.00	295.28	295.28
DISCCART	380323.00	4139147.00	288.69	288.69
DISCCART	380323.00	4138147.00	283.59	283.59
DISCCART	380323.00	4137147.00	283.81	283.81
DISCCART	380323.00	4136147.00	289.10	289.10
DISCCART	380323.00	4135147.00	284.21	284.21
DISCCART	380323.00	4134147.00	286.30	286.30
DISCCART	380323.00	4133147.00	278.17	278.17
DISCCART	380323.00	4132147.00	276.31	276.31
DISCCART	380323.00	4131147.00	277.28	277.28
DISCCART	380323.00	4130147.00	277.90	277.90
DISCCART	380323.00	4129147.00	280.39	280.39
DISCCART	380323.00	4128147.00	276.06	276.06
DISCCART	380323.00	4127147.00	279.59	279.59
DISCCART	380323.00	4126147.00	290.75	290.75
DISCCART	380323.00	4125147.00	294.76	294.76
DISCCART	380323.00	4124147.00	297.17	297.17
DISCCART	380323.00	4123147.00	288.48	288.48
DISCCART	380323.00	4122147.00	285.45	285.45
DISCCART	380323.00	4121147.00	287.30	287.30
DISCCART	380323.00	4120147.00	298.64	298.64
DISCCART	380323.00	4119147.00	307.94	307.94
DISCCART	380323.00	4118147.00	290.27	290.27
DISCCART	380323.00	4117147.00	284.50	284.50
DISCCART	380323.00	4116147.00	292.89	292.89
DISCCART	380323.00	4115147.00	294.64	294.64
DISCCART	380323.00	4114147.00	318.45	318.45
DISCCART	380323.00	4113147.00	313.08	313.08
DISCCART	380323.00	4112147.00	314.60	314.60
DISCCART	380323.00	4111147.00	323.06	323.06
DISCCART	380323.00	4110147.00	321.00	321.00
DISCCART	380323.00	4109147.00	317.34	317.34
DISCCART	380323.00	4108147.00	300.70	304.54
DISCCART	380323.00	4107147.00	300.64	300.64
DISCCART	380323.00	4106147.00	325.13	326.53
DISCCART	380323.00	4105147.00	331.94	331.94
DISCCART	380323.00	4104147.00	333.43	333.43
DISCCART	380323.00	4103147.00	326.94	326.94
DISCCART	380323.00	4102147.00	329.08	329.08
DISCCART	380323.00	4101147.00	338.15	338.15
DISCCART	380323.00	4100147.00	341.35	341.35
DISCCART	380323.00	4099147.00	343.98	343.98
DISCCART	380323.00	4098147.00	350.68	350.68
DISCCART	380323.00	4097147.00	348.00	348.00
DISCCART	380323.00	4096147.00	349.07	349.07
DISCCART	380323.00	4095147.00	332.04	332.04
DISCCART	380323.00	4094147.00	333.97	333.97
DISCCART	380323.00	4093147.00	319.14	319.14
DISCCART	380323.00	4092147.00	318.43	318.43
DISCCART	380323.00	4091147.00	342.27	342.27
DISCCART	380323.00	4090147.00	329.90	329.90
DISCCART	380323.00	4089147.00	348.24	348.24



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	380323.00	4088147.00	338.06	338.06
DISCCART	380323.00	4087147.00	304.77	351.19
DISCCART	380323.00	4086147.00	310.21	310.21
DISCCART	381323.00	4146147.00	286.67	286.67
DISCCART	381323.00	4145147.00	296.41	296.41
DISCCART	381323.00	4144147.00	298.39	298.39
DISCCART	381323.00	4143147.00	289.53	289.53
DISCCART	381323.00	4142147.00	293.83	293.83
DISCCART	381323.00	4141147.00	298.28	298.28
DISCCART	381323.00	4140147.00	295.89	295.89
DISCCART	381323.00	4139147.00	281.59	281.59
DISCCART	381323.00	4138147.00	287.59	287.59
DISCCART	381323.00	4137147.00	281.60	281.60
DISCCART	381323.00	4136147.00	280.51	280.51
DISCCART	381323.00	4135147.00	287.21	287.21
DISCCART	381323.00	4134147.00	278.84	278.84
DISCCART	381323.00	4133147.00	274.18	277.30
DISCCART	381323.00	4132147.00	271.41	271.41
DISCCART	381323.00	4131147.00	288.58	288.58
DISCCART	381323.00	4130147.00	287.34	287.34
DISCCART	381323.00	4129147.00	286.95	286.95
DISCCART	381323.00	4128147.00	281.33	281.33
DISCCART	381323.00	4127147.00	274.51	274.51
DISCCART	381323.00	4126147.00	280.70	280.70
DISCCART	381323.00	4125147.00	286.63	286.63
DISCCART	381323.00	4124147.00	299.85	299.85
DISCCART	381323.00	4123147.00	297.19	297.19
DISCCART	381323.00	4122147.00	287.20	287.20
DISCCART	381323.00	4121147.00	294.89	294.89
DISCCART	381323.00	4120147.00	306.47	306.47
DISCCART	381323.00	4119147.00	307.80	307.80
DISCCART	381323.00	4118147.00	305.96	305.96
DISCCART	381323.00	4117147.00	286.21	286.21
DISCCART	381323.00	4116147.00	282.40	282.40
DISCCART	381323.00	4115147.00	307.83	307.83
DISCCART	381323.00	4114147.00	301.18	301.18
DISCCART	381323.00	4113147.00	320.24	320.24
DISCCART	381323.00	4112147.00	315.73	315.73
DISCCART	381323.00	4111147.00	320.18	320.18
DISCCART	381323.00	4110147.00	313.74	313.74
DISCCART	381323.00	4109147.00	304.42	304.42
DISCCART	381323.00	4108147.00	289.77	289.77
DISCCART	381323.00	4107147.00	290.10	315.01
DISCCART	381323.00	4106147.00	317.02	317.12
DISCCART	381323.00	4105147.00	326.32	326.32
DISCCART	381323.00	4104147.00	340.00	340.00
DISCCART	381323.00	4103147.00	344.64	344.64
DISCCART	381323.00	4102147.00	335.80	335.80
DISCCART	381323.00	4101147.00	344.31	344.31
DISCCART	381323.00	4100147.00	348.95	348.95
DISCCART	381323.00	4099147.00	344.45	344.45
DISCCART	381323.00	4098147.00	351.81	351.81
DISCCART	381323.00	4097147.00	350.42	350.42
DISCCART	381323.00	4096147.00	353.33	353.33
DISCCART	381323.00	4095147.00	338.54	338.54
DISCCART	381323.00	4094147.00	330.55	330.55
DISCCART	381323.00	4093147.00	336.64	336.64
DISCCART	381323.00	4092147.00	333.14	333.14
DISCCART	381323.00	4091147.00	344.72	344.72
DISCCART	381323.00	4090147.00	346.84	346.84
DISCCART	381323.00	4089147.00	351.21	351.21
DISCCART	381323.00	4088147.00	331.25	355.42
DISCCART	381323.00	4087147.00	304.37	354.76
DISCCART	381323.00	4086147.00	332.47	345.17
DISCCART	382323.00	4146147.00	289.95	289.95
DISCCART	382323.00	4145147.00	280.87	280.87
DISCCART	382323.00	4144147.00	288.17	288.17
DISCCART	382323.00	4143147.00	284.84	284.84
DISCCART	382323.00	4142147.00	295.26	295.26
DISCCART	382323.00	4141147.00	291.82	291.82

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	382323.00	4140147.00	284.79	284.79
DISCCART	382323.00	4139147.00	279.03	279.03
DISCCART	382323.00	4138147.00	282.05	282.05
DISCCART	382323.00	4137147.00	287.94	287.94
DISCCART	382323.00	4136147.00	279.93	279.93
DISCCART	382323.00	4135147.00	279.83	279.83
DISCCART	382323.00	4134147.00	276.44	276.44
DISCCART	382323.00	4133147.00	285.34	285.34
DISCCART	382323.00	4132147.00	272.01	272.01
DISCCART	382323.00	4131147.00	291.03	291.03
DISCCART	382323.00	4130147.00	296.29	296.29
DISCCART	382323.00	4129147.00	293.30	293.30
DISCCART	382323.00	4128147.00	288.37	288.37
DISCCART	382323.00	4127147.00	282.90	282.90
DISCCART	382323.00	4126147.00	278.78	278.78
DISCCART	382323.00	4125147.00	282.56	282.56
DISCCART	382323.00	4124147.00	290.72	290.72
DISCCART	382323.00	4123147.00	301.99	301.99
DISCCART	382323.00	4122147.00	291.75	291.75
DISCCART	382323.00	4121147.00	302.29	302.29
DISCCART	382323.00	4120147.00	303.61	303.61
DISCCART	382323.00	4119147.00	309.09	309.09
DISCCART	382323.00	4118147.00	307.30	307.30
DISCCART	382323.00	4117147.00	302.11	306.12
DISCCART	382323.00	4116147.00	285.50	285.50
DISCCART	382323.00	4115147.00	293.24	293.24
DISCCART	382323.00	4114147.00	306.60	306.60
DISCCART	382323.00	4113147.00	319.97	319.97
DISCCART	382323.00	4112147.00	320.83	320.83
DISCCART	382323.00	4111147.00	322.69	322.69
DISCCART	382323.00	4110147.00	317.61	317.61
DISCCART	382323.00	4109147.00	308.22	308.22
DISCCART	382323.00	4108147.00	306.15	306.15
DISCCART	382323.00	4107147.00	289.71	318.19
DISCCART	382323.00	4106147.00	305.79	318.09
DISCCART	382323.00	4105147.00	321.77	321.77
DISCCART	382323.00	4104147.00	334.94	334.94
DISCCART	382323.00	4103147.00	342.11	342.11
DISCCART	382323.00	4102147.00	346.97	346.97
DISCCART	382323.00	4101147.00	349.49	349.49
DISCCART	382323.00	4100147.00	360.62	360.62
DISCCART	382323.00	4099147.00	351.66	351.66
DISCCART	382323.00	4098147.00	354.41	354.41
DISCCART	382323.00	4097147.00	353.31	353.31
DISCCART	382323.00	4096147.00	358.29	358.29
DISCCART	382323.00	4095147.00	346.12	346.12
DISCCART	382323.00	4094147.00	342.84	342.84
DISCCART	382323.00	4093147.00	338.44	338.44
DISCCART	382323.00	4092147.00	338.39	338.39
DISCCART	382323.00	4091147.00	345.53	345.53
DISCCART	382323.00	4090147.00	352.43	352.43
DISCCART	382323.00	4089147.00	350.13	359.93
DISCCART	382323.00	4088147.00	338.19	349.30
DISCCART	382323.00	4087147.00	308.24	357.24
DISCCART	382323.00	4086147.00	351.47	352.24
DISCCART	383323.00	4146147.00	286.64	286.64
DISCCART	383323.00	4145147.00	283.62	283.62
DISCCART	383323.00	4144147.00	281.26	281.26
DISCCART	383323.00	4143147.00	283.17	283.17
DISCCART	383323.00	4142147.00	307.29	307.29
DISCCART	383323.00	4141147.00	289.90	289.90
DISCCART	383323.00	4140147.00	282.88	282.88
DISCCART	383323.00	4139147.00	274.35	278.95
DISCCART	383323.00	4138147.00	277.33	277.33
DISCCART	383323.00	4137147.00	276.74	276.74
DISCCART	383323.00	4136147.00	278.94	278.94
DISCCART	383323.00	4135147.00	278.12	278.12
DISCCART	383323.00	4134147.00	280.19	280.19
DISCCART	383323.00	4133147.00	288.39	288.39
DISCCART	383323.00	4132147.00	281.18	281.18

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	383323.00	4131147.00	290.33	290.33
DISCCART	383323.00	4130147.00	297.91	297.91
DISCCART	383323.00	4129147.00	295.69	295.69
DISCCART	383323.00	4128147.00	285.47	285.47
DISCCART	383323.00	4127147.00	283.83	283.83
DISCCART	383323.00	4126147.00	283.30	283.30
DISCCART	383323.00	4125147.00	274.38	277.72
DISCCART	383323.00	4124147.00	294.36	294.36
DISCCART	383323.00	4123147.00	301.67	301.67
DISCCART	383323.00	4122147.00	292.22	292.22
DISCCART	383323.00	4121147.00	305.32	305.32
DISCCART	383323.00	4120147.00	303.45	303.45
DISCCART	383323.00	4119147.00	311.77	311.77
DISCCART	383323.00	4118147.00	306.33	306.33
DISCCART	383323.00	4117147.00	293.13	304.79
DISCCART	383323.00	4116147.00	301.95	301.95
DISCCART	383323.00	4115147.00	301.79	301.79
DISCCART	383323.00	4114147.00	313.77	313.77
DISCCART	383323.00	4113147.00	320.20	320.20
DISCCART	383323.00	4112147.00	326.10	326.10
DISCCART	383323.00	4111147.00	327.28	327.28
DISCCART	383323.00	4110147.00	320.06	320.06
DISCCART	383323.00	4109147.00	310.73	310.73
DISCCART	383323.00	4108147.00	311.40	311.40
DISCCART	383323.00	4107147.00	294.39	294.39
DISCCART	383323.00	4106147.00	322.65	322.65
DISCCART	383323.00	4105147.00	332.04	334.26
DISCCART	383323.00	4104147.00	338.01	338.01
DISCCART	383323.00	4103147.00	341.48	341.48
DISCCART	383323.00	4102147.00	346.22	346.22
DISCCART	383323.00	4101147.00	350.73	350.73
DISCCART	383323.00	4100147.00	353.51	353.51
DISCCART	383323.00	4099147.00	359.12	359.12
DISCCART	383323.00	4098147.00	355.35	355.35
DISCCART	383323.00	4097147.00	359.65	359.65
DISCCART	383323.00	4096147.00	360.16	360.16
DISCCART	383323.00	4095147.00	356.95	356.95
DISCCART	383323.00	4094147.00	351.35	351.35
DISCCART	383323.00	4093147.00	339.86	339.86
DISCCART	383323.00	4092147.00	342.85	342.85
DISCCART	383323.00	4091147.00	351.11	351.11
DISCCART	383323.00	4090147.00	346.03	346.03
DISCCART	383323.00	4089147.00	340.12	341.31
DISCCART	383323.00	4088147.00	311.77	330.61
DISCCART	383323.00	4087147.00	314.58	345.59
DISCCART	383323.00	4086147.00	336.53	357.47
DISCCART	384323.00	4146147.00	298.45	298.45
DISCCART	384323.00	4145147.00	289.23	289.23
DISCCART	384323.00	4144147.00	282.33	282.33
DISCCART	384323.00	4143147.00	280.30	280.30
DISCCART	384323.00	4142147.00	275.27	275.27
DISCCART	384323.00	4141147.00	274.57	274.57
DISCCART	384323.00	4140147.00	275.28	277.79
DISCCART	384323.00	4139147.00	278.11	278.11
DISCCART	384323.00	4138147.00	283.79	283.79
DISCCART	384323.00	4137147.00	278.20	278.20
DISCCART	384323.00	4136147.00	278.84	278.84
DISCCART	384323.00	4135147.00	275.43	275.43
DISCCART	384323.00	4134147.00	283.36	283.36
DISCCART	384323.00	4133147.00	290.62	290.62
DISCCART	384323.00	4132147.00	286.97	286.97
DISCCART	384323.00	4131147.00	286.61	286.61
DISCCART	384323.00	4130147.00	297.65	297.65
DISCCART	384323.00	4129147.00	298.55	298.55
DISCCART	384323.00	4128147.00	296.89	296.89
DISCCART	384323.00	4127147.00	288.60	288.60
DISCCART	384323.00	4126147.00	289.53	289.53
DISCCART	384323.00	4125147.00	282.45	282.45
DISCCART	384323.00	4124147.00	285.64	285.64
DISCCART	384323.00	4123147.00	291.81	291.81

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	384323.00	4122147.00	298.64	298.64
DISCCART	384323.00	4121147.00	295.83	295.83
DISCCART	384323.00	4120147.00	306.41	306.41
DISCCART	384323.00	4119147.00	313.70	313.70
DISCCART	384323.00	4118147.00	305.65	305.65
DISCCART	384323.00	4117147.00	297.90	297.90
DISCCART	384323.00	4116147.00	286.54	286.54
DISCCART	384323.00	4115147.00	292.68	292.68
DISCCART	384323.00	4114147.00	304.40	304.40
DISCCART	384323.00	4113147.00	320.13	320.13
DISCCART	384323.00	4112147.00	319.97	319.97
DISCCART	384323.00	4111147.00	320.12	320.12
DISCCART	384323.00	4110147.00	317.65	317.65
DISCCART	384323.00	4109147.00	308.91	308.91
DISCCART	384323.00	4108147.00	292.71	310.55
DISCCART	384323.00	4107147.00	321.64	321.64
DISCCART	384323.00	4106147.00	300.64	320.54
DISCCART	384323.00	4105147.00	323.56	323.56
DISCCART	384323.00	4104147.00	338.71	338.71
DISCCART	384323.00	4103147.00	337.96	337.96
DISCCART	384323.00	4102147.00	344.95	344.95
DISCCART	384323.00	4101147.00	348.63	348.63
DISCCART	384323.00	4100147.00	345.33	345.33
DISCCART	384323.00	4099147.00	352.90	352.90
DISCCART	384323.00	4098147.00	347.25	347.25
DISCCART	384323.00	4097147.00	353.73	353.73
DISCCART	384323.00	4096147.00	364.77	364.77
DISCCART	384323.00	4095147.00	366.94	366.94
DISCCART	384323.00	4094147.00	356.01	356.01
DISCCART	384323.00	4093147.00	347.32	347.32
DISCCART	384323.00	4092147.00	349.12	349.12
DISCCART	384323.00	4091147.00	344.00	344.00
DISCCART	384323.00	4090147.00	329.11	348.51
DISCCART	384323.00	4089147.00	312.38	312.38
DISCCART	384323.00	4088147.00	311.69	350.83
DISCCART	384323.00	4087147.00	319.79	319.79
DISCCART	384323.00	4086147.00	351.26	351.26
DISCCART	385323.00	4146147.00	296.30	296.30
DISCCART	385323.00	4145147.00	295.55	295.55
DISCCART	385323.00	4144147.00	293.96	294.81
DISCCART	385323.00	4143147.00	280.36	280.36
DISCCART	385323.00	4142147.00	280.64	280.64
DISCCART	385323.00	4141147.00	282.00	282.00
DISCCART	385323.00	4140147.00	282.73	282.73
DISCCART	385323.00	4139147.00	279.84	279.84
DISCCART	385323.00	4138147.00	287.74	287.74
DISCCART	385323.00	4137147.00	286.22	286.22
DISCCART	385323.00	4136147.00	285.51	285.51
DISCCART	385323.00	4135147.00	277.00	277.00
DISCCART	385323.00	4134147.00	284.32	284.32
DISCCART	385323.00	4133147.00	291.12	291.12
DISCCART	385323.00	4132147.00	291.67	291.67
DISCCART	385323.00	4131147.00	285.75	285.75
DISCCART	385323.00	4130147.00	292.05	292.05
DISCCART	385323.00	4129147.00	310.18	310.18
DISCCART	385323.00	4128147.00	308.51	308.51
DISCCART	385323.00	4127147.00	302.62	302.62
DISCCART	385323.00	4126147.00	290.71	290.71
DISCCART	385323.00	4125147.00	283.05	283.05
DISCCART	385323.00	4124147.00	295.60	295.60
DISCCART	385323.00	4123147.00	302.30	302.30
DISCCART	385323.00	4122147.00	303.98	303.98
DISCCART	385323.00	4121147.00	298.81	298.81
DISCCART	385323.00	4120147.00	307.21	307.21
DISCCART	385323.00	4119147.00	316.42	316.42
DISCCART	385323.00	4118147.00	317.09	317.09
DISCCART	385323.00	4117147.00	302.57	302.57
DISCCART	385323.00	4116147.00	286.60	286.60
DISCCART	385323.00	4115147.00	298.09	298.09
DISCCART	385323.00	4114147.00	309.40	309.40

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	385323.00	4113147.00	312.95	312.95
DISCCART	385323.00	4112147.00	321.99	321.99
DISCCART	385323.00	4111147.00	320.01	320.01
DISCCART	385323.00	4110147.00	316.61	316.61
DISCCART	385323.00	4109147.00	306.45	308.38
DISCCART	385323.00	4108147.00	316.45	316.45
DISCCART	385323.00	4107147.00	316.72	316.72
DISCCART	385323.00	4106147.00	298.41	298.41
DISCCART	385323.00	4105147.00	320.81	320.81
DISCCART	385323.00	4104147.00	332.41	332.41
DISCCART	385323.00	4103147.00	340.46	340.46
DISCCART	385323.00	4102147.00	328.57	336.43
DISCCART	385323.00	4101147.00	345.96	345.96
DISCCART	385323.00	4100147.00	334.90	334.90
DISCCART	385323.00	4099147.00	344.47	344.47
DISCCART	385323.00	4098147.00	345.83	345.83
DISCCART	385323.00	4097147.00	351.58	351.58
DISCCART	385323.00	4096147.00	362.12	362.12
DISCCART	385323.00	4095147.00	361.75	361.75
DISCCART	385323.00	4094147.00	353.42	353.42
DISCCART	385323.00	4093147.00	353.08	353.08
DISCCART	385323.00	4092147.00	354.74	354.74
DISCCART	385323.00	4091147.00	342.38	342.38
DISCCART	385323.00	4090147.00	346.42	346.42
DISCCART	385323.00	4089147.00	311.99	346.52
DISCCART	385323.00	4088147.00	353.38	357.99
DISCCART	385323.00	4087147.00	343.76	343.76
DISCCART	385323.00	4086147.00	348.34	354.79
DISCCART	386323.00	4146147.00	281.86	281.86
DISCCART	386323.00	4145147.00	280.61	280.61
DISCCART	386323.00	4144147.00	277.91	277.91
DISCCART	386323.00	4143147.00	281.33	281.33
DISCCART	386323.00	4142147.00	285.47	285.47
DISCCART	386323.00	4141147.00	287.67	287.67
DISCCART	386323.00	4140147.00	288.99	288.99
DISCCART	386323.00	4139147.00	285.00	285.00
DISCCART	386323.00	4138147.00	291.10	291.10
DISCCART	386323.00	4137147.00	286.36	286.36
DISCCART	386323.00	4136147.00	281.19	281.19
DISCCART	386323.00	4135147.00	278.41	278.41
DISCCART	386323.00	4134147.00	283.64	283.64
DISCCART	386323.00	4133147.00	294.18	294.18
DISCCART	386323.00	4132147.00	293.33	293.33
DISCCART	386323.00	4131147.00	293.20	293.20
DISCCART	386323.00	4130147.00	289.53	289.53
DISCCART	386323.00	4129147.00	302.23	302.23
DISCCART	386323.00	4128147.00	312.01	312.01
DISCCART	386323.00	4127147.00	294.54	294.54
DISCCART	386323.00	4126147.00	292.61	292.61
DISCCART	386323.00	4125147.00	285.34	285.34
DISCCART	386323.00	4124147.00	297.97	297.97
DISCCART	386323.00	4123147.00	298.80	298.80
DISCCART	386323.00	4122147.00	308.47	308.47
DISCCART	386323.00	4121147.00	307.36	307.36
DISCCART	386323.00	4120147.00	311.24	311.24
DISCCART	386323.00	4119147.00	316.54	316.54
DISCCART	386323.00	4118147.00	319.28	319.28
DISCCART	386323.00	4117147.00	311.63	311.63
DISCCART	386323.00	4116147.00	286.80	286.80
DISCCART	386323.00	4115147.00	295.74	299.20
DISCCART	386323.00	4114147.00	316.74	316.74
DISCCART	386323.00	4113147.00	318.87	318.87
DISCCART	386323.00	4112147.00	324.05	324.05
DISCCART	386323.00	4111147.00	323.28	323.28
DISCCART	386323.00	4110147.00	320.80	320.80
DISCCART	386323.00	4109147.00	302.27	302.27
DISCCART	386323.00	4108147.00	317.48	317.48
DISCCART	386323.00	4107147.00	317.51	317.51
DISCCART	386323.00	4106147.00	302.08	302.08
DISCCART	386323.00	4105147.00	299.72	317.89

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	386323.00	4104147.00	321.37	321.37
DISCCART	386323.00	4103147.00	318.72	318.72
DISCCART	386323.00	4102147.00	341.51	341.51
DISCCART	386323.00	4101147.00	338.81	338.81
DISCCART	386323.00	4100147.00	327.43	327.43
DISCCART	386323.00	4099147.00	339.93	339.93
DISCCART	386323.00	4098147.00	342.66	342.66
DISCCART	386323.00	4097147.00	348.67	348.67
DISCCART	386323.00	4096147.00	359.15	359.15
DISCCART	386323.00	4095147.00	363.53	363.53
DISCCART	386323.00	4094147.00	362.65	362.65
DISCCART	386323.00	4093147.00	362.68	362.68
DISCCART	386323.00	4092147.00	356.00	356.00
DISCCART	386323.00	4091147.00	346.63	346.63
DISCCART	386323.00	4090147.00	338.27	338.27
DISCCART	386323.00	4089147.00	314.02	331.52
DISCCART	386323.00	4088147.00	357.53	357.53
DISCCART	386323.00	4087147.00	354.37	354.37
DISCCART	386323.00	4086147.00	347.92	347.92
DISCCART	387323.00	4146147.00	284.36	284.36
DISCCART	387323.00	4145147.00	294.89	294.89
DISCCART	387323.00	4144147.00	295.28	295.28
DISCCART	387323.00	4143147.00	283.63	283.63
DISCCART	387323.00	4142147.00	290.52	290.52
DISCCART	387323.00	4141147.00	290.31	290.31
DISCCART	387323.00	4140147.00	306.90	306.90
DISCCART	387323.00	4139147.00	288.14	288.14
DISCCART	387323.00	4138147.00	307.46	307.46
DISCCART	387323.00	4137147.00	297.33	297.33
DISCCART	387323.00	4136147.00	292.58	292.58
DISCCART	387323.00	4135147.00	282.90	282.90
DISCCART	387323.00	4134147.00	281.47	281.47
DISCCART	387323.00	4133147.00	293.14	293.14
DISCCART	387323.00	4132147.00	292.51	292.51
DISCCART	387323.00	4131147.00	294.37	294.37
DISCCART	387323.00	4130147.00	299.32	299.32
DISCCART	387323.00	4129147.00	295.53	295.53
DISCCART	387323.00	4128147.00	311.74	311.74
DISCCART	387323.00	4127147.00	302.05	302.05
DISCCART	387323.00	4126147.00	302.70	302.70
DISCCART	387323.00	4125147.00	286.64	286.64
DISCCART	387323.00	4124147.00	286.51	286.51
DISCCART	387323.00	4123147.00	292.83	292.83
DISCCART	387323.00	4122147.00	308.63	308.63
DISCCART	387323.00	4121147.00	305.68	305.68
DISCCART	387323.00	4120147.00	312.72	312.72
DISCCART	387323.00	4119147.00	320.60	320.60
DISCCART	387323.00	4118147.00	318.98	318.98
DISCCART	387323.00	4117147.00	310.60	310.60
DISCCART	387323.00	4116147.00	289.70	289.70
DISCCART	387323.00	4115147.00	292.24	292.24
DISCCART	387323.00	4114147.00	300.06	300.06
DISCCART	387323.00	4113147.00	317.31	317.31
DISCCART	387323.00	4112147.00	319.32	319.32
DISCCART	387323.00	4111147.00	327.44	327.44
DISCCART	387323.00	4110147.00	322.57	322.57
DISCCART	387323.00	4109147.00	315.99	315.99
DISCCART	387323.00	4108147.00	305.66	319.56
DISCCART	387323.00	4107147.00	326.30	326.30
DISCCART	387323.00	4106147.00	321.76	321.76
DISCCART	387323.00	4105147.00	325.47	326.13
DISCCART	387323.00	4104147.00	312.29	317.42
DISCCART	387323.00	4103147.00	321.18	327.53
DISCCART	387323.00	4102147.00	310.94	310.94
DISCCART	387323.00	4101147.00	314.02	314.02
DISCCART	387323.00	4100147.00	323.82	323.82
DISCCART	387323.00	4099147.00	341.37	341.37
DISCCART	387323.00	4098147.00	347.59	347.59
DISCCART	387323.00	4097147.00	347.41	347.41
DISCCART	387323.00	4096147.00	354.22	354.22

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	387323.00	4095147.00	361.96	361.96
DISCCART	387323.00	4094147.00	369.03	369.03
DISCCART	387323.00	4093147.00	372.18	372.18
DISCCART	387323.00	4092147.00	362.49	362.49
DISCCART	387323.00	4091147.00	341.91	348.15
DISCCART	387323.00	4090147.00	348.29	348.29
DISCCART	387323.00	4089147.00	316.15	316.15
DISCCART	387323.00	4088147.00	319.77	348.70
DISCCART	387323.00	4087147.00	343.95	354.33
DISCCART	387323.00	4086147.00	360.35	360.35
DISCCART	388323.00	4146147.00	284.98	284.98
DISCCART	388323.00	4145147.00	293.80	293.80
DISCCART	388323.00	4144147.00	296.68	296.68
DISCCART	388323.00	4143147.00	283.02	283.02
DISCCART	388323.00	4142147.00	287.18	287.18
DISCCART	388323.00	4141147.00	290.03	290.03
DISCCART	388323.00	4140147.00	310.26	310.26
DISCCART	388323.00	4139147.00	299.03	299.03
DISCCART	388323.00	4138147.00	301.09	301.09
DISCCART	388323.00	4137147.00	300.83	300.83
DISCCART	388323.00	4136147.00	286.52	286.52
DISCCART	388323.00	4135147.00	289.05	289.05
DISCCART	388323.00	4134147.00	281.75	281.75
DISCCART	388323.00	4133147.00	292.14	292.14
DISCCART	388323.00	4132147.00	297.66	297.66
DISCCART	388323.00	4131147.00	298.68	298.68
DISCCART	388323.00	4130147.00	298.47	298.47
DISCCART	388323.00	4129147.00	297.20	297.20
DISCCART	388323.00	4128147.00	300.54	300.54
DISCCART	388323.00	4127147.00	311.79	311.79
DISCCART	388323.00	4126147.00	296.26	296.26
DISCCART	388323.00	4125147.00	301.98	301.98
DISCCART	388323.00	4124147.00	286.11	286.11
DISCCART	388323.00	4123147.00	293.96	293.96
DISCCART	388323.00	4122147.00	303.88	303.88
DISCCART	388323.00	4121147.00	317.67	317.67
DISCCART	388323.00	4120147.00	308.43	308.43
DISCCART	388323.00	4119147.00	318.60	318.60
DISCCART	388323.00	4118147.00	321.45	321.45
DISCCART	388323.00	4117147.00	309.49	309.49
DISCCART	388323.00	4116147.00	292.58	307.96
DISCCART	388323.00	4115147.00	289.76	289.76
DISCCART	388323.00	4114147.00	296.64	296.64
DISCCART	388323.00	4113147.00	307.91	307.91
DISCCART	388323.00	4112147.00	322.01	322.01
DISCCART	388323.00	4111147.00	326.87	326.87
DISCCART	388323.00	4110147.00	320.90	320.90
DISCCART	388323.00	4109147.00	318.86	318.86
DISCCART	388323.00	4108147.00	305.22	305.22
DISCCART	388323.00	4107147.00	324.14	324.14
DISCCART	388323.00	4106147.00	326.40	326.40
DISCCART	388323.00	4105147.00	321.62	321.62
DISCCART	388323.00	4104147.00	322.45	322.45
DISCCART	388323.00	4103147.00	329.18	329.18
DISCCART	388323.00	4102147.00	332.81	332.81
DISCCART	388323.00	4101147.00	330.91	330.91
DISCCART	388323.00	4100147.00	337.55	337.55
DISCCART	388323.00	4099147.00	323.21	323.21
DISCCART	388323.00	4098147.00	344.74	344.74
DISCCART	388323.00	4097147.00	353.71	353.71
DISCCART	388323.00	4096147.00	361.03	361.03
DISCCART	388323.00	4095147.00	363.02	363.02
DISCCART	388323.00	4094147.00	371.51	371.51
DISCCART	388323.00	4093147.00	381.27	381.27
DISCCART	388323.00	4092147.00	366.26	369.27
DISCCART	388323.00	4091147.00	362.88	362.88
DISCCART	388323.00	4090147.00	343.34	343.34
DISCCART	388323.00	4089147.00	317.03	317.03
DISCCART	388323.00	4088147.00	337.26	341.23
DISCCART	388323.00	4087147.00	345.20	345.20

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	388323.00	4086147.00	347.49	347.49
DISCCART	389323.00	4146147.00	297.34	297.34
DISCCART	389323.00	4145147.00	299.49	299.49
DISCCART	389323.00	4144147.00	283.65	283.65
DISCCART	389323.00	4143147.00	292.87	292.87
DISCCART	389323.00	4142147.00	288.02	288.02
DISCCART	389323.00	4141147.00	288.60	288.60
DISCCART	389323.00	4140147.00	298.33	298.33
DISCCART	389323.00	4139147.00	302.39	302.39
DISCCART	389323.00	4138147.00	299.45	299.45
DISCCART	389323.00	4137147.00	299.70	299.70
DISCCART	389323.00	4136147.00	293.61	293.61
DISCCART	389323.00	4135147.00	285.70	285.70
DISCCART	389323.00	4134147.00	282.18	282.18
DISCCART	389323.00	4133147.00	290.80	290.80
DISCCART	389323.00	4132147.00	301.68	301.68
DISCCART	389323.00	4131147.00	300.17	300.17
DISCCART	389323.00	4130147.00	302.15	302.15
DISCCART	389323.00	4129147.00	304.22	304.22
DISCCART	389323.00	4128147.00	306.97	306.97
DISCCART	389323.00	4127147.00	311.87	311.87
DISCCART	389323.00	4126147.00	302.22	302.22
DISCCART	389323.00	4125147.00	307.75	307.75
DISCCART	389323.00	4124147.00	284.72	284.72
DISCCART	389323.00	4123147.00	296.85	296.85
DISCCART	389323.00	4122147.00	311.14	311.14
DISCCART	389323.00	4121147.00	315.91	315.91
DISCCART	389323.00	4120147.00	314.38	314.38
DISCCART	389323.00	4119147.00	317.90	317.90
DISCCART	389323.00	4118147.00	318.36	318.36
DISCCART	389323.00	4117147.00	314.12	314.12
DISCCART	389323.00	4116147.00	305.34	305.34
DISCCART	389323.00	4115147.00	292.71	292.71
DISCCART	389323.00	4114147.00	318.36	318.36
DISCCART	389323.00	4113147.00	326.50	326.50
DISCCART	389323.00	4112147.00	333.42	333.42
DISCCART	389323.00	4111147.00	329.30	329.30
DISCCART	389323.00	4110147.00	327.19	327.19
DISCCART	389323.00	4109147.00	324.32	324.32
DISCCART	389323.00	4108147.00	302.43	302.43
DISCCART	389323.00	4107147.00	329.35	329.35
DISCCART	389323.00	4106147.00	332.16	332.16
DISCCART	389323.00	4105147.00	322.76	322.76
DISCCART	389323.00	4104147.00	326.84	326.84
DISCCART	389323.00	4103147.00	311.01	311.01
DISCCART	389323.00	4102147.00	332.36	332.36
DISCCART	389323.00	4101147.00	335.49	335.49
DISCCART	389323.00	4100147.00	342.90	342.90
DISCCART	389323.00	4099147.00	344.40	344.40
DISCCART	389323.00	4098147.00	335.46	338.45
DISCCART	389323.00	4097147.00	343.19	343.19
DISCCART	389323.00	4096147.00	349.73	349.73
DISCCART	389323.00	4095147.00	354.20	354.20
DISCCART	389323.00	4094147.00	362.35	362.35
DISCCART	389323.00	4093147.00	381.46	381.46
DISCCART	389323.00	4092147.00	364.42	364.42
DISCCART	389323.00	4091147.00	334.03	334.03
DISCCART	389323.00	4090147.00	319.68	319.68
DISCCART	389323.00	4089147.00	337.25	337.25
DISCCART	389323.00	4088147.00	337.08	337.08
DISCCART	389323.00	4087147.00	346.16	346.16
DISCCART	389323.00	4086147.00	336.74	336.74
DISCCART	390323.00	4146147.00	297.09	297.09
DISCCART	390323.00	4145147.00	289.43	289.43
DISCCART	390323.00	4144147.00	293.21	293.21
DISCCART	390323.00	4143147.00	299.33	299.33
DISCCART	390323.00	4142147.00	292.74	292.74
DISCCART	390323.00	4141147.00	286.38	286.38
DISCCART	390323.00	4140147.00	293.76	293.76
DISCCART	390323.00	4139147.00	298.92	298.92



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	390323.00	4138147.00	298.86	298.86
DISCCART	390323.00	4137147.00	292.93	292.93
DISCCART	390323.00	4136147.00	290.96	290.96
DISCCART	390323.00	4135147.00	289.32	289.32
DISCCART	390323.00	4134147.00	286.91	286.91
DISCCART	390323.00	4133147.00	292.70	292.70
DISCCART	390323.00	4132147.00	289.44	289.44
DISCCART	390323.00	4131147.00	301.35	301.35
DISCCART	390323.00	4130147.00	306.22	306.22
DISCCART	390323.00	4129147.00	307.01	307.01
DISCCART	390323.00	4128147.00	307.37	307.37
DISCCART	390323.00	4127147.00	313.19	313.19
DISCCART	390323.00	4126147.00	311.29	311.29
DISCCART	390323.00	4125147.00	306.36	306.36
DISCCART	390323.00	4124147.00	286.62	293.38
DISCCART	390323.00	4123147.00	296.63	296.63
DISCCART	390323.00	4122147.00	312.31	312.31
DISCCART	390323.00	4121147.00	317.41	317.41
DISCCART	390323.00	4120147.00	323.20	323.20
DISCCART	390323.00	4119147.00	320.93	320.93
DISCCART	390323.00	4118147.00	324.68	324.68
DISCCART	390323.00	4117147.00	316.76	316.76
DISCCART	390323.00	4116147.00	311.94	311.94
DISCCART	390323.00	4115147.00	293.01	293.01
DISCCART	390323.00	4114147.00	313.40	329.80
DISCCART	390323.00	4113147.00	324.05	324.05
DISCCART	390323.00	4112147.00	327.71	327.71
DISCCART	390323.00	4111147.00	332.38	332.38
DISCCART	390323.00	4110147.00	328.80	328.80
DISCCART	390323.00	4109147.00	319.58	319.58
DISCCART	390323.00	4108147.00	304.90	304.90
DISCCART	390323.00	4107147.00	326.84	326.84
DISCCART	390323.00	4106147.00	332.26	332.26
DISCCART	390323.00	4105147.00	331.81	331.81
DISCCART	390323.00	4104147.00	325.49	325.49
DISCCART	390323.00	4103147.00	311.55	311.55
DISCCART	390323.00	4102147.00	326.65	326.65
DISCCART	390323.00	4101147.00	331.08	331.08
DISCCART	390323.00	4100147.00	341.50	341.50
DISCCART	390323.00	4099147.00	351.32	351.32
DISCCART	390323.00	4098147.00	350.60	350.60
DISCCART	390323.00	4097147.00	356.03	356.03
DISCCART	390323.00	4096147.00	348.36	348.36
DISCCART	390323.00	4095147.00	351.28	351.28
DISCCART	390323.00	4094147.00	366.87	366.87
DISCCART	390323.00	4093147.00	367.38	370.65
DISCCART	390323.00	4092147.00	348.54	374.19
DISCCART	390323.00	4091147.00	364.90	364.90
DISCCART	390323.00	4090147.00	335.24	351.11
DISCCART	390323.00	4089147.00	322.69	355.35
DISCCART	390323.00	4088147.00	360.37	360.37
DISCCART	390323.00	4087147.00	362.50	362.50
DISCCART	390323.00	4086147.00	363.53	363.53
DISCCART	391323.00	4146147.00	294.25	294.25
DISCCART	391323.00	4145147.00	289.47	289.47
DISCCART	391323.00	4144147.00	293.01	293.01
DISCCART	391323.00	4143147.00	308.12	308.12
DISCCART	391323.00	4142147.00	297.00	297.00
DISCCART	391323.00	4141147.00	289.82	289.82
DISCCART	391323.00	4140147.00	293.97	293.97
DISCCART	391323.00	4139147.00	295.76	295.76
DISCCART	391323.00	4138147.00	299.71	299.71
DISCCART	391323.00	4137147.00	299.30	299.30
DISCCART	391323.00	4136147.00	296.51	296.51
DISCCART	391323.00	4135147.00	288.30	288.30
DISCCART	391323.00	4134147.00	289.86	289.86
DISCCART	391323.00	4133147.00	297.41	297.41
DISCCART	391323.00	4132147.00	302.31	302.31
DISCCART	391323.00	4131147.00	295.92	295.92
DISCCART	391323.00	4130147.00	296.25	296.25

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	391323.00	4129147.00	301.91	301.91
DISCCART	391323.00	4128147.00	312.27	312.27
DISCCART	391323.00	4127147.00	311.39	311.39
DISCCART	391323.00	4126147.00	308.27	308.27
DISCCART	391323.00	4125147.00	294.68	294.68
DISCCART	391323.00	4124147.00	289.71	289.71
DISCCART	391323.00	4123147.00	301.86	301.86
DISCCART	391323.00	4122147.00	303.45	303.45
DISCCART	391323.00	4121147.00	314.07	314.07
DISCCART	391323.00	4120147.00	312.14	312.14
DISCCART	391323.00	4119147.00	313.56	313.56
DISCCART	391323.00	4118147.00	317.26	317.26
DISCCART	391323.00	4117147.00	318.47	318.47
DISCCART	391323.00	4116147.00	320.43	320.43
DISCCART	391323.00	4115147.00	292.71	292.71
DISCCART	391323.00	4114147.00	298.84	298.84
DISCCART	391323.00	4113147.00	313.65	323.83
DISCCART	391323.00	4112147.00	327.67	327.67
DISCCART	391323.00	4111147.00	325.78	325.78
DISCCART	391323.00	4110147.00	333.58	333.58
DISCCART	391323.00	4109147.00	330.20	330.20
DISCCART	391323.00	4108147.00	306.53	326.64
DISCCART	391323.00	4107147.00	316.44	316.44
DISCCART	391323.00	4106147.00	329.78	329.78
DISCCART	391323.00	4105147.00	338.44	338.44
DISCCART	391323.00	4104147.00	333.46	333.46
DISCCART	391323.00	4103147.00	316.84	316.84
DISCCART	391323.00	4102147.00	323.26	323.26
DISCCART	391323.00	4101147.00	336.60	336.60
DISCCART	391323.00	4100147.00	340.91	340.91
DISCCART	391323.00	4099147.00	349.58	349.58
DISCCART	391323.00	4098147.00	355.61	355.61
DISCCART	391323.00	4097147.00	359.04	359.04
DISCCART	391323.00	4096147.00	359.72	359.72
DISCCART	391323.00	4095147.00	351.67	351.67
DISCCART	391323.00	4094147.00	367.04	367.04
DISCCART	391323.00	4093147.00	379.05	379.05
DISCCART	391323.00	4092147.00	361.48	375.61
DISCCART	391323.00	4091147.00	368.04	368.04
DISCCART	391323.00	4090147.00	343.78	348.21
DISCCART	391323.00	4089147.00	321.41	321.41
DISCCART	391323.00	4088147.00	352.93	364.33
DISCCART	391323.00	4087147.00	359.26	359.26
DISCCART	391323.00	4086147.00	365.85	365.85
DISCCART	392323.00	4146147.00	300.91	300.91
DISCCART	392323.00	4145147.00	289.58	289.58
DISCCART	392323.00	4144147.00	289.05	289.05
DISCCART	392323.00	4143147.00	294.98	294.98
DISCCART	392323.00	4142147.00	294.74	294.74
DISCCART	392323.00	4141147.00	296.63	296.63
DISCCART	392323.00	4140147.00	297.16	297.16
DISCCART	392323.00	4139147.00	298.89	298.89
DISCCART	392323.00	4138147.00	302.39	302.39
DISCCART	392323.00	4137147.00	305.14	305.14
DISCCART	392323.00	4136147.00	296.47	296.47
DISCCART	392323.00	4135147.00	286.58	286.58
DISCCART	392323.00	4134147.00	298.16	298.16
DISCCART	392323.00	4133147.00	312.76	312.76
DISCCART	392323.00	4132147.00	308.90	308.90
DISCCART	392323.00	4131147.00	308.10	308.10
DISCCART	392323.00	4130147.00	305.26	305.26
DISCCART	392323.00	4129147.00	305.15	305.15
DISCCART	392323.00	4128147.00	311.42	311.42
DISCCART	392323.00	4127147.00	304.54	304.54
DISCCART	392323.00	4126147.00	301.81	301.81
DISCCART	392323.00	4125147.00	292.62	292.62
DISCCART	392323.00	4124147.00	299.59	299.59
DISCCART	392323.00	4123147.00	292.76	292.76
DISCCART	392323.00	4122147.00	301.75	301.75
DISCCART	392323.00	4121147.00	305.41	305.41

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	392323.00	4120147.00	306.94	306.94
DISCCART	392323.00	4119147.00	311.14	311.14
DISCCART	392323.00	4118147.00	323.22	323.22
DISCCART	392323.00	4117147.00	330.22	330.22
DISCCART	392323.00	4116147.00	314.78	314.78
DISCCART	392323.00	4115147.00	299.01	319.68
DISCCART	392323.00	4114147.00	295.81	295.81
DISCCART	392323.00	4113147.00	316.96	316.96
DISCCART	392323.00	4112147.00	333.58	333.58
DISCCART	392323.00	4111147.00	335.54	335.54
DISCCART	392323.00	4110147.00	331.21	331.21
DISCCART	392323.00	4109147.00	335.88	335.88
DISCCART	392323.00	4108147.00	319.48	319.48
DISCCART	392323.00	4107147.00	308.11	327.47
DISCCART	392323.00	4106147.00	314.46	314.46
DISCCART	392323.00	4105147.00	337.82	337.82
DISCCART	392323.00	4104147.00	342.51	342.51
DISCCART	392323.00	4103147.00	330.11	330.11
DISCCART	392323.00	4102147.00	322.64	322.64
DISCCART	392323.00	4101147.00	341.83	341.83
DISCCART	392323.00	4100147.00	345.53	345.53
DISCCART	392323.00	4099147.00	351.79	351.79
DISCCART	392323.00	4098147.00	353.50	353.50
DISCCART	392323.00	4097147.00	356.94	356.94
DISCCART	392323.00	4096147.00	362.94	362.94
DISCCART	392323.00	4095147.00	366.39	366.39
DISCCART	392323.00	4094147.00	359.58	359.58
DISCCART	392323.00	4093147.00	378.31	378.31
DISCCART	392323.00	4092147.00	371.76	371.76
DISCCART	392323.00	4091147.00	367.54	367.54
DISCCART	392323.00	4090147.00	346.94	347.63
DISCCART	392323.00	4089147.00	323.17	323.17
DISCCART	392323.00	4088147.00	351.30	366.48
DISCCART	392323.00	4087147.00	365.11	365.11
DISCCART	392323.00	4086147.00	373.10	373.10
DISCCART	393323.00	4146147.00	293.31	293.31
DISCCART	393323.00	4145147.00	296.40	296.40
DISCCART	393323.00	4144147.00	291.18	291.18
DISCCART	393323.00	4143147.00	295.89	295.89
DISCCART	393323.00	4142147.00	303.92	303.92
DISCCART	393323.00	4141147.00	303.70	303.70
DISCCART	393323.00	4140147.00	304.45	304.45
DISCCART	393323.00	4139147.00	305.64	305.64
DISCCART	393323.00	4138147.00	302.84	302.84
DISCCART	393323.00	4137147.00	301.66	301.66
DISCCART	393323.00	4136147.00	290.21	290.21
DISCCART	393323.00	4135147.00	294.55	294.55
DISCCART	393323.00	4134147.00	289.31	289.31
DISCCART	393323.00	4133147.00	295.34	295.34
DISCCART	393323.00	4132147.00	310.59	310.59
DISCCART	393323.00	4131147.00	310.36	310.36
DISCCART	393323.00	4130147.00	309.45	309.45
DISCCART	393323.00	4129147.00	313.25	313.25
DISCCART	393323.00	4128147.00	311.02	311.02
DISCCART	393323.00	4127147.00	308.32	308.32
DISCCART	393323.00	4126147.00	297.28	297.28
DISCCART	393323.00	4125147.00	296.15	296.15
DISCCART	393323.00	4124147.00	308.77	308.77
DISCCART	393323.00	4123147.00	298.97	298.97
DISCCART	393323.00	4122147.00	298.65	298.65
DISCCART	393323.00	4121147.00	308.55	308.55
DISCCART	393323.00	4120147.00	313.50	313.50
DISCCART	393323.00	4119147.00	314.51	314.51
DISCCART	393323.00	4118147.00	320.90	320.90
DISCCART	393323.00	4117147.00	332.20	332.20
DISCCART	393323.00	4116147.00	324.56	324.56
DISCCART	393323.00	4115147.00	315.80	323.72
DISCCART	393323.00	4114147.00	295.81	295.81
DISCCART	393323.00	4113147.00	322.73	326.33
DISCCART	393323.00	4112147.00	328.28	328.28

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	393323.00	4111147.00	337.10	337.10
DISCCART	393323.00	4110147.00	337.28	337.28
DISCCART	393323.00	4109147.00	335.98	335.98
DISCCART	393323.00	4108147.00	327.73	327.73
DISCCART	393323.00	4107147.00	333.85	333.85
DISCCART	393323.00	4106147.00	311.01	311.01
DISCCART	393323.00	4105147.00	335.92	335.92
DISCCART	393323.00	4104147.00	341.20	341.20
DISCCART	393323.00	4103147.00	338.05	338.05
DISCCART	393323.00	4102147.00	326.04	326.04
DISCCART	393323.00	4101147.00	330.72	330.72
DISCCART	393323.00	4100147.00	336.83	336.83
DISCCART	393323.00	4099147.00	344.82	344.82
DISCCART	393323.00	4098147.00	353.97	353.97
DISCCART	393323.00	4097147.00	356.72	356.72
DISCCART	393323.00	4096147.00	368.93	368.93
DISCCART	393323.00	4095147.00	378.22	378.22
DISCCART	393323.00	4094147.00	371.36	371.36
DISCCART	393323.00	4093147.00	377.17	377.17
DISCCART	393323.00	4092147.00	389.72	389.72
DISCCART	393323.00	4091147.00	368.89	368.89
DISCCART	393323.00	4090147.00	332.78	353.20
DISCCART	393323.00	4089147.00	323.22	323.22
DISCCART	393323.00	4088147.00	358.44	363.98
DISCCART	393323.00	4087147.00	354.41	356.91
DISCCART	393323.00	4086147.00	375.46	379.19
DISCCART	394323.00	4146147.00	297.33	297.33
DISCCART	394323.00	4145147.00	296.10	296.10
DISCCART	394323.00	4144147.00	294.39	294.39
DISCCART	394323.00	4143147.00	295.05	295.05
DISCCART	394323.00	4142147.00	298.10	298.10
DISCCART	394323.00	4141147.00	301.70	301.70
DISCCART	394323.00	4140147.00	304.26	304.26
DISCCART	394323.00	4139147.00	305.42	305.42
DISCCART	394323.00	4138147.00	303.09	303.09
DISCCART	394323.00	4137147.00	292.55	292.55
DISCCART	394323.00	4136147.00	304.82	304.82
DISCCART	394323.00	4135147.00	300.28	300.28
DISCCART	394323.00	4134147.00	298.24	298.24
DISCCART	394323.00	4133147.00	292.49	292.49
DISCCART	394323.00	4132147.00	303.17	303.17
DISCCART	394323.00	4131147.00	306.72	306.72
DISCCART	394323.00	4130147.00	314.51	314.51
DISCCART	394323.00	4129147.00	311.02	311.02
DISCCART	394323.00	4128147.00	306.11	306.11
DISCCART	394323.00	4127147.00	302.37	302.37
DISCCART	394323.00	4126147.00	311.90	311.90
DISCCART	394323.00	4125147.00	299.02	299.02
DISCCART	394323.00	4124147.00	308.65	308.65
DISCCART	394323.00	4123147.00	309.45	309.45
DISCCART	394323.00	4122147.00	298.97	298.97
DISCCART	394323.00	4121147.00	304.67	304.67
DISCCART	394323.00	4120147.00	304.91	304.91
DISCCART	394323.00	4119147.00	313.42	313.42
DISCCART	394323.00	4118147.00	323.05	323.05
DISCCART	394323.00	4117147.00	332.66	332.66
DISCCART	394323.00	4116147.00	323.17	323.17
DISCCART	394323.00	4115147.00	320.20	320.20
DISCCART	394323.00	4114147.00	295.81	295.81
DISCCART	394323.00	4113147.00	298.81	328.37
DISCCART	394323.00	4112147.00	334.29	334.29
DISCCART	394323.00	4111147.00	334.79	334.79
DISCCART	394323.00	4110147.00	345.32	345.32
DISCCART	394323.00	4109147.00	343.30	343.30
DISCCART	394323.00	4108147.00	336.75	336.75
DISCCART	394323.00	4107147.00	334.15	334.15
DISCCART	394323.00	4106147.00	324.51	324.51
DISCCART	394323.00	4105147.00	314.00	338.77
DISCCART	394323.00	4104147.00	342.61	342.61
DISCCART	394323.00	4103147.00	343.28	343.28

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	394323.00	4102147.00	338.09	338.09
DISCCART	394323.00	4101147.00	344.50	344.50
DISCCART	394323.00	4100147.00	346.06	346.06
DISCCART	394323.00	4099147.00	345.07	345.07
DISCCART	394323.00	4098147.00	354.96	354.96
DISCCART	394323.00	4097147.00	362.95	362.95
DISCCART	394323.00	4096147.00	372.77	372.77
DISCCART	394323.00	4095147.00	377.24	377.24
DISCCART	394323.00	4094147.00	383.77	383.77
DISCCART	394323.00	4093147.00	381.88	381.88
DISCCART	394323.00	4092147.00	389.36	389.36
DISCCART	394323.00	4091147.00	370.79	370.79
DISCCART	394323.00	4090147.00	341.22	356.14
DISCCART	394323.00	4089147.00	326.34	326.34
DISCCART	394323.00	4088147.00	366.41	366.41
DISCCART	394323.00	4087147.00	362.42	362.42
DISCCART	394323.00	4086147.00	378.02	378.02
DISCCART	395323.00	4146147.00	302.58	302.58
DISCCART	395323.00	4145147.00	299.72	299.72
DISCCART	395323.00	4144147.00	301.82	301.82
DISCCART	395323.00	4143147.00	300.25	300.25
DISCCART	395323.00	4142147.00	297.10	297.10
DISCCART	395323.00	4141147.00	298.60	298.60
DISCCART	395323.00	4140147.00	307.26	307.26
DISCCART	395323.00	4139147.00	303.22	303.22
DISCCART	395323.00	4138147.00	302.73	302.73
DISCCART	395323.00	4137147.00	297.56	297.56
DISCCART	395323.00	4136147.00	304.82	304.82
DISCCART	395323.00	4135147.00	301.75	301.75
DISCCART	395323.00	4134147.00	300.40	300.40
DISCCART	395323.00	4133147.00	298.52	298.52
DISCCART	395323.00	4132147.00	308.17	308.17
DISCCART	395323.00	4131147.00	311.85	311.85
DISCCART	395323.00	4130147.00	319.14	319.14
DISCCART	395323.00	4129147.00	315.03	315.03
DISCCART	395323.00	4128147.00	315.11	315.11
DISCCART	395323.00	4127147.00	315.28	315.28
DISCCART	395323.00	4126147.00	303.28	303.28
DISCCART	395323.00	4125147.00	304.96	304.96
DISCCART	395323.00	4124147.00	315.86	315.86
DISCCART	395323.00	4123147.00	315.58	315.58
DISCCART	395323.00	4122147.00	303.12	303.12
DISCCART	395323.00	4121147.00	313.78	313.78
DISCCART	395323.00	4120147.00	313.05	313.05
DISCCART	395323.00	4119147.00	316.82	316.82
DISCCART	395323.00	4118147.00	320.47	320.47
DISCCART	395323.00	4117147.00	333.34	333.34
DISCCART	395323.00	4116147.00	336.31	336.31
DISCCART	395323.00	4115147.00	316.84	316.84
DISCCART	395323.00	4114147.00	304.16	304.16
DISCCART	395323.00	4113147.00	298.91	298.91
DISCCART	395323.00	4112147.00	306.32	306.32
DISCCART	395323.00	4111147.00	326.99	326.99
DISCCART	395323.00	4110147.00	341.24	341.24
DISCCART	395323.00	4109147.00	347.23	347.23
DISCCART	395323.00	4108147.00	338.12	338.12
DISCCART	395323.00	4107147.00	338.36	338.36
DISCCART	395323.00	4106147.00	326.57	326.57
DISCCART	395323.00	4105147.00	314.99	314.99
DISCCART	395323.00	4104147.00	347.03	347.03
DISCCART	395323.00	4103147.00	344.23	344.23
DISCCART	395323.00	4102147.00	341.64	341.64
DISCCART	395323.00	4101147.00	349.21	349.21
DISCCART	395323.00	4100147.00	347.11	347.11
DISCCART	395323.00	4099147.00	360.05	360.05
DISCCART	395323.00	4098147.00	356.84	356.84
DISCCART	395323.00	4097147.00	366.49	366.49
DISCCART	395323.00	4096147.00	371.94	371.94
DISCCART	395323.00	4095147.00	371.98	371.98
DISCCART	395323.00	4094147.00	380.80	380.80

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	395323.00	4093147.00	387.01	387.01
DISCCART	395323.00	4092147.00	383.57	383.57
DISCCART	395323.00	4091147.00	351.50	381.78
DISCCART	395323.00	4090147.00	361.44	361.44
DISCCART	395323.00	4089147.00	329.24	357.55
DISCCART	395323.00	4088147.00	334.06	360.91
DISCCART	395323.00	4087147.00	367.42	368.02
DISCCART	395323.00	4086147.00	372.81	372.81
DISCCART	396323.00	4146147.00	309.66	309.66
DISCCART	396323.00	4145147.00	301.91	301.91
DISCCART	396323.00	4144147.00	307.75	307.75
DISCCART	396323.00	4143147.00	308.47	308.47
DISCCART	396323.00	4142147.00	299.03	299.03
DISCCART	396323.00	4141147.00	301.15	301.15
DISCCART	396323.00	4140147.00	307.99	307.99
DISCCART	396323.00	4139147.00	308.24	308.24
DISCCART	396323.00	4138147.00	310.40	310.40
DISCCART	396323.00	4137147.00	305.35	305.35
DISCCART	396323.00	4136147.00	320.63	320.63
DISCCART	396323.00	4135147.00	316.89	316.89
DISCCART	396323.00	4134147.00	301.32	301.32
DISCCART	396323.00	4133147.00	301.59	301.59
DISCCART	396323.00	4132147.00	315.87	315.87
DISCCART	396323.00	4131147.00	310.62	310.62
DISCCART	396323.00	4130147.00	320.48	320.48
DISCCART	396323.00	4129147.00	317.12	317.12
DISCCART	396323.00	4128147.00	313.51	313.51
DISCCART	396323.00	4127147.00	311.31	311.31
DISCCART	396323.00	4126147.00	315.76	315.76
DISCCART	396323.00	4125147.00	316.30	316.30
DISCCART	396323.00	4124147.00	322.89	322.89
DISCCART	396323.00	4123147.00	308.10	308.10
DISCCART	396323.00	4122147.00	309.49	309.49
DISCCART	396323.00	4121147.00	307.54	307.54
DISCCART	396323.00	4120147.00	319.56	319.56
DISCCART	396323.00	4119147.00	320.28	320.28
DISCCART	396323.00	4118147.00	328.98	328.98
DISCCART	396323.00	4117147.00	331.91	331.91
DISCCART	396323.00	4116147.00	330.72	330.72
DISCCART	396323.00	4115147.00	332.64	332.64
DISCCART	396323.00	4114147.00	301.67	301.67
DISCCART	396323.00	4113147.00	301.28	301.28
DISCCART	396323.00	4112147.00	301.91	301.91
DISCCART	396323.00	4111147.00	336.60	336.60
DISCCART	396323.00	4110147.00	345.24	345.24
DISCCART	396323.00	4109147.00	347.61	347.61
DISCCART	396323.00	4108147.00	341.18	341.18
DISCCART	396323.00	4107147.00	333.16	333.16
DISCCART	396323.00	4106147.00	332.68	332.68
DISCCART	396323.00	4105147.00	328.82	330.50
DISCCART	396323.00	4104147.00	323.32	340.33
DISCCART	396323.00	4103147.00	349.61	349.61
DISCCART	396323.00	4102147.00	349.84	349.84
DISCCART	396323.00	4101147.00	348.80	348.80
DISCCART	396323.00	4100147.00	360.41	360.41
DISCCART	396323.00	4099147.00	362.33	362.33
DISCCART	396323.00	4098147.00	368.94	368.94
DISCCART	396323.00	4097147.00	364.43	364.43
DISCCART	396323.00	4096147.00	373.16	373.16
DISCCART	396323.00	4095147.00	378.02	378.02
DISCCART	396323.00	4094147.00	383.87	383.87
DISCCART	396323.00	4093147.00	385.96	385.96
DISCCART	396323.00	4092147.00	382.77	382.77
DISCCART	396323.00	4091147.00	386.77	386.77
DISCCART	396323.00	4090147.00	361.07	361.07
DISCCART	396323.00	4089147.00	348.77	348.77
DISCCART	396323.00	4088147.00	326.24	326.24
DISCCART	396323.00	4087147.00	358.39	358.39
DISCCART	396323.00	4086147.00	346.62	356.63
DISCCART	397323.00	4146147.00	314.62	314.62

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	397323.00	4145147.00	308.77	308.77
DISCCART	397323.00	4144147.00	321.92	321.92
DISCCART	397323.00	4143147.00	322.32	322.32
DISCCART	397323.00	4142147.00	311.82	311.82
DISCCART	397323.00	4141147.00	307.29	307.29
DISCCART	397323.00	4140147.00	305.00	305.00
DISCCART	397323.00	4139147.00	311.42	311.42
DISCCART	397323.00	4138147.00	307.08	307.08
DISCCART	397323.00	4137147.00	302.79	302.79
DISCCART	397323.00	4136147.00	319.00	319.00
DISCCART	397323.00	4135147.00	319.58	319.58
DISCCART	397323.00	4134147.00	300.67	300.67
DISCCART	397323.00	4133147.00	311.19	311.19
DISCCART	397323.00	4132147.00	320.16	320.16
DISCCART	397323.00	4131147.00	316.85	316.85
DISCCART	397323.00	4130147.00	324.14	324.14
DISCCART	397323.00	4129147.00	317.19	317.19
DISCCART	397323.00	4128147.00	319.02	319.02
DISCCART	397323.00	4127147.00	311.17	311.17
DISCCART	397323.00	4126147.00	313.89	313.89
DISCCART	397323.00	4125147.00	327.90	327.90
DISCCART	397323.00	4124147.00	322.86	322.86
DISCCART	397323.00	4123147.00	321.81	321.81
DISCCART	397323.00	4122147.00	316.57	316.57
DISCCART	397323.00	4121147.00	311.02	311.02
DISCCART	397323.00	4120147.00	320.55	320.55
DISCCART	397323.00	4119147.00	328.28	328.28
DISCCART	397323.00	4118147.00	326.36	326.36
DISCCART	397323.00	4117147.00	333.54	333.54
DISCCART	397323.00	4116147.00	342.67	342.67
DISCCART	397323.00	4115147.00	325.30	325.30
DISCCART	397323.00	4114147.00	302.58	302.58
DISCCART	397323.00	4113147.00	319.06	323.16
DISCCART	397323.00	4112147.00	301.91	301.91
DISCCART	397323.00	4111147.00	321.42	321.42
DISCCART	397323.00	4110147.00	332.68	332.68
DISCCART	397323.00	4109147.00	340.90	340.90
DISCCART	397323.00	4108147.00	348.10	348.10
DISCCART	397323.00	4107147.00	341.49	341.49
DISCCART	397323.00	4106147.00	340.63	340.63
DISCCART	397323.00	4105147.00	317.19	317.19
DISCCART	397323.00	4104147.00	325.64	342.27
DISCCART	397323.00	4103147.00	344.87	344.87
DISCCART	397323.00	4102147.00	353.83	353.83
DISCCART	397323.00	4101147.00	354.30	354.30
DISCCART	397323.00	4100147.00	353.02	353.02
DISCCART	397323.00	4099147.00	356.65	356.65
DISCCART	397323.00	4098147.00	361.78	361.78
DISCCART	397323.00	4097147.00	365.86	365.86
DISCCART	397323.00	4096147.00	377.75	377.75
DISCCART	397323.00	4095147.00	382.10	382.10
DISCCART	397323.00	4094147.00	391.33	391.33
DISCCART	397323.00	4093147.00	393.65	393.65
DISCCART	397323.00	4092147.00	390.64	390.64
DISCCART	397323.00	4091147.00	382.65	384.62
DISCCART	397323.00	4090147.00	369.61	369.61
DISCCART	397323.00	4089147.00	359.66	359.66
DISCCART	397323.00	4088147.00	329.32	329.32
DISCCART	397323.00	4087147.00	349.48	353.52
DISCCART	397323.00	4086147.00	344.97	344.97
DISCCART	398323.00	4146147.00	318.81	318.81
DISCCART	398323.00	4145147.00	322.70	322.70
DISCCART	398323.00	4144147.00	325.76	325.76
DISCCART	398323.00	4143147.00	321.17	321.17
DISCCART	398323.00	4142147.00	323.63	323.63
DISCCART	398323.00	4141147.00	316.46	316.46
DISCCART	398323.00	4140147.00	308.85	308.85
DISCCART	398323.00	4139147.00	312.34	312.34
DISCCART	398323.00	4138147.00	308.61	308.61
DISCCART	398323.00	4137147.00	307.20	307.20

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	398323.00	4136147.00	317.01	317.01
DISCCART	398323.00	4135147.00	319.98	319.98
DISCCART	398323.00	4134147.00	306.75	306.75
DISCCART	398323.00	4133147.00	314.12	314.12
DISCCART	398323.00	4132147.00	303.52	303.52
DISCCART	398323.00	4131147.00	312.71	312.71
DISCCART	398323.00	4130147.00	324.22	324.22
DISCCART	398323.00	4129147.00	319.79	319.79
DISCCART	398323.00	4128147.00	320.25	320.25
DISCCART	398323.00	4127147.00	315.02	315.02
DISCCART	398323.00	4126147.00	312.84	312.84
DISCCART	398323.00	4125147.00	319.42	319.42
DISCCART	398323.00	4124147.00	329.63	329.63
DISCCART	398323.00	4123147.00	324.19	324.19
DISCCART	398323.00	4122147.00	314.28	314.28
DISCCART	398323.00	4121147.00	313.50	313.50
DISCCART	398323.00	4120147.00	320.14	320.14
DISCCART	398323.00	4119147.00	328.93	328.93
DISCCART	398323.00	4118147.00	332.75	332.75
DISCCART	398323.00	4117147.00	336.21	336.21
DISCCART	398323.00	4116147.00	344.39	344.39
DISCCART	398323.00	4115147.00	325.87	325.87
DISCCART	398323.00	4114147.00	304.91	304.91
DISCCART	398323.00	4113147.00	326.76	326.76
DISCCART	398323.00	4112147.00	304.19	304.19
DISCCART	398323.00	4111147.00	319.39	319.39
DISCCART	398323.00	4110147.00	334.37	334.37
DISCCART	398323.00	4109147.00	348.13	348.13
DISCCART	398323.00	4108147.00	347.05	347.05
DISCCART	398323.00	4107147.00	343.06	343.06
DISCCART	398323.00	4106147.00	342.46	342.46
DISCCART	398323.00	4105147.00	320.66	344.05
DISCCART	398323.00	4104147.00	346.42	346.42
DISCCART	398323.00	4103147.00	346.74	346.74
DISCCART	398323.00	4102147.00	357.00	357.00
DISCCART	398323.00	4101147.00	356.36	356.36
DISCCART	398323.00	4100147.00	360.44	360.44
DISCCART	398323.00	4099147.00	369.80	369.80
DISCCART	398323.00	4098147.00	367.34	367.34
DISCCART	398323.00	4097147.00	365.81	365.81
DISCCART	398323.00	4096147.00	372.73	372.73
DISCCART	398323.00	4095147.00	379.65	379.65
DISCCART	398323.00	4094147.00	392.84	392.84
DISCCART	398323.00	4093147.00	387.53	387.53
DISCCART	398323.00	4092147.00	389.73	389.73
DISCCART	398323.00	4091147.00	380.87	380.87
DISCCART	398323.00	4090147.00	359.26	366.05
DISCCART	398323.00	4089147.00	354.09	354.09
DISCCART	398323.00	4088147.00	329.59	329.59
DISCCART	398323.00	4087147.00	332.32	332.32
DISCCART	398323.00	4086147.00	337.97	366.39
DISCCART	399323.00	4146147.00	313.50	313.50
DISCCART	399323.00	4145147.00	324.18	324.18
DISCCART	399323.00	4144147.00	323.56	323.56
DISCCART	399323.00	4143147.00	341.94	341.94
DISCCART	399323.00	4142147.00	341.35	341.35
DISCCART	399323.00	4141147.00	320.90	320.90
DISCCART	399323.00	4140147.00	313.28	313.28
DISCCART	399323.00	4139147.00	310.63	310.63
DISCCART	399323.00	4138147.00	309.49	309.49
DISCCART	399323.00	4137147.00	314.08	314.08
DISCCART	399323.00	4136147.00	318.98	318.98
DISCCART	399323.00	4135147.00	316.79	316.79
DISCCART	399323.00	4134147.00	313.36	313.36
DISCCART	399323.00	4133147.00	311.63	311.63
DISCCART	399323.00	4132147.00	313.73	313.73
DISCCART	399323.00	4131147.00	314.09	314.09
DISCCART	399323.00	4130147.00	315.64	315.64
DISCCART	399323.00	4129147.00	326.58	326.58
DISCCART	399323.00	4128147.00	325.82	325.82



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	399323.00	4127147.00	317.23	317.23
DISCCART	399323.00	4126147.00	313.72	313.72
DISCCART	399323.00	4125147.00	323.04	323.04
DISCCART	399323.00	4124147.00	332.23	332.23
DISCCART	399323.00	4123147.00	320.30	320.30
DISCCART	399323.00	4122147.00	316.57	316.57
DISCCART	399323.00	4121147.00	321.14	321.14
DISCCART	399323.00	4120147.00	326.35	326.35
DISCCART	399323.00	4119147.00	331.84	331.84
DISCCART	399323.00	4118147.00	332.21	332.21
DISCCART	399323.00	4117147.00	340.77	340.77
DISCCART	399323.00	4116147.00	339.14	339.14
DISCCART	399323.00	4115147.00	326.16	331.84
DISCCART	399323.00	4114147.00	306.62	306.62
DISCCART	399323.00	4113147.00	326.87	326.87
DISCCART	399323.00	4112147.00	305.61	305.61
DISCCART	399323.00	4111147.00	315.56	315.56
DISCCART	399323.00	4110147.00	338.54	338.54
DISCCART	399323.00	4109147.00	340.81	340.81
DISCCART	399323.00	4108147.00	337.58	337.58
DISCCART	399323.00	4107147.00	347.71	347.71
DISCCART	399323.00	4106147.00	335.67	335.67
DISCCART	399323.00	4105147.00	332.29	332.29
DISCCART	399323.00	4104147.00	353.25	353.25
DISCCART	399323.00	4103147.00	354.82	354.82
DISCCART	399323.00	4102147.00	357.99	357.99
DISCCART	399323.00	4101147.00	357.33	357.33
DISCCART	399323.00	4100147.00	362.93	362.93
DISCCART	399323.00	4099147.00	373.64	373.64
DISCCART	399323.00	4098147.00	376.54	376.54
DISCCART	399323.00	4097147.00	378.00	378.00
DISCCART	399323.00	4096147.00	380.71	380.71
DISCCART	399323.00	4095147.00	388.21	388.21
DISCCART	399323.00	4094147.00	393.49	393.49
DISCCART	399323.00	4093147.00	384.81	384.81
DISCCART	399323.00	4092147.00	376.23	376.23
DISCCART	399323.00	4091147.00	370.51	370.51
DISCCART	399323.00	4090147.00	355.07	360.53
DISCCART	399323.00	4089147.00	339.29	360.26
DISCCART	399323.00	4088147.00	359.65	359.65
DISCCART	399323.00	4087147.00	358.60	364.31
DISCCART	399323.00	4086147.00	355.00	356.65
DISCCART	400323.00	4146147.00	299.44	299.44
DISCCART	400323.00	4145147.00	302.36	302.36
DISCCART	400323.00	4144147.00	312.81	312.81
DISCCART	400323.00	4143147.00	326.78	326.78
DISCCART	400323.00	4142147.00	340.59	340.59
DISCCART	400323.00	4141147.00	327.58	327.58
DISCCART	400323.00	4140147.00	314.75	314.75
DISCCART	400323.00	4139147.00	316.56	316.56
DISCCART	400323.00	4138147.00	315.64	315.64
DISCCART	400323.00	4137147.00	320.09	320.09
DISCCART	400323.00	4136147.00	331.72	331.72
DISCCART	400323.00	4135147.00	327.54	327.54
DISCCART	400323.00	4134147.00	316.73	316.73
DISCCART	400323.00	4133147.00	315.51	315.51
DISCCART	400323.00	4132147.00	317.09	317.09
DISCCART	400323.00	4131147.00	310.85	310.85
DISCCART	400323.00	4130147.00	308.58	308.58
DISCCART	400323.00	4129147.00	314.72	314.72
DISCCART	400323.00	4128147.00	328.93	328.93
DISCCART	400323.00	4127147.00	323.57	323.57
DISCCART	400323.00	4126147.00	316.24	316.24
DISCCART	400323.00	4125147.00	323.93	323.93
DISCCART	400323.00	4124147.00	331.14	331.14
DISCCART	400323.00	4123147.00	329.19	329.19
DISCCART	400323.00	4122147.00	319.46	319.46
DISCCART	400323.00	4121147.00	329.06	329.06
DISCCART	400323.00	4120147.00	334.05	334.05
DISCCART	400323.00	4119147.00	332.92	332.92

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	400323.00	4118147.00	335.48	335.48
DISCCART	400323.00	4117147.00	344.75	344.75
DISCCART	400323.00	4116147.00	342.30	342.30
DISCCART	400323.00	4115147.00	317.43	317.43
DISCCART	400323.00	4114147.00	309.30	309.30
DISCCART	400323.00	4113147.00	328.64	328.64
DISCCART	400323.00	4112147.00	305.34	305.34
DISCCART	400323.00	4111147.00	320.55	320.55
DISCCART	400323.00	4110147.00	320.60	320.60
DISCCART	400323.00	4109147.00	326.63	326.63
DISCCART	400323.00	4108147.00	346.13	346.13
DISCCART	400323.00	4107147.00	353.44	353.44
DISCCART	400323.00	4106147.00	332.21	332.21
DISCCART	400323.00	4105147.00	324.95	324.95
DISCCART	400323.00	4104147.00	350.99	351.43
DISCCART	400323.00	4103147.00	352.55	352.55
DISCCART	400323.00	4102147.00	343.98	343.98
DISCCART	400323.00	4101147.00	347.22	347.22
DISCCART	400323.00	4100147.00	359.89	359.89
DISCCART	400323.00	4099147.00	362.57	362.57
DISCCART	400323.00	4098147.00	371.45	371.45
DISCCART	400323.00	4097147.00	368.80	368.80
DISCCART	400323.00	4096147.00	378.01	378.01
DISCCART	400323.00	4095147.00	386.62	386.62
DISCCART	400323.00	4094147.00	393.27	393.27
DISCCART	400323.00	4093147.00	380.50	380.50
DISCCART	400323.00	4092147.00	372.26	372.26
DISCCART	400323.00	4091147.00	376.87	376.87
DISCCART	400323.00	4090147.00	356.74	360.06
DISCCART	400323.00	4089147.00	338.25	338.25
DISCCART	400323.00	4088147.00	335.44	335.44
DISCCART	400323.00	4087147.00	362.42	366.27
DISCCART	400323.00	4086147.00	360.14	360.14
DISCCART	401323.00	4146147.00	300.33	300.33
DISCCART	401323.00	4145147.00	298.91	298.91
DISCCART	401323.00	4144147.00	301.47	301.47
DISCCART	401323.00	4143147.00	322.30	322.30
DISCCART	401323.00	4142147.00	331.75	331.75
DISCCART	401323.00	4141147.00	335.31	335.31
DISCCART	401323.00	4140147.00	320.86	320.86
DISCCART	401323.00	4139147.00	320.18	320.18
DISCCART	401323.00	4138147.00	319.89	319.89
DISCCART	401323.00	4137147.00	323.93	323.93
DISCCART	401323.00	4136147.00	329.60	329.60
DISCCART	401323.00	4135147.00	329.26	329.26
DISCCART	401323.00	4134147.00	320.80	320.80
DISCCART	401323.00	4133147.00	325.64	325.64
DISCCART	401323.00	4132147.00	327.84	327.84
DISCCART	401323.00	4131147.00	318.89	318.89
DISCCART	401323.00	4130147.00	312.40	312.40
DISCCART	401323.00	4129147.00	317.45	317.45
DISCCART	401323.00	4128147.00	332.32	332.32
DISCCART	401323.00	4127147.00	321.46	321.46
DISCCART	401323.00	4126147.00	319.06	319.06
DISCCART	401323.00	4125147.00	324.62	324.62
DISCCART	401323.00	4124147.00	328.25	328.25
DISCCART	401323.00	4123147.00	335.08	335.08
DISCCART	401323.00	4122147.00	323.15	323.15
DISCCART	401323.00	4121147.00	326.62	326.62
DISCCART	401323.00	4120147.00	332.34	332.34
DISCCART	401323.00	4119147.00	339.22	339.22
DISCCART	401323.00	4118147.00	343.69	343.69
DISCCART	401323.00	4117147.00	347.38	347.38
DISCCART	401323.00	4116147.00	335.82	335.82
DISCCART	401323.00	4115147.00	318.97	318.97
DISCCART	401323.00	4114147.00	333.71	336.77
DISCCART	401323.00	4113147.00	330.57	330.57
DISCCART	401323.00	4112147.00	306.51	306.51
DISCCART	401323.00	4111147.00	317.33	323.59
DISCCART	401323.00	4110147.00	335.24	335.24

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	401323.00	4109147.00	345.38	345.38
DISCCART	401323.00	4108147.00	345.92	345.92
DISCCART	401323.00	4107147.00	355.10	355.10
DISCCART	401323.00	4106147.00	351.50	351.50
DISCCART	401323.00	4105147.00	339.51	339.51
DISCCART	401323.00	4104147.00	336.28	336.28
DISCCART	401323.00	4103147.00	329.45	329.45
DISCCART	401323.00	4102147.00	348.84	348.84
DISCCART	401323.00	4101147.00	357.81	357.81
DISCCART	401323.00	4100147.00	351.49	351.49
DISCCART	401323.00	4099147.00	353.22	353.22
DISCCART	401323.00	4098147.00	365.28	365.28
DISCCART	401323.00	4097147.00	371.32	371.32
DISCCART	401323.00	4096147.00	380.80	380.80
DISCCART	401323.00	4095147.00	389.44	389.44
DISCCART	401323.00	4094147.00	396.98	396.98
DISCCART	401323.00	4093147.00	387.93	387.93
DISCCART	401323.00	4092147.00	372.33	372.33
DISCCART	401323.00	4091147.00	364.44	366.32
DISCCART	401323.00	4090147.00	346.66	351.37
DISCCART	401323.00	4089147.00	366.19	366.19
DISCCART	401323.00	4088147.00	338.38	338.38
DISCCART	401323.00	4087147.00	362.79	362.79
DISCCART	401323.00	4086147.00	372.58	372.58
DISCCART	402323.00	4146147.00	302.56	302.56
DISCCART	402323.00	4145147.00	302.44	302.44
DISCCART	402323.00	4144147.00	301.26	301.26
DISCCART	402323.00	4143147.00	302.70	302.70
DISCCART	402323.00	4142147.00	313.93	313.93
DISCCART	402323.00	4141147.00	331.27	331.27
DISCCART	402323.00	4140147.00	319.39	319.39
DISCCART	402323.00	4139147.00	313.53	313.53
DISCCART	402323.00	4138147.00	323.74	323.74
DISCCART	402323.00	4137147.00	326.56	326.56
DISCCART	402323.00	4136147.00	319.60	319.60
DISCCART	402323.00	4135147.00	323.05	323.05
DISCCART	402323.00	4134147.00	329.53	329.53
DISCCART	402323.00	4133147.00	327.86	327.86
DISCCART	402323.00	4132147.00	327.89	327.89
DISCCART	402323.00	4131147.00	321.62	321.62
DISCCART	402323.00	4130147.00	316.88	316.88
DISCCART	402323.00	4129147.00	317.73	317.73
DISCCART	402323.00	4128147.00	327.43	327.43
DISCCART	402323.00	4127147.00	335.95	335.95
DISCCART	402323.00	4126147.00	320.71	320.71
DISCCART	402323.00	4125147.00	325.63	325.63
DISCCART	402323.00	4124147.00	326.45	326.45
DISCCART	402323.00	4123147.00	340.76	340.76
DISCCART	402323.00	4122147.00	338.51	338.51
DISCCART	402323.00	4121147.00	329.50	329.50
DISCCART	402323.00	4120147.00	331.98	331.98
DISCCART	402323.00	4119147.00	338.83	338.83
DISCCART	402323.00	4118147.00	339.72	339.72
DISCCART	402323.00	4117147.00	333.02	333.02
DISCCART	402323.00	4116147.00	317.12	317.12
DISCCART	402323.00	4115147.00	317.58	317.58
DISCCART	402323.00	4114147.00	322.50	322.50
DISCCART	402323.00	4113147.00	340.76	340.76
DISCCART	402323.00	4112147.00	310.46	336.80
DISCCART	402323.00	4111147.00	309.94	309.94
DISCCART	402323.00	4110147.00	321.39	321.39
DISCCART	402323.00	4109147.00	340.29	340.29
DISCCART	402323.00	4108147.00	337.89	337.89
DISCCART	402323.00	4107147.00	353.30	353.30
DISCCART	402323.00	4106147.00	355.96	355.96
DISCCART	402323.00	4105147.00	349.38	349.38
DISCCART	402323.00	4104147.00	347.88	350.55
DISCCART	402323.00	4103147.00	354.44	354.44
DISCCART	402323.00	4102147.00	344.00	344.00
DISCCART	402323.00	4101147.00	332.45	332.45

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	402323.00	4100147.00	340.16	351.41
DISCCART	402323.00	4099147.00	362.55	362.55
DISCCART	402323.00	4098147.00	368.94	368.94
DISCCART	402323.00	4097147.00	375.71	375.71
DISCCART	402323.00	4096147.00	377.60	377.60
DISCCART	402323.00	4095147.00	378.66	378.66
DISCCART	402323.00	4094147.00	384.07	384.07
DISCCART	402323.00	4093147.00	388.21	388.21
DISCCART	402323.00	4092147.00	384.32	384.32
DISCCART	402323.00	4091147.00	372.78	381.64
DISCCART	402323.00	4090147.00	356.12	361.14
DISCCART	402323.00	4089147.00	372.59	372.59
DISCCART	402323.00	4088147.00	341.54	373.96
DISCCART	402323.00	4087147.00	356.34	356.34
DISCCART	402323.00	4086147.00	359.74	359.74
DISCCART	403323.00	4146147.00	311.51	311.51
DISCCART	403323.00	4145147.00	309.85	309.85
DISCCART	403323.00	4144147.00	302.02	302.02
DISCCART	403323.00	4143147.00	300.77	300.77
DISCCART	403323.00	4142147.00	305.41	305.41
DISCCART	403323.00	4141147.00	314.70	314.70
DISCCART	403323.00	4140147.00	308.67	308.67
DISCCART	403323.00	4139147.00	323.46	323.46
DISCCART	403323.00	4138147.00	322.21	322.21
DISCCART	403323.00	4137147.00	316.19	316.19
DISCCART	403323.00	4136147.00	319.03	319.03
DISCCART	403323.00	4135147.00	321.56	321.56
DISCCART	403323.00	4134147.00	323.90	323.90
DISCCART	403323.00	4133147.00	318.26	318.26
DISCCART	403323.00	4132147.00	320.91	320.91
DISCCART	403323.00	4131147.00	330.83	330.83
DISCCART	403323.00	4130147.00	327.24	327.24
DISCCART	403323.00	4129147.00	319.82	319.82
DISCCART	403323.00	4128147.00	324.62	324.62
DISCCART	403323.00	4127147.00	333.89	333.89
DISCCART	403323.00	4126147.00	328.80	328.80
DISCCART	403323.00	4125147.00	328.78	328.78
DISCCART	403323.00	4124147.00	335.87	335.87
DISCCART	403323.00	4123147.00	340.87	340.87
DISCCART	403323.00	4122147.00	340.35	340.35
DISCCART	403323.00	4121147.00	334.56	334.56
DISCCART	403323.00	4120147.00	337.23	337.23
DISCCART	403323.00	4119147.00	340.91	340.91
DISCCART	403323.00	4118147.00	323.60	323.60
DISCCART	403323.00	4117147.00	320.45	320.45
DISCCART	403323.00	4116147.00	329.82	329.82
DISCCART	403323.00	4115147.00	328.73	328.73
DISCCART	403323.00	4114147.00	339.26	339.26
DISCCART	403323.00	4113147.00	351.34	351.34
DISCCART	403323.00	4112147.00	341.99	341.99
DISCCART	403323.00	4111147.00	311.41	311.41
DISCCART	403323.00	4110147.00	323.39	323.39
DISCCART	403323.00	4109147.00	322.26	322.26
DISCCART	403323.00	4108147.00	342.66	342.66
DISCCART	403323.00	4107147.00	353.30	353.30
DISCCART	403323.00	4106147.00	359.74	359.74
DISCCART	403323.00	4105147.00	357.26	357.26
DISCCART	403323.00	4104147.00	358.11	358.11
DISCCART	403323.00	4103147.00	354.03	354.03
DISCCART	403323.00	4102147.00	356.77	356.77
DISCCART	403323.00	4101147.00	354.26	354.26
DISCCART	403323.00	4100147.00	340.97	340.97
DISCCART	403323.00	4099147.00	349.43	353.50
DISCCART	403323.00	4098147.00	369.09	369.09
DISCCART	403323.00	4097147.00	376.04	376.04
DISCCART	403323.00	4096147.00	370.11	370.11
DISCCART	403323.00	4095147.00	375.62	375.62
DISCCART	403323.00	4094147.00	373.01	373.01
DISCCART	403323.00	4093147.00	385.06	385.06
DISCCART	403323.00	4092147.00	390.58	390.58

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	403323.00	4091147.00	384.76	384.76
DISCCART	403323.00	4090147.00	372.21	372.21
DISCCART	403323.00	4089147.00	369.89	373.37
DISCCART	403323.00	4088147.00	344.54	344.54
DISCCART	403323.00	4087147.00	352.89	373.58
DISCCART	403323.00	4086147.00	382.81	382.81
DISCCART	404323.00	4146147.00	316.89	316.89
DISCCART	404323.00	4145147.00	315.18	315.18
DISCCART	404323.00	4144147.00	311.24	311.24
DISCCART	404323.00	4143147.00	309.58	309.58
DISCCART	404323.00	4142147.00	309.23	309.23
DISCCART	404323.00	4141147.00	306.81	306.81
DISCCART	404323.00	4140147.00	305.46	305.46
DISCCART	404323.00	4139147.00	307.74	307.74
DISCCART	404323.00	4138147.00	308.67	308.67
DISCCART	404323.00	4137147.00	308.15	308.15
DISCCART	404323.00	4136147.00	311.03	311.03
DISCCART	404323.00	4135147.00	317.38	317.38
DISCCART	404323.00	4134147.00	315.03	315.03
DISCCART	404323.00	4133147.00	319.05	319.05
DISCCART	404323.00	4132147.00	321.93	321.93
DISCCART	404323.00	4131147.00	325.56	325.56
DISCCART	404323.00	4130147.00	324.47	324.47
DISCCART	404323.00	4129147.00	326.63	326.63
DISCCART	404323.00	4128147.00	335.17	335.17
DISCCART	404323.00	4127147.00	338.66	338.66
DISCCART	404323.00	4126147.00	336.76	336.76
DISCCART	404323.00	4125147.00	334.99	334.99
DISCCART	404323.00	4124147.00	336.89	336.89
DISCCART	404323.00	4123147.00	341.80	341.80
DISCCART	404323.00	4122147.00	347.60	347.60
DISCCART	404323.00	4121147.00	338.01	338.01
DISCCART	404323.00	4120147.00	337.34	337.34
DISCCART	404323.00	4119147.00	328.37	328.37
DISCCART	404323.00	4118147.00	327.58	327.58
DISCCART	404323.00	4117147.00	342.74	342.74
DISCCART	404323.00	4116147.00	348.54	348.54
DISCCART	404323.00	4115147.00	333.56	333.56
DISCCART	404323.00	4114147.00	333.75	333.75
DISCCART	404323.00	4113147.00	349.35	349.35
DISCCART	404323.00	4112147.00	311.59	348.51
DISCCART	404323.00	4111147.00	314.10	314.10
DISCCART	404323.00	4110147.00	331.46	331.46
DISCCART	404323.00	4109147.00	322.00	322.00
DISCCART	404323.00	4108147.00	339.59	341.67
DISCCART	404323.00	4107147.00	346.06	346.06
DISCCART	404323.00	4106147.00	360.27	360.27
DISCCART	404323.00	4105147.00	362.75	362.75
DISCCART	404323.00	4104147.00	359.80	359.80
DISCCART	404323.00	4103147.00	357.59	357.59
DISCCART	404323.00	4102147.00	356.91	356.91
DISCCART	404323.00	4101147.00	361.62	361.62
DISCCART	404323.00	4100147.00	353.52	353.52
DISCCART	404323.00	4099147.00	341.51	341.51
DISCCART	404323.00	4098147.00	365.32	365.32
DISCCART	404323.00	4097147.00	366.68	366.68
DISCCART	404323.00	4096147.00	362.75	362.75
DISCCART	404323.00	4095147.00	372.25	372.25
DISCCART	404323.00	4094147.00	378.87	378.87
DISCCART	404323.00	4093147.00	384.02	384.02
DISCCART	404323.00	4092147.00	388.60	388.60
DISCCART	404323.00	4091147.00	390.45	390.45
DISCCART	404323.00	4090147.00	371.23	371.23
DISCCART	404323.00	4089147.00	366.20	373.00
DISCCART	404323.00	4088147.00	350.39	350.39
DISCCART	404323.00	4087147.00	376.85	376.85
DISCCART	404323.00	4086147.00	376.96	376.96
DISCCART	405323.00	4146147.00	326.29	326.29
DISCCART	405323.00	4145147.00	310.05	310.05
DISCCART	405323.00	4144147.00	320.11	320.11

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	405323.00	4143147.00	313.86	313.86
DISCCART	405323.00	4142147.00	313.94	313.94
DISCCART	405323.00	4141147.00	304.04	304.04
DISCCART	405323.00	4140147.00	312.98	312.98
DISCCART	405323.00	4139147.00	314.15	314.15
DISCCART	405323.00	4138147.00	318.96	318.96
DISCCART	405323.00	4137147.00	320.35	320.35
DISCCART	405323.00	4136147.00	321.89	321.89
DISCCART	405323.00	4135147.00	315.88	315.88
DISCCART	405323.00	4134147.00	316.66	316.66
DISCCART	405323.00	4133147.00	320.13	320.13
DISCCART	405323.00	4132147.00	329.51	329.51
DISCCART	405323.00	4131147.00	324.88	324.88
DISCCART	405323.00	4130147.00	333.28	333.28
DISCCART	405323.00	4129147.00	337.24	337.24
DISCCART	405323.00	4128147.00	330.11	330.11
DISCCART	405323.00	4127147.00	337.93	337.93
DISCCART	405323.00	4126147.00	341.46	341.46
DISCCART	405323.00	4125147.00	341.72	341.72
DISCCART	405323.00	4124147.00	343.61	343.61
DISCCART	405323.00	4123147.00	340.46	340.46
DISCCART	405323.00	4122147.00	351.67	351.67
DISCCART	405323.00	4121147.00	349.47	349.47
DISCCART	405323.00	4120147.00	338.29	338.29
DISCCART	405323.00	4119147.00	326.14	326.14
DISCCART	405323.00	4118147.00	344.84	344.84
DISCCART	405323.00	4117147.00	345.57	345.57
DISCCART	405323.00	4116147.00	350.34	350.34
DISCCART	405323.00	4115147.00	334.86	334.86
DISCCART	405323.00	4114147.00	344.54	344.54
DISCCART	405323.00	4113147.00	337.77	337.77
DISCCART	405323.00	4112147.00	311.01	311.01
DISCCART	405323.00	4111147.00	316.75	316.75
DISCCART	405323.00	4110147.00	335.76	335.76
DISCCART	405323.00	4109147.00	320.52	338.72
DISCCART	405323.00	4108147.00	338.40	338.40
DISCCART	405323.00	4107147.00	356.19	356.19
DISCCART	405323.00	4106147.00	348.01	348.01
DISCCART	405323.00	4105147.00	354.19	354.19
DISCCART	405323.00	4104147.00	362.90	362.90
DISCCART	405323.00	4103147.00	362.12	362.12
DISCCART	405323.00	4102147.00	359.81	359.81
DISCCART	405323.00	4101147.00	364.88	364.88
DISCCART	405323.00	4100147.00	344.25	344.25
DISCCART	405323.00	4099147.00	365.32	365.32
DISCCART	405323.00	4098147.00	346.78	347.52
DISCCART	405323.00	4097147.00	360.75	360.75
DISCCART	405323.00	4096147.00	366.41	366.41
DISCCART	405323.00	4095147.00	380.80	380.80
DISCCART	405323.00	4094147.00	381.59	381.59
DISCCART	405323.00	4093147.00	390.74	390.74
DISCCART	405323.00	4092147.00	399.38	399.38
DISCCART	405323.00	4091147.00	390.69	390.69
DISCCART	405323.00	4090147.00	377.37	377.37
DISCCART	405323.00	4089147.00	376.38	376.38
DISCCART	405323.00	4088147.00	351.37	351.37
DISCCART	405323.00	4087147.00	360.31	382.00
DISCCART	405323.00	4086147.00	384.41	384.41
DISCCART	406323.00	4146147.00	300.34	329.38
DISCCART	406323.00	4145147.00	305.97	305.97
DISCCART	406323.00	4144147.00	323.94	326.57
DISCCART	406323.00	4143147.00	315.78	315.78
DISCCART	406323.00	4142147.00	315.30	315.30
DISCCART	406323.00	4141147.00	310.56	310.56
DISCCART	406323.00	4140147.00	316.11	316.11
DISCCART	406323.00	4139147.00	308.68	308.68
DISCCART	406323.00	4138147.00	314.07	314.07
DISCCART	406323.00	4137147.00	325.67	325.67
DISCCART	406323.00	4136147.00	321.76	321.76
DISCCART	406323.00	4135147.00	316.37	316.37

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	406323.00	4134147.00	328.96	328.96
DISCCART	406323.00	4133147.00	329.41	329.41
DISCCART	406323.00	4132147.00	332.43	332.43
DISCCART	406323.00	4131147.00	334.88	334.88
DISCCART	406323.00	4130147.00	336.52	336.52
DISCCART	406323.00	4129147.00	340.60	340.60
DISCCART	406323.00	4128147.00	335.66	335.66
DISCCART	406323.00	4127147.00	343.57	343.57
DISCCART	406323.00	4126147.00	345.01	345.01
DISCCART	406323.00	4125147.00	344.02	344.02
DISCCART	406323.00	4124147.00	348.74	348.74
DISCCART	406323.00	4123147.00	346.71	346.71
DISCCART	406323.00	4122147.00	351.82	351.82
DISCCART	406323.00	4121147.00	359.64	359.64
DISCCART	406323.00	4120147.00	345.28	345.28
DISCCART	406323.00	4119147.00	326.42	326.42
DISCCART	406323.00	4118147.00	339.24	341.29
DISCCART	406323.00	4117147.00	350.62	350.62
DISCCART	406323.00	4116147.00	357.95	357.95
DISCCART	406323.00	4115147.00	343.51	343.51
DISCCART	406323.00	4114147.00	355.89	355.89
DISCCART	406323.00	4113147.00	342.75	342.75
DISCCART	406323.00	4112147.00	314.42	314.42
DISCCART	406323.00	4111147.00	331.04	331.04
DISCCART	406323.00	4110147.00	339.47	341.42
DISCCART	406323.00	4109147.00	346.84	346.84
DISCCART	406323.00	4108147.00	332.06	332.06
DISCCART	406323.00	4107147.00	342.35	342.35
DISCCART	406323.00	4106147.00	344.47	344.47
DISCCART	406323.00	4105147.00	346.40	346.40
DISCCART	406323.00	4104147.00	357.29	357.29
DISCCART	406323.00	4103147.00	362.66	362.66
DISCCART	406323.00	4102147.00	368.57	368.57
DISCCART	406323.00	4101147.00	369.21	369.21
DISCCART	406323.00	4100147.00	345.22	345.22
DISCCART	406323.00	4099147.00	369.27	369.27
DISCCART	406323.00	4098147.00	355.20	355.20
DISCCART	406323.00	4097147.00	378.26	378.26
DISCCART	406323.00	4096147.00	381.38	381.38
DISCCART	406323.00	4095147.00	387.03	387.03
DISCCART	406323.00	4094147.00	385.54	385.54
DISCCART	406323.00	4093147.00	391.90	391.90
DISCCART	406323.00	4092147.00	397.28	397.28
DISCCART	406323.00	4091147.00	388.19	388.19
DISCCART	406323.00	4090147.00	377.63	377.63
DISCCART	406323.00	4089147.00	368.55	368.55
DISCCART	406323.00	4088147.00	350.68	374.60
DISCCART	406323.00	4087147.00	381.96	381.96
DISCCART	406323.00	4086147.00	386.76	386.76
DISCCART	407323.00	4146147.00	292.13	302.70
DISCCART	407323.00	4145147.00	305.95	305.95
DISCCART	407323.00	4144147.00	328.41	328.41
DISCCART	407323.00	4143147.00	330.27	330.27
DISCCART	407323.00	4142147.00	316.57	316.57
DISCCART	407323.00	4141147.00	315.95	315.95
DISCCART	407323.00	4140147.00	314.48	314.48
DISCCART	407323.00	4139147.00	320.25	320.25
DISCCART	407323.00	4138147.00	314.16	314.16
DISCCART	407323.00	4137147.00	320.63	320.63
DISCCART	407323.00	4136147.00	320.79	320.79
DISCCART	407323.00	4135147.00	314.64	314.64
DISCCART	407323.00	4134147.00	325.74	325.74
DISCCART	407323.00	4133147.00	334.52	334.52
DISCCART	407323.00	4132147.00	338.55	338.55
DISCCART	407323.00	4131147.00	334.22	334.22
DISCCART	407323.00	4130147.00	333.80	333.80
DISCCART	407323.00	4129147.00	335.85	335.85
DISCCART	407323.00	4128147.00	341.17	341.17
DISCCART	407323.00	4127147.00	342.19	342.19
DISCCART	407323.00	4126147.00	341.11	341.11

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	407323.00	4125147.00	347.71	347.71
DISCCART	407323.00	4124147.00	354.66	354.66
DISCCART	407323.00	4123147.00	352.16	352.16
DISCCART	407323.00	4122147.00	355.91	355.91
DISCCART	407323.00	4121147.00	358.46	358.46
DISCCART	407323.00	4120147.00	339.44	340.39
DISCCART	407323.00	4119147.00	331.44	331.44
DISCCART	407323.00	4118147.00	347.81	347.81
DISCCART	407323.00	4117147.00	352.00	352.00
DISCCART	407323.00	4116147.00	356.18	356.18
DISCCART	407323.00	4115147.00	356.34	356.34
DISCCART	407323.00	4114147.00	359.64	359.64
DISCCART	407323.00	4113147.00	351.79	351.79
DISCCART	407323.00	4112147.00	315.89	315.89
DISCCART	407323.00	4111147.00	330.68	330.68
DISCCART	407323.00	4110147.00	356.40	356.40
DISCCART	407323.00	4109147.00	352.09	352.09
DISCCART	407323.00	4108147.00	355.16	355.16
DISCCART	407323.00	4107147.00	335.21	335.21
DISCCART	407323.00	4106147.00	350.92	350.92
DISCCART	407323.00	4105147.00	360.57	360.57
DISCCART	407323.00	4104147.00	360.53	360.53
DISCCART	407323.00	4103147.00	357.78	359.74
DISCCART	407323.00	4102147.00	373.61	373.61
DISCCART	407323.00	4101147.00	369.15	369.15
DISCCART	407323.00	4100147.00	348.90	348.90
DISCCART	407323.00	4099147.00	375.14	375.14
DISCCART	407323.00	4098147.00	373.51	373.51
DISCCART	407323.00	4097147.00	365.45	365.45
DISCCART	407323.00	4096147.00	385.18	385.18
DISCCART	407323.00	4095147.00	396.94	396.94
DISCCART	407323.00	4094147.00	398.13	398.13
DISCCART	407323.00	4093147.00	402.03	402.03
DISCCART	407323.00	4092147.00	407.00	407.00
DISCCART	407323.00	4091147.00	388.14	388.14
DISCCART	407323.00	4090147.00	381.60	381.60
DISCCART	407323.00	4089147.00	381.62	381.62
DISCCART	407323.00	4088147.00	354.10	354.10
DISCCART	407323.00	4087147.00	375.70	378.04
DISCCART	407323.00	4086147.00	390.75	390.75
DISCCART	408323.00	4146147.00	302.80	302.80
DISCCART	408323.00	4145147.00	299.24	299.24
DISCCART	408323.00	4144147.00	312.31	332.59
DISCCART	408323.00	4143147.00	335.26	335.26
DISCCART	408323.00	4142147.00	318.89	318.89
DISCCART	408323.00	4141147.00	320.85	320.85
DISCCART	408323.00	4140147.00	324.39	324.39
DISCCART	408323.00	4139147.00	323.18	323.18
DISCCART	408323.00	4138147.00	319.25	319.25
DISCCART	408323.00	4137147.00	328.20	328.20
DISCCART	408323.00	4136147.00	329.53	329.53
DISCCART	408323.00	4135147.00	317.99	317.99
DISCCART	408323.00	4134147.00	330.56	330.56
DISCCART	408323.00	4133147.00	322.03	322.03
DISCCART	408323.00	4132147.00	325.94	325.94
DISCCART	408323.00	4131147.00	338.35	338.35
DISCCART	408323.00	4130147.00	336.30	336.30
DISCCART	408323.00	4129147.00	338.61	338.61
DISCCART	408323.00	4128147.00	341.46	341.46
DISCCART	408323.00	4127147.00	348.02	348.02
DISCCART	408323.00	4126147.00	347.30	347.30
DISCCART	408323.00	4125147.00	344.53	344.53
DISCCART	408323.00	4124147.00	354.00	354.00
DISCCART	408323.00	4123147.00	357.33	357.33
DISCCART	408323.00	4122147.00	362.98	362.98
DISCCART	408323.00	4121147.00	348.81	348.81
DISCCART	408323.00	4120147.00	330.91	330.91
DISCCART	408323.00	4119147.00	337.69	337.69
DISCCART	408323.00	4118147.00	354.81	354.81
DISCCART	408323.00	4117147.00	353.38	353.38



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	408323.00	4116147.00	362.28	362.28
DISCCART	408323.00	4115147.00	364.49	364.49
DISCCART	408323.00	4114147.00	357.36	357.36
DISCCART	408323.00	4113147.00	348.64	350.61
DISCCART	408323.00	4112147.00	320.02	330.75
DISCCART	408323.00	4111147.00	317.47	317.47
DISCCART	408323.00	4110147.00	342.74	342.74
DISCCART	408323.00	4109147.00	352.99	352.99
DISCCART	408323.00	4108147.00	359.68	359.68
DISCCART	408323.00	4107147.00	354.38	354.38
DISCCART	408323.00	4106147.00	344.13	344.13
DISCCART	408323.00	4105147.00	359.39	359.39
DISCCART	408323.00	4104147.00	371.48	371.48
DISCCART	408323.00	4103147.00	367.29	367.29
DISCCART	408323.00	4102147.00	372.96	372.96
DISCCART	408323.00	4101147.00	375.41	375.41
DISCCART	408323.00	4100147.00	355.64	355.64
DISCCART	408323.00	4099147.00	365.65	365.65
DISCCART	408323.00	4098147.00	379.95	379.95
DISCCART	408323.00	4097147.00	385.22	385.22
DISCCART	408323.00	4096147.00	381.38	381.38
DISCCART	408323.00	4095147.00	392.62	392.62
DISCCART	408323.00	4094147.00	403.39	403.39
DISCCART	408323.00	4093147.00	412.51	412.51
DISCCART	408323.00	4092147.00	402.35	402.35
DISCCART	408323.00	4091147.00	386.91	386.91
DISCCART	408323.00	4090147.00	384.86	384.86
DISCCART	408323.00	4089147.00	366.07	383.35
DISCCART	408323.00	4088147.00	378.57	378.57
DISCCART	408323.00	4087147.00	386.78	386.78
DISCCART	408323.00	4086147.00	390.23	390.23
DISCCART	409323.00	4146147.00	305.98	305.98
DISCCART	409323.00	4145147.00	303.60	303.60
DISCCART	409323.00	4144147.00	303.27	326.54
DISCCART	409323.00	4143147.00	328.14	328.14
DISCCART	409323.00	4142147.00	313.22	313.22
DISCCART	409323.00	4141147.00	320.12	320.12
DISCCART	409323.00	4140147.00	326.40	326.40
DISCCART	409323.00	4139147.00	317.90	317.90
DISCCART	409323.00	4138147.00	320.64	320.64
DISCCART	409323.00	4137147.00	329.33	329.33
DISCCART	409323.00	4136147.00	335.31	335.31
DISCCART	409323.00	4135147.00	326.60	326.60
DISCCART	409323.00	4134147.00	323.19	323.19
DISCCART	409323.00	4133147.00	329.26	329.26
DISCCART	409323.00	4132147.00	333.17	333.17
DISCCART	409323.00	4131147.00	339.13	339.13
DISCCART	409323.00	4130147.00	341.19	341.19
DISCCART	409323.00	4129147.00	344.10	344.10
DISCCART	409323.00	4128147.00	347.63	347.63
DISCCART	409323.00	4127147.00	353.78	353.78
DISCCART	409323.00	4126147.00	356.79	356.79
DISCCART	409323.00	4125147.00	345.41	345.41
DISCCART	409323.00	4124147.00	349.35	349.35
DISCCART	409323.00	4123147.00	359.78	359.78
DISCCART	409323.00	4122147.00	344.22	344.22
DISCCART	409323.00	4121147.00	336.45	336.45
DISCCART	409323.00	4120147.00	336.18	336.18
DISCCART	409323.00	4119147.00	352.46	352.46
DISCCART	409323.00	4118147.00	353.30	353.30
DISCCART	409323.00	4117147.00	353.26	353.26
DISCCART	409323.00	4116147.00	368.62	368.62
DISCCART	409323.00	4115147.00	356.39	356.39
DISCCART	409323.00	4114147.00	340.94	340.94
DISCCART	409323.00	4113147.00	329.25	329.25
DISCCART	409323.00	4112147.00	345.33	345.33
DISCCART	409323.00	4111147.00	317.12	317.12
DISCCART	409323.00	4110147.00	333.87	333.87
DISCCART	409323.00	4109147.00	344.94	344.94
DISCCART	409323.00	4108147.00	356.36	356.36

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	409323.00	4107147.00	361.46	361.46
DISCCART	409323.00	4106147.00	353.18	353.18
DISCCART	409323.00	4105147.00	363.54	363.54
DISCCART	409323.00	4104147.00	368.41	368.41
DISCCART	409323.00	4103147.00	375.54	375.54
DISCCART	409323.00	4102147.00	369.72	369.72
DISCCART	409323.00	4101147.00	380.86	380.86
DISCCART	409323.00	4100147.00	358.77	358.77
DISCCART	409323.00	4099147.00	378.39	378.39
DISCCART	409323.00	4098147.00	384.84	384.84
DISCCART	409323.00	4097147.00	384.55	384.55
DISCCART	409323.00	4096147.00	393.23	393.23
DISCCART	409323.00	4095147.00	391.00	391.00
DISCCART	409323.00	4094147.00	404.96	404.96
DISCCART	409323.00	4093147.00	418.48	418.48
DISCCART	409323.00	4092147.00	398.96	398.96
DISCCART	409323.00	4091147.00	393.33	393.33
DISCCART	409323.00	4090147.00	385.11	387.24
DISCCART	409323.00	4089147.00	362.30	362.30
DISCCART	409323.00	4088147.00	377.84	384.20
DISCCART	409323.00	4087147.00	384.16	384.16
DISCCART	409323.00	4086147.00	390.62	390.62
DISCCART	369323.00	4125147.00	279.53	279.53
DISCCART	369323.00	4124147.00	265.31	265.31
DISCCART	369323.00	4123147.00	275.76	275.76
DISCCART	369323.00	4122147.00	280.55	280.55
DISCCART	369323.00	4121147.00	296.32	296.32
DISCCART	369323.00	4120147.00	296.67	296.67
DISCCART	369323.00	4119147.00	286.74	286.74
DISCCART	369323.00	4118147.00	290.26	290.26
DISCCART	369323.00	4117147.00	281.89	303.67
DISCCART	369323.00	4116147.00	271.25	271.25
DISCCART	369323.00	4115147.00	272.49	272.49
DISCCART	369323.00	4114147.00	283.57	283.57
DISCCART	369323.00	4113147.00	290.97	290.97
DISCCART	369323.00	4112147.00	307.09	307.09
DISCCART	369323.00	4111147.00	300.69	300.69
DISCCART	369323.00	4110147.00	314.63	314.63
DISCCART	369323.00	4109147.00	313.69	313.69
DISCCART	369323.00	4108147.00	301.71	301.71
DISCCART	369323.00	4107147.00	311.21	311.21
DISCCART	369323.00	4106147.00	302.23	302.23
DISCCART	369323.00	4105147.00	313.15	313.15
DISCCART	369323.00	4104147.00	335.66	335.66
DISCCART	369323.00	4103147.00	322.46	322.46
DISCCART	369323.00	4102147.00	318.57	318.57
DISCCART	369323.00	4101147.00	316.91	316.91
DISCCART	369323.00	4100147.00	320.95	320.95
DISCCART	369323.00	4099147.00	288.78	321.86
DISCCART	369323.00	4098147.00	284.25	311.99
DISCCART	369323.00	4097147.00	281.02	281.02
DISCCART	369323.00	4096147.00	306.52	326.62
DISCCART	369323.00	4095147.00	307.47	329.94
DISCCART	369323.00	4094147.00	320.13	330.73
DISCCART	369323.00	4093147.00	338.35	338.35
DISCCART	369323.00	4092147.00	326.30	326.30
DISCCART	369323.00	4091147.00	335.28	335.28
DISCCART	369323.00	4090147.00	331.96	331.96
DISCCART	369323.00	4089147.00	317.69	317.69
DISCCART	369323.00	4088147.00	329.86	329.86
DISCCART	369323.00	4087147.00	336.67	336.67
DISCCART	369323.00	4086147.00	338.94	338.94
DISCCART	368323.00	4125147.00	266.02	266.02
DISCCART	368323.00	4124147.00	273.32	273.32
DISCCART	368323.00	4123147.00	282.47	282.47
DISCCART	368323.00	4122147.00	292.28	292.28
DISCCART	368323.00	4121147.00	290.00	290.00
DISCCART	368323.00	4120147.00	294.67	294.67
DISCCART	368323.00	4119147.00	294.75	294.75
DISCCART	368323.00	4118147.00	295.95	295.95

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	368323.00	4117147.00	295.64	295.64
DISCCART	368323.00	4116147.00	291.00	291.00
DISCCART	368323.00	4115147.00	269.22	269.22
DISCCART	368323.00	4114147.00	291.26	296.51
DISCCART	368323.00	4113147.00	283.93	283.93
DISCCART	368323.00	4112147.00	292.39	292.39
DISCCART	368323.00	4111147.00	299.93	299.93
DISCCART	368323.00	4110147.00	308.04	308.04
DISCCART	368323.00	4109147.00	313.87	313.87
DISCCART	368323.00	4108147.00	304.64	304.64
DISCCART	368323.00	4107147.00	296.11	299.90
DISCCART	368323.00	4106147.00	310.36	311.91
DISCCART	368323.00	4105147.00	318.12	320.31
DISCCART	368323.00	4104147.00	315.30	315.30
DISCCART	368323.00	4103147.00	320.05	320.05
DISCCART	368323.00	4102147.00	317.38	317.38
DISCCART	368323.00	4101147.00	313.43	313.43
DISCCART	368323.00	4100147.00	323.96	323.96
DISCCART	368323.00	4099147.00	322.57	323.75
DISCCART	368323.00	4098147.00	289.71	315.90
DISCCART	368323.00	4097147.00	277.55	277.55
DISCCART	368323.00	4096147.00	305.54	324.77
DISCCART	368323.00	4095147.00	322.93	329.36
DISCCART	368323.00	4094147.00	339.17	339.17
DISCCART	368323.00	4093147.00	345.62	345.62
DISCCART	368323.00	4092147.00	341.35	341.35
DISCCART	368323.00	4091147.00	353.59	353.59
DISCCART	368323.00	4090147.00	338.32	338.32
DISCCART	368323.00	4089147.00	328.41	328.41
DISCCART	368323.00	4088147.00	334.95	334.95
DISCCART	368323.00	4087147.00	337.88	337.88
DISCCART	368323.00	4086147.00	319.98	333.07
DISCCART	367323.00	4125147.00	264.96	264.96
DISCCART	367323.00	4124147.00	275.90	275.90
DISCCART	367323.00	4123147.00	285.69	285.69
DISCCART	367323.00	4122147.00	285.87	285.87
DISCCART	367323.00	4121147.00	291.64	291.64
DISCCART	367323.00	4120147.00	297.49	299.70
DISCCART	367323.00	4119147.00	295.63	295.63
DISCCART	367323.00	4118147.00	286.73	286.73
DISCCART	367323.00	4117147.00	284.47	284.47
DISCCART	367323.00	4116147.00	284.17	284.17
DISCCART	367323.00	4115147.00	265.30	265.30
DISCCART	367323.00	4114147.00	296.58	296.58
DISCCART	367323.00	4113147.00	289.66	289.66
DISCCART	367323.00	4112147.00	297.10	297.10
DISCCART	367323.00	4111147.00	301.25	301.25
DISCCART	367323.00	4110147.00	303.81	303.81
DISCCART	367323.00	4109147.00	316.07	316.07
DISCCART	367323.00	4108147.00	311.43	311.43
DISCCART	367323.00	4107147.00	288.88	288.88
DISCCART	367323.00	4106147.00	315.79	315.79
DISCCART	367323.00	4105147.00	320.47	320.47
DISCCART	367323.00	4104147.00	313.34	313.34
DISCCART	367323.00	4103147.00	319.39	319.39
DISCCART	367323.00	4102147.00	316.28	316.28
DISCCART	367323.00	4101147.00	322.04	322.04
DISCCART	367323.00	4100147.00	308.20	317.44
DISCCART	367323.00	4099147.00	308.37	315.18
DISCCART	367323.00	4098147.00	313.15	313.15
DISCCART	367323.00	4097147.00	277.34	277.34
DISCCART	367323.00	4096147.00	324.42	324.42
DISCCART	367323.00	4095147.00	327.43	330.60
DISCCART	367323.00	4094147.00	334.10	334.10
DISCCART	367323.00	4093147.00	338.58	338.58
DISCCART	367323.00	4092147.00	345.36	345.36
DISCCART	367323.00	4091147.00	349.63	349.63
DISCCART	367323.00	4090147.00	348.23	348.23
DISCCART	367323.00	4089147.00	345.23	345.23
DISCCART	367323.00	4088147.00	336.30	336.30

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	367323.00	4087147.00	332.23	332.23
DISCCART	367323.00	4086147.00	316.46	328.22
DISCCART	366323.00	4125147.00	271.50	271.50
DISCCART	366323.00	4124147.00	280.27	280.27
DISCCART	366323.00	4123147.00	283.90	283.90
DISCCART	366323.00	4122147.00	289.36	289.36
DISCCART	366323.00	4121147.00	292.62	292.62
DISCCART	366323.00	4120147.00	297.56	297.56
DISCCART	366323.00	4119147.00	293.82	293.82
DISCCART	366323.00	4118147.00	293.01	293.01
DISCCART	366323.00	4117147.00	284.04	284.04
DISCCART	366323.00	4116147.00	281.28	281.28
DISCCART	366323.00	4115147.00	268.15	268.15
DISCCART	366323.00	4114147.00	289.49	289.49
DISCCART	366323.00	4113147.00	290.63	290.63
DISCCART	366323.00	4112147.00	292.47	292.47
DISCCART	366323.00	4111147.00	295.90	295.90
DISCCART	366323.00	4110147.00	297.07	297.07
DISCCART	366323.00	4109147.00	299.98	299.98
DISCCART	366323.00	4108147.00	297.69	302.20
DISCCART	366323.00	4107147.00	307.25	307.25
DISCCART	366323.00	4106147.00	299.14	299.14
DISCCART	366323.00	4105147.00	299.84	299.84
DISCCART	366323.00	4104147.00	307.60	307.60
DISCCART	366323.00	4103147.00	314.72	314.72
DISCCART	366323.00	4102147.00	327.01	327.01
DISCCART	366323.00	4101147.00	321.11	321.11
DISCCART	366323.00	4100147.00	302.79	302.79
DISCCART	366323.00	4099147.00	284.38	312.38
DISCCART	366323.00	4098147.00	286.57	310.46
DISCCART	366323.00	4097147.00	277.51	277.51
DISCCART	366323.00	4096147.00	280.95	320.96
DISCCART	366323.00	4095147.00	304.14	331.07
DISCCART	366323.00	4094147.00	329.85	329.85
DISCCART	366323.00	4093147.00	315.37	315.37
DISCCART	366323.00	4092147.00	347.91	347.91
DISCCART	366323.00	4091147.00	354.51	354.51
DISCCART	366323.00	4090147.00	352.08	352.08
DISCCART	366323.00	4089147.00	344.83	344.83
DISCCART	366323.00	4088147.00	333.62	333.62
DISCCART	366323.00	4087147.00	322.20	334.91
DISCCART	366323.00	4086147.00	313.71	332.88
DISCCART	365323.00	4125147.00	270.81	270.81
DISCCART	365323.00	4124147.00	271.59	271.59
DISCCART	365323.00	4123147.00	285.33	285.33
DISCCART	365323.00	4122147.00	283.84	283.84
DISCCART	365323.00	4121147.00	292.98	292.98
DISCCART	365323.00	4120147.00	291.96	291.96
DISCCART	365323.00	4119147.00	289.07	289.07
DISCCART	365323.00	4118147.00	281.55	281.55
DISCCART	365323.00	4117147.00	278.74	278.74
DISCCART	365323.00	4116147.00	272.06	272.06
DISCCART	365323.00	4115147.00	268.64	268.64
DISCCART	365323.00	4114147.00	285.93	285.93
DISCCART	365323.00	4113147.00	289.80	289.80
DISCCART	365323.00	4112147.00	290.46	290.46
DISCCART	365323.00	4111147.00	291.77	291.77
DISCCART	365323.00	4110147.00	303.73	303.73
DISCCART	365323.00	4109147.00	308.48	308.48
DISCCART	365323.00	4108147.00	280.54	280.54
DISCCART	365323.00	4107147.00	292.04	296.79
DISCCART	365323.00	4106147.00	302.04	302.04
DISCCART	365323.00	4105147.00	306.93	306.93
DISCCART	365323.00	4104147.00	311.81	311.81
DISCCART	365323.00	4103147.00	317.64	317.64
DISCCART	365323.00	4102147.00	318.41	318.41
DISCCART	365323.00	4101147.00	303.53	303.53
DISCCART	365323.00	4100147.00	302.03	302.03
DISCCART	365323.00	4099147.00	289.04	299.00
DISCCART	365323.00	4098147.00	277.49	277.49

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	365323.00	4097147.00	307.25	321.89
DISCCART	365323.00	4096147.00	310.48	327.78
DISCCART	365323.00	4095147.00	300.64	320.78
DISCCART	365323.00	4094147.00	333.73	333.73
DISCCART	365323.00	4093147.00	335.44	342.31
DISCCART	365323.00	4092147.00	341.74	341.74
DISCCART	365323.00	4091147.00	344.97	347.51
DISCCART	365323.00	4090147.00	357.16	357.16
DISCCART	365323.00	4089147.00	354.13	354.13
DISCCART	365323.00	4088147.00	343.88	343.88
DISCCART	365323.00	4087147.00	325.75	332.07
DISCCART	365323.00	4086147.00	312.63	327.08
DISCCART	364323.00	4125147.00	262.21	262.21
DISCCART	364323.00	4124147.00	273.84	273.84
DISCCART	364323.00	4123147.00	274.55	274.55
DISCCART	364323.00	4122147.00	287.17	287.17
DISCCART	364323.00	4121147.00	284.23	284.23
DISCCART	364323.00	4120147.00	281.50	281.50
DISCCART	364323.00	4119147.00	287.35	287.35
DISCCART	364323.00	4118147.00	289.42	289.42
DISCCART	364323.00	4117147.00	283.55	283.55
DISCCART	364323.00	4116147.00	285.65	285.65
DISCCART	364323.00	4115147.00	284.15	284.15
DISCCART	364323.00	4114147.00	262.60	285.58
DISCCART	364323.00	4113147.00	268.31	288.25
DISCCART	364323.00	4112147.00	289.83	289.83
DISCCART	364323.00	4111147.00	289.62	289.62
DISCCART	364323.00	4110147.00	303.01	303.01
DISCCART	364323.00	4109147.00	304.14	304.14
DISCCART	364323.00	4108147.00	277.58	287.16
DISCCART	364323.00	4107147.00	292.73	292.73
DISCCART	364323.00	4106147.00	298.92	298.92
DISCCART	364323.00	4105147.00	313.01	313.01
DISCCART	364323.00	4104147.00	317.45	317.45
DISCCART	364323.00	4103147.00	314.71	314.71
DISCCART	364323.00	4102147.00	304.96	305.86
DISCCART	364323.00	4101147.00	283.12	309.59
DISCCART	364323.00	4100147.00	295.83	309.98
DISCCART	364323.00	4099147.00	285.66	312.31
DISCCART	364323.00	4098147.00	305.28	315.39
DISCCART	364323.00	4097147.00	294.85	308.79
DISCCART	364323.00	4096147.00	324.72	324.72
DISCCART	364323.00	4095147.00	337.24	337.24
DISCCART	364323.00	4094147.00	320.15	320.15
DISCCART	364323.00	4093147.00	337.53	337.53
DISCCART	364323.00	4092147.00	341.21	341.21
DISCCART	364323.00	4091147.00	345.26	345.26
DISCCART	364323.00	4090147.00	355.32	355.32
DISCCART	364323.00	4089147.00	356.43	356.43
DISCCART	364323.00	4088147.00	350.49	350.49
DISCCART	364323.00	4087147.00	344.15	344.15
DISCCART	364323.00	4086147.00	334.67	334.67
DISCCART	363323.00	4125147.00	260.82	260.82
DISCCART	363323.00	4124147.00	269.40	269.40
DISCCART	363323.00	4123147.00	273.09	273.09
DISCCART	363323.00	4122147.00	281.08	281.08
DISCCART	363323.00	4121147.00	275.63	275.63
DISCCART	363323.00	4120147.00	278.68	278.68
DISCCART	363323.00	4119147.00	281.51	281.51
DISCCART	363323.00	4118147.00	279.97	279.97
DISCCART	363323.00	4117147.00	278.50	278.50
DISCCART	363323.00	4116147.00	272.26	272.26
DISCCART	363323.00	4115147.00	266.30	266.30
DISCCART	363323.00	4114147.00	277.38	280.51
DISCCART	363323.00	4113147.00	285.39	285.39
DISCCART	363323.00	4112147.00	286.96	286.96
DISCCART	363323.00	4111147.00	297.19	297.19
DISCCART	363323.00	4110147.00	305.84	305.84
DISCCART	363323.00	4109147.00	290.84	295.66
DISCCART	363323.00	4108147.00	299.47	299.47

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	363323.00	4107147.00	295.42	295.42
DISCCART	363323.00	4106147.00	308.02	308.02
DISCCART	363323.00	4105147.00	317.06	317.06
DISCCART	363323.00	4104147.00	314.14	314.14
DISCCART	363323.00	4103147.00	319.35	319.35
DISCCART	363323.00	4102147.00	317.09	317.09
DISCCART	363323.00	4101147.00	307.99	311.22
DISCCART	363323.00	4100147.00	272.00	272.00
DISCCART	363323.00	4099147.00	300.47	311.62
DISCCART	363323.00	4098147.00	328.44	328.44
DISCCART	363323.00	4097147.00	313.97	334.69
DISCCART	363323.00	4096147.00	335.61	335.61
DISCCART	363323.00	4095147.00	326.12	342.50
DISCCART	363323.00	4094147.00	338.38	338.38
DISCCART	363323.00	4093147.00	332.92	332.92
DISCCART	363323.00	4092147.00	329.21	329.21
DISCCART	363323.00	4091147.00	344.70	344.70
DISCCART	363323.00	4090147.00	337.35	337.35
DISCCART	363323.00	4089147.00	357.46	357.46
DISCCART	363323.00	4088147.00	356.27	356.27
DISCCART	363323.00	4087147.00	341.30	354.39
DISCCART	363323.00	4086147.00	332.83	338.40
DISCCART	362323.00	4125147.00	262.78	262.78
DISCCART	362323.00	4124147.00	259.84	259.84
DISCCART	362323.00	4123147.00	264.61	264.61
DISCCART	362323.00	4122147.00	270.46	270.46
DISCCART	362323.00	4121147.00	276.95	276.95
DISCCART	362323.00	4120147.00	277.07	277.07
DISCCART	362323.00	4119147.00	282.00	282.00
DISCCART	362323.00	4118147.00	282.95	282.95
DISCCART	362323.00	4117147.00	280.22	280.22
DISCCART	362323.00	4116147.00	275.29	275.29
DISCCART	362323.00	4115147.00	271.27	278.97
DISCCART	362323.00	4114147.00	264.22	277.67
DISCCART	362323.00	4113147.00	284.76	284.76
DISCCART	362323.00	4112147.00	282.53	282.53
DISCCART	362323.00	4111147.00	296.22	296.22
DISCCART	362323.00	4110147.00	289.88	289.88
DISCCART	362323.00	4109147.00	272.51	272.51
DISCCART	362323.00	4108147.00	296.57	296.57
DISCCART	362323.00	4107147.00	299.26	299.26
DISCCART	362323.00	4106147.00	309.26	309.26
DISCCART	362323.00	4105147.00	315.41	315.41
DISCCART	362323.00	4104147.00	309.95	309.95
DISCCART	362323.00	4103147.00	319.41	319.41
DISCCART	362323.00	4102147.00	299.83	299.83
DISCCART	362323.00	4101147.00	308.04	308.04
DISCCART	362323.00	4100147.00	277.50	277.50
DISCCART	362323.00	4099147.00	269.00	269.00
DISCCART	362323.00	4098147.00	306.52	336.01
DISCCART	362323.00	4097147.00	342.67	344.19
DISCCART	362323.00	4096147.00	337.97	342.21
DISCCART	362323.00	4095147.00	343.78	343.78
DISCCART	362323.00	4094147.00	341.42	341.42
DISCCART	362323.00	4093147.00	339.66	339.66
DISCCART	362323.00	4092147.00	319.64	319.64
DISCCART	362323.00	4091147.00	326.81	330.94
DISCCART	362323.00	4090147.00	343.08	343.08
DISCCART	362323.00	4089147.00	352.15	352.15
DISCCART	362323.00	4088147.00	346.88	346.88
DISCCART	362323.00	4087147.00	355.39	355.39
DISCCART	362323.00	4086147.00	332.57	332.57
DISCCART	361323.00	4125147.00	270.84	270.84
DISCCART	361323.00	4124147.00	263.02	263.02
DISCCART	361323.00	4123147.00	261.09	261.09
DISCCART	361323.00	4122147.00	265.08	265.08
DISCCART	361323.00	4121147.00	274.88	274.88
DISCCART	361323.00	4120147.00	271.78	271.78
DISCCART	361323.00	4119147.00	271.44	271.44
DISCCART	361323.00	4118147.00	280.67	280.67

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	361323.00	4117147.00	277.89	277.89
DISCCART	361323.00	4116147.00	275.08	275.08
DISCCART	361323.00	4115147.00	267.47	267.47
DISCCART	361323.00	4114147.00	259.37	279.17
DISCCART	361323.00	4113147.00	280.90	280.90
DISCCART	361323.00	4112147.00	284.88	284.88
DISCCART	361323.00	4111147.00	294.01	294.01
DISCCART	361323.00	4110147.00	290.78	290.78
DISCCART	361323.00	4109147.00	268.81	268.81
DISCCART	361323.00	4108147.00	288.16	290.27
DISCCART	361323.00	4107147.00	304.22	304.22
DISCCART	361323.00	4106147.00	307.76	307.76
DISCCART	361323.00	4105147.00	322.25	322.25
DISCCART	361323.00	4104147.00	306.76	306.76
DISCCART	361323.00	4103147.00	314.83	314.83
DISCCART	361323.00	4102147.00	315.97	315.97
DISCCART	361323.00	4101147.00	286.40	308.30
DISCCART	361323.00	4100147.00	268.12	268.12
DISCCART	361323.00	4099147.00	274.13	321.11
DISCCART	361323.00	4098147.00	318.52	334.12
DISCCART	361323.00	4097147.00	339.39	339.39
DISCCART	361323.00	4096147.00	332.29	332.29
DISCCART	361323.00	4095147.00	341.20	341.20
DISCCART	361323.00	4094147.00	356.54	356.54
DISCCART	361323.00	4093147.00	342.20	342.20
DISCCART	361323.00	4092147.00	327.28	327.28
DISCCART	361323.00	4091147.00	326.54	326.54
DISCCART	361323.00	4090147.00	342.59	342.59
DISCCART	361323.00	4089147.00	347.33	347.33
DISCCART	361323.00	4088147.00	339.08	339.08
DISCCART	361323.00	4087147.00	353.78	353.78
DISCCART	361323.00	4086147.00	346.06	346.06
DISCCART	360323.00	4125147.00	268.94	268.94
DISCCART	360323.00	4124147.00	272.83	272.83
DISCCART	360323.00	4123147.00	262.20	262.20
DISCCART	360323.00	4122147.00	259.10	259.10
DISCCART	360323.00	4121147.00	266.43	266.43
DISCCART	360323.00	4120147.00	266.61	266.61
DISCCART	360323.00	4119147.00	271.15	271.15
DISCCART	360323.00	4118147.00	275.04	275.04
DISCCART	360323.00	4117147.00	277.79	277.79
DISCCART	360323.00	4116147.00	274.23	274.23
DISCCART	360323.00	4115147.00	271.59	271.59
DISCCART	360323.00	4114147.00	258.79	258.79
DISCCART	360323.00	4113147.00	285.87	285.87
DISCCART	360323.00	4112147.00	290.08	290.08
DISCCART	360323.00	4111147.00	293.35	293.35
DISCCART	360323.00	4110147.00	289.55	289.55
DISCCART	360323.00	4109147.00	263.69	288.20
DISCCART	360323.00	4108147.00	293.41	293.41
DISCCART	360323.00	4107147.00	295.88	295.88
DISCCART	360323.00	4106147.00	303.83	303.83
DISCCART	360323.00	4105147.00	316.14	316.14
DISCCART	360323.00	4104147.00	307.83	307.83
DISCCART	360323.00	4103147.00	314.67	314.67
DISCCART	360323.00	4102147.00	314.75	314.75
DISCCART	360323.00	4101147.00	305.82	305.82
DISCCART	360323.00	4100147.00	264.64	264.64
DISCCART	360323.00	4099147.00	315.16	315.16
DISCCART	360323.00	4098147.00	320.12	334.61
DISCCART	360323.00	4097147.00	333.91	333.91
DISCCART	360323.00	4096147.00	318.43	318.43
DISCCART	360323.00	4095147.00	333.29	333.29
DISCCART	360323.00	4094147.00	338.39	338.39
DISCCART	360323.00	4093147.00	338.07	338.07
DISCCART	360323.00	4092147.00	329.71	329.71
DISCCART	360323.00	4091147.00	333.74	333.74
DISCCART	360323.00	4090147.00	342.66	342.66
DISCCART	360323.00	4089147.00	334.45	334.45
DISCCART	360323.00	4088147.00	340.02	340.02

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	360323.00	4087147.00	345.66	345.66
DISCCART	360323.00	4086147.00	339.16	339.16
DISCCART	359323.00	4125147.00	276.15	276.15
DISCCART	359323.00	4124147.00	271.18	271.18
DISCCART	359323.00	4123147.00	268.85	268.85
DISCCART	359323.00	4122147.00	269.01	269.01
DISCCART	359323.00	4121147.00	256.58	256.58
DISCCART	359323.00	4120147.00	264.26	264.26
DISCCART	359323.00	4119147.00	267.09	267.09
DISCCART	359323.00	4118147.00	268.89	268.89
DISCCART	359323.00	4117147.00	270.19	270.19
DISCCART	359323.00	4116147.00	275.14	275.14
DISCCART	359323.00	4115147.00	274.02	285.01
DISCCART	359323.00	4114147.00	256.10	256.10
DISCCART	359323.00	4113147.00	281.65	281.65
DISCCART	359323.00	4112147.00	280.39	280.39
DISCCART	359323.00	4111147.00	273.89	273.89
DISCCART	359323.00	4110147.00	282.80	282.80
DISCCART	359323.00	4109147.00	282.06	283.27
DISCCART	359323.00	4108147.00	286.84	286.84
DISCCART	359323.00	4107147.00	289.75	289.75
DISCCART	359323.00	4106147.00	296.22	296.22
DISCCART	359323.00	4105147.00	303.73	303.73
DISCCART	359323.00	4104147.00	311.28	311.28
DISCCART	359323.00	4103147.00	307.97	307.97
DISCCART	359323.00	4102147.00	312.69	312.69
DISCCART	359323.00	4101147.00	298.64	303.42
DISCCART	359323.00	4100147.00	256.11	313.87
DISCCART	359323.00	4099147.00	279.91	312.32
DISCCART	359323.00	4098147.00	296.27	320.86
DISCCART	359323.00	4097147.00	319.90	319.90
DISCCART	359323.00	4096147.00	323.40	323.40
DISCCART	359323.00	4095147.00	319.32	319.32
DISCCART	359323.00	4094147.00	319.37	326.71
DISCCART	359323.00	4093147.00	330.67	332.76
DISCCART	359323.00	4092147.00	302.53	336.79
DISCCART	359323.00	4091147.00	321.38	326.56
DISCCART	359323.00	4090147.00	335.47	335.47
DISCCART	359323.00	4089147.00	323.14	323.14
DISCCART	359323.00	4088147.00	342.48	342.48
DISCCART	359323.00	4087147.00	338.78	338.78
DISCCART	359323.00	4086147.00	335.93	335.93
DISCCART	358323.00	4125147.00	274.99	274.99
DISCCART	358323.00	4124147.00	277.98	277.98
DISCCART	358323.00	4123147.00	273.65	273.65
DISCCART	358323.00	4122147.00	265.55	265.55
DISCCART	358323.00	4121147.00	256.19	273.31
DISCCART	358323.00	4120147.00	259.21	259.21
DISCCART	358323.00	4119147.00	263.60	263.60
DISCCART	358323.00	4118147.00	261.99	261.99
DISCCART	358323.00	4117147.00	263.81	263.81
DISCCART	358323.00	4116147.00	273.65	273.65
DISCCART	358323.00	4115147.00	264.12	264.12
DISCCART	358323.00	4114147.00	256.08	256.08
DISCCART	358323.00	4113147.00	267.45	267.45
DISCCART	358323.00	4112147.00	267.90	267.90
DISCCART	358323.00	4111147.00	283.23	283.23
DISCCART	358323.00	4110147.00	262.83	262.83
DISCCART	358323.00	4109147.00	284.97	287.69
DISCCART	358323.00	4108147.00	291.01	291.01
DISCCART	358323.00	4107147.00	288.38	288.38
DISCCART	358323.00	4106147.00	287.07	287.07
DISCCART	358323.00	4105147.00	302.00	302.00
DISCCART	358323.00	4104147.00	304.19	304.19
DISCCART	358323.00	4103147.00	299.12	299.12
DISCCART	358323.00	4102147.00	308.60	308.60
DISCCART	358323.00	4101147.00	305.88	305.88
DISCCART	358323.00	4100147.00	261.87	303.38
DISCCART	358323.00	4099147.00	294.18	299.82
DISCCART	358323.00	4098147.00	288.34	317.37



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358323.00	4097147.00	299.47	312.49
DISCCART	358323.00	4096147.00	314.19	314.19
DISCCART	358323.00	4095147.00	299.34	299.34
DISCCART	358323.00	4094147.00	327.25	327.25
DISCCART	358323.00	4093147.00	318.88	318.88
DISCCART	358323.00	4092147.00	303.82	324.97
DISCCART	358323.00	4091147.00	338.72	338.72
DISCCART	358323.00	4090147.00	326.27	326.27
DISCCART	358323.00	4089147.00	319.86	324.19
DISCCART	358323.00	4088147.00	336.19	336.19
DISCCART	358323.00	4087147.00	338.64	338.64
DISCCART	358323.00	4086147.00	336.32	336.32
DISCCART	357323.00	4125147.00	271.52	271.52
DISCCART	357323.00	4124147.00	271.71	271.71
DISCCART	357323.00	4123147.00	268.77	268.77
DISCCART	357323.00	4122147.00	266.65	266.65
DISCCART	357323.00	4121147.00	271.43	271.43
DISCCART	357323.00	4120147.00	254.04	266.85
DISCCART	357323.00	4119147.00	254.13	254.13
DISCCART	357323.00	4118147.00	259.43	259.43
DISCCART	357323.00	4117147.00	263.61	263.61
DISCCART	357323.00	4116147.00	263.10	263.10
DISCCART	357323.00	4115147.00	262.82	262.82
DISCCART	357323.00	4114147.00	259.96	259.96
DISCCART	357323.00	4113147.00	253.10	253.10
DISCCART	357323.00	4112147.00	268.30	268.30
DISCCART	357323.00	4111147.00	274.35	277.98
DISCCART	357323.00	4110147.00	256.88	256.88
DISCCART	357323.00	4109147.00	286.70	286.70
DISCCART	357323.00	4108147.00	290.53	290.53
DISCCART	357323.00	4107147.00	290.32	290.32
DISCCART	357323.00	4106147.00	286.96	286.96
DISCCART	357323.00	4105147.00	284.05	284.05
DISCCART	357323.00	4104147.00	302.12	302.12
DISCCART	357323.00	4103147.00	305.05	305.05
DISCCART	357323.00	4102147.00	304.85	304.85
DISCCART	357323.00	4101147.00	287.04	300.86
DISCCART	357323.00	4100147.00	255.77	255.77
DISCCART	357323.00	4099147.00	299.58	299.58
DISCCART	357323.00	4098147.00	290.82	306.15
DISCCART	357323.00	4097147.00	314.62	316.19
DISCCART	357323.00	4096147.00	329.21	329.21
DISCCART	357323.00	4095147.00	295.13	323.50
DISCCART	357323.00	4094147.00	316.53	316.53
DISCCART	357323.00	4093147.00	295.17	306.35
DISCCART	357323.00	4092147.00	308.26	318.27
DISCCART	357323.00	4091147.00	326.67	326.67
DISCCART	357323.00	4090147.00	307.83	314.49
DISCCART	357323.00	4089147.00	332.38	332.38
DISCCART	357323.00	4088147.00	335.15	335.15
DISCCART	357323.00	4087147.00	332.43	332.43
DISCCART	357323.00	4086147.00	332.06	332.06
DISCCART	356323.00	4125147.00	271.10	271.10
DISCCART	356323.00	4124147.00	268.01	268.01
DISCCART	356323.00	4123147.00	269.58	269.58
DISCCART	356323.00	4122147.00	268.96	277.79
DISCCART	356323.00	4121147.00	272.44	272.44
DISCCART	356323.00	4120147.00	269.25	269.25
DISCCART	356323.00	4119147.00	267.64	267.64
DISCCART	356323.00	4118147.00	256.57	256.57
DISCCART	356323.00	4117147.00	257.60	257.60
DISCCART	356323.00	4116147.00	275.89	275.89
DISCCART	356323.00	4115147.00	258.51	258.51
DISCCART	356323.00	4114147.00	256.48	256.48
DISCCART	356323.00	4113147.00	250.01	250.01
DISCCART	356323.00	4112147.00	249.76	249.76
DISCCART	356323.00	4111147.00	277.88	277.88
DISCCART	356323.00	4110147.00	252.30	252.30
DISCCART	356323.00	4109147.00	290.91	290.91
DISCCART	356323.00	4108147.00	293.62	293.62

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	356323.00	4107147.00	295.24	295.24
DISCCART	356323.00	4106147.00	273.67	290.08
DISCCART	356323.00	4105147.00	299.22	299.22
DISCCART	356323.00	4104147.00	290.03	290.03
DISCCART	356323.00	4103147.00	295.85	295.85
DISCCART	356323.00	4102147.00	304.04	304.04
DISCCART	356323.00	4101147.00	301.68	301.68
DISCCART	356323.00	4100147.00	253.01	253.01
DISCCART	356323.00	4099147.00	288.48	310.14
DISCCART	356323.00	4098147.00	295.50	311.40
DISCCART	356323.00	4097147.00	315.94	315.94
DISCCART	356323.00	4096147.00	317.27	317.27
DISCCART	356323.00	4095147.00	291.80	316.37
DISCCART	356323.00	4094147.00	302.90	302.90
DISCCART	356323.00	4093147.00	293.58	309.35
DISCCART	356323.00	4092147.00	317.86	317.86
DISCCART	356323.00	4091147.00	317.59	317.59
DISCCART	356323.00	4090147.00	319.44	323.10
DISCCART	356323.00	4089147.00	319.68	319.68
DISCCART	356323.00	4088147.00	314.68	314.68
DISCCART	356323.00	4087147.00	310.42	310.42
DISCCART	356323.00	4086147.00	330.86	330.86
DISCCART	355323.00	4125147.00	272.85	272.85
DISCCART	355323.00	4124147.00	270.58	270.58
DISCCART	355323.00	4123147.00	265.21	265.21
DISCCART	355323.00	4122147.00	270.43	270.43
DISCCART	355323.00	4121147.00	271.20	271.20
DISCCART	355323.00	4120147.00	271.83	271.83
DISCCART	355323.00	4119147.00	264.42	264.42
DISCCART	355323.00	4118147.00	249.93	253.99
DISCCART	355323.00	4117147.00	255.64	255.64
DISCCART	355323.00	4116147.00	253.33	253.33
DISCCART	355323.00	4115147.00	253.08	253.08
DISCCART	355323.00	4114147.00	255.40	260.50
DISCCART	355323.00	4113147.00	262.93	262.93
DISCCART	355323.00	4112147.00	253.52	253.52
DISCCART	355323.00	4111147.00	250.36	250.36
DISCCART	355323.00	4110147.00	261.18	269.12
DISCCART	355323.00	4109147.00	276.84	276.84
DISCCART	355323.00	4108147.00	281.54	281.54
DISCCART	355323.00	4107147.00	288.24	288.24
DISCCART	355323.00	4106147.00	273.73	284.63
DISCCART	355323.00	4105147.00	280.65	286.23
DISCCART	355323.00	4104147.00	296.82	296.82
DISCCART	355323.00	4103147.00	296.89	296.89
DISCCART	355323.00	4102147.00	302.62	302.62
DISCCART	355323.00	4101147.00	276.22	295.18
DISCCART	355323.00	4100147.00	253.07	304.93
DISCCART	355323.00	4099147.00	281.87	309.09
DISCCART	355323.00	4098147.00	302.12	302.12
DISCCART	355323.00	4097147.00	303.57	303.57
DISCCART	355323.00	4096147.00	310.03	310.03
DISCCART	355323.00	4095147.00	303.76	313.15
DISCCART	355323.00	4094147.00	274.31	314.76
DISCCART	355323.00	4093147.00	309.73	315.57
DISCCART	355323.00	4092147.00	312.74	312.74
DISCCART	355323.00	4091147.00	313.73	313.73
DISCCART	355323.00	4090147.00	315.17	315.17
DISCCART	355323.00	4089147.00	312.40	312.40
DISCCART	355323.00	4088147.00	304.00	304.00
DISCCART	355323.00	4087147.00	313.20	313.20
DISCCART	355323.00	4086147.00	316.90	316.90
DISCCART	354323.00	4125147.00	268.35	268.35
DISCCART	354323.00	4124147.00	265.64	265.64
DISCCART	354323.00	4123147.00	262.14	262.14
DISCCART	354323.00	4122147.00	268.35	268.35
DISCCART	354323.00	4121147.00	265.07	265.07
DISCCART	354323.00	4120147.00	261.56	261.56
DISCCART	354323.00	4119147.00	256.11	256.11
DISCCART	354323.00	4118147.00	253.90	253.90

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	354323.00	4117147.00	253.57	253.57
DISCCART	354323.00	4116147.00	252.68	252.68
DISCCART	354323.00	4115147.00	251.38	252.85
DISCCART	354323.00	4114147.00	262.82	262.82
DISCCART	354323.00	4113147.00	263.49	263.49
DISCCART	354323.00	4112147.00	257.40	257.40
DISCCART	354323.00	4111147.00	253.16	253.16
DISCCART	354323.00	4110147.00	265.89	265.89
DISCCART	354323.00	4109147.00	270.23	270.23
DISCCART	354323.00	4108147.00	267.44	274.19
DISCCART	354323.00	4107147.00	271.44	271.44
DISCCART	354323.00	4106147.00	289.50	289.50
DISCCART	354323.00	4105147.00	268.11	268.11
DISCCART	354323.00	4104147.00	281.47	281.47
DISCCART	354323.00	4103147.00	294.10	294.10
DISCCART	354323.00	4102147.00	297.31	297.31
DISCCART	354323.00	4101147.00	266.87	287.49
DISCCART	354323.00	4100147.00	255.71	255.71
DISCCART	354323.00	4099147.00	301.13	301.13
DISCCART	354323.00	4098147.00	301.31	301.31
DISCCART	354323.00	4097147.00	295.54	295.54
DISCCART	354323.00	4096147.00	304.85	304.85
DISCCART	354323.00	4095147.00	306.29	306.29
DISCCART	354323.00	4094147.00	295.49	309.06
DISCCART	354323.00	4093147.00	298.08	298.08
DISCCART	354323.00	4092147.00	300.25	300.25
DISCCART	354323.00	4091147.00	306.70	306.70
DISCCART	354323.00	4090147.00	291.28	291.28
DISCCART	354323.00	4089147.00	292.45	302.11
DISCCART	354323.00	4088147.00	309.13	309.13
DISCCART	354323.00	4087147.00	307.41	307.41
DISCCART	354323.00	4086147.00	308.05	308.05
DISCCART	353323.00	4125147.00	262.53	262.53
DISCCART	353323.00	4124147.00	263.22	263.22
DISCCART	353323.00	4123147.00	259.91	259.91
DISCCART	353323.00	4122147.00	261.29	261.29
DISCCART	353323.00	4121147.00	253.23	257.39
DISCCART	353323.00	4120147.00	256.82	256.82
DISCCART	353323.00	4119147.00	253.07	266.05
DISCCART	353323.00	4118147.00	260.38	260.38
DISCCART	353323.00	4117147.00	259.67	259.67
DISCCART	353323.00	4116147.00	266.96	266.96
DISCCART	353323.00	4115147.00	269.38	269.38
DISCCART	353323.00	4114147.00	275.92	275.92
DISCCART	353323.00	4113147.00	268.50	268.50
DISCCART	353323.00	4112147.00	258.98	258.98
DISCCART	353323.00	4111147.00	246.89	246.89
DISCCART	353323.00	4110147.00	252.74	252.74
DISCCART	353323.00	4109147.00	250.41	250.41
DISCCART	353323.00	4108147.00	258.25	269.99
DISCCART	353323.00	4107147.00	268.26	275.21
DISCCART	353323.00	4106147.00	287.19	287.19
DISCCART	353323.00	4105147.00	260.35	260.35
DISCCART	353323.00	4104147.00	274.09	274.09
DISCCART	353323.00	4103147.00	276.75	276.75
DISCCART	353323.00	4102147.00	276.26	276.26
DISCCART	353323.00	4101147.00	253.54	253.54
DISCCART	353323.00	4100147.00	290.03	290.03
DISCCART	353323.00	4099147.00	291.49	291.49
DISCCART	353323.00	4098147.00	289.29	293.19
DISCCART	353323.00	4097147.00	303.25	303.25
DISCCART	353323.00	4096147.00	290.18	304.12
DISCCART	353323.00	4095147.00	293.95	293.95
DISCCART	353323.00	4094147.00	283.96	299.00
DISCCART	353323.00	4093147.00	286.11	286.11
DISCCART	353323.00	4092147.00	286.56	286.56
DISCCART	353323.00	4091147.00	287.64	287.64
DISCCART	353323.00	4090147.00	295.92	295.92
DISCCART	353323.00	4089147.00	292.76	292.76
DISCCART	353323.00	4088147.00	300.88	300.88

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	353323.00	4087147.00	306.15	306.15
DISCCART	353323.00	4086147.00	308.86	308.86
DISCCART	352323.00	4125147.00	259.49	259.49
DISCCART	352323.00	4124147.00	258.97	258.97
DISCCART	352323.00	4123147.00	257.16	259.66
DISCCART	352323.00	4122147.00	257.31	257.31
DISCCART	352323.00	4121147.00	267.00	267.00
DISCCART	352323.00	4120147.00	259.34	259.34
DISCCART	352323.00	4119147.00	266.31	266.31
DISCCART	352323.00	4118147.00	265.08	265.08
DISCCART	352323.00	4117147.00	267.99	267.99
DISCCART	352323.00	4116147.00	266.97	266.97
DISCCART	352323.00	4115147.00	264.95	264.95
DISCCART	352323.00	4114147.00	267.71	267.71
DISCCART	352323.00	4113147.00	265.64	265.64
DISCCART	352323.00	4112147.00	266.52	266.52
DISCCART	352323.00	4111147.00	256.50	256.50
DISCCART	352323.00	4110147.00	250.04	250.04
DISCCART	352323.00	4109147.00	249.92	249.92
DISCCART	352323.00	4108147.00	247.97	247.97
DISCCART	352323.00	4107147.00	264.10	273.25
DISCCART	352323.00	4106147.00	254.16	254.16
DISCCART	352323.00	4105147.00	279.45	279.45
DISCCART	352323.00	4104147.00	268.55	268.55
DISCCART	352323.00	4103147.00	274.88	274.88
DISCCART	352323.00	4102147.00	268.32	268.32
DISCCART	352323.00	4101147.00	251.66	251.66
DISCCART	352323.00	4100147.00	283.41	287.78
DISCCART	352323.00	4099147.00	286.40	289.10
DISCCART	352323.00	4098147.00	281.07	281.07
DISCCART	352323.00	4097147.00	282.47	282.47
DISCCART	352323.00	4096147.00	281.79	281.79
DISCCART	352323.00	4095147.00	287.13	296.65
DISCCART	352323.00	4094147.00	289.52	292.98
DISCCART	352323.00	4093147.00	269.71	269.71
DISCCART	352323.00	4092147.00	277.14	277.14
DISCCART	352323.00	4091147.00	281.29	281.29
DISCCART	352323.00	4090147.00	286.46	289.35
DISCCART	352323.00	4089147.00	297.14	297.14
DISCCART	352323.00	4088147.00	298.58	298.58
DISCCART	352323.00	4087147.00	279.87	280.79
DISCCART	352323.00	4086147.00	292.09	292.09
DISCCART	351323.00	4125147.00	266.56	266.56
DISCCART	351323.00	4124147.00	268.12	268.12
DISCCART	351323.00	4123147.00	259.89	259.89
DISCCART	351323.00	4122147.00	263.01	263.01
DISCCART	351323.00	4121147.00	268.66	268.66
DISCCART	351323.00	4120147.00	262.54	262.54
DISCCART	351323.00	4119147.00	269.30	269.30
DISCCART	351323.00	4118147.00	269.57	269.57
DISCCART	351323.00	4117147.00	267.04	267.04
DISCCART	351323.00	4116147.00	265.26	265.26
DISCCART	351323.00	4115147.00	261.71	261.71
DISCCART	351323.00	4114147.00	260.93	260.93
DISCCART	351323.00	4113147.00	259.31	259.31
DISCCART	351323.00	4112147.00	273.93	273.93
DISCCART	351323.00	4111147.00	264.14	264.14
DISCCART	351323.00	4110147.00	256.48	258.72
DISCCART	351323.00	4109147.00	259.98	259.98
DISCCART	351323.00	4108147.00	248.73	248.73
DISCCART	351323.00	4107147.00	247.16	247.16
DISCCART	351323.00	4106147.00	254.73	254.73
DISCCART	351323.00	4105147.00	255.57	255.57
DISCCART	351323.00	4104147.00	274.99	274.99
DISCCART	351323.00	4103147.00	280.98	280.98
DISCCART	351323.00	4102147.00	282.08	282.08
DISCCART	351323.00	4101147.00	259.27	278.31
DISCCART	351323.00	4100147.00	252.91	282.99
DISCCART	351323.00	4099147.00	277.44	277.44
DISCCART	351323.00	4098147.00	284.89	284.89

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	351323.00	4097147.00	270.83	270.83
DISCCART	351323.00	4096147.00	275.78	289.74
DISCCART	351323.00	4095147.00	271.02	271.02
DISCCART	351323.00	4094147.00	283.24	286.93
DISCCART	351323.00	4093147.00	263.51	263.51
DISCCART	351323.00	4092147.00	263.17	263.17
DISCCART	351323.00	4091147.00	270.97	270.97
DISCCART	351323.00	4090147.00	284.07	284.07
DISCCART	351323.00	4089147.00	291.45	291.45
DISCCART	351323.00	4088147.00	292.66	292.66
DISCCART	351323.00	4087147.00	276.00	291.11
DISCCART	351323.00	4086147.00	297.13	297.13
DISCCART	350323.00	4125147.00	272.97	272.97
DISCCART	350323.00	4124147.00	267.81	267.81
DISCCART	350323.00	4123147.00	262.12	262.12
DISCCART	350323.00	4122147.00	265.28	265.28
DISCCART	350323.00	4121147.00	266.74	266.74
DISCCART	350323.00	4120147.00	265.54	265.54
DISCCART	350323.00	4119147.00	271.23	271.23
DISCCART	350323.00	4118147.00	268.75	268.75
DISCCART	350323.00	4117147.00	266.07	266.07
DISCCART	350323.00	4116147.00	264.44	264.44
DISCCART	350323.00	4115147.00	259.28	259.28
DISCCART	350323.00	4114147.00	259.32	259.32
DISCCART	350323.00	4113147.00	260.32	260.32
DISCCART	350323.00	4112147.00	266.01	266.01
DISCCART	350323.00	4111147.00	259.22	259.22
DISCCART	350323.00	4110147.00	253.02	253.02
DISCCART	350323.00	4109147.00	256.46	256.46
DISCCART	350323.00	4108147.00	248.08	248.08
DISCCART	350323.00	4107147.00	250.33	250.33
DISCCART	350323.00	4106147.00	246.83	246.83
DISCCART	350323.00	4105147.00	249.01	249.01
DISCCART	350323.00	4104147.00	269.66	273.30
DISCCART	350323.00	4103147.00	269.40	269.40
DISCCART	350323.00	4102147.00	269.93	271.58
DISCCART	350323.00	4101147.00	247.02	247.02
DISCCART	350323.00	4100147.00	278.10	278.10
DISCCART	350323.00	4099147.00	273.12	273.12
DISCCART	350323.00	4098147.00	281.90	281.90
DISCCART	350323.00	4097147.00	264.07	281.31
DISCCART	350323.00	4096147.00	280.66	284.47
DISCCART	350323.00	4095147.00	249.37	284.56
DISCCART	350323.00	4094147.00	270.48	270.48
DISCCART	350323.00	4093147.00	278.43	284.86
DISCCART	350323.00	4092147.00	284.43	284.43
DISCCART	350323.00	4091147.00	273.95	273.95
DISCCART	350323.00	4090147.00	281.07	281.07
DISCCART	350323.00	4089147.00	269.92	269.92
DISCCART	350323.00	4088147.00	276.16	276.16
DISCCART	350323.00	4087147.00	270.91	270.91
DISCCART	350323.00	4086147.00	287.87	287.87
DISCCART	349323.00	4125147.00	271.54	271.54
DISCCART	349323.00	4124147.00	264.21	264.21
DISCCART	349323.00	4123147.00	268.02	268.02
DISCCART	349323.00	4122147.00	271.84	271.84
DISCCART	349323.00	4121147.00	268.95	268.95
DISCCART	349323.00	4120147.00	268.63	268.63
DISCCART	349323.00	4119147.00	268.16	268.16
DISCCART	349323.00	4118147.00	263.90	263.90
DISCCART	349323.00	4117147.00	260.76	260.76
DISCCART	349323.00	4116147.00	259.01	259.01
DISCCART	349323.00	4115147.00	263.21	263.21
DISCCART	349323.00	4114147.00	265.86	265.86
DISCCART	349323.00	4113147.00	265.28	265.28
DISCCART	349323.00	4112147.00	268.36	268.36
DISCCART	349323.00	4111147.00	263.34	263.34
DISCCART	349323.00	4110147.00	256.08	256.08
DISCCART	349323.00	4109147.00	258.36	258.36
DISCCART	349323.00	4108147.00	259.45	259.45

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	349323.00	4107147.00	262.59	262.59
DISCCART	349323.00	4106147.00	262.64	262.64
DISCCART	349323.00	4105147.00	248.84	248.84
DISCCART	349323.00	4104147.00	246.07	246.07
DISCCART	349323.00	4103147.00	247.47	247.47
DISCCART	349323.00	4102147.00	248.02	248.02
DISCCART	349323.00	4101147.00	251.20	263.01
DISCCART	349323.00	4100147.00	264.80	264.80
DISCCART	349323.00	4099147.00	265.24	265.24
DISCCART	349323.00	4098147.00	277.38	277.38
DISCCART	349323.00	4097147.00	256.54	256.54
DISCCART	349323.00	4096147.00	261.92	261.92
DISCCART	349323.00	4095147.00	261.56	275.50
DISCCART	349323.00	4094147.00	238.80	238.80
DISCCART	349323.00	4093147.00	270.55	270.55
DISCCART	349323.00	4092147.00	268.40	268.40
DISCCART	349323.00	4091147.00	271.99	271.99
DISCCART	349323.00	4090147.00	252.17	252.17
DISCCART	349323.00	4089147.00	274.52	274.52
DISCCART	349323.00	4088147.00	281.29	281.29
DISCCART	349323.00	4087147.00	281.72	281.72
DISCCART	349323.00	4086147.00	248.13	291.36
DISCCART	348323.00	4125147.00	266.05	266.05
DISCCART	348323.00	4124147.00	270.43	270.43
DISCCART	348323.00	4123147.00	269.21	269.21
DISCCART	348323.00	4122147.00	274.32	274.32
DISCCART	348323.00	4121147.00	271.94	271.94
DISCCART	348323.00	4120147.00	266.92	266.92
DISCCART	348323.00	4119147.00	262.23	262.23
DISCCART	348323.00	4118147.00	267.39	267.39
DISCCART	348323.00	4117147.00	262.98	262.98
DISCCART	348323.00	4116147.00	268.85	268.85
DISCCART	348323.00	4115147.00	266.10	266.10
DISCCART	348323.00	4114147.00	269.17	269.17
DISCCART	348323.00	4113147.00	271.23	271.23
DISCCART	348323.00	4112147.00	262.29	262.29
DISCCART	348323.00	4111147.00	259.83	259.83
DISCCART	348323.00	4110147.00	259.90	259.90
DISCCART	348323.00	4109147.00	259.25	259.25
DISCCART	348323.00	4108147.00	259.51	259.51
DISCCART	348323.00	4107147.00	260.13	260.13
DISCCART	348323.00	4106147.00	255.39	255.39
DISCCART	348323.00	4105147.00	253.40	253.40
DISCCART	348323.00	4104147.00	251.58	251.58
DISCCART	348323.00	4103147.00	244.43	244.43
DISCCART	348323.00	4102147.00	247.20	247.20
DISCCART	348323.00	4101147.00	250.76	250.76
DISCCART	348323.00	4100147.00	248.49	248.49
DISCCART	348323.00	4099147.00	252.83	252.83
DISCCART	348323.00	4098147.00	256.31	262.93
DISCCART	348323.00	4097147.00	250.28	250.28
DISCCART	348323.00	4096147.00	242.49	242.49
DISCCART	348323.00	4095147.00	238.21	238.21
DISCCART	348323.00	4094147.00	240.57	240.57
DISCCART	348323.00	4093147.00	267.90	267.90
DISCCART	348323.00	4092147.00	267.19	267.19
DISCCART	348323.00	4091147.00	268.17	268.17
DISCCART	348323.00	4090147.00	252.24	266.06
DISCCART	348323.00	4089147.00	271.59	271.59
DISCCART	348323.00	4088147.00	283.84	283.84
DISCCART	348323.00	4087147.00	273.70	273.70
DISCCART	348323.00	4086147.00	262.39	270.03
DISCCART	347323.00	4125147.00	272.35	272.35
DISCCART	347323.00	4124147.00	274.57	274.57
DISCCART	347323.00	4123147.00	274.59	274.59
DISCCART	347323.00	4122147.00	274.92	274.92
DISCCART	347323.00	4121147.00	268.05	268.05
DISCCART	347323.00	4120147.00	263.50	263.50
DISCCART	347323.00	4119147.00	270.06	270.06
DISCCART	347323.00	4118147.00	267.71	267.71

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	347323.00	4117147.00	262.25	262.25
DISCCART	347323.00	4116147.00	267.17	267.17
DISCCART	347323.00	4115147.00	266.11	266.11
DISCCART	347323.00	4114147.00	274.59	274.59
DISCCART	347323.00	4113147.00	277.08	277.08
DISCCART	347323.00	4112147.00	267.42	267.42
DISCCART	347323.00	4111147.00	268.77	268.77
DISCCART	347323.00	4110147.00	264.43	264.43
DISCCART	347323.00	4109147.00	263.49	263.49
DISCCART	347323.00	4108147.00	262.97	262.97
DISCCART	347323.00	4107147.00	258.53	258.53
DISCCART	347323.00	4106147.00	258.94	258.94
DISCCART	347323.00	4105147.00	258.75	258.75
DISCCART	347323.00	4104147.00	251.25	251.25
DISCCART	347323.00	4103147.00	240.43	240.43
DISCCART	347323.00	4102147.00	245.53	245.53
DISCCART	347323.00	4101147.00	245.00	245.00
DISCCART	347323.00	4100147.00	243.25	243.25
DISCCART	347323.00	4099147.00	244.37	244.37
DISCCART	347323.00	4098147.00	243.24	243.24
DISCCART	347323.00	4097147.00	240.93	240.93
DISCCART	347323.00	4096147.00	272.45	272.45
DISCCART	347323.00	4095147.00	259.65	259.65
DISCCART	347323.00	4094147.00	241.82	241.82
DISCCART	347323.00	4093147.00	244.13	263.52
DISCCART	347323.00	4092147.00	262.82	269.83
DISCCART	347323.00	4091147.00	230.86	257.58
DISCCART	347323.00	4090147.00	256.96	256.96
DISCCART	347323.00	4089147.00	271.07	271.07
DISCCART	347323.00	4088147.00	270.72	270.72
DISCCART	347323.00	4087147.00	255.68	262.99
DISCCART	347323.00	4086147.00	263.35	263.35
DISCCART	346323.00	4125147.00	274.01	274.01
DISCCART	346323.00	4124147.00	275.85	275.85
DISCCART	346323.00	4123147.00	273.34	273.34
DISCCART	346323.00	4122147.00	268.67	268.67
DISCCART	346323.00	4121147.00	265.49	265.49
DISCCART	346323.00	4120147.00	272.77	272.77
DISCCART	346323.00	4119147.00	268.35	268.35
DISCCART	346323.00	4118147.00	262.68	262.68
DISCCART	346323.00	4117147.00	265.72	265.72
DISCCART	346323.00	4116147.00	271.80	271.80
DISCCART	346323.00	4115147.00	272.44	272.44
DISCCART	346323.00	4114147.00	274.72	274.72
DISCCART	346323.00	4113147.00	290.29	290.29
DISCCART	346323.00	4112147.00	278.13	278.13
DISCCART	346323.00	4111147.00	275.59	275.59
DISCCART	346323.00	4110147.00	282.34	282.34
DISCCART	346323.00	4109147.00	262.21	262.21
DISCCART	346323.00	4108147.00	256.58	256.58
DISCCART	346323.00	4107147.00	260.91	261.93
DISCCART	346323.00	4106147.00	253.40	253.40
DISCCART	346323.00	4105147.00	252.60	252.60
DISCCART	346323.00	4104147.00	249.90	249.90
DISCCART	346323.00	4103147.00	240.38	240.38
DISCCART	346323.00	4102147.00	239.67	239.67
DISCCART	346323.00	4101147.00	238.68	238.68
DISCCART	346323.00	4100147.00	242.64	242.64
DISCCART	346323.00	4099147.00	250.89	255.72
DISCCART	346323.00	4098147.00	252.31	252.31
DISCCART	346323.00	4097147.00	255.24	255.24
DISCCART	346323.00	4096147.00	262.26	262.26
DISCCART	346323.00	4095147.00	255.17	255.17
DISCCART	346323.00	4094147.00	240.47	240.47
DISCCART	346323.00	4093147.00	237.71	257.11
DISCCART	346323.00	4092147.00	245.82	266.75
DISCCART	346323.00	4091147.00	253.93	253.93
DISCCART	346323.00	4090147.00	231.10	252.30
DISCCART	346323.00	4089147.00	249.98	249.98
DISCCART	346323.00	4088147.00	257.38	257.38

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	346323.00	4087147.00	262.04	262.04
DISCCART	346323.00	4086147.00	263.77	263.77
DISCCART	345323.00	4125147.00	277.91	277.91
DISCCART	345323.00	4124147.00	276.49	276.49
DISCCART	345323.00	4123147.00	268.39	268.39
DISCCART	345323.00	4122147.00	273.29	273.29
DISCCART	345323.00	4121147.00	274.05	274.05
DISCCART	345323.00	4120147.00	269.10	269.10
DISCCART	345323.00	4119147.00	268.51	268.51
DISCCART	345323.00	4118147.00	270.83	270.83
DISCCART	345323.00	4117147.00	268.89	268.89
DISCCART	345323.00	4116147.00	269.56	269.56
DISCCART	345323.00	4115147.00	279.18	279.18
DISCCART	345323.00	4114147.00	282.86	282.86
DISCCART	345323.00	4113147.00	292.79	292.79
DISCCART	345323.00	4112147.00	290.40	290.40
DISCCART	345323.00	4111147.00	268.52	268.52
DISCCART	345323.00	4110147.00	266.05	274.17
DISCCART	345323.00	4109147.00	256.44	256.44
DISCCART	345323.00	4108147.00	256.04	256.04
DISCCART	345323.00	4107147.00	252.39	252.39
DISCCART	345323.00	4106147.00	250.55	250.55
DISCCART	345323.00	4105147.00	242.49	242.49
DISCCART	345323.00	4104147.00	241.56	241.56
DISCCART	345323.00	4103147.00	246.92	250.48
DISCCART	345323.00	4102147.00	254.29	254.29
DISCCART	345323.00	4101147.00	249.21	249.21
DISCCART	345323.00	4100147.00	253.47	253.47
DISCCART	345323.00	4099147.00	251.69	251.69
DISCCART	345323.00	4098147.00	256.42	256.42
DISCCART	345323.00	4097147.00	259.83	259.83
DISCCART	345323.00	4096147.00	256.59	256.59
DISCCART	345323.00	4095147.00	256.57	256.57
DISCCART	345323.00	4094147.00	256.35	256.35
DISCCART	345323.00	4093147.00	254.72	254.72
DISCCART	345323.00	4092147.00	266.66	266.66
DISCCART	345323.00	4091147.00	257.98	257.98
DISCCART	345323.00	4090147.00	238.67	260.09
DISCCART	345323.00	4089147.00	239.71	239.71
DISCCART	345323.00	4088147.00	243.39	243.39
DISCCART	345323.00	4087147.00	228.83	228.83
DISCCART	345323.00	4086147.00	236.07	236.07
DISCCART	344323.00	4125147.00	275.25	275.25
DISCCART	344323.00	4124147.00	271.78	271.78
DISCCART	344323.00	4123147.00	273.88	273.88
DISCCART	344323.00	4122147.00	278.54	278.54
DISCCART	344323.00	4121147.00	272.30	272.30
DISCCART	344323.00	4120147.00	271.07	271.07
DISCCART	344323.00	4119147.00	265.42	265.42
DISCCART	344323.00	4118147.00	271.61	271.61
DISCCART	344323.00	4117147.00	269.45	269.45
DISCCART	344323.00	4116147.00	272.53	272.53
DISCCART	344323.00	4115147.00	278.79	278.79
DISCCART	344323.00	4114147.00	299.07	299.07
DISCCART	344323.00	4113147.00	274.24	274.24
DISCCART	344323.00	4112147.00	277.11	295.69
DISCCART	344323.00	4111147.00	269.93	269.93
DISCCART	344323.00	4110147.00	263.39	263.39
DISCCART	344323.00	4109147.00	261.59	261.59
DISCCART	344323.00	4108147.00	258.13	258.13
DISCCART	344323.00	4107147.00	255.21	255.21
DISCCART	344323.00	4106147.00	250.70	250.70
DISCCART	344323.00	4105147.00	245.02	245.02
DISCCART	344323.00	4104147.00	257.19	257.19
DISCCART	344323.00	4103147.00	254.86	254.86
DISCCART	344323.00	4102147.00	253.88	253.88
DISCCART	344323.00	4101147.00	248.05	248.05
DISCCART	344323.00	4100147.00	250.66	250.66
DISCCART	344323.00	4099147.00	258.17	258.17
DISCCART	344323.00	4098147.00	256.18	256.18



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	344323.00	4097147.00	255.98	255.98
DISCCART	344323.00	4096147.00	258.28	258.28
DISCCART	344323.00	4095147.00	252.78	252.78
DISCCART	344323.00	4094147.00	253.17	253.17
DISCCART	344323.00	4093147.00	259.25	259.25
DISCCART	344323.00	4092147.00	269.16	269.16
DISCCART	344323.00	4091147.00	261.08	261.08
DISCCART	344323.00	4090147.00	246.08	246.08
DISCCART	344323.00	4089147.00	249.23	249.23
DISCCART	344323.00	4088147.00	260.06	260.06
DISCCART	344323.00	4087147.00	259.37	259.37
DISCCART	344323.00	4086147.00	257.45	257.45
DISCCART	343323.00	4125147.00	276.29	276.29
DISCCART	343323.00	4124147.00	278.36	278.36
DISCCART	343323.00	4123147.00	276.65	276.65
DISCCART	343323.00	4122147.00	275.44	275.44
DISCCART	343323.00	4121147.00	270.39	270.39
DISCCART	343323.00	4120147.00	271.21	271.21
DISCCART	343323.00	4119147.00	266.12	266.12
DISCCART	343323.00	4118147.00	273.99	273.99
DISCCART	343323.00	4117147.00	270.88	270.88
DISCCART	343323.00	4116147.00	276.98	276.98
DISCCART	343323.00	4115147.00	286.83	286.83
DISCCART	343323.00	4114147.00	271.39	271.39
DISCCART	343323.00	4113147.00	268.78	268.78
DISCCART	343323.00	4112147.00	263.46	263.46
DISCCART	343323.00	4111147.00	261.68	261.68
DISCCART	343323.00	4110147.00	282.72	285.07
DISCCART	343323.00	4109147.00	260.69	260.69
DISCCART	343323.00	4108147.00	256.28	256.28
DISCCART	343323.00	4107147.00	250.48	250.48
DISCCART	343323.00	4106147.00	247.87	247.87
DISCCART	343323.00	4105147.00	255.48	255.48
DISCCART	343323.00	4104147.00	256.20	256.20
DISCCART	343323.00	4103147.00	259.49	259.49
DISCCART	343323.00	4102147.00	256.95	256.95
DISCCART	343323.00	4101147.00	251.43	251.43
DISCCART	343323.00	4100147.00	254.36	254.36
DISCCART	343323.00	4099147.00	256.13	256.13
DISCCART	343323.00	4098147.00	257.37	257.37
DISCCART	343323.00	4097147.00	260.29	260.29
DISCCART	343323.00	4096147.00	256.11	256.11
DISCCART	343323.00	4095147.00	255.68	255.68
DISCCART	343323.00	4094147.00	255.15	255.15
DISCCART	343323.00	4093147.00	258.90	258.90
DISCCART	343323.00	4092147.00	259.93	259.93
DISCCART	343323.00	4091147.00	253.03	253.03
DISCCART	343323.00	4090147.00	249.46	249.46
DISCCART	343323.00	4089147.00	243.45	247.45
DISCCART	343323.00	4088147.00	259.76	259.76
DISCCART	343323.00	4087147.00	255.56	255.56
DISCCART	343323.00	4086147.00	260.85	260.85
DISCCART	342323.00	4125147.00	282.12	282.12
DISCCART	342323.00	4124147.00	280.92	280.92
DISCCART	342323.00	4123147.00	279.24	279.24
DISCCART	342323.00	4122147.00	278.03	278.03
DISCCART	342323.00	4121147.00	275.54	275.54
DISCCART	342323.00	4120147.00	271.07	271.07
DISCCART	342323.00	4119147.00	271.59	271.59
DISCCART	342323.00	4118147.00	276.71	276.71
DISCCART	342323.00	4117147.00	276.07	276.07
DISCCART	342323.00	4116147.00	280.98	280.98
DISCCART	342323.00	4115147.00	289.89	289.89
DISCCART	342323.00	4114147.00	272.53	272.53
DISCCART	342323.00	4113147.00	267.57	267.57
DISCCART	342323.00	4112147.00	263.32	263.32
DISCCART	342323.00	4111147.00	261.48	261.48
DISCCART	342323.00	4110147.00	254.47	254.47
DISCCART	342323.00	4109147.00	251.11	251.11
DISCCART	342323.00	4108147.00	251.98	251.98

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	342323.00	4107147.00	250.17	250.17
DISCCART	342323.00	4106147.00	256.65	256.65
DISCCART	342323.00	4105147.00	254.35	254.35
DISCCART	342323.00	4104147.00	261.14	261.14
DISCCART	342323.00	4103147.00	258.57	258.57
DISCCART	342323.00	4102147.00	257.60	257.60
DISCCART	342323.00	4101147.00	252.37	252.37
DISCCART	342323.00	4100147.00	253.75	253.75
DISCCART	342323.00	4099147.00	256.13	256.13
DISCCART	342323.00	4098147.00	258.81	258.81
DISCCART	342323.00	4097147.00	260.33	260.33
DISCCART	342323.00	4096147.00	258.87	258.87
DISCCART	342323.00	4095147.00	256.92	256.92
DISCCART	342323.00	4094147.00	258.98	258.98
DISCCART	342323.00	4093147.00	256.91	256.91
DISCCART	342323.00	4092147.00	259.28	259.28
DISCCART	342323.00	4091147.00	253.16	253.16
DISCCART	342323.00	4090147.00	251.06	251.06
DISCCART	342323.00	4089147.00	253.91	253.91
DISCCART	342323.00	4088147.00	260.86	260.86
DISCCART	342323.00	4087147.00	265.27	265.27
DISCCART	342323.00	4086147.00	263.64	263.64
DISCCART	341323.00	4125147.00	283.27	283.27
DISCCART	341323.00	4124147.00	282.47	282.47
DISCCART	341323.00	4123147.00	280.26	280.26
DISCCART	341323.00	4122147.00	275.15	275.15
DISCCART	341323.00	4121147.00	271.05	271.05
DISCCART	341323.00	4120147.00	274.96	274.96
DISCCART	341323.00	4119147.00	275.57	275.57
DISCCART	341323.00	4118147.00	277.74	277.74
DISCCART	341323.00	4117147.00	281.89	281.89
DISCCART	341323.00	4116147.00	287.00	287.00
DISCCART	341323.00	4115147.00	277.59	277.59
DISCCART	341323.00	4114147.00	280.97	280.97
DISCCART	341323.00	4113147.00	271.09	289.31
DISCCART	341323.00	4112147.00	263.58	263.58
DISCCART	341323.00	4111147.00	263.50	263.50
DISCCART	341323.00	4110147.00	254.92	254.92
DISCCART	341323.00	4109147.00	252.96	252.96
DISCCART	341323.00	4108147.00	253.40	253.40
DISCCART	341323.00	4107147.00	264.35	264.35
DISCCART	341323.00	4106147.00	259.31	259.31
DISCCART	341323.00	4105147.00	250.21	250.21
DISCCART	341323.00	4104147.00	261.62	261.62
DISCCART	341323.00	4103147.00	263.13	263.13
DISCCART	341323.00	4102147.00	259.16	259.16
DISCCART	341323.00	4101147.00	256.75	256.75
DISCCART	341323.00	4100147.00	249.87	249.87
DISCCART	341323.00	4099147.00	257.96	257.96
DISCCART	341323.00	4098147.00	258.74	258.74
DISCCART	341323.00	4097147.00	261.00	261.00
DISCCART	341323.00	4096147.00	257.74	257.74
DISCCART	341323.00	4095147.00	259.62	259.62
DISCCART	341323.00	4094147.00	258.69	258.69
DISCCART	341323.00	4093147.00	258.50	258.50
DISCCART	341323.00	4092147.00	254.68	254.68
DISCCART	341323.00	4091147.00	256.09	256.09
DISCCART	341323.00	4090147.00	255.64	255.64
DISCCART	341323.00	4089147.00	262.95	262.95
DISCCART	341323.00	4088147.00	263.81	263.81
DISCCART	341323.00	4087147.00	259.41	259.41
DISCCART	341323.00	4086147.00	267.38	267.38
DISCCART	340323.00	4125147.00	283.46	283.46
DISCCART	340323.00	4124147.00	279.94	279.94
DISCCART	340323.00	4123147.00	277.39	277.39
DISCCART	340323.00	4122147.00	277.78	277.78
DISCCART	340323.00	4121147.00	277.61	277.61
DISCCART	340323.00	4120147.00	275.52	275.52
DISCCART	340323.00	4119147.00	276.64	276.64
DISCCART	340323.00	4118147.00	276.37	276.37

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	340323.00	4117147.00	275.99	275.99
DISCCART	340323.00	4116147.00	271.32	271.32
DISCCART	340323.00	4115147.00	276.35	276.35
DISCCART	340323.00	4114147.00	277.94	277.94
DISCCART	340323.00	4113147.00	281.56	281.56
DISCCART	340323.00	4112147.00	276.70	276.70
DISCCART	340323.00	4111147.00	254.08	254.08
DISCCART	340323.00	4110147.00	252.66	252.66
DISCCART	340323.00	4109147.00	260.12	260.12
DISCCART	340323.00	4108147.00	259.97	259.97
DISCCART	340323.00	4107147.00	261.07	261.07
DISCCART	340323.00	4106147.00	261.72	261.72
DISCCART	340323.00	4105147.00	257.30	257.30
DISCCART	340323.00	4104147.00	259.87	259.87
DISCCART	340323.00	4103147.00	261.59	261.59
DISCCART	340323.00	4102147.00	256.92	256.92
DISCCART	340323.00	4101147.00	254.81	254.81
DISCCART	340323.00	4100147.00	253.81	253.81
DISCCART	340323.00	4099147.00	256.11	256.11
DISCCART	340323.00	4098147.00	255.57	255.57
DISCCART	340323.00	4097147.00	255.42	255.42
DISCCART	340323.00	4096147.00	257.45	257.45
DISCCART	340323.00	4095147.00	254.09	254.09
DISCCART	340323.00	4094147.00	256.35	256.35
DISCCART	340323.00	4093147.00	256.67	256.67
DISCCART	340323.00	4092147.00	255.50	255.50
DISCCART	340323.00	4091147.00	257.99	257.99
DISCCART	340323.00	4090147.00	255.64	255.64
DISCCART	340323.00	4089147.00	259.49	259.49
DISCCART	340323.00	4088147.00	262.63	262.63
DISCCART	340323.00	4087147.00	251.76	251.76
DISCCART	340323.00	4086147.00	259.00	259.00
DISCCART	339323.00	4125147.00	280.54	280.54
DISCCART	339323.00	4124147.00	279.96	279.96
DISCCART	339323.00	4123147.00	281.58	281.58
DISCCART	339323.00	4122147.00	277.92	277.92
DISCCART	339323.00	4121147.00	280.55	280.55
DISCCART	339323.00	4120147.00	279.54	279.54
DISCCART	339323.00	4119147.00	275.69	275.69
DISCCART	339323.00	4118147.00	274.42	274.42
DISCCART	339323.00	4117147.00	270.50	270.50
DISCCART	339323.00	4116147.00	268.30	268.30
DISCCART	339323.00	4115147.00	272.23	272.23
DISCCART	339323.00	4114147.00	261.95	271.44
DISCCART	339323.00	4113147.00	265.32	265.32
DISCCART	339323.00	4112147.00	273.53	273.53
DISCCART	339323.00	4111147.00	262.53	262.53
DISCCART	339323.00	4110147.00	259.78	259.78
DISCCART	339323.00	4109147.00	264.67	264.67
DISCCART	339323.00	4108147.00	264.39	264.39
DISCCART	339323.00	4107147.00	265.97	265.97
DISCCART	339323.00	4106147.00	260.91	260.91
DISCCART	339323.00	4105147.00	261.68	261.68
DISCCART	339323.00	4104147.00	266.57	266.57
DISCCART	339323.00	4103147.00	259.76	259.76
DISCCART	339323.00	4102147.00	259.50	259.50
DISCCART	339323.00	4101147.00	256.99	256.99
DISCCART	339323.00	4100147.00	260.86	260.86
DISCCART	339323.00	4099147.00	256.50	256.50
DISCCART	339323.00	4098147.00	256.93	256.93
DISCCART	339323.00	4097147.00	253.13	253.13
DISCCART	339323.00	4096147.00	251.52	251.52
DISCCART	339323.00	4095147.00	251.52	251.52
DISCCART	339323.00	4094147.00	254.92	254.92
DISCCART	339323.00	4093147.00	259.09	259.09
DISCCART	339323.00	4092147.00	254.16	254.16
DISCCART	339323.00	4091147.00	253.32	253.32
DISCCART	339323.00	4090147.00	253.18	253.18
DISCCART	339323.00	4089147.00	256.20	256.20
DISCCART	339323.00	4088147.00	257.77	257.77

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	339323.00	4087147.00	252.81	252.81
DISCCART	339323.00	4086147.00	248.73	248.73
DISCCART	338323.00	4125147.00	276.67	276.67
DISCCART	338323.00	4124147.00	278.71	278.71
DISCCART	338323.00	4123147.00	281.23	281.23
DISCCART	338323.00	4122147.00	281.99	281.99
DISCCART	338323.00	4121147.00	279.69	279.69
DISCCART	338323.00	4120147.00	277.06	277.06
DISCCART	338323.00	4119147.00	275.16	275.16
DISCCART	338323.00	4118147.00	274.47	274.47
DISCCART	338323.00	4117147.00	273.90	273.90
DISCCART	338323.00	4116147.00	265.43	265.43
DISCCART	338323.00	4115147.00	269.79	269.79
DISCCART	338323.00	4114147.00	265.64	265.64
DISCCART	338323.00	4113147.00	271.20	271.20
DISCCART	338323.00	4112147.00	265.92	265.92
DISCCART	338323.00	4111147.00	272.40	272.40
DISCCART	338323.00	4110147.00	265.65	265.65
DISCCART	338323.00	4109147.00	261.17	271.51
DISCCART	338323.00	4108147.00	268.86	268.86
DISCCART	338323.00	4107147.00	271.57	271.57
DISCCART	338323.00	4106147.00	265.31	265.31
DISCCART	338323.00	4105147.00	271.29	271.29
DISCCART	338323.00	4104147.00	268.86	268.86
DISCCART	338323.00	4103147.00	265.07	265.07
DISCCART	338323.00	4102147.00	268.52	268.52
DISCCART	338323.00	4101147.00	277.65	277.65
DISCCART	338323.00	4100147.00	260.88	260.88
DISCCART	338323.00	4099147.00	259.03	259.03
DISCCART	338323.00	4098147.00	258.03	258.03
DISCCART	338323.00	4097147.00	262.30	262.30
DISCCART	338323.00	4096147.00	253.77	253.77
DISCCART	338323.00	4095147.00	250.16	250.16
DISCCART	338323.00	4094147.00	250.79	250.79
DISCCART	338323.00	4093147.00	253.95	253.95
DISCCART	338323.00	4092147.00	253.91	253.91
DISCCART	338323.00	4091147.00	249.26	249.26
DISCCART	338323.00	4090147.00	257.17	257.17
DISCCART	338323.00	4089147.00	256.16	256.16
DISCCART	338323.00	4088147.00	252.97	252.97
DISCCART	338323.00	4087147.00	255.70	255.70
DISCCART	338323.00	4086147.00	248.37	248.37
DISCCART	337323.00	4125147.00	274.11	274.11
DISCCART	337323.00	4124147.00	276.05	276.05
DISCCART	337323.00	4123147.00	278.93	278.93
DISCCART	337323.00	4122147.00	282.10	282.10
DISCCART	337323.00	4121147.00	283.46	283.46
DISCCART	337323.00	4120147.00	280.19	280.19
DISCCART	337323.00	4119147.00	272.93	272.93
DISCCART	337323.00	4118147.00	271.99	271.99
DISCCART	337323.00	4117147.00	268.77	268.77
DISCCART	337323.00	4116147.00	270.36	270.36
DISCCART	337323.00	4115147.00	274.47	274.47
DISCCART	337323.00	4114147.00	265.29	265.29
DISCCART	337323.00	4113147.00	275.07	275.07
DISCCART	337323.00	4112147.00	276.26	276.26
DISCCART	337323.00	4111147.00	271.10	271.10
DISCCART	337323.00	4110147.00	277.53	277.53
DISCCART	337323.00	4109147.00	277.12	277.12
DISCCART	337323.00	4108147.00	274.15	274.15
DISCCART	337323.00	4107147.00	272.23	272.23
DISCCART	337323.00	4106147.00	277.58	277.58
DISCCART	337323.00	4105147.00	269.25	269.25
DISCCART	337323.00	4104147.00	272.08	272.08
DISCCART	337323.00	4103147.00	267.76	267.76
DISCCART	337323.00	4102147.00	269.27	269.27
DISCCART	337323.00	4101147.00	273.69	273.69
DISCCART	337323.00	4100147.00	265.28	265.28
DISCCART	337323.00	4099147.00	261.48	261.48
DISCCART	337323.00	4098147.00	275.35	275.35

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	337323.00	4097147.00	268.65	296.03
DISCCART	337323.00	4096147.00	256.65	256.65
DISCCART	337323.00	4095147.00	251.17	251.17
DISCCART	337323.00	4094147.00	250.37	250.37
DISCCART	337323.00	4093147.00	249.98	249.98
DISCCART	337323.00	4092147.00	249.88	249.88
DISCCART	337323.00	4091147.00	248.19	248.19
DISCCART	337323.00	4090147.00	254.17	254.17
DISCCART	337323.00	4089147.00	254.19	254.19
DISCCART	337323.00	4088147.00	250.52	250.52
DISCCART	337323.00	4087147.00	255.97	255.97
DISCCART	337323.00	4086147.00	251.43	251.43
DISCCART	336323.00	4125147.00	268.86	268.86
DISCCART	336323.00	4124147.00	272.60	272.60
DISCCART	336323.00	4123147.00	276.54	276.54
DISCCART	336323.00	4122147.00	274.10	274.10
DISCCART	336323.00	4121147.00	277.98	277.98
DISCCART	336323.00	4120147.00	277.40	277.40
DISCCART	336323.00	4119147.00	275.65	275.65
DISCCART	336323.00	4118147.00	275.04	275.04
DISCCART	336323.00	4117147.00	274.49	274.49
DISCCART	336323.00	4116147.00	272.14	272.14
DISCCART	336323.00	4115147.00	276.22	276.22
DISCCART	336323.00	4114147.00	270.97	270.97
DISCCART	336323.00	4113147.00	275.05	275.05
DISCCART	336323.00	4112147.00	281.78	281.78
DISCCART	336323.00	4111147.00	283.20	283.20
DISCCART	336323.00	4110147.00	282.63	282.63
DISCCART	336323.00	4109147.00	289.98	289.98
DISCCART	336323.00	4108147.00	284.94	284.94
DISCCART	336323.00	4107147.00	288.04	288.04
DISCCART	336323.00	4106147.00	279.76	279.76
DISCCART	336323.00	4105147.00	271.74	271.74
DISCCART	336323.00	4104147.00	273.86	273.86
DISCCART	336323.00	4103147.00	272.02	272.02
DISCCART	336323.00	4102147.00	271.92	271.92
DISCCART	336323.00	4101147.00	273.97	273.97
DISCCART	336323.00	4100147.00	274.16	274.16
DISCCART	336323.00	4099147.00	264.00	264.00
DISCCART	336323.00	4098147.00	256.82	256.82
DISCCART	336323.00	4097147.00	255.26	255.26
DISCCART	336323.00	4096147.00	255.59	255.59
DISCCART	336323.00	4095147.00	253.26	253.26
DISCCART	336323.00	4094147.00	249.43	249.43
DISCCART	336323.00	4093147.00	246.84	246.84
DISCCART	336323.00	4092147.00	247.35	247.35
DISCCART	336323.00	4091147.00	243.84	243.84
DISCCART	336323.00	4090147.00	250.56	250.56
DISCCART	336323.00	4089147.00	251.78	251.78
DISCCART	336323.00	4088147.00	246.74	246.74
DISCCART	336323.00	4087147.00	253.39	253.39
DISCCART	336323.00	4086147.00	250.10	250.10
DISCCART	335323.00	4125147.00	267.12	267.12
DISCCART	335323.00	4124147.00	271.04	271.04
DISCCART	335323.00	4123147.00	273.09	273.09
DISCCART	335323.00	4122147.00	273.74	273.74
DISCCART	335323.00	4121147.00	271.83	271.83
DISCCART	335323.00	4120147.00	274.42	274.42
DISCCART	335323.00	4119147.00	270.96	270.96
DISCCART	335323.00	4118147.00	272.39	272.39
DISCCART	335323.00	4117147.00	278.24	278.24
DISCCART	335323.00	4116147.00	275.25	275.25
DISCCART	335323.00	4115147.00	274.65	274.65
DISCCART	335323.00	4114147.00	275.42	275.42
DISCCART	335323.00	4113147.00	278.19	278.19
DISCCART	335323.00	4112147.00	279.20	279.20
DISCCART	335323.00	4111147.00	275.13	275.13
DISCCART	335323.00	4110147.00	287.17	287.17
DISCCART	335323.00	4109147.00	275.05	275.05
DISCCART	335323.00	4108147.00	277.98	277.98

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	335323.00	4107147.00	277.37	277.37
DISCCART	335323.00	4106147.00	278.40	278.40
DISCCART	335323.00	4105147.00	289.41	289.41
DISCCART	335323.00	4104147.00	298.07	298.07
DISCCART	335323.00	4103147.00	278.34	278.34
DISCCART	335323.00	4102147.00	268.79	268.79
DISCCART	335323.00	4101147.00	264.59	264.59
DISCCART	335323.00	4100147.00	256.40	256.40
DISCCART	335323.00	4099147.00	256.84	256.84
DISCCART	335323.00	4098147.00	256.66	256.66
DISCCART	335323.00	4097147.00	254.03	254.03
DISCCART	335323.00	4096147.00	251.52	251.52
DISCCART	335323.00	4095147.00	252.23	252.23
DISCCART	335323.00	4094147.00	250.45	250.45
DISCCART	335323.00	4093147.00	247.06	247.06
DISCCART	335323.00	4092147.00	245.61	245.61
DISCCART	335323.00	4091147.00	244.84	244.84
DISCCART	335323.00	4090147.00	244.48	244.48
DISCCART	335323.00	4089147.00	246.02	246.02
DISCCART	335323.00	4088147.00	247.28	247.28
DISCCART	335323.00	4087147.00	247.89	247.89
DISCCART	335323.00	4086147.00	247.75	247.75
DISCCART	334323.00	4125147.00	276.83	276.83
DISCCART	334323.00	4124147.00	268.58	268.58
DISCCART	334323.00	4123147.00	274.10	274.10
DISCCART	334323.00	4122147.00	269.36	269.36
DISCCART	334323.00	4121147.00	268.49	268.49
DISCCART	334323.00	4120147.00	269.54	269.54
DISCCART	334323.00	4119147.00	270.89	270.89
DISCCART	334323.00	4118147.00	271.60	271.60
DISCCART	334323.00	4117147.00	278.34	278.34
DISCCART	334323.00	4116147.00	281.66	281.66
DISCCART	334323.00	4115147.00	282.19	282.19
DISCCART	334323.00	4114147.00	281.53	281.53
DISCCART	334323.00	4113147.00	279.72	279.72
DISCCART	334323.00	4112147.00	273.15	273.15
DISCCART	334323.00	4111147.00	271.83	271.83
DISCCART	334323.00	4110147.00	270.77	270.77
DISCCART	334323.00	4109147.00	268.79	268.79
DISCCART	334323.00	4108147.00	272.78	272.78
DISCCART	334323.00	4107147.00	271.27	271.27
DISCCART	334323.00	4106147.00	268.91	268.91
DISCCART	334323.00	4105147.00	273.17	273.17
DISCCART	334323.00	4104147.00	279.30	279.30
DISCCART	334323.00	4103147.00	290.52	290.52
DISCCART	334323.00	4102147.00	283.43	283.43
DISCCART	334323.00	4101147.00	268.52	268.52
DISCCART	334323.00	4100147.00	262.91	262.91
DISCCART	334323.00	4099147.00	259.47	259.47
DISCCART	334323.00	4098147.00	253.15	253.15
DISCCART	334323.00	4097147.00	255.54	255.54
DISCCART	334323.00	4096147.00	255.49	255.49
DISCCART	334323.00	4095147.00	255.33	255.33
DISCCART	334323.00	4094147.00	252.41	252.41
DISCCART	334323.00	4093147.00	252.20	252.20
DISCCART	334323.00	4092147.00	250.36	250.36
DISCCART	334323.00	4091147.00	253.11	253.11
DISCCART	334323.00	4090147.00	248.33	248.33
DISCCART	334323.00	4089147.00	239.13	239.13
DISCCART	334323.00	4088147.00	238.18	238.18
DISCCART	334323.00	4087147.00	240.84	240.84
DISCCART	334323.00	4086147.00	241.65	241.65
DISCCART	333323.00	4125147.00	273.23	273.23
DISCCART	333323.00	4124147.00	270.15	270.15
DISCCART	333323.00	4123147.00	262.53	262.53
DISCCART	333323.00	4122147.00	266.95	266.95
DISCCART	333323.00	4121147.00	265.12	265.12
DISCCART	333323.00	4120147.00	264.92	264.92
DISCCART	333323.00	4119147.00	271.15	271.15
DISCCART	333323.00	4118147.00	272.91	272.91

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	333323.00	4117147.00	282.69	282.69
DISCCART	333323.00	4116147.00	283.57	283.57
DISCCART	333323.00	4115147.00	285.39	285.39
DISCCART	333323.00	4114147.00	285.36	285.36
DISCCART	333323.00	4113147.00	277.17	277.17
DISCCART	333323.00	4112147.00	272.71	272.71
DISCCART	333323.00	4111147.00	270.99	270.99
DISCCART	333323.00	4110147.00	266.23	266.23
DISCCART	333323.00	4109147.00	262.49	262.49
DISCCART	333323.00	4108147.00	266.08	266.08
DISCCART	333323.00	4107147.00	268.49	268.49
DISCCART	333323.00	4106147.00	265.65	265.65
DISCCART	333323.00	4105147.00	269.94	269.94
DISCCART	333323.00	4104147.00	271.46	271.46
DISCCART	333323.00	4103147.00	274.66	274.66
DISCCART	333323.00	4102147.00	281.17	281.17
DISCCART	333323.00	4101147.00	270.97	270.97
DISCCART	333323.00	4100147.00	259.24	259.24
DISCCART	333323.00	4099147.00	259.18	259.18
DISCCART	333323.00	4098147.00	258.59	258.59
DISCCART	333323.00	4097147.00	256.90	256.90
DISCCART	333323.00	4096147.00	255.40	255.40
DISCCART	333323.00	4095147.00	251.40	251.40
DISCCART	333323.00	4094147.00	253.26	253.26
DISCCART	333323.00	4093147.00	253.10	253.10
DISCCART	333323.00	4092147.00	252.53	252.53
DISCCART	333323.00	4091147.00	250.13	250.13
DISCCART	333323.00	4090147.00	248.15	248.15
DISCCART	333323.00	4089147.00	247.23	247.23
DISCCART	333323.00	4088147.00	241.00	241.00
DISCCART	333323.00	4087147.00	239.05	239.05
DISCCART	333323.00	4086147.00	235.32	235.32
DISCCART	332323.00	4125147.00	269.39	269.39
DISCCART	332323.00	4124147.00	273.15	273.15
DISCCART	332323.00	4123147.00	268.91	268.91
DISCCART	332323.00	4122147.00	261.57	261.57
DISCCART	332323.00	4121147.00	260.69	260.69
DISCCART	332323.00	4120147.00	272.13	272.13
DISCCART	332323.00	4119147.00	275.90	275.90
DISCCART	332323.00	4118147.00	277.07	277.07
DISCCART	332323.00	4117147.00	281.89	281.89
DISCCART	332323.00	4116147.00	277.16	277.16
DISCCART	332323.00	4115147.00	283.44	283.44
DISCCART	332323.00	4114147.00	282.62	282.62
DISCCART	332323.00	4113147.00	272.21	272.21
DISCCART	332323.00	4112147.00	271.51	271.51
DISCCART	332323.00	4111147.00	267.06	267.06
DISCCART	332323.00	4110147.00	268.48	268.48
DISCCART	332323.00	4109147.00	263.62	263.62
DISCCART	332323.00	4108147.00	263.24	263.24
DISCCART	332323.00	4107147.00	268.34	268.34
DISCCART	332323.00	4106147.00	265.62	265.62
DISCCART	332323.00	4105147.00	269.28	269.28
DISCCART	332323.00	4104147.00	269.35	269.35
DISCCART	332323.00	4103147.00	268.28	268.28
DISCCART	332323.00	4102147.00	280.26	280.26
DISCCART	332323.00	4101147.00	272.63	272.63
DISCCART	332323.00	4100147.00	263.37	263.37
DISCCART	332323.00	4099147.00	260.68	260.68
DISCCART	332323.00	4098147.00	263.70	263.70
DISCCART	332323.00	4097147.00	263.51	263.51
DISCCART	332323.00	4096147.00	257.62	257.62
DISCCART	332323.00	4095147.00	253.10	253.10
DISCCART	332323.00	4094147.00	246.99	246.99
DISCCART	332323.00	4093147.00	247.47	247.47
DISCCART	332323.00	4092147.00	250.18	250.18
DISCCART	332323.00	4091147.00	247.60	247.60
DISCCART	332323.00	4090147.00	249.94	249.94
DISCCART	332323.00	4089147.00	247.18	247.18
DISCCART	332323.00	4088147.00	248.06	248.06

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	332323.00	4087147.00	244.30	244.30
DISCCART	332323.00	4086147.00	240.97	240.97
DISCCART	331323.00	4125147.00	263.05	263.05
DISCCART	331323.00	4124147.00	269.48	269.48
DISCCART	331323.00	4123147.00	270.25	270.25
DISCCART	331323.00	4122147.00	264.49	264.49
DISCCART	331323.00	4121147.00	260.89	260.89
DISCCART	331323.00	4120147.00	268.72	268.72
DISCCART	331323.00	4119147.00	272.48	272.48
DISCCART	331323.00	4118147.00	276.24	276.24
DISCCART	331323.00	4117147.00	275.27	275.27
DISCCART	331323.00	4116147.00	273.92	273.92
DISCCART	331323.00	4115147.00	277.72	277.72
DISCCART	331323.00	4114147.00	276.35	276.35
DISCCART	331323.00	4113147.00	274.17	274.17
DISCCART	331323.00	4112147.00	266.17	266.17
DISCCART	331323.00	4111147.00	265.15	265.15
DISCCART	331323.00	4110147.00	264.20	264.20
DISCCART	331323.00	4109147.00	262.24	262.24
DISCCART	331323.00	4108147.00	259.68	259.68
DISCCART	331323.00	4107147.00	259.59	259.59
DISCCART	331323.00	4106147.00	265.96	265.96
DISCCART	331323.00	4105147.00	265.32	265.32
DISCCART	331323.00	4104147.00	267.04	267.04
DISCCART	331323.00	4103147.00	270.86	270.86
DISCCART	331323.00	4102147.00	276.90	276.90
DISCCART	331323.00	4101147.00	272.02	272.02
DISCCART	331323.00	4100147.00	259.78	259.78
DISCCART	331323.00	4099147.00	253.80	253.80
DISCCART	331323.00	4098147.00	260.44	260.44
DISCCART	331323.00	4097147.00	258.14	258.14
DISCCART	331323.00	4096147.00	259.05	259.05
DISCCART	331323.00	4095147.00	254.10	254.10
DISCCART	331323.00	4094147.00	250.42	250.42
DISCCART	331323.00	4093147.00	248.05	248.05
DISCCART	331323.00	4092147.00	246.90	246.90
DISCCART	331323.00	4091147.00	241.14	241.14
DISCCART	331323.00	4090147.00	244.91	244.91
DISCCART	331323.00	4089147.00	247.70	247.70
DISCCART	331323.00	4088147.00	247.37	247.37
DISCCART	331323.00	4087147.00	244.72	244.72
DISCCART	331323.00	4086147.00	239.52	239.52
DISCCART	330323.00	4125147.00	264.57	264.57
DISCCART	330323.00	4124147.00	262.76	262.76
DISCCART	330323.00	4123147.00	264.74	264.74
DISCCART	330323.00	4122147.00	265.14	265.14
DISCCART	330323.00	4121147.00	259.29	259.29
DISCCART	330323.00	4120147.00	263.38	263.38
DISCCART	330323.00	4119147.00	274.88	274.88
DISCCART	330323.00	4118147.00	274.53	274.53
DISCCART	330323.00	4117147.00	268.40	268.40
DISCCART	330323.00	4116147.00	274.75	274.75
DISCCART	330323.00	4115147.00	268.44	268.44
DISCCART	330323.00	4114147.00	271.44	271.44
DISCCART	330323.00	4113147.00	268.37	268.37
DISCCART	330323.00	4112147.00	266.88	266.88
DISCCART	330323.00	4111147.00	265.27	265.27
DISCCART	330323.00	4110147.00	256.43	256.43
DISCCART	330323.00	4109147.00	262.29	262.29
DISCCART	330323.00	4108147.00	253.11	253.11
DISCCART	330323.00	4107147.00	257.64	257.64
DISCCART	330323.00	4106147.00	266.04	266.04
DISCCART	330323.00	4105147.00	265.46	265.46
DISCCART	330323.00	4104147.00	259.09	259.09
DISCCART	330323.00	4103147.00	263.75	263.75
DISCCART	330323.00	4102147.00	268.80	268.80
DISCCART	330323.00	4101147.00	266.14	266.14
DISCCART	330323.00	4100147.00	261.79	261.79
DISCCART	330323.00	4099147.00	256.21	256.21
DISCCART	330323.00	4098147.00	256.39	256.39



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	330323.00	4097147.00	252.82	252.82
DISCCART	330323.00	4096147.00	263.53	263.53
DISCCART	330323.00	4095147.00	255.71	255.71
DISCCART	330323.00	4094147.00	255.01	255.01
DISCCART	330323.00	4093147.00	250.87	250.87
DISCCART	330323.00	4092147.00	250.55	250.55
DISCCART	330323.00	4091147.00	246.77	246.77
DISCCART	330323.00	4090147.00	239.69	239.69
DISCCART	330323.00	4089147.00	242.20	242.20
DISCCART	330323.00	4088147.00	242.99	242.99
DISCCART	330323.00	4087147.00	244.72	244.72
DISCCART	330323.00	4086147.00	239.94	239.94
DISCCART	329323.00	4125147.00	265.91	265.91
DISCCART	329323.00	4124147.00	261.73	261.73
DISCCART	329323.00	4123147.00	260.46	260.46
DISCCART	329323.00	4122147.00	256.14	256.14
DISCCART	329323.00	4121147.00	258.81	258.81
DISCCART	329323.00	4120147.00	258.44	258.44
DISCCART	329323.00	4119147.00	265.58	265.58
DISCCART	329323.00	4118147.00	272.21	272.21
DISCCART	329323.00	4117147.00	262.96	262.96
DISCCART	329323.00	4116147.00	268.05	268.05
DISCCART	329323.00	4115147.00	266.86	266.86
DISCCART	329323.00	4114147.00	269.03	269.03
DISCCART	329323.00	4113147.00	268.09	268.09
DISCCART	329323.00	4112147.00	261.05	261.05
DISCCART	329323.00	4111147.00	261.15	261.15
DISCCART	329323.00	4110147.00	259.53	259.53
DISCCART	329323.00	4109147.00	262.30	262.30
DISCCART	329323.00	4108147.00	255.40	255.40
DISCCART	329323.00	4107147.00	259.60	259.60
DISCCART	329323.00	4106147.00	265.33	265.33
DISCCART	329323.00	4105147.00	264.73	264.73
DISCCART	329323.00	4104147.00	263.11	263.11
DISCCART	329323.00	4103147.00	261.61	261.61
DISCCART	329323.00	4102147.00	264.48	264.48
DISCCART	329323.00	4101147.00	261.15	261.15
DISCCART	329323.00	4100147.00	256.89	256.89
DISCCART	329323.00	4099147.00	256.32	256.32
DISCCART	329323.00	4098147.00	249.70	249.70
DISCCART	329323.00	4097147.00	252.71	252.71
DISCCART	329323.00	4096147.00	253.44	253.44
DISCCART	329323.00	4095147.00	256.30	256.30
DISCCART	329323.00	4094147.00	253.21	253.21
DISCCART	329323.00	4093147.00	249.50	249.50
DISCCART	329323.00	4092147.00	246.14	246.14
DISCCART	329323.00	4091147.00	243.98	243.98
DISCCART	329323.00	4090147.00	240.92	240.92
DISCCART	329323.00	4089147.00	242.04	242.04
DISCCART	329323.00	4088147.00	235.77	235.77
DISCCART	329323.00	4087147.00	237.53	237.53
DISCCART	329323.00	4086147.00	232.98	232.98
DISCCART	328323.00	4125147.00	269.15	275.69
DISCCART	328323.00	4124147.00	267.51	275.20
DISCCART	328323.00	4123147.00	265.46	265.46
DISCCART	328323.00	4122147.00	262.53	262.53
DISCCART	328323.00	4121147.00	257.56	257.56
DISCCART	328323.00	4120147.00	256.73	256.73
DISCCART	328323.00	4119147.00	261.66	261.66
DISCCART	328323.00	4118147.00	263.27	263.27
DISCCART	328323.00	4117147.00	259.19	259.19
DISCCART	328323.00	4116147.00	262.21	262.21
DISCCART	328323.00	4115147.00	265.58	265.58
DISCCART	328323.00	4114147.00	270.84	270.84
DISCCART	328323.00	4113147.00	265.34	265.34
DISCCART	328323.00	4112147.00	267.79	267.79
DISCCART	328323.00	4111147.00	265.50	265.50
DISCCART	328323.00	4110147.00	262.68	262.68
DISCCART	328323.00	4109147.00	256.22	256.22
DISCCART	328323.00	4108147.00	250.23	250.23

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	328323.00	4107147.00	259.77	259.77
DISCCART	328323.00	4106147.00	258.50	258.50
DISCCART	328323.00	4105147.00	264.51	264.51
DISCCART	328323.00	4104147.00	264.06	264.06
DISCCART	328323.00	4103147.00	259.77	259.77
DISCCART	328323.00	4102147.00	256.34	256.34
DISCCART	328323.00	4101147.00	252.46	252.46
DISCCART	328323.00	4100147.00	252.95	252.95
DISCCART	328323.00	4099147.00	249.36	249.36
DISCCART	328323.00	4098147.00	248.34	248.34
DISCCART	328323.00	4097147.00	246.83	246.83
DISCCART	328323.00	4096147.00	248.17	248.17
DISCCART	328323.00	4095147.00	245.56	245.56
DISCCART	328323.00	4094147.00	250.45	250.45
DISCCART	328323.00	4093147.00	250.16	250.16
DISCCART	328323.00	4092147.00	247.85	247.85
DISCCART	328323.00	4091147.00	244.18	244.18
DISCCART	328323.00	4090147.00	247.12	247.12
DISCCART	328323.00	4089147.00	246.75	246.75
DISCCART	328323.00	4088147.00	241.49	241.49
DISCCART	328323.00	4087147.00	234.28	234.28
DISCCART	328323.00	4086147.00	232.19	232.19
DISCCART	327323.00	4125147.00	275.71	275.71
DISCCART	327323.00	4124147.00	272.78	272.78
DISCCART	327323.00	4123147.00	265.28	265.28
DISCCART	327323.00	4122147.00	262.99	262.99
DISCCART	327323.00	4121147.00	256.29	256.29
DISCCART	327323.00	4120147.00	256.62	256.62
DISCCART	327323.00	4119147.00	256.55	256.55
DISCCART	327323.00	4118147.00	254.97	256.19
DISCCART	327323.00	4117147.00	261.71	261.71
DISCCART	327323.00	4116147.00	259.06	259.06
DISCCART	327323.00	4115147.00	260.18	260.18
DISCCART	327323.00	4114147.00	265.56	265.56
DISCCART	327323.00	4113147.00	265.33	265.33
DISCCART	327323.00	4112147.00	262.72	262.72
DISCCART	327323.00	4111147.00	268.51	268.51
DISCCART	327323.00	4110147.00	267.98	267.98
DISCCART	327323.00	4109147.00	259.07	259.07
DISCCART	327323.00	4108147.00	250.37	250.37
DISCCART	327323.00	4107147.00	255.77	255.77
DISCCART	327323.00	4106147.00	257.69	257.69
DISCCART	327323.00	4105147.00	258.70	258.70
DISCCART	327323.00	4104147.00	263.19	263.19
DISCCART	327323.00	4103147.00	268.23	268.23
DISCCART	327323.00	4102147.00	262.11	262.11
DISCCART	327323.00	4101147.00	260.12	260.12
DISCCART	327323.00	4100147.00	259.27	259.27
DISCCART	327323.00	4099147.00	257.91	257.91
DISCCART	327323.00	4098147.00	253.93	253.93
DISCCART	327323.00	4097147.00	251.47	251.47
DISCCART	327323.00	4096147.00	246.99	246.99
DISCCART	327323.00	4095147.00	245.58	245.58
DISCCART	327323.00	4094147.00	244.98	244.98
DISCCART	327323.00	4093147.00	250.82	250.82
DISCCART	327323.00	4092147.00	250.10	250.10
DISCCART	327323.00	4091147.00	244.63	244.63
DISCCART	327323.00	4090147.00	247.30	247.30
DISCCART	327323.00	4089147.00	243.30	243.30
DISCCART	327323.00	4088147.00	242.02	242.02
DISCCART	327323.00	4087147.00	234.20	234.20
DISCCART	327323.00	4086147.00	231.83	231.83
DISCCART	326323.00	4125147.00	267.98	267.98
DISCCART	326323.00	4124147.00	271.30	271.30
DISCCART	326323.00	4123147.00	265.78	265.78
DISCCART	326323.00	4122147.00	262.43	262.43
DISCCART	326323.00	4121147.00	267.14	267.14
DISCCART	326323.00	4120147.00	262.86	262.86
DISCCART	326323.00	4119147.00	254.65	254.65
DISCCART	326323.00	4118147.00	255.80	255.80

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	326323.00	4117147.00	257.94	257.94
DISCCART	326323.00	4116147.00	256.90	256.90
DISCCART	326323.00	4115147.00	259.00	259.00
DISCCART	326323.00	4114147.00	263.24	263.24
DISCCART	326323.00	4113147.00	263.12	263.12
DISCCART	326323.00	4112147.00	258.34	258.34
DISCCART	326323.00	4111147.00	259.95	259.95
DISCCART	326323.00	4110147.00	264.51	264.51
DISCCART	326323.00	4109147.00	261.28	261.28
DISCCART	326323.00	4108147.00	256.44	256.44
DISCCART	326323.00	4107147.00	247.36	247.36
DISCCART	326323.00	4106147.00	257.18	257.18
DISCCART	326323.00	4105147.00	255.98	255.98
DISCCART	326323.00	4104147.00	259.85	259.85
DISCCART	326323.00	4103147.00	266.15	266.15
DISCCART	326323.00	4102147.00	260.35	260.35
DISCCART	326323.00	4101147.00	258.96	258.96
DISCCART	326323.00	4100147.00	263.85	263.85
DISCCART	326323.00	4099147.00	260.18	260.18
DISCCART	326323.00	4098147.00	260.80	260.80
DISCCART	326323.00	4097147.00	258.63	258.63
DISCCART	326323.00	4096147.00	252.54	252.54
DISCCART	326323.00	4095147.00	247.56	247.56
DISCCART	326323.00	4094147.00	243.58	243.58
DISCCART	326323.00	4093147.00	243.53	243.53
DISCCART	326323.00	4092147.00	247.40	247.40
DISCCART	326323.00	4091147.00	243.76	243.76
DISCCART	326323.00	4090147.00	241.32	241.32
DISCCART	326323.00	4089147.00	237.87	237.87
DISCCART	326323.00	4088147.00	244.75	244.75
DISCCART	326323.00	4087147.00	234.71	234.71
DISCCART	326323.00	4086147.00	232.69	232.69
DISCCART	325323.00	4125147.00	269.63	269.63
DISCCART	325323.00	4124147.00	263.46	263.46
DISCCART	325323.00	4123147.00	271.04	271.04
DISCCART	325323.00	4122147.00	265.30	265.30
DISCCART	325323.00	4121147.00	265.30	265.30
DISCCART	325323.00	4120147.00	262.69	262.69
DISCCART	325323.00	4119147.00	257.03	257.03
DISCCART	325323.00	4118147.00	253.65	253.65
DISCCART	325323.00	4117147.00	254.75	254.75
DISCCART	325323.00	4116147.00	249.69	249.69
DISCCART	325323.00	4115147.00	257.12	257.12
DISCCART	325323.00	4114147.00	256.29	256.29
DISCCART	325323.00	4113147.00	262.66	262.66
DISCCART	325323.00	4112147.00	258.10	258.10
DISCCART	325323.00	4111147.00	259.80	259.80
DISCCART	325323.00	4110147.00	262.51	262.51
DISCCART	325323.00	4109147.00	258.63	258.63
DISCCART	325323.00	4108147.00	254.91	254.91
DISCCART	325323.00	4107147.00	248.24	248.24
DISCCART	325323.00	4106147.00	252.54	252.54
DISCCART	325323.00	4105147.00	256.72	256.72
DISCCART	325323.00	4104147.00	256.33	256.33
DISCCART	325323.00	4103147.00	258.28	258.28
DISCCART	325323.00	4102147.00	256.35	256.35
DISCCART	325323.00	4101147.00	254.41	254.41
DISCCART	325323.00	4100147.00	262.18	262.18
DISCCART	325323.00	4099147.00	258.31	258.31
DISCCART	325323.00	4098147.00	256.00	256.00
DISCCART	325323.00	4097147.00	262.91	262.91
DISCCART	325323.00	4096147.00	253.19	253.19
DISCCART	325323.00	4095147.00	249.98	249.98
DISCCART	325323.00	4094147.00	246.89	246.89
DISCCART	325323.00	4093147.00	238.39	238.39
DISCCART	325323.00	4092147.00	242.95	242.95
DISCCART	325323.00	4091147.00	240.47	240.47
DISCCART	325323.00	4090147.00	238.13	238.13
DISCCART	325323.00	4089147.00	232.24	232.24
DISCCART	325323.00	4088147.00	232.28	232.28

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	325323.00	4087147.00	233.26	233.26
DISCCART	325323.00	4086147.00	231.87	231.87
DISCCART	324323.00	4125147.00	268.07	274.57
DISCCART	324323.00	4124147.00	270.74	270.74
DISCCART	324323.00	4123147.00	262.90	262.90
DISCCART	324323.00	4122147.00	265.28	265.28
DISCCART	324323.00	4121147.00	265.29	265.29
DISCCART	324323.00	4120147.00	260.22	260.22
DISCCART	324323.00	4119147.00	263.76	263.76
DISCCART	324323.00	4118147.00	257.10	257.10
DISCCART	324323.00	4117147.00	253.04	253.04
DISCCART	324323.00	4116147.00	250.95	250.95
DISCCART	324323.00	4115147.00	252.62	252.62
DISCCART	324323.00	4114147.00	258.32	258.32
DISCCART	324323.00	4113147.00	259.09	259.09
DISCCART	324323.00	4112147.00	259.30	259.30
DISCCART	324323.00	4111147.00	252.38	252.38
DISCCART	324323.00	4110147.00	256.22	256.22
DISCCART	324323.00	4109147.00	256.77	256.77
DISCCART	324323.00	4108147.00	253.23	253.23
DISCCART	324323.00	4107147.00	250.02	250.02
DISCCART	324323.00	4106147.00	247.13	247.13
DISCCART	324323.00	4105147.00	255.21	255.21
DISCCART	324323.00	4104147.00	248.34	250.41
DISCCART	324323.00	4103147.00	250.93	250.93
DISCCART	324323.00	4102147.00	253.50	253.50
DISCCART	324323.00	4101147.00	253.50	253.50
DISCCART	324323.00	4100147.00	258.53	258.53
DISCCART	324323.00	4099147.00	253.95	253.95
DISCCART	324323.00	4098147.00	254.00	254.00
DISCCART	324323.00	4097147.00	253.67	253.67
DISCCART	324323.00	4096147.00	250.11	250.11
DISCCART	324323.00	4095147.00	246.76	246.76
DISCCART	324323.00	4094147.00	240.11	240.11
DISCCART	324323.00	4093147.00	238.05	238.05
DISCCART	324323.00	4092147.00	231.72	231.72
DISCCART	324323.00	4091147.00	234.91	234.91
DISCCART	324323.00	4090147.00	234.63	234.63
DISCCART	324323.00	4089147.00	233.97	233.97
DISCCART	324323.00	4088147.00	232.71	232.71
DISCCART	324323.00	4087147.00	232.07	232.07
DISCCART	324323.00	4086147.00	232.64	232.64
DISCCART	323323.00	4125147.00	276.27	276.27
DISCCART	323323.00	4124147.00	263.19	263.19
DISCCART	323323.00	4123147.00	262.24	262.24
DISCCART	323323.00	4122147.00	259.75	259.75
DISCCART	323323.00	4121147.00	259.58	259.58
DISCCART	323323.00	4120147.00	265.12	265.12
DISCCART	323323.00	4119147.00	266.38	266.38
DISCCART	323323.00	4118147.00	260.85	260.85
DISCCART	323323.00	4117147.00	259.47	259.47
DISCCART	323323.00	4116147.00	253.51	253.51
DISCCART	323323.00	4115147.00	250.12	250.12
DISCCART	323323.00	4114147.00	250.38	250.38
DISCCART	323323.00	4113147.00	253.79	253.79
DISCCART	323323.00	4112147.00	253.88	253.88
DISCCART	323323.00	4111147.00	256.04	256.04
DISCCART	323323.00	4110147.00	250.77	250.77
DISCCART	323323.00	4109147.00	253.49	253.49
DISCCART	323323.00	4108147.00	252.94	252.94
DISCCART	323323.00	4107147.00	248.80	248.80
DISCCART	323323.00	4106147.00	246.09	246.09
DISCCART	323323.00	4105147.00	253.19	253.19
DISCCART	323323.00	4104147.00	253.64	253.64
DISCCART	323323.00	4103147.00	248.74	248.74
DISCCART	323323.00	4102147.00	244.29	244.29
DISCCART	323323.00	4101147.00	253.60	253.60
DISCCART	323323.00	4100147.00	256.35	256.35
DISCCART	323323.00	4099147.00	253.22	253.22
DISCCART	323323.00	4098147.00	247.78	247.78

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	323323.00	4097147.00	246.75	246.75
DISCCART	323323.00	4096147.00	247.96	247.96
DISCCART	323323.00	4095147.00	242.01	242.01
DISCCART	323323.00	4094147.00	241.29	241.29
DISCCART	323323.00	4093147.00	237.21	237.21
DISCCART	323323.00	4092147.00	234.97	234.97
DISCCART	323323.00	4091147.00	234.90	234.90
DISCCART	323323.00	4090147.00	234.42	234.42
DISCCART	323323.00	4089147.00	235.13	235.13
DISCCART	323323.00	4088147.00	233.40	233.40
DISCCART	323323.00	4087147.00	232.73	232.73
DISCCART	323323.00	4086147.00	235.03	235.03
DISCCART	322323.00	4125147.00	261.16	261.16
DISCCART	322323.00	4124147.00	258.27	258.27
DISCCART	322323.00	4123147.00	264.51	264.51
DISCCART	322323.00	4122147.00	261.46	261.46
DISCCART	322323.00	4121147.00	258.87	258.87
DISCCART	322323.00	4120147.00	260.28	260.28
DISCCART	322323.00	4119147.00	261.81	261.81
DISCCART	322323.00	4118147.00	260.30	260.30
DISCCART	322323.00	4117147.00	257.40	257.40
DISCCART	322323.00	4116147.00	256.71	256.71
DISCCART	322323.00	4115147.00	252.70	252.70
DISCCART	322323.00	4114147.00	247.00	247.00
DISCCART	322323.00	4113147.00	249.80	249.80
DISCCART	322323.00	4112147.00	254.40	254.40
DISCCART	322323.00	4111147.00	253.00	253.00
DISCCART	322323.00	4110147.00	251.24	251.24
DISCCART	322323.00	4109147.00	253.27	253.27
DISCCART	322323.00	4108147.00	250.41	250.41
DISCCART	322323.00	4107147.00	249.25	249.25
DISCCART	322323.00	4106147.00	243.93	243.93
DISCCART	322323.00	4105147.00	247.36	247.36
DISCCART	322323.00	4104147.00	248.25	248.25
DISCCART	322323.00	4103147.00	250.37	250.37
DISCCART	322323.00	4102147.00	241.93	241.93
DISCCART	322323.00	4101147.00	241.18	241.18
DISCCART	322323.00	4100147.00	243.83	243.83
DISCCART	322323.00	4099147.00	247.72	247.72
DISCCART	322323.00	4098147.00	243.88	243.88
DISCCART	322323.00	4097147.00	244.93	244.93
DISCCART	322323.00	4096147.00	240.92	240.92
DISCCART	322323.00	4095147.00	239.37	239.37
DISCCART	322323.00	4094147.00	240.97	240.97
DISCCART	322323.00	4093147.00	237.34	237.34
DISCCART	322323.00	4092147.00	234.85	234.85
DISCCART	322323.00	4091147.00	237.04	237.04
DISCCART	322323.00	4090147.00	235.22	235.22
DISCCART	322323.00	4089147.00	235.93	235.93
DISCCART	322323.00	4088147.00	234.90	234.90
DISCCART	322323.00	4087147.00	234.31	234.31
DISCCART	322323.00	4086147.00	234.63	234.63
DISCCART	321323.00	4125147.00	255.66	255.66
DISCCART	321323.00	4124147.00	255.63	255.63
DISCCART	321323.00	4123147.00	257.76	257.76
DISCCART	321323.00	4122147.00	257.76	257.76
DISCCART	321323.00	4121147.00	256.89	256.89
DISCCART	321323.00	4120147.00	257.62	257.62
DISCCART	321323.00	4119147.00	258.96	258.96
DISCCART	321323.00	4118147.00	256.58	256.58
DISCCART	321323.00	4117147.00	253.42	253.42
DISCCART	321323.00	4116147.00	255.11	255.11
DISCCART	321323.00	4115147.00	252.33	252.33
DISCCART	321323.00	4114147.00	249.80	249.80
DISCCART	321323.00	4113147.00	247.02	247.02
DISCCART	321323.00	4112147.00	251.74	251.74
DISCCART	321323.00	4111147.00	254.33	254.33
DISCCART	321323.00	4110147.00	251.56	251.56
DISCCART	321323.00	4109147.00	245.85	245.85
DISCCART	321323.00	4108147.00	250.86	250.86

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	321323.00	4107147.00	250.05	250.05
DISCCART	321323.00	4106147.00	248.22	248.22
DISCCART	321323.00	4105147.00	240.43	244.24
DISCCART	321323.00	4104147.00	244.51	244.51
DISCCART	321323.00	4103147.00	242.20	242.20
DISCCART	321323.00	4102147.00	239.99	239.99
DISCCART	321323.00	4101147.00	239.68	239.68
DISCCART	321323.00	4100147.00	239.46	239.46
DISCCART	321323.00	4099147.00	237.82	237.82
DISCCART	321323.00	4098147.00	234.66	239.38
DISCCART	321323.00	4097147.00	237.19	237.19
DISCCART	321323.00	4096147.00	242.72	242.72
DISCCART	321323.00	4095147.00	241.62	241.62
DISCCART	321323.00	4094147.00	241.03	241.03
DISCCART	321323.00	4093147.00	237.90	237.90
DISCCART	321323.00	4092147.00	234.06	234.06
DISCCART	321323.00	4091147.00	233.50	233.50
DISCCART	321323.00	4090147.00	235.59	235.59
DISCCART	321323.00	4089147.00	235.35	235.35
DISCCART	321323.00	4088147.00	237.65	254.70
DISCCART	321323.00	4087147.00	238.74	245.54
DISCCART	321323.00	4086147.00	243.49	243.49
DISCCART	320323.00	4125147.00	253.70	253.70
DISCCART	320323.00	4124147.00	252.95	252.95
DISCCART	320323.00	4123147.00	253.18	253.18
DISCCART	320323.00	4122147.00	253.79	253.79
DISCCART	320323.00	4121147.00	255.95	255.95
DISCCART	320323.00	4120147.00	254.25	254.25
DISCCART	320323.00	4119147.00	259.65	259.65
DISCCART	320323.00	4118147.00	254.65	254.65
DISCCART	320323.00	4117147.00	254.35	254.35
DISCCART	320323.00	4116147.00	253.95	253.95
DISCCART	320323.00	4115147.00	253.09	253.09
DISCCART	320323.00	4114147.00	254.14	254.14
DISCCART	320323.00	4113147.00	246.81	246.81
DISCCART	320323.00	4112147.00	246.50	246.50
DISCCART	320323.00	4111147.00	250.73	250.73
DISCCART	320323.00	4110147.00	249.34	249.34
DISCCART	320323.00	4109147.00	249.91	249.91
DISCCART	320323.00	4108147.00	248.20	248.20
DISCCART	320323.00	4107147.00	246.52	246.52
DISCCART	320323.00	4106147.00	242.32	242.32
DISCCART	320323.00	4105147.00	241.08	241.08
DISCCART	320323.00	4104147.00	241.19	241.19
DISCCART	320323.00	4103147.00	241.51	241.51
DISCCART	320323.00	4102147.00	239.18	239.18
DISCCART	320323.00	4101147.00	238.39	238.39
DISCCART	320323.00	4100147.00	238.06	238.06
DISCCART	320323.00	4099147.00	238.73	238.73
DISCCART	320323.00	4098147.00	238.11	238.11
DISCCART	320323.00	4097147.00	234.74	234.74
DISCCART	320323.00	4096147.00	232.32	232.32
DISCCART	320323.00	4095147.00	237.96	237.96
DISCCART	320323.00	4094147.00	237.96	237.96
DISCCART	320323.00	4093147.00	234.86	234.86
DISCCART	320323.00	4092147.00	231.69	231.69
DISCCART	320323.00	4091147.00	235.82	235.82
DISCCART	320323.00	4090147.00	237.35	237.35
DISCCART	320323.00	4089147.00	265.85	270.48
DISCCART	320323.00	4088147.00	260.44	260.44
DISCCART	320323.00	4087147.00	273.75	273.75
DISCCART	320323.00	4086147.00	253.43	253.43
DISCCART	319323.00	4125147.00	250.91	250.91
DISCCART	319323.00	4124147.00	251.66	251.66
DISCCART	319323.00	4123147.00	253.20	253.20
DISCCART	319323.00	4122147.00	249.97	249.97
DISCCART	319323.00	4121147.00	252.23	252.23
DISCCART	319323.00	4120147.00	253.04	253.04
DISCCART	319323.00	4119147.00	253.03	253.03
DISCCART	319323.00	4118147.00	250.21	250.21

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	319323.00	4117147.00	250.72	250.72
DISCCART	319323.00	4116147.00	252.55	252.55
DISCCART	319323.00	4115147.00	253.31	253.31
DISCCART	319323.00	4114147.00	250.84	250.84
DISCCART	319323.00	4113147.00	250.06	250.06
DISCCART	319323.00	4112147.00	247.65	247.65
DISCCART	319323.00	4111147.00	244.61	244.61
DISCCART	319323.00	4110147.00	244.64	244.64
DISCCART	319323.00	4109147.00	243.95	243.95
DISCCART	319323.00	4108147.00	243.12	243.12
DISCCART	319323.00	4107147.00	243.23	243.23
DISCCART	319323.00	4106147.00	242.43	242.43
DISCCART	319323.00	4105147.00	242.26	242.26
DISCCART	319323.00	4104147.00	242.58	242.58
DISCCART	319323.00	4103147.00	242.08	242.08
DISCCART	319323.00	4102147.00	241.50	241.50
DISCCART	319323.00	4101147.00	239.44	239.44
DISCCART	319323.00	4100147.00	240.57	240.57
DISCCART	319323.00	4099147.00	238.27	238.27
DISCCART	319323.00	4098147.00	238.75	238.75
DISCCART	319323.00	4097147.00	240.28	240.28
DISCCART	319323.00	4096147.00	231.95	231.95
DISCCART	319323.00	4095147.00	240.37	240.37
DISCCART	319323.00	4094147.00	231.92	231.92
DISCCART	319323.00	4093147.00	244.96	244.96
DISCCART	319323.00	4092147.00	237.94	237.94
DISCCART	319323.00	4091147.00	236.87	236.87
DISCCART	319323.00	4090147.00	261.65	261.65
DISCCART	319323.00	4089147.00	268.43	268.43
DISCCART	319323.00	4088147.00	276.74	276.74
DISCCART	319323.00	4087147.00	263.53	263.53
DISCCART	319323.00	4086147.00	246.21	246.21
DISCCART	318323.00	4125147.00	253.16	253.16
DISCCART	318323.00	4124147.00	256.01	256.01
DISCCART	318323.00	4123147.00	252.31	252.31
DISCCART	318323.00	4122147.00	248.63	248.63
DISCCART	318323.00	4121147.00	249.42	249.42
DISCCART	318323.00	4120147.00	250.04	250.04
DISCCART	318323.00	4119147.00	250.39	250.39
DISCCART	318323.00	4118147.00	250.75	250.75
DISCCART	318323.00	4117147.00	250.56	250.56
DISCCART	318323.00	4116147.00	251.24	251.24
DISCCART	318323.00	4115147.00	253.06	253.06
DISCCART	318323.00	4114147.00	250.09	250.09
DISCCART	318323.00	4113147.00	249.45	249.45
DISCCART	318323.00	4112147.00	248.19	248.19
DISCCART	318323.00	4111147.00	245.89	245.89
DISCCART	318323.00	4110147.00	244.27	244.27
DISCCART	318323.00	4109147.00	243.80	244.78
DISCCART	318323.00	4108147.00	242.73	242.73
DISCCART	318323.00	4107147.00	241.35	241.35
DISCCART	318323.00	4106147.00	242.43	242.43
DISCCART	318323.00	4105147.00	242.33	242.33
DISCCART	318323.00	4104147.00	243.84	243.84
DISCCART	318323.00	4103147.00	243.68	243.68
DISCCART	318323.00	4102147.00	242.47	242.47
DISCCART	318323.00	4101147.00	240.90	240.90
DISCCART	318323.00	4100147.00	241.01	241.01
DISCCART	318323.00	4099147.00	238.71	238.71
DISCCART	318323.00	4098147.00	238.43	238.43
DISCCART	318323.00	4097147.00	257.23	257.23
DISCCART	318323.00	4096147.00	247.71	247.71
DISCCART	318323.00	4095147.00	239.86	239.86
DISCCART	318323.00	4094147.00	238.68	238.68
DISCCART	318323.00	4093147.00	252.52	252.52
DISCCART	318323.00	4092147.00	239.99	239.99
DISCCART	318323.00	4091147.00	238.91	238.91
DISCCART	318323.00	4090147.00	249.33	249.33
DISCCART	318323.00	4089147.00	265.92	265.92
DISCCART	318323.00	4088147.00	270.36	270.36

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	318323.00	4087147.00	269.51	269.51
DISCCART	318323.00	4086147.00	253.05	253.05
DISCCART	317323.00	4125147.00	272.11	272.11
DISCCART	317323.00	4124147.00	258.48	258.48
DISCCART	317323.00	4123147.00	250.56	250.56
DISCCART	317323.00	4122147.00	247.37	247.37
DISCCART	317323.00	4121147.00	247.99	247.99
DISCCART	317323.00	4120147.00	248.35	248.35
DISCCART	317323.00	4119147.00	248.92	248.92
DISCCART	317323.00	4118147.00	249.45	249.45
DISCCART	317323.00	4117147.00	248.81	248.81
DISCCART	317323.00	4116147.00	248.62	248.62
DISCCART	317323.00	4115147.00	246.37	246.37
DISCCART	317323.00	4114147.00	245.13	245.13
DISCCART	317323.00	4113147.00	244.23	244.23
DISCCART	317323.00	4112147.00	245.69	245.69
DISCCART	317323.00	4111147.00	245.74	245.74
DISCCART	317323.00	4110147.00	245.48	245.48
DISCCART	317323.00	4109147.00	242.89	242.89
DISCCART	317323.00	4108147.00	244.31	244.31
DISCCART	317323.00	4107147.00	242.33	242.33
DISCCART	317323.00	4106147.00	242.43	242.43
DISCCART	317323.00	4105147.00	241.72	241.72
DISCCART	317323.00	4104147.00	242.64	242.64
DISCCART	317323.00	4103147.00	242.17	242.17
DISCCART	317323.00	4102147.00	240.90	240.90
DISCCART	317323.00	4101147.00	241.84	241.84
DISCCART	317323.00	4100147.00	242.40	242.40
DISCCART	317323.00	4099147.00	239.38	239.38
DISCCART	317323.00	4098147.00	239.76	239.76
DISCCART	317323.00	4097147.00	255.14	255.14
DISCCART	317323.00	4096147.00	255.53	255.53
DISCCART	317323.00	4095147.00	243.02	243.02
DISCCART	317323.00	4094147.00	236.93	239.46
DISCCART	317323.00	4093147.00	248.06	248.06
DISCCART	317323.00	4092147.00	251.03	251.03
DISCCART	317323.00	4091147.00	244.05	244.05
DISCCART	317323.00	4090147.00	240.71	240.71
DISCCART	317323.00	4089147.00	247.10	247.10
DISCCART	317323.00	4088147.00	264.46	264.46
DISCCART	317323.00	4087147.00	256.47	256.47
DISCCART	317323.00	4086147.00	264.20	264.20
DISCCART	316323.00	4125147.00	258.52	258.52
DISCCART	316323.00	4124147.00	253.67	253.67
DISCCART	316323.00	4123147.00	255.83	255.83
DISCCART	316323.00	4122147.00	249.76	249.76
DISCCART	316323.00	4121147.00	249.83	249.83
DISCCART	316323.00	4120147.00	247.61	247.61
DISCCART	316323.00	4119147.00	246.56	246.56
DISCCART	316323.00	4118147.00	244.24	244.24
DISCCART	316323.00	4117147.00	247.98	247.98
DISCCART	316323.00	4116147.00	247.06	247.06
DISCCART	316323.00	4115147.00	246.97	246.97
DISCCART	316323.00	4114147.00	244.10	244.10
DISCCART	316323.00	4113147.00	242.39	244.18
DISCCART	316323.00	4112147.00	244.58	244.58
DISCCART	316323.00	4111147.00	243.95	243.95
DISCCART	316323.00	4110147.00	243.95	243.95
DISCCART	316323.00	4109147.00	244.43	244.43
DISCCART	316323.00	4108147.00	240.78	240.78
DISCCART	316323.00	4107147.00	243.53	243.53
DISCCART	316323.00	4106147.00	241.01	241.01
DISCCART	316323.00	4105147.00	240.90	240.90
DISCCART	316323.00	4104147.00	242.34	242.34
DISCCART	316323.00	4103147.00	240.91	240.91
DISCCART	316323.00	4102147.00	240.90	240.90
DISCCART	316323.00	4101147.00	241.35	241.35
DISCCART	316323.00	4100147.00	241.64	241.64
DISCCART	316323.00	4099147.00	239.26	239.26
DISCCART	316323.00	4098147.00	237.90	237.90



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	316323.00	4097147.00	243.39	243.39
DISCCART	316323.00	4096147.00	250.14	250.14
DISCCART	316323.00	4095147.00	242.63	242.63
DISCCART	316323.00	4094147.00	247.91	247.91
DISCCART	316323.00	4093147.00	253.84	253.84
DISCCART	316323.00	4092147.00	253.72	253.72
DISCCART	316323.00	4091147.00	246.45	246.45
DISCCART	316323.00	4090147.00	241.60	241.60
DISCCART	316323.00	4089147.00	243.86	243.86
DISCCART	316323.00	4088147.00	251.57	251.57
DISCCART	316323.00	4087147.00	255.79	255.79
DISCCART	316323.00	4086147.00	260.22	260.22
DISCCART	315323.00	4125147.00	253.47	253.47
DISCCART	315323.00	4124147.00	254.09	254.09
DISCCART	315323.00	4123147.00	253.63	253.63
DISCCART	315323.00	4122147.00	249.24	249.24
DISCCART	315323.00	4121147.00	248.79	248.79
DISCCART	315323.00	4120147.00	248.43	248.43
DISCCART	315323.00	4119147.00	247.80	247.80
DISCCART	315323.00	4118147.00	249.85	249.85
DISCCART	315323.00	4117147.00	247.00	247.00
DISCCART	315323.00	4116147.00	246.88	246.88
DISCCART	315323.00	4115147.00	247.00	247.00
DISCCART	315323.00	4114147.00	246.96	246.96
DISCCART	315323.00	4113147.00	244.73	244.73
DISCCART	315323.00	4112147.00	243.08	243.08
DISCCART	315323.00	4111147.00	244.12	244.12
DISCCART	315323.00	4110147.00	245.10	245.10
DISCCART	315323.00	4109147.00	244.34	244.34
DISCCART	315323.00	4108147.00	242.43	242.43
DISCCART	315323.00	4107147.00	243.40	243.40
DISCCART	315323.00	4106147.00	244.42	244.42
DISCCART	315323.00	4105147.00	243.81	243.81
DISCCART	315323.00	4104147.00	242.43	242.43
DISCCART	315323.00	4103147.00	240.90	240.90
DISCCART	315323.00	4102147.00	237.65	237.65
DISCCART	315323.00	4101147.00	240.94	240.94
DISCCART	315323.00	4100147.00	237.96	237.96
DISCCART	315323.00	4099147.00	252.85	252.85
DISCCART	315323.00	4098147.00	243.88	243.88
DISCCART	315323.00	4097147.00	250.86	250.86
DISCCART	315323.00	4096147.00	249.50	249.50
DISCCART	315323.00	4095147.00	237.94	237.94
DISCCART	315323.00	4094147.00	251.06	251.06
DISCCART	315323.00	4093147.00	249.86	249.86
DISCCART	315323.00	4092147.00	252.13	252.13
DISCCART	315323.00	4091147.00	251.88	251.88
DISCCART	315323.00	4090147.00	243.95	243.95
DISCCART	315323.00	4089147.00	251.35	251.35
DISCCART	315323.00	4088147.00	253.54	253.54
DISCCART	315323.00	4087147.00	250.61	250.61
DISCCART	315323.00	4086147.00	250.64	250.64
DISCCART	314323.00	4125147.00	253.70	253.70
DISCCART	314323.00	4124147.00	250.09	250.09
DISCCART	314323.00	4123147.00	246.90	246.90
DISCCART	314323.00	4122147.00	249.15	249.15
DISCCART	314323.00	4121147.00	249.59	249.59
DISCCART	314323.00	4120147.00	249.53	249.53
DISCCART	314323.00	4119147.00	248.14	248.14
DISCCART	314323.00	4118147.00	247.60	247.60
DISCCART	314323.00	4117147.00	247.81	247.81
DISCCART	314323.00	4116147.00	247.29	247.29
DISCCART	314323.00	4115147.00	247.00	247.00
DISCCART	314323.00	4114147.00	246.97	246.97
DISCCART	314323.00	4113147.00	246.68	246.68
DISCCART	314323.00	4112147.00	244.00	244.00
DISCCART	314323.00	4111147.00	245.47	245.47
DISCCART	314323.00	4110147.00	256.19	256.19
DISCCART	314323.00	4109147.00	255.12	255.12
DISCCART	314323.00	4108147.00	252.33	252.33

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	314323.00	4107147.00	249.76	249.76
DISCCART	314323.00	4106147.00	246.87	246.87
DISCCART	314323.00	4105147.00	237.87	245.11
DISCCART	314323.00	4104147.00	241.67	241.67
DISCCART	314323.00	4103147.00	241.96	241.96
DISCCART	314323.00	4102147.00	250.87	250.87
DISCCART	314323.00	4101147.00	249.19	249.19
DISCCART	314323.00	4100147.00	244.00	244.00
DISCCART	314323.00	4099147.00	249.75	249.75
DISCCART	314323.00	4098147.00	256.72	256.72
DISCCART	314323.00	4097147.00	253.69	253.69
DISCCART	314323.00	4096147.00	249.62	249.62
DISCCART	314323.00	4095147.00	241.25	241.25
DISCCART	314323.00	4094147.00	252.89	252.89
DISCCART	314323.00	4093147.00	254.67	254.67
DISCCART	314323.00	4092147.00	256.17	256.17
DISCCART	314323.00	4091147.00	259.42	259.42
DISCCART	314323.00	4090147.00	250.18	250.18
DISCCART	314323.00	4089147.00	252.19	252.19
DISCCART	314323.00	4088147.00	258.90	258.90
DISCCART	314323.00	4087147.00	257.07	257.07
DISCCART	314323.00	4086147.00	257.82	257.82
DISCCART	313323.00	4125147.00	251.89	251.89
DISCCART	313323.00	4124147.00	250.16	250.16
DISCCART	313323.00	4123147.00	250.05	250.05
DISCCART	313323.00	4122147.00	247.13	247.13
DISCCART	313323.00	4121147.00	250.01	250.01
DISCCART	313323.00	4120147.00	249.77	249.77
DISCCART	313323.00	4119147.00	247.54	247.54
DISCCART	313323.00	4118147.00	249.61	249.61
DISCCART	313323.00	4117147.00	249.55	249.55
DISCCART	313323.00	4116147.00	272.30	272.30
DISCCART	313323.00	4115147.00	280.69	280.69
DISCCART	313323.00	4114147.00	274.01	274.01
DISCCART	313323.00	4113147.00	252.22	252.22
DISCCART	313323.00	4112147.00	252.98	252.98
DISCCART	313323.00	4111147.00	258.39	258.39
DISCCART	313323.00	4110147.00	257.05	257.05
DISCCART	313323.00	4109147.00	258.69	258.69
DISCCART	313323.00	4108147.00	250.98	250.98
DISCCART	313323.00	4107147.00	245.93	245.93
DISCCART	313323.00	4106147.00	247.54	247.54
DISCCART	313323.00	4105147.00	241.64	241.64
DISCCART	313323.00	4104147.00	243.12	243.12
DISCCART	313323.00	4103147.00	252.45	252.45
DISCCART	313323.00	4102147.00	249.33	249.33
DISCCART	313323.00	4101147.00	252.97	252.97
DISCCART	313323.00	4100147.00	244.33	244.33
DISCCART	313323.00	4099147.00	247.96	247.96
DISCCART	313323.00	4098147.00	257.21	257.21
DISCCART	313323.00	4097147.00	256.87	256.87
DISCCART	313323.00	4096147.00	249.34	249.34
DISCCART	313323.00	4095147.00	256.35	259.71
DISCCART	313323.00	4094147.00	248.22	248.22
DISCCART	313323.00	4093147.00	252.60	252.60
DISCCART	313323.00	4092147.00	262.94	262.94
DISCCART	313323.00	4091147.00	259.33	259.33
DISCCART	313323.00	4090147.00	254.62	254.62
DISCCART	313323.00	4089147.00	257.37	257.37
DISCCART	313323.00	4088147.00	260.37	260.37
DISCCART	313323.00	4087147.00	263.78	263.78
DISCCART	313323.00	4086147.00	267.63	267.63
DISCCART	312323.00	4125147.00	249.95	249.95
DISCCART	312323.00	4124147.00	257.50	257.50
DISCCART	312323.00	4123147.00	258.30	258.30
DISCCART	312323.00	4122147.00	259.40	259.40
DISCCART	312323.00	4121147.00	267.85	267.85
DISCCART	312323.00	4120147.00	246.90	246.90
DISCCART	312323.00	4119147.00	255.22	260.64
DISCCART	312323.00	4118147.00	257.20	257.20

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	312323.00	4117147.00	268.17	271.79
DISCCART	312323.00	4116147.00	276.59	276.59
DISCCART	312323.00	4115147.00	274.11	274.11
DISCCART	312323.00	4114147.00	279.12	279.12
DISCCART	312323.00	4113147.00	272.07	272.07
DISCCART	312323.00	4112147.00	261.38	261.38
DISCCART	312323.00	4111147.00	259.27	259.27
DISCCART	312323.00	4110147.00	253.55	253.55
DISCCART	312323.00	4109147.00	253.14	253.14
DISCCART	312323.00	4108147.00	249.38	249.38
DISCCART	312323.00	4107147.00	247.95	247.95
DISCCART	312323.00	4106147.00	243.93	243.93
DISCCART	312323.00	4105147.00	243.54	243.54
DISCCART	312323.00	4104147.00	242.66	242.66
DISCCART	312323.00	4103147.00	247.57	247.57
DISCCART	312323.00	4102147.00	250.16	250.16
DISCCART	312323.00	4101147.00	252.32	252.32
DISCCART	312323.00	4100147.00	256.12	256.12
DISCCART	312323.00	4099147.00	253.99	253.99
DISCCART	312323.00	4098147.00	254.89	254.89
DISCCART	312323.00	4097147.00	256.02	256.02
DISCCART	312323.00	4096147.00	253.85	253.85
DISCCART	312323.00	4095147.00	255.61	261.95
DISCCART	312323.00	4094147.00	255.49	255.49
DISCCART	312323.00	4093147.00	249.83	249.83
DISCCART	312323.00	4092147.00	255.33	255.33
DISCCART	312323.00	4091147.00	263.26	263.26
DISCCART	312323.00	4090147.00	270.56	270.56
DISCCART	312323.00	4089147.00	265.27	265.27
DISCCART	312323.00	4088147.00	274.86	274.86
DISCCART	312323.00	4087147.00	270.34	270.34
DISCCART	312323.00	4086147.00	260.54	260.54
DISCCART	311323.00	4125147.00	256.18	256.18
DISCCART	311323.00	4124147.00	262.34	262.34
DISCCART	311323.00	4123147.00	256.97	256.97
DISCCART	311323.00	4122147.00	261.84	261.84
DISCCART	311323.00	4121147.00	265.36	265.36
DISCCART	311323.00	4120147.00	262.44	262.44
DISCCART	311323.00	4119147.00	268.59	268.59
DISCCART	311323.00	4118147.00	274.38	274.38
DISCCART	311323.00	4117147.00	274.54	274.54
DISCCART	311323.00	4116147.00	276.83	276.83
DISCCART	311323.00	4115147.00	265.26	265.26
DISCCART	311323.00	4114147.00	268.90	268.90
DISCCART	311323.00	4113147.00	262.41	262.41
DISCCART	311323.00	4112147.00	259.65	259.65
DISCCART	311323.00	4111147.00	258.31	258.31
DISCCART	311323.00	4110147.00	253.32	253.32
DISCCART	311323.00	4109147.00	250.11	250.11
DISCCART	311323.00	4108147.00	249.89	249.89
DISCCART	311323.00	4107147.00	243.58	243.58
DISCCART	311323.00	4106147.00	243.95	243.95
DISCCART	311323.00	4105147.00	250.20	250.20
DISCCART	311323.00	4104147.00	251.97	251.97
DISCCART	311323.00	4103147.00	251.94	251.94
DISCCART	311323.00	4102147.00	256.65	256.65
DISCCART	311323.00	4101147.00	253.34	253.34
DISCCART	311323.00	4100147.00	253.49	253.49
DISCCART	311323.00	4099147.00	259.78	259.78
DISCCART	311323.00	4098147.00	257.36	257.36
DISCCART	311323.00	4097147.00	259.65	259.65
DISCCART	311323.00	4096147.00	259.04	259.58
DISCCART	311323.00	4095147.00	257.96	257.96
DISCCART	311323.00	4094147.00	262.16	262.16
DISCCART	311323.00	4093147.00	253.88	253.88
DISCCART	311323.00	4092147.00	260.62	260.62
DISCCART	311323.00	4091147.00	262.43	262.43
DISCCART	311323.00	4090147.00	278.92	278.92
DISCCART	311323.00	4089147.00	287.29	287.29
DISCCART	311323.00	4088147.00	271.45	271.45

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	311323.00	4087147.00	259.50	259.50
DISCCART	311323.00	4086147.00	255.03	255.03
DISCCART	310323.00	4125147.00	265.98	265.98
DISCCART	310323.00	4124147.00	265.49	265.49
DISCCART	310323.00	4123147.00	263.95	263.95
DISCCART	310323.00	4122147.00	263.42	263.42
DISCCART	310323.00	4121147.00	266.35	266.35
DISCCART	310323.00	4120147.00	272.31	272.31
DISCCART	310323.00	4119147.00	271.50	271.50
DISCCART	310323.00	4118147.00	271.51	271.51
DISCCART	310323.00	4117147.00	267.75	267.75
DISCCART	310323.00	4116147.00	263.34	263.34
DISCCART	310323.00	4115147.00	267.82	267.82
DISCCART	310323.00	4114147.00	267.27	267.27
DISCCART	310323.00	4113147.00	257.48	257.48
DISCCART	310323.00	4112147.00	249.33	249.33
DISCCART	310323.00	4111147.00	250.41	250.41
DISCCART	310323.00	4110147.00	250.00	250.00
DISCCART	310323.00	4109147.00	247.00	247.00
DISCCART	310323.00	4108147.00	244.16	244.16
DISCCART	310323.00	4107147.00	243.95	243.95
DISCCART	310323.00	4106147.00	243.13	247.75
DISCCART	310323.00	4105147.00	254.52	254.52
DISCCART	310323.00	4104147.00	260.80	260.80
DISCCART	310323.00	4103147.00	260.33	260.33
DISCCART	310323.00	4102147.00	262.55	262.55
DISCCART	310323.00	4101147.00	260.15	260.15
DISCCART	310323.00	4100147.00	260.27	260.27
DISCCART	310323.00	4099147.00	265.04	265.04
DISCCART	310323.00	4098147.00	266.24	266.24
DISCCART	310323.00	4097147.00	258.01	258.01
DISCCART	310323.00	4096147.00	251.46	266.11
DISCCART	310323.00	4095147.00	257.37	257.37
DISCCART	310323.00	4094147.00	262.55	262.55
DISCCART	310323.00	4093147.00	258.46	258.46
DISCCART	310323.00	4092147.00	267.00	267.00
DISCCART	310323.00	4091147.00	283.56	283.56
DISCCART	310323.00	4090147.00	280.33	280.33
DISCCART	310323.00	4089147.00	269.65	286.65
DISCCART	310323.00	4088147.00	263.20	263.20
DISCCART	310323.00	4087147.00	253.69	253.69
DISCCART	310323.00	4086147.00	249.98	249.98
DISCCART	309323.00	4125147.00	272.13	272.13
DISCCART	309323.00	4124147.00	271.16	271.16
DISCCART	309323.00	4123147.00	277.63	277.63
DISCCART	309323.00	4122147.00	278.67	278.67
DISCCART	309323.00	4121147.00	268.99	268.99
DISCCART	309323.00	4120147.00	264.91	264.91
DISCCART	309323.00	4119147.00	265.29	265.29
DISCCART	309323.00	4118147.00	264.73	264.73
DISCCART	309323.00	4117147.00	264.79	264.79
DISCCART	309323.00	4116147.00	261.19	261.19
DISCCART	309323.00	4115147.00	259.67	259.67
DISCCART	309323.00	4114147.00	262.33	262.33
DISCCART	309323.00	4113147.00	247.01	247.01
DISCCART	309323.00	4112147.00	248.77	248.77
DISCCART	309323.00	4111147.00	248.36	248.36
DISCCART	309323.00	4110147.00	245.36	245.36
DISCCART	309323.00	4109147.00	245.57	245.57
DISCCART	309323.00	4108147.00	243.97	243.97
DISCCART	309323.00	4107147.00	246.92	246.92
DISCCART	309323.00	4106147.00	248.81	248.81
DISCCART	309323.00	4105147.00	249.44	253.63
DISCCART	309323.00	4104147.00	279.65	279.65
DISCCART	309323.00	4103147.00	277.82	277.82
DISCCART	309323.00	4102147.00	266.04	266.04
DISCCART	309323.00	4101147.00	268.43	268.43
DISCCART	309323.00	4100147.00	267.78	267.78
DISCCART	309323.00	4099147.00	273.11	273.90
DISCCART	309323.00	4098147.00	275.76	275.76

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	309323.00	4097147.00	265.68	265.68
DISCCART	309323.00	4096147.00	256.37	256.37
DISCCART	309323.00	4095147.00	252.12	252.12
DISCCART	309323.00	4094147.00	262.68	262.68
DISCCART	309323.00	4093147.00	268.78	268.78
DISCCART	309323.00	4092147.00	268.32	268.32
DISCCART	309323.00	4091147.00	280.32	280.32
DISCCART	309323.00	4090147.00	266.89	266.89
DISCCART	309323.00	4089147.00	278.43	285.46
DISCCART	309323.00	4088147.00	257.90	257.90
DISCCART	309323.00	4087147.00	252.54	252.54
DISCCART	309323.00	4086147.00	247.10	247.10
DISCCART	348323.00	4126147.00	274.54	274.54
DISCCART	348323.00	4127147.00	273.48	273.48
DISCCART	348323.00	4128147.00	271.66	271.66
DISCCART	348323.00	4129147.00	274.16	274.16
DISCCART	348323.00	4130147.00	268.25	268.25
DISCCART	348323.00	4131147.00	269.97	269.97
DISCCART	348323.00	4132147.00	278.15	278.15
DISCCART	348323.00	4133147.00	280.31	280.31
DISCCART	348323.00	4134147.00	275.86	275.86
DISCCART	348323.00	4135147.00	275.91	275.91
DISCCART	348323.00	4136147.00	272.48	272.48
DISCCART	348323.00	4137147.00	271.58	271.58
DISCCART	348323.00	4138147.00	268.93	268.93
DISCCART	348323.00	4139147.00	271.27	271.27
DISCCART	348323.00	4140147.00	280.13	280.13
DISCCART	348323.00	4141147.00	282.83	282.83
DISCCART	348323.00	4142147.00	284.20	284.20
DISCCART	348323.00	4143147.00	278.50	278.50
DISCCART	348323.00	4144147.00	280.46	280.46
DISCCART	348323.00	4145147.00	276.78	276.78
DISCCART	348323.00	4146147.00	278.91	278.91
DISCCART	348323.00	4147147.00	279.26	279.26
DISCCART	348323.00	4148147.00	281.55	281.55
DISCCART	348323.00	4149147.00	282.05	282.05
DISCCART	348323.00	4150147.00	280.85	280.85
DISCCART	348323.00	4151147.00	283.70	283.70
DISCCART	348323.00	4152147.00	286.63	286.63
DISCCART	348323.00	4153147.00	292.82	292.82
DISCCART	348323.00	4154147.00	295.00	295.00
DISCCART	348323.00	4155147.00	296.38	296.38
DISCCART	348323.00	4156147.00	301.77	301.77
DISCCART	348323.00	4157147.00	299.69	299.69
DISCCART	348323.00	4158147.00	300.52	300.52
DISCCART	348323.00	4159147.00	304.29	304.29
DISCCART	348323.00	4160147.00	297.70	297.70
DISCCART	348323.00	4161147.00	276.20	290.27
DISCCART	348323.00	4162147.00	294.22	294.22
DISCCART	348323.00	4163147.00	290.19	290.19
DISCCART	348323.00	4164147.00	289.72	289.72
DISCCART	348323.00	4165147.00	266.52	287.54
DISCCART	348323.00	4166147.00	259.27	259.27
DISCCART	348323.00	4167147.00	261.61	261.61
DISCCART	348323.00	4168147.00	263.81	263.81
DISCCART	348323.00	4169147.00	259.34	259.34
DISCCART	348323.00	4170147.00	252.70	252.70
DISCCART	348323.00	4171147.00	254.04	254.04
DISCCART	348323.00	4172147.00	273.54	273.54
DISCCART	348323.00	4173147.00	266.65	271.80
DISCCART	348323.00	4174147.00	262.87	262.87
DISCCART	348323.00	4175147.00	277.47	277.47
DISCCART	348323.00	4176147.00	278.13	278.13
DISCCART	348323.00	4177147.00	296.31	296.31
DISCCART	348323.00	4178147.00	298.60	298.60
DISCCART	348323.00	4179147.00	290.38	290.38
DISCCART	348323.00	4180147.00	283.57	283.57
DISCCART	348323.00	4181147.00	281.85	281.85
DISCCART	348323.00	4182147.00	280.52	280.52
DISCCART	348323.00	4183147.00	284.26	284.26

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	348323.00	4184147.00	274.06	274.06
DISCCART	348323.00	4185147.00	276.08	276.08
DISCCART	348323.00	4186147.00	276.71	290.84
DISCCART	347323.00	4126147.00	270.97	270.97
DISCCART	347323.00	4127147.00	273.97	273.97
DISCCART	347323.00	4128147.00	276.34	276.34
DISCCART	347323.00	4129147.00	271.65	271.65
DISCCART	347323.00	4130147.00	271.57	271.57
DISCCART	347323.00	4131147.00	266.84	266.84
DISCCART	347323.00	4132147.00	273.82	273.82
DISCCART	347323.00	4133147.00	278.17	278.17
DISCCART	347323.00	4134147.00	282.16	282.16
DISCCART	347323.00	4135147.00	282.02	282.02
DISCCART	347323.00	4136147.00	277.92	277.92
DISCCART	347323.00	4137147.00	277.03	277.03
DISCCART	347323.00	4138147.00	271.86	271.86
DISCCART	347323.00	4139147.00	268.27	268.27
DISCCART	347323.00	4140147.00	270.26	270.26
DISCCART	347323.00	4141147.00	271.65	271.65
DISCCART	347323.00	4142147.00	272.06	272.06
DISCCART	347323.00	4143147.00	276.88	276.88
DISCCART	347323.00	4144147.00	277.19	277.19
DISCCART	347323.00	4145147.00	279.22	279.22
DISCCART	347323.00	4146147.00	279.85	279.85
DISCCART	347323.00	4147147.00	284.06	284.06
DISCCART	347323.00	4148147.00	289.32	289.32
DISCCART	347323.00	4149147.00	290.93	290.93
DISCCART	347323.00	4150147.00	289.01	289.01
DISCCART	347323.00	4151147.00	285.41	285.41
DISCCART	347323.00	4152147.00	283.59	283.59
DISCCART	347323.00	4153147.00	287.31	287.31
DISCCART	347323.00	4154147.00	286.94	286.94
DISCCART	347323.00	4155147.00	288.83	288.83
DISCCART	347323.00	4156147.00	291.88	291.88
DISCCART	347323.00	4157147.00	298.05	298.05
DISCCART	347323.00	4158147.00	302.63	302.63
DISCCART	347323.00	4159147.00	303.42	303.42
DISCCART	347323.00	4160147.00	298.04	298.04
DISCCART	347323.00	4161147.00	284.50	284.50
DISCCART	347323.00	4162147.00	293.04	293.04
DISCCART	347323.00	4163147.00	289.66	289.66
DISCCART	347323.00	4164147.00	281.33	281.33
DISCCART	347323.00	4165147.00	266.43	266.43
DISCCART	347323.00	4166147.00	267.35	267.35
DISCCART	347323.00	4167147.00	271.24	271.24
DISCCART	347323.00	4168147.00	271.63	271.63
DISCCART	347323.00	4169147.00	275.77	281.24
DISCCART	347323.00	4170147.00	263.13	263.13
DISCCART	347323.00	4171147.00	267.25	275.24
DISCCART	347323.00	4172147.00	268.04	268.04
DISCCART	347323.00	4173147.00	277.10	277.10
DISCCART	347323.00	4174147.00	259.56	263.34
DISCCART	347323.00	4175147.00	267.91	267.91
DISCCART	347323.00	4176147.00	292.87	292.87
DISCCART	347323.00	4177147.00	296.54	296.54
DISCCART	347323.00	4178147.00	292.65	292.65
DISCCART	347323.00	4179147.00	288.98	288.98
DISCCART	347323.00	4180147.00	281.16	281.16
DISCCART	347323.00	4181147.00	277.89	277.89
DISCCART	347323.00	4182147.00	282.48	282.48
DISCCART	347323.00	4183147.00	265.48	275.02
DISCCART	347323.00	4184147.00	280.77	280.77
DISCCART	347323.00	4185147.00	266.35	266.35
DISCCART	347323.00	4186147.00	267.44	267.44
DISCCART	346323.00	4126147.00	274.33	274.33
DISCCART	346323.00	4127147.00	275.61	275.61
DISCCART	346323.00	4128147.00	277.80	277.80
DISCCART	346323.00	4129147.00	281.56	281.56
DISCCART	346323.00	4130147.00	277.98	277.98
DISCCART	346323.00	4131147.00	273.03	273.03

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	346323.00	4132147.00	266.39	268.55
DISCCART	346323.00	4133147.00	275.42	275.42
DISCCART	346323.00	4134147.00	274.67	274.67
DISCCART	346323.00	4135147.00	281.04	281.04
DISCCART	346323.00	4136147.00	285.55	285.55
DISCCART	346323.00	4137147.00	279.44	279.44
DISCCART	346323.00	4138147.00	281.39	281.39
DISCCART	346323.00	4139147.00	271.81	271.81
DISCCART	346323.00	4140147.00	270.54	270.54
DISCCART	346323.00	4141147.00	277.35	277.35
DISCCART	346323.00	4142147.00	280.86	280.86
DISCCART	346323.00	4143147.00	283.63	283.63
DISCCART	346323.00	4144147.00	284.82	284.82
DISCCART	346323.00	4145147.00	282.55	282.55
DISCCART	346323.00	4146147.00	285.63	285.63
DISCCART	346323.00	4147147.00	287.01	287.01
DISCCART	346323.00	4148147.00	283.60	283.60
DISCCART	346323.00	4149147.00	292.64	292.64
DISCCART	346323.00	4150147.00	292.81	292.81
DISCCART	346323.00	4151147.00	293.40	293.40
DISCCART	346323.00	4152147.00	289.23	289.23
DISCCART	346323.00	4153147.00	290.20	290.20
DISCCART	346323.00	4154147.00	296.07	296.07
DISCCART	346323.00	4155147.00	302.56	302.56
DISCCART	346323.00	4156147.00	303.20	303.20
DISCCART	346323.00	4157147.00	302.90	302.90
DISCCART	346323.00	4158147.00	300.85	300.85
DISCCART	346323.00	4159147.00	299.54	299.54
DISCCART	346323.00	4160147.00	295.95	295.95
DISCCART	346323.00	4161147.00	292.53	292.53
DISCCART	346323.00	4162147.00	311.83	311.83
DISCCART	346323.00	4163147.00	298.63	298.63
DISCCART	346323.00	4164147.00	287.10	287.10
DISCCART	346323.00	4165147.00	267.71	281.63
DISCCART	346323.00	4166147.00	281.72	281.72
DISCCART	346323.00	4167147.00	286.11	286.11
DISCCART	346323.00	4168147.00	274.25	274.25
DISCCART	346323.00	4169147.00	256.56	256.86
DISCCART	346323.00	4170147.00	263.90	269.05
DISCCART	346323.00	4171147.00	278.85	278.85
DISCCART	346323.00	4172147.00	259.13	259.13
DISCCART	346323.00	4173147.00	291.56	291.56
DISCCART	346323.00	4174147.00	280.73	280.73
DISCCART	346323.00	4175147.00	270.47	270.47
DISCCART	346323.00	4176147.00	280.55	283.99
DISCCART	346323.00	4177147.00	291.73	291.73
DISCCART	346323.00	4178147.00	290.05	290.05
DISCCART	346323.00	4179147.00	283.49	283.49
DISCCART	346323.00	4180147.00	273.03	276.70
DISCCART	346323.00	4181147.00	276.25	276.25
DISCCART	346323.00	4182147.00	282.04	282.04
DISCCART	346323.00	4183147.00	272.81	272.81
DISCCART	346323.00	4184147.00	276.91	276.91
DISCCART	346323.00	4185147.00	264.30	268.80
DISCCART	346323.00	4186147.00	254.05	254.05
DISCCART	345323.00	4126147.00	280.71	280.71
DISCCART	345323.00	4127147.00	281.03	281.03
DISCCART	345323.00	4128147.00	281.27	281.27
DISCCART	345323.00	4129147.00	277.27	277.27
DISCCART	345323.00	4130147.00	277.53	277.53
DISCCART	345323.00	4131147.00	271.90	271.90
DISCCART	345323.00	4132147.00	271.63	271.63
DISCCART	345323.00	4133147.00	273.46	273.46
DISCCART	345323.00	4134147.00	274.69	274.69
DISCCART	345323.00	4135147.00	280.84	280.84
DISCCART	345323.00	4136147.00	283.63	283.63
DISCCART	345323.00	4137147.00	284.68	284.68
DISCCART	345323.00	4138147.00	282.74	282.74
DISCCART	345323.00	4139147.00	271.59	271.59
DISCCART	345323.00	4140147.00	274.68	274.68

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	345323.00	4141147.00	274.59	274.59
DISCCART	345323.00	4142147.00	280.34	280.34
DISCCART	345323.00	4143147.00	282.80	282.80
DISCCART	345323.00	4144147.00	280.11	280.11
DISCCART	345323.00	4145147.00	287.07	287.07
DISCCART	345323.00	4146147.00	287.48	287.48
DISCCART	345323.00	4147147.00	287.13	287.13
DISCCART	345323.00	4148147.00	289.87	289.87
DISCCART	345323.00	4149147.00	289.70	289.70
DISCCART	345323.00	4150147.00	289.95	289.95
DISCCART	345323.00	4151147.00	294.99	294.99
DISCCART	345323.00	4152147.00	296.30	296.30
DISCCART	345323.00	4153147.00	296.79	296.79
DISCCART	345323.00	4154147.00	298.32	298.32
DISCCART	345323.00	4155147.00	293.29	293.29
DISCCART	345323.00	4156147.00	295.84	295.84
DISCCART	345323.00	4157147.00	301.76	301.76
DISCCART	345323.00	4158147.00	302.09	302.09
DISCCART	345323.00	4159147.00	301.33	301.33
DISCCART	345323.00	4160147.00	309.06	309.06
DISCCART	345323.00	4161147.00	312.35	312.35
DISCCART	345323.00	4162147.00	292.15	292.15
DISCCART	345323.00	4163147.00	287.00	287.00
DISCCART	345323.00	4164147.00	284.41	284.41
DISCCART	345323.00	4165147.00	262.78	277.65
DISCCART	345323.00	4166147.00	274.50	274.50
DISCCART	345323.00	4167147.00	286.96	286.96
DISCCART	345323.00	4168147.00	282.07	282.07
DISCCART	345323.00	4169147.00	259.41	259.41
DISCCART	345323.00	4170147.00	278.54	278.54
DISCCART	345323.00	4171147.00	284.68	287.00
DISCCART	345323.00	4172147.00	259.80	274.39
DISCCART	345323.00	4173147.00	280.27	280.27
DISCCART	345323.00	4174147.00	295.00	295.00
DISCCART	345323.00	4175147.00	286.98	286.98
DISCCART	345323.00	4176147.00	279.73	279.73
DISCCART	345323.00	4177147.00	289.36	289.36
DISCCART	345323.00	4178147.00	292.63	292.63
DISCCART	345323.00	4179147.00	280.64	280.64
DISCCART	345323.00	4180147.00	274.44	275.39
DISCCART	345323.00	4181147.00	282.33	282.33
DISCCART	345323.00	4182147.00	259.81	259.81
DISCCART	345323.00	4183147.00	259.81	259.81
DISCCART	345323.00	4184147.00	249.25	249.25
DISCCART	345323.00	4185147.00	247.33	247.33
DISCCART	345323.00	4186147.00	265.38	265.38
DISCCART	344323.00	4126147.00	280.87	280.87
DISCCART	344323.00	4127147.00	280.81	280.81
DISCCART	344323.00	4128147.00	281.66	281.66
DISCCART	344323.00	4129147.00	280.73	280.73
DISCCART	344323.00	4130147.00	279.49	279.49
DISCCART	344323.00	4131147.00	272.07	272.07
DISCCART	344323.00	4132147.00	276.80	276.80
DISCCART	344323.00	4133147.00	274.38	274.38
DISCCART	344323.00	4134147.00	274.88	274.88
DISCCART	344323.00	4135147.00	281.09	281.09
DISCCART	344323.00	4136147.00	286.58	286.58
DISCCART	344323.00	4137147.00	285.37	285.37
DISCCART	344323.00	4138147.00	280.05	280.05
DISCCART	344323.00	4139147.00	278.01	278.01
DISCCART	344323.00	4140147.00	274.47	274.47
DISCCART	344323.00	4141147.00	271.92	271.92
DISCCART	344323.00	4142147.00	273.07	273.07
DISCCART	344323.00	4143147.00	275.65	275.65
DISCCART	344323.00	4144147.00	281.22	281.22
DISCCART	344323.00	4145147.00	278.15	278.15
DISCCART	344323.00	4146147.00	282.39	282.39
DISCCART	344323.00	4147147.00	286.59	286.59
DISCCART	344323.00	4148147.00	290.95	290.95
DISCCART	344323.00	4149147.00	290.12	290.12



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	344323.00	4150147.00	297.39	297.39
DISCCART	344323.00	4151147.00	296.77	296.77
DISCCART	344323.00	4152147.00	302.03	302.03
DISCCART	344323.00	4153147.00	301.97	301.97
DISCCART	344323.00	4154147.00	301.62	301.62
DISCCART	344323.00	4155147.00	305.77	305.77
DISCCART	344323.00	4156147.00	303.49	303.49
DISCCART	344323.00	4157147.00	302.91	302.91
DISCCART	344323.00	4158147.00	308.75	308.75
DISCCART	344323.00	4159147.00	310.13	310.13
DISCCART	344323.00	4160147.00	309.69	309.69
DISCCART	344323.00	4161147.00	316.67	316.67
DISCCART	344323.00	4162147.00	294.35	294.35
DISCCART	344323.00	4163147.00	290.54	290.54
DISCCART	344323.00	4164147.00	278.43	278.43
DISCCART	344323.00	4165147.00	278.63	278.63
DISCCART	344323.00	4166147.00	287.02	287.02
DISCCART	344323.00	4167147.00	307.68	307.68
DISCCART	344323.00	4168147.00	285.02	290.17
DISCCART	344323.00	4169147.00	261.49	261.49
DISCCART	344323.00	4170147.00	280.60	280.60
DISCCART	344323.00	4171147.00	300.59	300.59
DISCCART	344323.00	4172147.00	287.10	292.70
DISCCART	344323.00	4173147.00	273.18	273.18
DISCCART	344323.00	4174147.00	286.96	286.96
DISCCART	344323.00	4175147.00	290.04	290.04
DISCCART	344323.00	4176147.00	288.08	288.08
DISCCART	344323.00	4177147.00	303.23	303.23
DISCCART	344323.00	4178147.00	298.36	298.36
DISCCART	344323.00	4179147.00	287.46	287.46
DISCCART	344323.00	4180147.00	286.33	286.33
DISCCART	344323.00	4181147.00	288.25	288.25
DISCCART	344323.00	4182147.00	280.90	280.90
DISCCART	344323.00	4183147.00	281.33	281.33
DISCCART	344323.00	4184147.00	279.77	279.77
DISCCART	344323.00	4185147.00	276.13	276.13
DISCCART	344323.00	4186147.00	246.38	246.38
DISCCART	343323.00	4126147.00	276.95	276.95
DISCCART	343323.00	4127147.00	278.10	278.10
DISCCART	343323.00	4128147.00	281.48	281.48
DISCCART	343323.00	4129147.00	281.24	281.24
DISCCART	343323.00	4130147.00	284.19	284.19
DISCCART	343323.00	4131147.00	274.64	274.64
DISCCART	343323.00	4132147.00	277.44	277.44
DISCCART	343323.00	4133147.00	281.14	281.14
DISCCART	343323.00	4134147.00	273.03	273.03
DISCCART	343323.00	4135147.00	279.90	279.90
DISCCART	343323.00	4136147.00	283.64	283.64
DISCCART	343323.00	4137147.00	283.34	283.34
DISCCART	343323.00	4138147.00	286.27	286.27
DISCCART	343323.00	4139147.00	283.55	283.55
DISCCART	343323.00	4140147.00	280.88	280.88
DISCCART	343323.00	4141147.00	276.28	276.28
DISCCART	343323.00	4142147.00	277.54	277.54
DISCCART	343323.00	4143147.00	275.95	275.95
DISCCART	343323.00	4144147.00	275.09	275.09
DISCCART	343323.00	4145147.00	278.16	278.16
DISCCART	343323.00	4146147.00	282.27	282.27
DISCCART	343323.00	4147147.00	283.74	283.74
DISCCART	343323.00	4148147.00	286.68	286.68
DISCCART	343323.00	4149147.00	289.82	289.82
DISCCART	343323.00	4150147.00	292.69	292.69
DISCCART	343323.00	4151147.00	293.65	293.65
DISCCART	343323.00	4152147.00	292.69	292.69
DISCCART	343323.00	4153147.00	296.02	296.02
DISCCART	343323.00	4154147.00	296.04	296.04
DISCCART	343323.00	4155147.00	302.44	302.44
DISCCART	343323.00	4156147.00	298.85	298.85
DISCCART	343323.00	4157147.00	300.19	300.19
DISCCART	343323.00	4158147.00	310.14	310.14

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	343323.00	4159147.00	302.03	302.03
DISCCART	343323.00	4160147.00	308.29	308.29
DISCCART	343323.00	4161147.00	313.49	313.49
DISCCART	343323.00	4162147.00	296.54	296.54
DISCCART	343323.00	4163147.00	293.00	293.00
DISCCART	343323.00	4164147.00	280.98	280.98
DISCCART	343323.00	4165147.00	287.25	287.25
DISCCART	343323.00	4166147.00	287.83	287.83
DISCCART	343323.00	4167147.00	289.82	299.09
DISCCART	343323.00	4168147.00	277.32	277.32
DISCCART	343323.00	4169147.00	272.32	272.32
DISCCART	343323.00	4170147.00	271.54	271.54
DISCCART	343323.00	4171147.00	292.39	292.39
DISCCART	343323.00	4172147.00	300.80	300.80
DISCCART	343323.00	4173147.00	281.18	281.18
DISCCART	343323.00	4174147.00	287.49	287.49
DISCCART	343323.00	4175147.00	295.79	295.79
DISCCART	343323.00	4176147.00	292.83	292.83
DISCCART	343323.00	4177147.00	296.39	296.39
DISCCART	343323.00	4178147.00	283.57	283.57
DISCCART	343323.00	4179147.00	300.66	300.66
DISCCART	343323.00	4180147.00	293.45	293.45
DISCCART	343323.00	4181147.00	284.55	284.55
DISCCART	343323.00	4182147.00	285.96	285.96
DISCCART	343323.00	4183147.00	280.85	280.85
DISCCART	343323.00	4184147.00	273.18	273.18
DISCCART	343323.00	4185147.00	256.59	268.37
DISCCART	343323.00	4186147.00	237.02	244.35
DISCCART	342323.00	4126147.00	283.31	283.31
DISCCART	342323.00	4127147.00	277.99	277.99
DISCCART	342323.00	4128147.00	283.64	283.64
DISCCART	342323.00	4129147.00	286.91	286.91
DISCCART	342323.00	4130147.00	280.76	280.76
DISCCART	342323.00	4131147.00	279.50	279.50
DISCCART	342323.00	4132147.00	281.64	281.64
DISCCART	342323.00	4133147.00	287.09	287.09
DISCCART	342323.00	4134147.00	275.45	275.45
DISCCART	342323.00	4135147.00	277.22	277.22
DISCCART	342323.00	4136147.00	279.35	279.35
DISCCART	342323.00	4137147.00	283.91	283.91
DISCCART	342323.00	4138147.00	283.75	283.75
DISCCART	342323.00	4139147.00	289.82	289.82
DISCCART	342323.00	4140147.00	284.39	284.39
DISCCART	342323.00	4141147.00	277.61	277.61
DISCCART	342323.00	4142147.00	280.62	280.62
DISCCART	342323.00	4143147.00	287.94	287.94
DISCCART	342323.00	4144147.00	281.89	281.89
DISCCART	342323.00	4145147.00	276.94	276.94
DISCCART	342323.00	4146147.00	274.90	274.90
DISCCART	342323.00	4147147.00	281.86	281.86
DISCCART	342323.00	4148147.00	288.37	288.37
DISCCART	342323.00	4149147.00	286.33	286.33
DISCCART	342323.00	4150147.00	287.01	287.01
DISCCART	342323.00	4151147.00	292.51	292.51
DISCCART	342323.00	4152147.00	286.61	286.61
DISCCART	342323.00	4153147.00	292.35	292.35
DISCCART	342323.00	4154147.00	295.36	295.36
DISCCART	342323.00	4155147.00	296.75	296.75
DISCCART	342323.00	4156147.00	296.18	296.18
DISCCART	342323.00	4157147.00	298.43	298.43
DISCCART	342323.00	4158147.00	298.43	298.43
DISCCART	342323.00	4159147.00	304.93	304.93
DISCCART	342323.00	4160147.00	312.22	312.22
DISCCART	342323.00	4161147.00	314.78	314.78
DISCCART	342323.00	4162147.00	313.21	313.21
DISCCART	342323.00	4163147.00	296.52	296.52
DISCCART	342323.00	4164147.00	290.12	290.12
DISCCART	342323.00	4165147.00	308.04	308.04
DISCCART	342323.00	4166147.00	298.12	298.12
DISCCART	342323.00	4167147.00	291.02	296.21

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	342323.00	4168147.00	274.83	274.83
DISCCART	342323.00	4169147.00	290.05	290.05
DISCCART	342323.00	4170147.00	296.25	296.25
DISCCART	342323.00	4171147.00	291.19	291.19
DISCCART	342323.00	4172147.00	296.22	296.22
DISCCART	342323.00	4173147.00	281.94	293.35
DISCCART	342323.00	4174147.00	301.70	301.70
DISCCART	342323.00	4175147.00	297.91	297.91
DISCCART	342323.00	4176147.00	289.32	289.32
DISCCART	342323.00	4177147.00	280.05	280.05
DISCCART	342323.00	4178147.00	278.14	278.14
DISCCART	342323.00	4179147.00	290.21	290.21
DISCCART	342323.00	4180147.00	298.35	298.35
DISCCART	342323.00	4181147.00	282.75	282.75
DISCCART	342323.00	4182147.00	275.06	275.06
DISCCART	342323.00	4183147.00	269.64	271.81
DISCCART	342323.00	4184147.00	275.26	275.26
DISCCART	342323.00	4185147.00	259.94	259.94
DISCCART	342323.00	4186147.00	254.26	254.26
DISCCART	341323.00	4126147.00	283.14	283.14
DISCCART	341323.00	4127147.00	281.62	281.62
DISCCART	341323.00	4128147.00	282.40	282.40
DISCCART	341323.00	4129147.00	285.92	285.92
DISCCART	341323.00	4130147.00	287.26	287.26
DISCCART	341323.00	4131147.00	280.60	280.60
DISCCART	341323.00	4132147.00	286.14	286.14
DISCCART	341323.00	4133147.00	283.78	283.78
DISCCART	341323.00	4134147.00	283.46	283.46
DISCCART	341323.00	4135147.00	283.19	283.19
DISCCART	341323.00	4136147.00	283.99	283.99
DISCCART	341323.00	4137147.00	281.69	281.69
DISCCART	341323.00	4138147.00	283.11	283.11
DISCCART	341323.00	4139147.00	286.92	286.92
DISCCART	341323.00	4140147.00	289.19	289.19
DISCCART	341323.00	4141147.00	296.73	296.73
DISCCART	341323.00	4142147.00	296.19	296.19
DISCCART	341323.00	4143147.00	283.74	283.74
DISCCART	341323.00	4144147.00	296.45	296.45
DISCCART	341323.00	4145147.00	284.90	284.90
DISCCART	341323.00	4146147.00	284.10	284.10
DISCCART	341323.00	4147147.00	277.02	277.02
DISCCART	341323.00	4148147.00	281.56	281.56
DISCCART	341323.00	4149147.00	286.10	286.10
DISCCART	341323.00	4150147.00	290.62	290.62
DISCCART	341323.00	4151147.00	291.79	291.79
DISCCART	341323.00	4152147.00	287.33	287.33
DISCCART	341323.00	4153147.00	292.62	292.62
DISCCART	341323.00	4154147.00	294.16	294.16
DISCCART	341323.00	4155147.00	294.97	294.97
DISCCART	341323.00	4156147.00	297.91	297.91
DISCCART	341323.00	4157147.00	298.16	298.16
DISCCART	341323.00	4158147.00	299.74	299.74
DISCCART	341323.00	4159147.00	304.33	304.33
DISCCART	341323.00	4160147.00	312.27	312.27
DISCCART	341323.00	4161147.00	313.46	313.46
DISCCART	341323.00	4162147.00	313.77	313.77
DISCCART	341323.00	4163147.00	309.04	309.04
DISCCART	341323.00	4164147.00	301.86	301.86
DISCCART	341323.00	4165147.00	309.14	309.14
DISCCART	341323.00	4166147.00	304.88	304.88
DISCCART	341323.00	4167147.00	297.32	297.32
DISCCART	341323.00	4168147.00	291.19	291.19
DISCCART	341323.00	4169147.00	279.79	279.79
DISCCART	341323.00	4170147.00	293.46	293.46
DISCCART	341323.00	4171147.00	292.54	292.54
DISCCART	341323.00	4172147.00	299.91	299.91
DISCCART	341323.00	4173147.00	292.73	292.73
DISCCART	341323.00	4174147.00	299.79	299.79
DISCCART	341323.00	4175147.00	298.93	298.93
DISCCART	341323.00	4176147.00	288.63	288.63

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	341323.00	4177147.00	282.55	282.55
DISCCART	341323.00	4178147.00	270.69	270.69
DISCCART	341323.00	4179147.00	276.25	276.25
DISCCART	341323.00	4180147.00	273.31	273.31
DISCCART	341323.00	4181147.00	291.24	291.24
DISCCART	341323.00	4182147.00	293.35	293.35
DISCCART	341323.00	4183147.00	275.96	275.96
DISCCART	341323.00	4184147.00	271.28	271.28
DISCCART	341323.00	4185147.00	270.27	270.27
DISCCART	341323.00	4186147.00	247.81	247.81
DISCCART	340323.00	4126147.00	287.29	287.29
DISCCART	340323.00	4127147.00	281.26	281.26
DISCCART	340323.00	4128147.00	278.32	278.32
DISCCART	340323.00	4129147.00	280.52	280.52
DISCCART	340323.00	4130147.00	281.30	281.30
DISCCART	340323.00	4131147.00	286.74	286.74
DISCCART	340323.00	4132147.00	289.00	289.00
DISCCART	340323.00	4133147.00	286.28	286.28
DISCCART	340323.00	4134147.00	292.65	292.65
DISCCART	340323.00	4135147.00	284.58	284.58
DISCCART	340323.00	4136147.00	281.41	281.41
DISCCART	340323.00	4137147.00	288.85	288.85
DISCCART	340323.00	4138147.00	286.26	286.26
DISCCART	340323.00	4139147.00	286.86	286.86
DISCCART	340323.00	4140147.00	289.14	289.14
DISCCART	340323.00	4141147.00	295.48	295.48
DISCCART	340323.00	4142147.00	303.99	303.99
DISCCART	340323.00	4143147.00	302.14	302.14
DISCCART	340323.00	4144147.00	292.13	292.13
DISCCART	340323.00	4145147.00	293.48	293.48
DISCCART	340323.00	4146147.00	294.87	294.87
DISCCART	340323.00	4147147.00	282.60	282.60
DISCCART	340323.00	4148147.00	290.09	290.09
DISCCART	340323.00	4149147.00	294.30	294.30
DISCCART	340323.00	4150147.00	280.88	280.88
DISCCART	340323.00	4151147.00	281.74	281.74
DISCCART	340323.00	4152147.00	284.87	284.87
DISCCART	340323.00	4153147.00	286.59	286.59
DISCCART	340323.00	4154147.00	290.72	290.72
DISCCART	340323.00	4155147.00	293.16	293.16
DISCCART	340323.00	4156147.00	297.39	297.39
DISCCART	340323.00	4157147.00	301.92	301.92
DISCCART	340323.00	4158147.00	304.78	304.78
DISCCART	340323.00	4159147.00	307.42	307.42
DISCCART	340323.00	4160147.00	307.67	307.67
DISCCART	340323.00	4161147.00	306.28	306.28
DISCCART	340323.00	4162147.00	310.77	310.77
DISCCART	340323.00	4163147.00	318.68	318.68
DISCCART	340323.00	4164147.00	309.85	309.85
DISCCART	340323.00	4165147.00	305.93	305.93
DISCCART	340323.00	4166147.00	299.63	299.63
DISCCART	340323.00	4167147.00	295.41	295.41
DISCCART	340323.00	4168147.00	273.36	289.69
DISCCART	340323.00	4169147.00	292.16	292.16
DISCCART	340323.00	4170147.00	288.61	288.61
DISCCART	340323.00	4171147.00	312.24	312.24
DISCCART	340323.00	4172147.00	301.48	301.48
DISCCART	340323.00	4173147.00	310.77	310.77
DISCCART	340323.00	4174147.00	299.26	299.26
DISCCART	340323.00	4175147.00	294.42	294.42
DISCCART	340323.00	4176147.00	287.66	287.66
DISCCART	340323.00	4177147.00	286.21	286.21
DISCCART	340323.00	4178147.00	278.80	278.80
DISCCART	340323.00	4179147.00	271.52	271.52
DISCCART	340323.00	4180147.00	266.75	266.75
DISCCART	340323.00	4181147.00	271.58	271.58
DISCCART	340323.00	4182147.00	276.85	276.85
DISCCART	340323.00	4183147.00	269.56	269.56
DISCCART	340323.00	4184147.00	269.15	269.15
DISCCART	340323.00	4185147.00	251.75	259.85

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	340323.00	4186147.00	266.26	266.26
DISCCART	339323.00	4126147.00	281.27	281.27
DISCCART	339323.00	4127147.00	282.06	282.06
DISCCART	339323.00	4128147.00	275.16	275.16
DISCCART	339323.00	4129147.00	277.41	277.41
DISCCART	339323.00	4130147.00	280.06	280.06
DISCCART	339323.00	4131147.00	290.80	290.80
DISCCART	339323.00	4132147.00	289.94	289.94
DISCCART	339323.00	4133147.00	284.33	284.33
DISCCART	339323.00	4134147.00	285.83	285.83
DISCCART	339323.00	4135147.00	286.08	286.08
DISCCART	339323.00	4136147.00	290.02	290.02
DISCCART	339323.00	4137147.00	289.45	289.45
DISCCART	339323.00	4138147.00	297.15	297.15
DISCCART	339323.00	4139147.00	295.32	295.32
DISCCART	339323.00	4140147.00	297.35	297.35
DISCCART	339323.00	4141147.00	299.23	299.23
DISCCART	339323.00	4142147.00	299.04	299.04
DISCCART	339323.00	4143147.00	295.60	295.60
DISCCART	339323.00	4144147.00	300.01	300.01
DISCCART	339323.00	4145147.00	298.78	298.78
DISCCART	339323.00	4146147.00	290.52	290.52
DISCCART	339323.00	4147147.00	289.79	289.79
DISCCART	339323.00	4148147.00	296.07	296.07
DISCCART	339323.00	4149147.00	296.27	296.27
DISCCART	339323.00	4150147.00	292.02	292.02
DISCCART	339323.00	4151147.00	291.48	291.48
DISCCART	339323.00	4152147.00	292.09	292.09
DISCCART	339323.00	4153147.00	288.08	288.08
DISCCART	339323.00	4154147.00	292.91	292.91
DISCCART	339323.00	4155147.00	289.92	289.92
DISCCART	339323.00	4156147.00	292.12	292.12
DISCCART	339323.00	4157147.00	296.95	296.95
DISCCART	339323.00	4158147.00	298.78	298.78
DISCCART	339323.00	4159147.00	305.21	305.21
DISCCART	339323.00	4160147.00	307.92	307.92
DISCCART	339323.00	4161147.00	301.71	301.71
DISCCART	339323.00	4162147.00	309.28	309.28
DISCCART	339323.00	4163147.00	309.85	309.85
DISCCART	339323.00	4164147.00	304.60	304.60
DISCCART	339323.00	4165147.00	301.84	301.84
DISCCART	339323.00	4166147.00	296.94	296.94
DISCCART	339323.00	4167147.00	299.13	299.13
DISCCART	339323.00	4168147.00	291.36	291.36
DISCCART	339323.00	4169147.00	288.98	288.98
DISCCART	339323.00	4170147.00	298.64	298.64
DISCCART	339323.00	4171147.00	297.63	297.63
DISCCART	339323.00	4172147.00	290.04	290.04
DISCCART	339323.00	4173147.00	288.82	288.82
DISCCART	339323.00	4174147.00	290.30	290.30
DISCCART	339323.00	4175147.00	284.00	284.00
DISCCART	339323.00	4176147.00	284.85	284.85
DISCCART	339323.00	4177147.00	268.40	268.40
DISCCART	339323.00	4178147.00	262.40	262.40
DISCCART	339323.00	4179147.00	264.70	264.70
DISCCART	339323.00	4180147.00	254.48	256.09
DISCCART	339323.00	4181147.00	260.32	260.32
DISCCART	339323.00	4182147.00	262.85	262.85
DISCCART	339323.00	4183147.00	263.92	263.92
DISCCART	339323.00	4184147.00	243.77	268.91
DISCCART	339323.00	4185147.00	246.88	246.88
DISCCART	339323.00	4186147.00	266.31	266.31
DISCCART	338323.00	4126147.00	276.49	276.49
DISCCART	338323.00	4127147.00	274.94	274.94
DISCCART	338323.00	4128147.00	277.66	277.66
DISCCART	338323.00	4129147.00	280.22	280.22
DISCCART	338323.00	4130147.00	282.86	282.86
DISCCART	338323.00	4131147.00	283.35	283.35
DISCCART	338323.00	4132147.00	285.82	285.82
DISCCART	338323.00	4133147.00	282.43	282.43

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	338323.00	4134147.00	280.69	280.69
DISCCART	338323.00	4135147.00	279.99	279.99
DISCCART	338323.00	4136147.00	284.42	284.42
DISCCART	338323.00	4137147.00	295.15	295.15
DISCCART	338323.00	4138147.00	296.02	296.02
DISCCART	338323.00	4139147.00	293.91	293.91
DISCCART	338323.00	4140147.00	298.16	298.16
DISCCART	338323.00	4141147.00	292.79	292.79
DISCCART	338323.00	4142147.00	293.80	293.80
DISCCART	338323.00	4143147.00	292.61	292.61
DISCCART	338323.00	4144147.00	293.95	293.95
DISCCART	338323.00	4145147.00	297.71	297.71
DISCCART	338323.00	4146147.00	292.78	292.78
DISCCART	338323.00	4147147.00	292.36	292.36
DISCCART	338323.00	4148147.00	296.16	296.16
DISCCART	338323.00	4149147.00	293.73	293.73
DISCCART	338323.00	4150147.00	292.74	292.74
DISCCART	338323.00	4151147.00	296.67	296.67
DISCCART	338323.00	4152147.00	299.95	299.95
DISCCART	338323.00	4153147.00	296.97	296.97
DISCCART	338323.00	4154147.00	298.99	298.99
DISCCART	338323.00	4155147.00	295.85	295.85
DISCCART	338323.00	4156147.00	296.14	296.14
DISCCART	338323.00	4157147.00	295.76	295.76
DISCCART	338323.00	4158147.00	295.69	295.69
DISCCART	338323.00	4159147.00	295.64	295.64
DISCCART	338323.00	4160147.00	299.44	299.44
DISCCART	338323.00	4161147.00	302.68	302.68
DISCCART	338323.00	4162147.00	305.13	305.13
DISCCART	338323.00	4163147.00	308.05	308.05
DISCCART	338323.00	4164147.00	304.31	304.31
DISCCART	338323.00	4165147.00	301.84	301.84
DISCCART	338323.00	4166147.00	317.66	317.66
DISCCART	338323.00	4167147.00	295.77	295.77
DISCCART	338323.00	4168147.00	298.56	298.56
DISCCART	338323.00	4169147.00	294.55	294.55
DISCCART	338323.00	4170147.00	299.38	299.38
DISCCART	338323.00	4171147.00	287.50	287.50
DISCCART	338323.00	4172147.00	283.90	283.90
DISCCART	338323.00	4173147.00	282.13	282.13
DISCCART	338323.00	4174147.00	270.06	270.06
DISCCART	338323.00	4175147.00	268.72	268.72
DISCCART	338323.00	4176147.00	265.29	265.29
DISCCART	338323.00	4177147.00	274.47	274.47
DISCCART	338323.00	4178147.00	275.66	275.66
DISCCART	338323.00	4179147.00	275.74	275.74
DISCCART	338323.00	4180147.00	272.21	272.21
DISCCART	338323.00	4181147.00	267.92	267.92
DISCCART	338323.00	4182147.00	257.59	257.59
DISCCART	338323.00	4183147.00	255.61	255.61
DISCCART	338323.00	4184147.00	254.83	254.83
DISCCART	338323.00	4185147.00	262.42	262.42
DISCCART	338323.00	4186147.00	252.66	253.38
DISCCART	337323.00	4126147.00	272.37	272.37
DISCCART	337323.00	4127147.00	272.10	272.10
DISCCART	337323.00	4128147.00	274.98	274.98
DISCCART	337323.00	4129147.00	284.18	284.18
DISCCART	337323.00	4130147.00	284.05	284.05
DISCCART	337323.00	4131147.00	277.06	277.06
DISCCART	337323.00	4132147.00	283.21	283.21
DISCCART	337323.00	4133147.00	279.83	279.83
DISCCART	337323.00	4134147.00	278.31	278.31
DISCCART	337323.00	4135147.00	280.60	280.60
DISCCART	337323.00	4136147.00	283.71	283.71
DISCCART	337323.00	4137147.00	290.31	290.31
DISCCART	337323.00	4138147.00	290.64	290.64
DISCCART	337323.00	4139147.00	285.89	285.89
DISCCART	337323.00	4140147.00	293.55	293.55
DISCCART	337323.00	4141147.00	288.90	288.90
DISCCART	337323.00	4142147.00	292.97	292.97

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	337323.00	4143147.00	285.78	285.78
DISCCART	337323.00	4144147.00	295.67	295.67
DISCCART	337323.00	4145147.00	292.05	292.05
DISCCART	337323.00	4146147.00	295.90	295.90
DISCCART	337323.00	4147147.00	293.17	293.17
DISCCART	337323.00	4148147.00	292.60	292.60
DISCCART	337323.00	4149147.00	291.52	291.52
DISCCART	337323.00	4150147.00	288.54	288.54
DISCCART	337323.00	4151147.00	294.84	294.84
DISCCART	337323.00	4152147.00	300.64	300.64
DISCCART	337323.00	4153147.00	301.82	301.82
DISCCART	337323.00	4154147.00	298.80	298.80
DISCCART	337323.00	4155147.00	306.49	306.49
DISCCART	337323.00	4156147.00	308.83	308.83
DISCCART	337323.00	4157147.00	305.54	305.54
DISCCART	337323.00	4158147.00	307.03	307.03
DISCCART	337323.00	4159147.00	306.67	306.67
DISCCART	337323.00	4160147.00	306.91	306.91
DISCCART	337323.00	4161147.00	303.05	303.05
DISCCART	337323.00	4162147.00	305.96	305.96
DISCCART	337323.00	4163147.00	306.57	306.57
DISCCART	337323.00	4164147.00	305.92	305.92
DISCCART	337323.00	4165147.00	309.68	309.68
DISCCART	337323.00	4166147.00	320.03	320.03
DISCCART	337323.00	4167147.00	319.84	319.84
DISCCART	337323.00	4168147.00	308.89	308.89
DISCCART	337323.00	4169147.00	296.47	296.47
DISCCART	337323.00	4170147.00	286.19	286.19
DISCCART	337323.00	4171147.00	285.70	285.70
DISCCART	337323.00	4172147.00	279.68	279.68
DISCCART	337323.00	4173147.00	282.90	282.90
DISCCART	337323.00	4174147.00	292.47	292.47
DISCCART	337323.00	4175147.00	283.06	283.06
DISCCART	337323.00	4176147.00	281.24	281.24
DISCCART	337323.00	4177147.00	279.35	279.35
DISCCART	337323.00	4178147.00	299.16	299.16
DISCCART	337323.00	4179147.00	291.23	291.23
DISCCART	337323.00	4180147.00	286.28	286.28
DISCCART	337323.00	4181147.00	279.51	279.51
DISCCART	337323.00	4182147.00	270.03	270.03
DISCCART	337323.00	4183147.00	267.31	267.31
DISCCART	337323.00	4184147.00	252.91	258.58
DISCCART	337323.00	4185147.00	265.52	265.52
DISCCART	337323.00	4186147.00	271.40	271.40
DISCCART	336323.00	4126147.00	273.27	273.27
DISCCART	336323.00	4127147.00	278.11	278.11
DISCCART	336323.00	4128147.00	283.08	283.08
DISCCART	336323.00	4129147.00	284.03	284.03
DISCCART	336323.00	4130147.00	278.45	278.45
DISCCART	336323.00	4131147.00	276.08	276.08
DISCCART	336323.00	4132147.00	278.99	278.99
DISCCART	336323.00	4133147.00	283.26	283.26
DISCCART	336323.00	4134147.00	274.99	274.99
DISCCART	336323.00	4135147.00	277.93	277.93
DISCCART	336323.00	4136147.00	281.47	281.47
DISCCART	336323.00	4137147.00	289.27	289.27
DISCCART	336323.00	4138147.00	280.09	280.09
DISCCART	336323.00	4139147.00	289.57	289.57
DISCCART	336323.00	4140147.00	290.36	290.36
DISCCART	336323.00	4141147.00	286.75	286.75
DISCCART	336323.00	4142147.00	284.65	284.65
DISCCART	336323.00	4143147.00	289.99	289.99
DISCCART	336323.00	4144147.00	288.30	288.30
DISCCART	336323.00	4145147.00	286.76	286.76
DISCCART	336323.00	4146147.00	290.99	290.99
DISCCART	336323.00	4147147.00	291.89	291.89
DISCCART	336323.00	4148147.00	287.17	287.17
DISCCART	336323.00	4149147.00	286.33	286.33
DISCCART	336323.00	4150147.00	290.61	290.61
DISCCART	336323.00	4151147.00	292.47	292.47

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	336323.00	4152147.00	295.00	295.00
DISCCART	336323.00	4153147.00	298.95	298.95
DISCCART	336323.00	4154147.00	303.53	303.53
DISCCART	336323.00	4155147.00	300.76	300.76
DISCCART	336323.00	4156147.00	305.20	305.20
DISCCART	336323.00	4157147.00	299.30	299.30
DISCCART	336323.00	4158147.00	300.63	300.63
DISCCART	336323.00	4159147.00	305.20	305.20
DISCCART	336323.00	4160147.00	306.34	306.34
DISCCART	336323.00	4161147.00	302.55	302.55
DISCCART	336323.00	4162147.00	317.09	317.09
DISCCART	336323.00	4163147.00	321.44	321.44
DISCCART	336323.00	4164147.00	314.05	314.05
DISCCART	336323.00	4165147.00	320.72	320.72
DISCCART	336323.00	4166147.00	316.54	316.54
DISCCART	336323.00	4167147.00	310.97	310.97
DISCCART	336323.00	4168147.00	311.84	311.84
DISCCART	336323.00	4169147.00	308.23	308.23
DISCCART	336323.00	4170147.00	304.72	304.72
DISCCART	336323.00	4171147.00	293.14	293.14
DISCCART	336323.00	4172147.00	296.43	296.43
DISCCART	336323.00	4173147.00	299.42	299.42
DISCCART	336323.00	4174147.00	285.68	285.68
DISCCART	336323.00	4175147.00	270.04	270.04
DISCCART	336323.00	4176147.00	288.77	288.77
DISCCART	336323.00	4177147.00	283.30	283.30
DISCCART	336323.00	4178147.00	295.10	295.10
DISCCART	336323.00	4179147.00	279.38	279.38
DISCCART	336323.00	4180147.00	277.74	277.74
DISCCART	336323.00	4181147.00	280.47	280.47
DISCCART	336323.00	4182147.00	275.99	275.99
DISCCART	336323.00	4183147.00	274.65	274.65
DISCCART	336323.00	4184147.00	255.95	269.07
DISCCART	336323.00	4185147.00	269.67	269.67
DISCCART	336323.00	4186147.00	277.80	277.80
DISCCART	335323.00	4126147.00	275.99	275.99
DISCCART	335323.00	4127147.00	279.74	279.74
DISCCART	335323.00	4128147.00	278.73	278.73
DISCCART	335323.00	4129147.00	274.51	274.51
DISCCART	335323.00	4130147.00	275.56	275.56
DISCCART	335323.00	4131147.00	275.16	275.16
DISCCART	335323.00	4132147.00	282.63	282.63
DISCCART	335323.00	4133147.00	277.41	277.41
DISCCART	335323.00	4134147.00	271.57	271.57
DISCCART	335323.00	4135147.00	279.23	279.23
DISCCART	335323.00	4136147.00	290.86	290.86
DISCCART	335323.00	4137147.00	277.66	277.66
DISCCART	335323.00	4138147.00	280.92	280.92
DISCCART	335323.00	4139147.00	292.86	292.86
DISCCART	335323.00	4140147.00	288.58	288.58
DISCCART	335323.00	4141147.00	283.11	283.11
DISCCART	335323.00	4142147.00	283.62	283.62
DISCCART	335323.00	4143147.00	289.93	289.93
DISCCART	335323.00	4144147.00	283.59	283.59
DISCCART	335323.00	4145147.00	286.40	286.40
DISCCART	335323.00	4146147.00	285.58	285.58
DISCCART	335323.00	4147147.00	286.52	286.52
DISCCART	335323.00	4148147.00	282.73	282.73
DISCCART	335323.00	4149147.00	287.28	287.28
DISCCART	335323.00	4150147.00	284.22	284.22
DISCCART	335323.00	4151147.00	289.91	289.91
DISCCART	335323.00	4152147.00	295.79	295.79
DISCCART	335323.00	4153147.00	301.95	301.95
DISCCART	335323.00	4154147.00	299.34	299.34
DISCCART	335323.00	4155147.00	298.58	298.58
DISCCART	335323.00	4156147.00	300.93	300.93
DISCCART	335323.00	4157147.00	294.78	294.78
DISCCART	335323.00	4158147.00	295.73	295.73
DISCCART	335323.00	4159147.00	299.01	299.01
DISCCART	335323.00	4160147.00	301.06	301.06



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	335323.00	4161147.00	302.05	302.05
DISCCART	335323.00	4162147.00	306.42	306.42
DISCCART	335323.00	4163147.00	314.57	314.57
DISCCART	335323.00	4164147.00	308.32	308.32
DISCCART	335323.00	4165147.00	314.79	314.79
DISCCART	335323.00	4166147.00	312.29	312.29
DISCCART	335323.00	4167147.00	312.33	312.33
DISCCART	335323.00	4168147.00	309.57	309.57
DISCCART	335323.00	4169147.00	305.66	305.66
DISCCART	335323.00	4170147.00	303.47	303.47
DISCCART	335323.00	4171147.00	298.74	298.74
DISCCART	335323.00	4172147.00	295.84	295.84
DISCCART	335323.00	4173147.00	275.80	275.80
DISCCART	335323.00	4174147.00	274.67	274.67
DISCCART	335323.00	4175147.00	283.64	283.64
DISCCART	335323.00	4176147.00	299.08	299.08
DISCCART	335323.00	4177147.00	296.94	296.94
DISCCART	335323.00	4178147.00	298.67	298.67
DISCCART	335323.00	4179147.00	295.00	295.00
DISCCART	335323.00	4180147.00	289.81	289.81
DISCCART	335323.00	4181147.00	284.03	284.03
DISCCART	335323.00	4182147.00	271.48	271.48
DISCCART	335323.00	4183147.00	271.22	271.22
DISCCART	335323.00	4184147.00	253.32	253.32
DISCCART	335323.00	4185147.00	274.56	274.56
DISCCART	335323.00	4186147.00	271.32	271.32
DISCCART	334323.00	4126147.00	280.50	280.50
DISCCART	334323.00	4127147.00	281.59	281.59
DISCCART	334323.00	4128147.00	274.94	274.94
DISCCART	334323.00	4129147.00	272.43	272.43
DISCCART	334323.00	4130147.00	270.11	270.11
DISCCART	334323.00	4131147.00	276.79	276.79
DISCCART	334323.00	4132147.00	280.84	280.84
DISCCART	334323.00	4133147.00	278.74	278.74
DISCCART	334323.00	4134147.00	274.55	274.55
DISCCART	334323.00	4135147.00	278.42	278.42
DISCCART	334323.00	4136147.00	284.45	284.45
DISCCART	334323.00	4137147.00	274.64	274.64
DISCCART	334323.00	4138147.00	280.90	280.90
DISCCART	334323.00	4139147.00	287.71	287.71
DISCCART	334323.00	4140147.00	288.20	288.20
DISCCART	334323.00	4141147.00	276.34	276.34
DISCCART	334323.00	4142147.00	282.07	282.07
DISCCART	334323.00	4143147.00	278.95	278.95
DISCCART	334323.00	4144147.00	287.16	287.16
DISCCART	334323.00	4145147.00	283.17	283.17
DISCCART	334323.00	4146147.00	282.13	282.13
DISCCART	334323.00	4147147.00	278.82	278.82
DISCCART	334323.00	4148147.00	282.44	282.44
DISCCART	334323.00	4149147.00	290.35	290.35
DISCCART	334323.00	4150147.00	292.70	292.70
DISCCART	334323.00	4151147.00	298.90	298.90
DISCCART	334323.00	4152147.00	296.80	296.80
DISCCART	334323.00	4153147.00	298.54	298.54
DISCCART	334323.00	4154147.00	290.08	292.69
DISCCART	334323.00	4155147.00	298.50	298.50
DISCCART	334323.00	4156147.00	295.33	295.33
DISCCART	334323.00	4157147.00	291.97	291.97
DISCCART	334323.00	4158147.00	295.81	295.81
DISCCART	334323.00	4159147.00	295.64	295.64
DISCCART	334323.00	4160147.00	296.36	296.36
DISCCART	334323.00	4161147.00	298.73	298.73
DISCCART	334323.00	4162147.00	305.07	305.07
DISCCART	334323.00	4163147.00	306.45	306.45
DISCCART	334323.00	4164147.00	301.84	301.84
DISCCART	334323.00	4165147.00	301.69	301.69
DISCCART	334323.00	4166147.00	308.63	308.63
DISCCART	334323.00	4167147.00	311.09	311.09
DISCCART	334323.00	4168147.00	302.82	302.82
DISCCART	334323.00	4169147.00	297.34	297.34

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	334323.00	4170147.00	302.99	302.99
DISCCART	334323.00	4171147.00	292.99	292.99
DISCCART	334323.00	4172147.00	294.15	294.15
DISCCART	334323.00	4173147.00	286.96	293.57
DISCCART	334323.00	4174147.00	281.72	281.72
DISCCART	334323.00	4175147.00	288.57	288.57
DISCCART	334323.00	4176147.00	300.90	300.90
DISCCART	334323.00	4177147.00	295.05	295.05
DISCCART	334323.00	4178147.00	293.25	293.25
DISCCART	334323.00	4179147.00	296.53	296.53
DISCCART	334323.00	4180147.00	296.29	296.29
DISCCART	334323.00	4181147.00	293.63	293.63
DISCCART	334323.00	4182147.00	288.12	288.12
DISCCART	334323.00	4183147.00	271.72	271.72
DISCCART	334323.00	4184147.00	258.21	258.21
DISCCART	334323.00	4185147.00	268.55	268.55
DISCCART	334323.00	4186147.00	276.61	276.61
DISCCART	333323.00	4126147.00	277.06	277.06
DISCCART	333323.00	4127147.00	273.89	273.89
DISCCART	333323.00	4128147.00	269.95	269.95
DISCCART	333323.00	4129147.00	275.20	275.20
DISCCART	333323.00	4130147.00	275.14	275.14
DISCCART	333323.00	4131147.00	279.06	279.06
DISCCART	333323.00	4132147.00	280.30	280.30
DISCCART	333323.00	4133147.00	275.59	275.59
DISCCART	333323.00	4134147.00	271.60	271.60
DISCCART	333323.00	4135147.00	275.45	275.45
DISCCART	333323.00	4136147.00	284.01	284.01
DISCCART	333323.00	4137147.00	279.76	279.76
DISCCART	333323.00	4138147.00	273.49	273.49
DISCCART	333323.00	4139147.00	281.15	281.15
DISCCART	333323.00	4140147.00	280.37	280.37
DISCCART	333323.00	4141147.00	272.61	272.61
DISCCART	333323.00	4142147.00	278.24	278.24
DISCCART	333323.00	4143147.00	285.73	285.73
DISCCART	333323.00	4144147.00	284.68	284.68
DISCCART	333323.00	4145147.00	277.67	277.67
DISCCART	333323.00	4146147.00	276.52	276.52
DISCCART	333323.00	4147147.00	282.33	282.33
DISCCART	333323.00	4148147.00	290.80	290.80
DISCCART	333323.00	4149147.00	296.26	296.26
DISCCART	333323.00	4150147.00	293.24	293.24
DISCCART	333323.00	4151147.00	289.81	289.81
DISCCART	333323.00	4152147.00	287.55	287.55
DISCCART	333323.00	4153147.00	287.12	287.12
DISCCART	333323.00	4154147.00	292.52	292.52
DISCCART	333323.00	4155147.00	297.11	297.11
DISCCART	333323.00	4156147.00	295.74	295.74
DISCCART	333323.00	4157147.00	290.68	290.68
DISCCART	333323.00	4158147.00	296.33	296.33
DISCCART	333323.00	4159147.00	292.80	292.80
DISCCART	333323.00	4160147.00	295.59	295.59
DISCCART	333323.00	4161147.00	299.28	299.28
DISCCART	333323.00	4162147.00	298.65	298.65
DISCCART	333323.00	4163147.00	296.87	296.87
DISCCART	333323.00	4164147.00	302.66	302.66
DISCCART	333323.00	4165147.00	308.94	308.94
DISCCART	333323.00	4166147.00	313.97	313.97
DISCCART	333323.00	4167147.00	310.54	310.54
DISCCART	333323.00	4168147.00	307.86	307.86
DISCCART	333323.00	4169147.00	304.01	304.01
DISCCART	333323.00	4170147.00	294.24	294.24
DISCCART	333323.00	4171147.00	288.43	288.43
DISCCART	333323.00	4172147.00	286.11	286.11
DISCCART	333323.00	4173147.00	291.70	291.70
DISCCART	333323.00	4174147.00	295.81	295.81
DISCCART	333323.00	4175147.00	299.20	299.20
DISCCART	333323.00	4176147.00	301.83	301.83
DISCCART	333323.00	4177147.00	287.69	287.69
DISCCART	333323.00	4178147.00	278.59	278.59

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	333323.00	4179147.00	290.74	290.74
DISCCART	333323.00	4180147.00	289.42	289.42
DISCCART	333323.00	4181147.00	288.37	289.50
DISCCART	333323.00	4182147.00	271.15	271.15
DISCCART	333323.00	4183147.00	265.97	265.97
DISCCART	333323.00	4184147.00	253.48	253.48
DISCCART	333323.00	4185147.00	268.74	268.74
DISCCART	333323.00	4186147.00	279.16	279.16
DISCCART	332323.00	4126147.00	272.03	272.03
DISCCART	332323.00	4127147.00	267.62	267.62
DISCCART	332323.00	4128147.00	268.98	274.20
DISCCART	332323.00	4129147.00	274.42	274.42
DISCCART	332323.00	4130147.00	274.69	274.69
DISCCART	332323.00	4131147.00	278.33	278.33
DISCCART	332323.00	4132147.00	277.89	277.89
DISCCART	332323.00	4133147.00	278.05	278.05
DISCCART	332323.00	4134147.00	278.58	278.58
DISCCART	332323.00	4135147.00	265.35	265.35
DISCCART	332323.00	4136147.00	273.20	273.20
DISCCART	332323.00	4137147.00	274.45	274.45
DISCCART	332323.00	4138147.00	266.16	266.16
DISCCART	332323.00	4139147.00	269.22	269.22
DISCCART	332323.00	4140147.00	270.24	270.24
DISCCART	332323.00	4141147.00	275.57	275.57
DISCCART	332323.00	4142147.00	284.78	284.78
DISCCART	332323.00	4143147.00	286.00	286.00
DISCCART	332323.00	4144147.00	279.15	279.15
DISCCART	332323.00	4145147.00	275.81	275.81
DISCCART	332323.00	4146147.00	278.46	278.46
DISCCART	332323.00	4147147.00	286.23	286.23
DISCCART	332323.00	4148147.00	285.67	285.67
DISCCART	332323.00	4149147.00	290.01	290.01
DISCCART	332323.00	4150147.00	283.27	283.27
DISCCART	332323.00	4151147.00	286.46	286.46
DISCCART	332323.00	4152147.00	284.71	284.71
DISCCART	332323.00	4153147.00	283.65	283.65
DISCCART	332323.00	4154147.00	282.33	282.33
DISCCART	332323.00	4155147.00	286.93	286.93
DISCCART	332323.00	4156147.00	283.03	283.03
DISCCART	332323.00	4157147.00	286.42	286.42
DISCCART	332323.00	4158147.00	289.58	289.58
DISCCART	332323.00	4159147.00	289.91	289.91
DISCCART	332323.00	4160147.00	288.54	288.54
DISCCART	332323.00	4161147.00	294.80	294.80
DISCCART	332323.00	4162147.00	295.86	295.86
DISCCART	332323.00	4163147.00	298.22	298.22
DISCCART	332323.00	4164147.00	304.20	304.20
DISCCART	332323.00	4165147.00	301.33	301.33
DISCCART	332323.00	4166147.00	305.03	305.03
DISCCART	332323.00	4167147.00	312.72	312.72
DISCCART	332323.00	4168147.00	304.47	304.47
DISCCART	332323.00	4169147.00	302.69	302.69
DISCCART	332323.00	4170147.00	291.41	291.41
DISCCART	332323.00	4171147.00	287.85	287.85
DISCCART	332323.00	4172147.00	293.05	293.05
DISCCART	332323.00	4173147.00	293.46	293.46
DISCCART	332323.00	4174147.00	291.93	291.93
DISCCART	332323.00	4175147.00	296.56	296.56
DISCCART	332323.00	4176147.00	289.90	289.90
DISCCART	332323.00	4177147.00	286.53	286.53
DISCCART	332323.00	4178147.00	285.47	285.47
DISCCART	332323.00	4179147.00	271.56	271.56
DISCCART	332323.00	4180147.00	271.86	271.86
DISCCART	332323.00	4181147.00	265.88	265.88
DISCCART	332323.00	4182147.00	265.68	265.68
DISCCART	332323.00	4183147.00	263.66	263.66
DISCCART	332323.00	4184147.00	265.46	265.46
DISCCART	332323.00	4185147.00	274.20	274.20
DISCCART	332323.00	4186147.00	283.65	283.65
DISCCART	331323.00	4126147.00	265.27	265.27

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	331323.00	4127147.00	271.54	271.54
DISCCART	331323.00	4128147.00	275.51	275.51
DISCCART	331323.00	4129147.00	275.15	275.15
DISCCART	331323.00	4130147.00	277.65	277.65
DISCCART	331323.00	4131147.00	280.60	280.60
DISCCART	331323.00	4132147.00	277.68	293.97
DISCCART	331323.00	4133147.00	275.65	275.65
DISCCART	331323.00	4134147.00	288.12	288.12
DISCCART	331323.00	4135147.00	275.01	275.01
DISCCART	331323.00	4136147.00	266.18	266.18
DISCCART	331323.00	4137147.00	266.71	266.71
DISCCART	331323.00	4138147.00	271.49	271.49
DISCCART	331323.00	4139147.00	275.14	275.14
DISCCART	331323.00	4140147.00	279.68	279.68
DISCCART	331323.00	4141147.00	281.74	281.74
DISCCART	331323.00	4142147.00	287.55	287.55
DISCCART	331323.00	4143147.00	280.25	280.25
DISCCART	331323.00	4144147.00	274.35	274.35
DISCCART	331323.00	4145147.00	278.16	278.16
DISCCART	331323.00	4146147.00	277.83	277.83
DISCCART	331323.00	4147147.00	285.17	285.17
DISCCART	331323.00	4148147.00	280.28	280.28
DISCCART	331323.00	4149147.00	280.10	280.10
DISCCART	331323.00	4150147.00	277.35	277.35
DISCCART	331323.00	4151147.00	275.23	275.23
DISCCART	331323.00	4152147.00	277.97	277.97
DISCCART	331323.00	4153147.00	280.74	280.74
DISCCART	331323.00	4154147.00	282.24	282.24
DISCCART	331323.00	4155147.00	284.76	284.76
DISCCART	331323.00	4156147.00	287.45	287.45
DISCCART	331323.00	4157147.00	291.63	291.63
DISCCART	331323.00	4158147.00	293.03	293.03
DISCCART	331323.00	4159147.00	287.16	287.16
DISCCART	331323.00	4160147.00	292.86	292.86
DISCCART	331323.00	4161147.00	304.64	304.64
DISCCART	331323.00	4162147.00	305.20	305.20
DISCCART	331323.00	4163147.00	304.96	304.96
DISCCART	331323.00	4164147.00	302.17	302.17
DISCCART	331323.00	4165147.00	308.30	308.30
DISCCART	331323.00	4166147.00	309.95	309.95
DISCCART	331323.00	4167147.00	307.72	307.72
DISCCART	331323.00	4168147.00	308.68	308.68
DISCCART	331323.00	4169147.00	302.60	302.60
DISCCART	331323.00	4170147.00	296.31	296.31
DISCCART	331323.00	4171147.00	301.52	301.52
DISCCART	331323.00	4172147.00	296.43	296.43
DISCCART	331323.00	4173147.00	295.10	295.10
DISCCART	331323.00	4174147.00	292.76	292.76
DISCCART	331323.00	4175147.00	291.70	291.70
DISCCART	331323.00	4176147.00	296.51	296.51
DISCCART	331323.00	4177147.00	297.43	297.43
DISCCART	331323.00	4178147.00	286.35	286.35
DISCCART	331323.00	4179147.00	285.68	285.68
DISCCART	331323.00	4180147.00	282.90	282.90
DISCCART	331323.00	4181147.00	285.16	285.16
DISCCART	331323.00	4182147.00	282.42	282.42
DISCCART	331323.00	4183147.00	260.29	266.35
DISCCART	331323.00	4184147.00	264.69	264.69
DISCCART	331323.00	4185147.00	276.08	276.08
DISCCART	331323.00	4186147.00	280.21	280.21
DISCCART	330323.00	4126147.00	263.96	263.96
DISCCART	330323.00	4127147.00	264.60	264.60
DISCCART	330323.00	4128147.00	270.02	270.02
DISCCART	330323.00	4129147.00	272.64	272.64
DISCCART	330323.00	4130147.00	275.28	275.28
DISCCART	330323.00	4131147.00	281.05	281.05
DISCCART	330323.00	4132147.00	283.26	283.26
DISCCART	330323.00	4133147.00	272.33	272.33
DISCCART	330323.00	4134147.00	271.90	271.90
DISCCART	330323.00	4135147.00	285.75	285.75

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	330323.00	4136147.00	262.91	262.91
DISCCART	330323.00	4137147.00	268.58	268.58
DISCCART	330323.00	4138147.00	273.59	273.59
DISCCART	330323.00	4139147.00	274.66	274.66
DISCCART	330323.00	4140147.00	277.45	277.45
DISCCART	330323.00	4141147.00	276.28	276.28
DISCCART	330323.00	4142147.00	281.31	281.31
DISCCART	330323.00	4143147.00	269.11	269.11
DISCCART	330323.00	4144147.00	275.25	275.25
DISCCART	330323.00	4145147.00	281.28	281.28
DISCCART	330323.00	4146147.00	270.55	270.55
DISCCART	330323.00	4147147.00	269.31	269.31
DISCCART	330323.00	4148147.00	273.43	273.43
DISCCART	330323.00	4149147.00	274.40	274.40
DISCCART	330323.00	4150147.00	283.58	283.58
DISCCART	330323.00	4151147.00	286.63	286.63
DISCCART	330323.00	4152147.00	289.11	289.11
DISCCART	330323.00	4153147.00	292.78	292.78
DISCCART	330323.00	4154147.00	294.47	294.47
DISCCART	330323.00	4155147.00	289.53	289.53
DISCCART	330323.00	4156147.00	290.78	290.78
DISCCART	330323.00	4157147.00	293.25	293.25
DISCCART	330323.00	4158147.00	295.42	295.42
DISCCART	330323.00	4159147.00	293.93	293.93
DISCCART	330323.00	4160147.00	297.80	297.80
DISCCART	330323.00	4161147.00	298.88	298.88
DISCCART	330323.00	4162147.00	304.20	304.20
DISCCART	330323.00	4163147.00	311.31	311.31
DISCCART	330323.00	4164147.00	304.18	304.18
DISCCART	330323.00	4165147.00	301.45	301.45
DISCCART	330323.00	4166147.00	301.01	301.01
DISCCART	330323.00	4167147.00	303.27	303.27
DISCCART	330323.00	4168147.00	300.75	300.75
DISCCART	330323.00	4169147.00	304.95	304.95
DISCCART	330323.00	4170147.00	302.97	302.97
DISCCART	330323.00	4171147.00	302.92	302.92
DISCCART	330323.00	4172147.00	298.92	298.92
DISCCART	330323.00	4173147.00	292.40	292.40
DISCCART	330323.00	4174147.00	291.60	291.60
DISCCART	330323.00	4175147.00	285.79	285.79
DISCCART	330323.00	4176147.00	292.93	292.93
DISCCART	330323.00	4177147.00	289.10	289.10
DISCCART	330323.00	4178147.00	292.85	292.85
DISCCART	330323.00	4179147.00	292.90	292.90
DISCCART	330323.00	4180147.00	283.01	283.01
DISCCART	330323.00	4181147.00	290.17	290.17
DISCCART	330323.00	4182147.00	287.60	287.60
DISCCART	330323.00	4183147.00	276.66	276.66
DISCCART	330323.00	4184147.00	257.64	258.80
DISCCART	330323.00	4185147.00	274.67	274.67
DISCCART	330323.00	4186147.00	283.89	283.89
DISCCART	329323.00	4126147.00	270.90	270.90
DISCCART	329323.00	4127147.00	272.46	272.46
DISCCART	329323.00	4128147.00	275.07	275.07
DISCCART	329323.00	4129147.00	274.44	274.44
DISCCART	329323.00	4130147.00	277.40	277.40
DISCCART	329323.00	4131147.00	280.32	280.32
DISCCART	329323.00	4132147.00	290.18	290.18
DISCCART	329323.00	4133147.00	280.28	280.28
DISCCART	329323.00	4134147.00	267.26	267.26
DISCCART	329323.00	4135147.00	271.21	271.21
DISCCART	329323.00	4136147.00	262.02	262.02
DISCCART	329323.00	4137147.00	269.42	269.42
DISCCART	329323.00	4138147.00	268.39	268.39
DISCCART	329323.00	4139147.00	265.38	265.38
DISCCART	329323.00	4140147.00	268.46	268.46
DISCCART	329323.00	4141147.00	268.85	268.85
DISCCART	329323.00	4142147.00	265.84	265.84
DISCCART	329323.00	4143147.00	267.03	267.03
DISCCART	329323.00	4144147.00	269.62	269.62

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	329323.00	4145147.00	269.78	269.78
DISCCART	329323.00	4146147.00	274.36	274.36
DISCCART	329323.00	4147147.00	280.36	280.36
DISCCART	329323.00	4148147.00	277.46	277.46
DISCCART	329323.00	4149147.00	279.18	279.18
DISCCART	329323.00	4150147.00	277.69	277.69
DISCCART	329323.00	4151147.00	285.06	285.06
DISCCART	329323.00	4152147.00	290.55	290.55
DISCCART	329323.00	4153147.00	292.21	292.21
DISCCART	329323.00	4154147.00	293.50	293.50
DISCCART	329323.00	4155147.00	293.66	293.66
DISCCART	329323.00	4156147.00	292.97	292.97
DISCCART	329323.00	4157147.00	292.62	292.62
DISCCART	329323.00	4158147.00	298.80	298.80
DISCCART	329323.00	4159147.00	301.25	301.25
DISCCART	329323.00	4160147.00	304.49	304.49
DISCCART	329323.00	4161147.00	304.68	304.68
DISCCART	329323.00	4162147.00	304.05	304.05
DISCCART	329323.00	4163147.00	299.13	299.13
DISCCART	329323.00	4164147.00	297.83	297.83
DISCCART	329323.00	4165147.00	295.69	295.69
DISCCART	329323.00	4166147.00	296.15	296.15
DISCCART	329323.00	4167147.00	298.25	298.25
DISCCART	329323.00	4168147.00	302.55	302.55
DISCCART	329323.00	4169147.00	304.26	304.26
DISCCART	329323.00	4170147.00	301.55	301.55
DISCCART	329323.00	4171147.00	303.34	303.34
DISCCART	329323.00	4172147.00	302.30	302.30
DISCCART	329323.00	4173147.00	302.83	302.83
DISCCART	329323.00	4174147.00	296.29	296.29
DISCCART	329323.00	4175147.00	290.14	290.14
DISCCART	329323.00	4176147.00	291.08	291.08
DISCCART	329323.00	4177147.00	282.57	282.57
DISCCART	329323.00	4178147.00	285.85	285.85
DISCCART	329323.00	4179147.00	289.49	289.49
DISCCART	329323.00	4180147.00	281.49	281.49
DISCCART	329323.00	4181147.00	287.22	287.22
DISCCART	329323.00	4182147.00	289.57	289.57
DISCCART	329323.00	4183147.00	265.62	265.62
DISCCART	329323.00	4184147.00	260.43	261.72
DISCCART	329323.00	4185147.00	278.59	278.59
DISCCART	329323.00	4186147.00	277.68	277.68
DISCCART	328323.00	4126147.00	277.21	277.21
DISCCART	328323.00	4127147.00	271.12	271.12
DISCCART	328323.00	4128147.00	273.87	273.87
DISCCART	328323.00	4129147.00	271.15	271.15
DISCCART	328323.00	4130147.00	270.66	270.66
DISCCART	328323.00	4131147.00	270.96	270.96
DISCCART	328323.00	4132147.00	275.04	275.04
DISCCART	328323.00	4133147.00	271.80	271.80
DISCCART	328323.00	4134147.00	266.06	266.06
DISCCART	328323.00	4135147.00	263.36	263.36
DISCCART	328323.00	4136147.00	262.29	262.29
DISCCART	328323.00	4137147.00	266.47	266.47
DISCCART	328323.00	4138147.00	265.79	265.79
DISCCART	328323.00	4139147.00	264.96	264.96
DISCCART	328323.00	4140147.00	263.18	263.18
DISCCART	328323.00	4141147.00	264.04	264.04
DISCCART	328323.00	4142147.00	264.99	264.99
DISCCART	328323.00	4143147.00	268.19	279.57
DISCCART	328323.00	4144147.00	268.54	271.71
DISCCART	328323.00	4145147.00	273.41	273.41
DISCCART	328323.00	4146147.00	275.55	275.55
DISCCART	328323.00	4147147.00	282.04	282.04
DISCCART	328323.00	4148147.00	281.67	281.67
DISCCART	328323.00	4149147.00	291.77	291.77
DISCCART	328323.00	4150147.00	284.04	284.04
DISCCART	328323.00	4151147.00	280.63	280.63
DISCCART	328323.00	4152147.00	287.26	287.26
DISCCART	328323.00	4153147.00	287.26	287.26

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	328323.00	4154147.00	289.84	289.84
DISCCART	328323.00	4155147.00	292.75	292.75
DISCCART	328323.00	4156147.00	295.97	295.97
DISCCART	328323.00	4157147.00	297.76	297.76
DISCCART	328323.00	4158147.00	312.85	312.85
DISCCART	328323.00	4159147.00	308.81	308.81
DISCCART	328323.00	4160147.00	306.82	306.82
DISCCART	328323.00	4161147.00	302.09	302.09
DISCCART	328323.00	4162147.00	303.29	303.29
DISCCART	328323.00	4163147.00	295.97	295.97
DISCCART	328323.00	4164147.00	292.91	292.91
DISCCART	328323.00	4165147.00	292.69	292.69
DISCCART	328323.00	4166147.00	299.85	299.85
DISCCART	328323.00	4167147.00	292.17	292.17
DISCCART	328323.00	4168147.00	295.63	295.63
DISCCART	328323.00	4169147.00	296.27	296.27
DISCCART	328323.00	4170147.00	304.40	304.40
DISCCART	328323.00	4171147.00	305.03	305.03
DISCCART	328323.00	4172147.00	302.52	302.52
DISCCART	328323.00	4173147.00	300.87	300.87
DISCCART	328323.00	4174147.00	295.36	295.36
DISCCART	328323.00	4175147.00	295.90	295.90
DISCCART	328323.00	4176147.00	293.16	293.16
DISCCART	328323.00	4177147.00	281.22	281.22
DISCCART	328323.00	4178147.00	274.19	274.19
DISCCART	328323.00	4179147.00	280.62	280.62
DISCCART	328323.00	4180147.00	265.14	274.98
DISCCART	328323.00	4181147.00	281.44	281.44
DISCCART	328323.00	4182147.00	267.68	272.06
DISCCART	328323.00	4183147.00	265.62	265.62
DISCCART	328323.00	4184147.00	265.74	265.74
DISCCART	328323.00	4185147.00	277.85	277.85
DISCCART	328323.00	4186147.00	282.46	282.46
DISCCART	327323.00	4126147.00	270.83	271.43
DISCCART	327323.00	4127147.00	271.85	271.85
DISCCART	327323.00	4128147.00	271.29	271.29
DISCCART	327323.00	4129147.00	269.17	269.17
DISCCART	327323.00	4130147.00	264.86	264.86
DISCCART	327323.00	4131147.00	271.37	271.37
DISCCART	327323.00	4132147.00	277.74	277.74
DISCCART	327323.00	4133147.00	278.99	278.99
DISCCART	327323.00	4134147.00	264.53	264.53
DISCCART	327323.00	4135147.00	259.44	259.44
DISCCART	327323.00	4136147.00	266.36	266.36
DISCCART	327323.00	4137147.00	268.25	268.25
DISCCART	327323.00	4138147.00	262.94	262.94
DISCCART	327323.00	4139147.00	263.88	263.88
DISCCART	327323.00	4140147.00	283.34	283.34
DISCCART	327323.00	4141147.00	280.85	280.85
DISCCART	327323.00	4142147.00	279.48	279.48
DISCCART	327323.00	4143147.00	286.83	286.83
DISCCART	327323.00	4144147.00	280.69	280.69
DISCCART	327323.00	4145147.00	278.94	278.94
DISCCART	327323.00	4146147.00	278.37	278.37
DISCCART	327323.00	4147147.00	280.69	280.69
DISCCART	327323.00	4148147.00	286.27	286.27
DISCCART	327323.00	4149147.00	290.76	290.76
DISCCART	327323.00	4150147.00	289.56	289.56
DISCCART	327323.00	4151147.00	288.93	288.93
DISCCART	327323.00	4152147.00	284.48	284.48
DISCCART	327323.00	4153147.00	281.25	281.25
DISCCART	327323.00	4154147.00	284.60	284.60
DISCCART	327323.00	4155147.00	287.30	287.30
DISCCART	327323.00	4156147.00	289.85	289.85
DISCCART	327323.00	4157147.00	298.69	298.69
DISCCART	327323.00	4158147.00	304.18	304.18
DISCCART	327323.00	4159147.00	300.08	300.08
DISCCART	327323.00	4160147.00	301.30	301.30
DISCCART	327323.00	4161147.00	300.61	300.61
DISCCART	327323.00	4162147.00	293.98	293.98

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	327323.00	4163147.00	296.21	296.21
DISCCART	327323.00	4164147.00	289.97	289.97
DISCCART	327323.00	4165147.00	289.79	289.79
DISCCART	327323.00	4166147.00	289.69	289.69
DISCCART	327323.00	4167147.00	289.57	289.57
DISCCART	327323.00	4168147.00	294.22	294.22
DISCCART	327323.00	4169147.00	300.22	300.22
DISCCART	327323.00	4170147.00	302.79	302.79
DISCCART	327323.00	4171147.00	302.01	302.01
DISCCART	327323.00	4172147.00	293.58	296.91
DISCCART	327323.00	4173147.00	296.11	296.11
DISCCART	327323.00	4174147.00	291.89	291.89
DISCCART	327323.00	4175147.00	289.70	289.70
DISCCART	327323.00	4176147.00	281.32	281.32
DISCCART	327323.00	4177147.00	275.81	275.81
DISCCART	327323.00	4178147.00	280.68	280.68
DISCCART	327323.00	4179147.00	271.03	271.03
DISCCART	327323.00	4180147.00	277.82	277.82
DISCCART	327323.00	4181147.00	277.49	277.49
DISCCART	327323.00	4182147.00	262.65	265.37
DISCCART	327323.00	4183147.00	277.20	277.20
DISCCART	327323.00	4184147.00	282.79	282.79
DISCCART	327323.00	4185147.00	273.89	273.89
DISCCART	327323.00	4186147.00	274.16	274.16
DISCCART	326323.00	4126147.00	268.37	268.37
DISCCART	326323.00	4127147.00	272.45	272.45
DISCCART	326323.00	4128147.00	271.23	271.23
DISCCART	326323.00	4129147.00	271.79	271.79
DISCCART	326323.00	4130147.00	268.11	268.11
DISCCART	326323.00	4131147.00	265.29	271.50
DISCCART	326323.00	4132147.00	269.81	269.81
DISCCART	326323.00	4133147.00	267.53	267.53
DISCCART	326323.00	4134147.00	260.62	260.62
DISCCART	326323.00	4135147.00	260.26	260.26
DISCCART	326323.00	4136147.00	261.58	261.58
DISCCART	326323.00	4137147.00	262.24	262.24
DISCCART	326323.00	4138147.00	263.11	263.11
DISCCART	326323.00	4139147.00	279.44	279.44
DISCCART	326323.00	4140147.00	278.03	278.03
DISCCART	326323.00	4141147.00	275.28	275.28
DISCCART	326323.00	4142147.00	279.57	279.57
DISCCART	326323.00	4143147.00	278.52	278.52
DISCCART	326323.00	4144147.00	283.53	283.53
DISCCART	326323.00	4145147.00	284.48	284.48
DISCCART	326323.00	4146147.00	284.73	284.73
DISCCART	326323.00	4147147.00	286.61	286.61
DISCCART	326323.00	4148147.00	283.86	283.86
DISCCART	326323.00	4149147.00	287.84	287.84
DISCCART	326323.00	4150147.00	289.89	289.89
DISCCART	326323.00	4151147.00	291.25	291.25
DISCCART	326323.00	4152147.00	289.28	289.28
DISCCART	326323.00	4153147.00	288.95	288.95
DISCCART	326323.00	4154147.00	288.78	288.78
DISCCART	326323.00	4155147.00	296.27	296.27
DISCCART	326323.00	4156147.00	299.94	299.94
DISCCART	326323.00	4157147.00	308.51	308.51
DISCCART	326323.00	4158147.00	295.76	295.76
DISCCART	326323.00	4159147.00	302.74	302.74
DISCCART	326323.00	4160147.00	291.96	291.96
DISCCART	326323.00	4161147.00	302.05	302.05
DISCCART	326323.00	4162147.00	289.02	289.02
DISCCART	326323.00	4163147.00	291.61	291.61
DISCCART	326323.00	4164147.00	284.62	284.62
DISCCART	326323.00	4165147.00	291.65	291.65
DISCCART	326323.00	4166147.00	298.36	298.36
DISCCART	326323.00	4167147.00	299.52	299.52
DISCCART	326323.00	4168147.00	298.98	298.98
DISCCART	326323.00	4169147.00	300.95	300.95
DISCCART	326323.00	4170147.00	304.93	304.93
DISCCART	326323.00	4171147.00	304.96	304.96



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	326323.00	4172147.00	299.70	299.70
DISCCART	326323.00	4173147.00	291.89	291.89
DISCCART	326323.00	4174147.00	282.74	282.74
DISCCART	326323.00	4175147.00	284.29	284.29
DISCCART	326323.00	4176147.00	291.90	291.90
DISCCART	326323.00	4177147.00	281.82	281.82
DISCCART	326323.00	4178147.00	282.37	282.37
DISCCART	326323.00	4179147.00	284.56	284.56
DISCCART	326323.00	4180147.00	277.60	277.60
DISCCART	326323.00	4181147.00	268.29	268.29
DISCCART	326323.00	4182147.00	273.23	273.23
DISCCART	326323.00	4183147.00	275.56	275.56
DISCCART	326323.00	4184147.00	280.57	280.57
DISCCART	326323.00	4185147.00	279.01	279.01
DISCCART	326323.00	4186147.00	281.41	281.41
DISCCART	325323.00	4126147.00	272.45	272.45
DISCCART	325323.00	4127147.00	282.33	282.33
DISCCART	325323.00	4128147.00	271.28	271.28
DISCCART	325323.00	4129147.00	281.65	281.65
DISCCART	325323.00	4130147.00	265.91	265.91
DISCCART	325323.00	4131147.00	259.03	259.03
DISCCART	325323.00	4132147.00	257.50	261.36
DISCCART	325323.00	4133147.00	262.77	262.77
DISCCART	325323.00	4134147.00	259.20	259.20
DISCCART	325323.00	4135147.00	261.86	261.86
DISCCART	325323.00	4136147.00	268.46	268.46
DISCCART	325323.00	4137147.00	269.42	269.42
DISCCART	325323.00	4138147.00	275.06	275.06
DISCCART	325323.00	4139147.00	272.04	272.04
DISCCART	325323.00	4140147.00	277.55	277.55
DISCCART	325323.00	4141147.00	271.60	271.60
DISCCART	325323.00	4142147.00	277.57	277.57
DISCCART	325323.00	4143147.00	276.68	276.68
DISCCART	325323.00	4144147.00	278.09	278.09
DISCCART	325323.00	4145147.00	282.23	282.23
DISCCART	325323.00	4146147.00	292.60	292.60
DISCCART	325323.00	4147147.00	290.26	290.26
DISCCART	325323.00	4148147.00	287.08	287.08
DISCCART	325323.00	4149147.00	285.17	285.17
DISCCART	325323.00	4150147.00	289.72	289.72
DISCCART	325323.00	4151147.00	299.27	299.27
DISCCART	325323.00	4152147.00	295.77	295.77
DISCCART	325323.00	4153147.00	297.11	297.11
DISCCART	325323.00	4154147.00	298.28	298.28
DISCCART	325323.00	4155147.00	300.58	300.58
DISCCART	325323.00	4156147.00	296.91	296.91
DISCCART	325323.00	4157147.00	307.77	307.77
DISCCART	325323.00	4158147.00	292.27	292.27
DISCCART	325323.00	4159147.00	292.29	292.29
DISCCART	325323.00	4160147.00	288.77	288.77
DISCCART	325323.00	4161147.00	293.02	293.02
DISCCART	325323.00	4162147.00	289.91	289.91
DISCCART	325323.00	4163147.00	283.97	283.97
DISCCART	325323.00	4164147.00	285.86	285.86
DISCCART	325323.00	4165147.00	292.84	292.84
DISCCART	325323.00	4166147.00	295.63	295.63
DISCCART	325323.00	4167147.00	301.67	301.67
DISCCART	325323.00	4168147.00	292.99	292.99
DISCCART	325323.00	4169147.00	301.98	301.98
DISCCART	325323.00	4170147.00	302.28	302.28
DISCCART	325323.00	4171147.00	302.09	302.09
DISCCART	325323.00	4172147.00	292.68	292.68
DISCCART	325323.00	4173147.00	290.04	290.04
DISCCART	325323.00	4174147.00	292.33	292.33
DISCCART	325323.00	4175147.00	290.50	290.50
DISCCART	325323.00	4176147.00	285.76	285.76
DISCCART	325323.00	4177147.00	280.56	280.56
DISCCART	325323.00	4178147.00	283.54	283.54
DISCCART	325323.00	4179147.00	281.92	281.92
DISCCART	325323.00	4180147.00	277.20	277.20

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	325323.00	4181147.00	279.64	279.64
DISCCART	325323.00	4182147.00	274.51	274.51
DISCCART	325323.00	4183147.00	276.19	276.19
DISCCART	325323.00	4184147.00	281.72	281.72
DISCCART	325323.00	4185147.00	280.48	280.48
DISCCART	325323.00	4186147.00	286.38	286.38
DISCCART	324323.00	4126147.00	274.81	274.81
DISCCART	324323.00	4127147.00	277.11	277.11
DISCCART	324323.00	4128147.00	269.61	269.61
DISCCART	324323.00	4129147.00	280.80	280.80
DISCCART	324323.00	4130147.00	265.02	265.45
DISCCART	324323.00	4131147.00	259.20	259.20
DISCCART	324323.00	4132147.00	259.47	259.47
DISCCART	324323.00	4133147.00	262.75	262.75
DISCCART	324323.00	4134147.00	257.92	259.24
DISCCART	324323.00	4135147.00	264.84	264.84
DISCCART	324323.00	4136147.00	262.98	262.98
DISCCART	324323.00	4137147.00	263.41	263.41
DISCCART	324323.00	4138147.00	262.52	262.52
DISCCART	324323.00	4139147.00	266.55	266.55
DISCCART	324323.00	4140147.00	269.80	269.80
DISCCART	324323.00	4141147.00	273.98	273.98
DISCCART	324323.00	4142147.00	279.24	279.24
DISCCART	324323.00	4143147.00	281.12	281.12
DISCCART	324323.00	4144147.00	291.19	291.19
DISCCART	324323.00	4145147.00	285.05	285.05
DISCCART	324323.00	4146147.00	286.55	286.55
DISCCART	324323.00	4147147.00	291.48	291.48
DISCCART	324323.00	4148147.00	286.24	286.24
DISCCART	324323.00	4149147.00	290.68	290.68
DISCCART	324323.00	4150147.00	296.54	296.54
DISCCART	324323.00	4151147.00	303.31	303.31
DISCCART	324323.00	4152147.00	298.62	298.62
DISCCART	324323.00	4153147.00	295.66	295.66
DISCCART	324323.00	4154147.00	295.01	295.01
DISCCART	324323.00	4155147.00	294.96	294.96
DISCCART	324323.00	4156147.00	294.71	294.71
DISCCART	324323.00	4157147.00	301.44	301.44
DISCCART	324323.00	4158147.00	303.06	303.06
DISCCART	324323.00	4159147.00	286.94	286.94
DISCCART	324323.00	4160147.00	291.11	291.11
DISCCART	324323.00	4161147.00	287.07	287.07
DISCCART	324323.00	4162147.00	289.57	289.57
DISCCART	324323.00	4163147.00	283.82	283.82
DISCCART	324323.00	4164147.00	285.78	285.78
DISCCART	324323.00	4165147.00	290.47	290.47
DISCCART	324323.00	4166147.00	292.74	292.74
DISCCART	324323.00	4167147.00	288.12	288.12
DISCCART	324323.00	4168147.00	299.57	299.57
DISCCART	324323.00	4169147.00	300.82	300.82
DISCCART	324323.00	4170147.00	301.32	301.32
DISCCART	324323.00	4171147.00	297.75	297.75
DISCCART	324323.00	4172147.00	293.55	296.22
DISCCART	324323.00	4173147.00	298.28	298.28
DISCCART	324323.00	4174147.00	298.54	298.54
DISCCART	324323.00	4175147.00	288.01	288.01
DISCCART	324323.00	4176147.00	284.23	286.77
DISCCART	324323.00	4177147.00	289.48	289.48
DISCCART	324323.00	4178147.00	297.59	297.59
DISCCART	324323.00	4179147.00	303.64	319.21
DISCCART	324323.00	4180147.00	281.43	281.43
DISCCART	324323.00	4181147.00	275.59	275.59
DISCCART	324323.00	4182147.00	277.52	277.52
DISCCART	324323.00	4183147.00	282.29	282.29
DISCCART	324323.00	4184147.00	282.76	282.76
DISCCART	324323.00	4185147.00	286.12	286.12
DISCCART	324323.00	4186147.00	295.69	295.69
DISCCART	323323.00	4126147.00	265.27	265.27
DISCCART	323323.00	4127147.00	266.33	266.33
DISCCART	323323.00	4128147.00	270.89	270.89

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	323323.00	4129147.00	277.49	277.49
DISCCART	323323.00	4130147.00	266.03	266.03
DISCCART	323323.00	4131147.00	257.95	257.95
DISCCART	323323.00	4132147.00	257.50	257.50
DISCCART	323323.00	4133147.00	259.58	259.58
DISCCART	323323.00	4134147.00	264.29	264.29
DISCCART	323323.00	4135147.00	264.65	264.65
DISCCART	323323.00	4136147.00	268.75	268.75
DISCCART	323323.00	4137147.00	271.54	271.54
DISCCART	323323.00	4138147.00	273.11	273.11
DISCCART	323323.00	4139147.00	275.83	275.83
DISCCART	323323.00	4140147.00	270.13	270.13
DISCCART	323323.00	4141147.00	272.73	272.73
DISCCART	323323.00	4142147.00	277.66	277.66
DISCCART	323323.00	4143147.00	279.35	279.35
DISCCART	323323.00	4144147.00	280.99	280.99
DISCCART	323323.00	4145147.00	287.22	287.22
DISCCART	323323.00	4146147.00	287.57	287.57
DISCCART	323323.00	4147147.00	285.04	285.04
DISCCART	323323.00	4148147.00	283.81	283.81
DISCCART	323323.00	4149147.00	288.99	288.99
DISCCART	323323.00	4150147.00	309.69	309.69
DISCCART	323323.00	4151147.00	298.17	298.17
DISCCART	323323.00	4152147.00	290.61	290.61
DISCCART	323323.00	4153147.00	294.84	294.84
DISCCART	323323.00	4154147.00	287.57	287.57
DISCCART	323323.00	4155147.00	292.50	292.50
DISCCART	323323.00	4156147.00	296.31	296.31
DISCCART	323323.00	4157147.00	298.62	298.62
DISCCART	323323.00	4158147.00	292.52	292.52
DISCCART	323323.00	4159147.00	295.15	295.15
DISCCART	323323.00	4160147.00	288.41	288.41
DISCCART	323323.00	4161147.00	286.38	286.38
DISCCART	323323.00	4162147.00	280.44	280.44
DISCCART	323323.00	4163147.00	289.87	289.87
DISCCART	323323.00	4164147.00	287.42	287.42
DISCCART	323323.00	4165147.00	283.59	283.59
DISCCART	323323.00	4166147.00	289.80	289.80
DISCCART	323323.00	4167147.00	290.35	290.35
DISCCART	323323.00	4168147.00	293.72	293.72
DISCCART	323323.00	4169147.00	294.81	294.81
DISCCART	323323.00	4170147.00	301.85	301.85
DISCCART	323323.00	4171147.00	305.00	311.33
DISCCART	323323.00	4172147.00	297.04	297.04
DISCCART	323323.00	4173147.00	305.21	305.21
DISCCART	323323.00	4174147.00	296.79	296.79
DISCCART	323323.00	4175147.00	295.88	295.88
DISCCART	323323.00	4176147.00	310.85	319.00
DISCCART	323323.00	4177147.00	303.69	303.69
DISCCART	323323.00	4178147.00	295.44	320.36
DISCCART	323323.00	4179147.00	298.10	298.10
DISCCART	323323.00	4180147.00	294.55	318.36
DISCCART	323323.00	4181147.00	278.79	278.79
DISCCART	323323.00	4182147.00	280.62	280.62
DISCCART	323323.00	4183147.00	281.16	281.16
DISCCART	323323.00	4184147.00	289.37	289.37
DISCCART	323323.00	4185147.00	308.25	311.32
DISCCART	323323.00	4186147.00	316.66	316.66
DISCCART	322323.00	4126147.00	261.10	261.10
DISCCART	322323.00	4127147.00	262.16	262.16
DISCCART	322323.00	4128147.00	266.41	266.41
DISCCART	322323.00	4129147.00	262.44	262.44
DISCCART	322323.00	4130147.00	254.85	254.85
DISCCART	322323.00	4131147.00	261.51	261.51
DISCCART	322323.00	4132147.00	259.55	259.55
DISCCART	322323.00	4133147.00	262.11	262.11
DISCCART	322323.00	4134147.00	266.84	266.84
DISCCART	322323.00	4135147.00	270.64	270.64
DISCCART	322323.00	4136147.00	272.09	272.09
DISCCART	322323.00	4137147.00	271.55	271.55

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	322323.00	4138147.00	277.96	277.96
DISCCART	322323.00	4139147.00	280.87	280.87
DISCCART	322323.00	4140147.00	272.56	272.56
DISCCART	322323.00	4141147.00	276.67	276.67
DISCCART	322323.00	4142147.00	277.58	277.58
DISCCART	322323.00	4143147.00	279.84	279.84
DISCCART	322323.00	4144147.00	287.98	287.98
DISCCART	322323.00	4145147.00	286.04	286.04
DISCCART	322323.00	4146147.00	281.23	281.23
DISCCART	322323.00	4147147.00	276.89	276.89
DISCCART	322323.00	4148147.00	284.68	284.68
DISCCART	322323.00	4149147.00	289.09	289.09
DISCCART	322323.00	4150147.00	290.82	290.82
DISCCART	322323.00	4151147.00	293.89	293.89
DISCCART	322323.00	4152147.00	291.14	291.14
DISCCART	322323.00	4153147.00	280.56	280.56
DISCCART	322323.00	4154147.00	288.25	288.25
DISCCART	322323.00	4155147.00	296.60	296.60
DISCCART	322323.00	4156147.00	302.47	302.47
DISCCART	322323.00	4157147.00	299.64	299.64
DISCCART	322323.00	4158147.00	292.59	292.59
DISCCART	322323.00	4159147.00	287.19	287.19
DISCCART	322323.00	4160147.00	289.81	289.81
DISCCART	322323.00	4161147.00	274.42	274.42
DISCCART	322323.00	4162147.00	279.85	279.85
DISCCART	322323.00	4163147.00	292.31	292.31
DISCCART	322323.00	4164147.00	281.12	281.12
DISCCART	322323.00	4165147.00	284.10	284.10
DISCCART	322323.00	4166147.00	286.71	286.71
DISCCART	322323.00	4167147.00	292.55	292.55
DISCCART	322323.00	4168147.00	299.18	299.18
DISCCART	322323.00	4169147.00	297.19	297.19
DISCCART	322323.00	4170147.00	304.69	304.69
DISCCART	322323.00	4171147.00	305.20	305.20
DISCCART	322323.00	4172147.00	306.53	306.53
DISCCART	322323.00	4173147.00	309.38	309.38
DISCCART	322323.00	4174147.00	314.71	314.71
DISCCART	322323.00	4175147.00	331.57	331.57
DISCCART	322323.00	4176147.00	336.72	336.72
DISCCART	322323.00	4177147.00	335.78	335.78
DISCCART	322323.00	4178147.00	329.52	329.52
DISCCART	322323.00	4179147.00	324.48	324.48
DISCCART	322323.00	4180147.00	311.64	321.34
DISCCART	322323.00	4181147.00	281.60	281.60
DISCCART	322323.00	4182147.00	287.63	287.63
DISCCART	322323.00	4183147.00	287.50	287.50
DISCCART	322323.00	4184147.00	311.13	311.13
DISCCART	322323.00	4185147.00	318.25	319.91
DISCCART	322323.00	4186147.00	279.61	308.38
DISCCART	321323.00	4126147.00	256.26	256.26
DISCCART	321323.00	4127147.00	256.07	256.07
DISCCART	321323.00	4128147.00	255.48	255.48
DISCCART	321323.00	4129147.00	254.96	254.96
DISCCART	321323.00	4130147.00	253.75	253.75
DISCCART	321323.00	4131147.00	259.13	259.13
DISCCART	321323.00	4132147.00	262.05	262.05
DISCCART	321323.00	4133147.00	266.33	266.33
DISCCART	321323.00	4134147.00	270.50	270.50
DISCCART	321323.00	4135147.00	272.52	272.52
DISCCART	321323.00	4136147.00	277.65	277.65
DISCCART	321323.00	4137147.00	277.63	277.63
DISCCART	321323.00	4138147.00	280.11	280.11
DISCCART	321323.00	4139147.00	278.77	278.77
DISCCART	321323.00	4140147.00	278.08	278.08
DISCCART	321323.00	4141147.00	274.56	274.56
DISCCART	321323.00	4142147.00	280.57	280.57
DISCCART	321323.00	4143147.00	286.78	286.78
DISCCART	321323.00	4144147.00	282.22	282.22
DISCCART	321323.00	4145147.00	282.67	282.67
DISCCART	321323.00	4146147.00	277.74	277.74

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	321323.00	4147147.00	280.53	280.53
DISCCART	321323.00	4148147.00	278.97	278.97
DISCCART	321323.00	4149147.00	286.42	286.42
DISCCART	321323.00	4150147.00	290.41	290.41
DISCCART	321323.00	4151147.00	291.54	291.54
DISCCART	321323.00	4152147.00	284.15	284.15
DISCCART	321323.00	4153147.00	282.30	282.30
DISCCART	321323.00	4154147.00	287.09	287.09
DISCCART	321323.00	4155147.00	293.13	293.13
DISCCART	321323.00	4156147.00	295.64	295.64
DISCCART	321323.00	4157147.00	293.32	293.32
DISCCART	321323.00	4158147.00	290.73	290.73
DISCCART	321323.00	4159147.00	280.32	280.32
DISCCART	321323.00	4160147.00	281.80	281.80
DISCCART	321323.00	4161147.00	289.67	289.67
DISCCART	321323.00	4162147.00	274.56	274.56
DISCCART	321323.00	4163147.00	279.47	279.47
DISCCART	321323.00	4164147.00	282.11	282.11
DISCCART	321323.00	4165147.00	287.73	287.73
DISCCART	321323.00	4166147.00	294.54	294.54
DISCCART	321323.00	4167147.00	299.01	299.01
DISCCART	321323.00	4168147.00	302.32	302.32
DISCCART	321323.00	4169147.00	305.45	305.45
DISCCART	321323.00	4170147.00	295.77	295.77
DISCCART	321323.00	4171147.00	297.25	297.25
DISCCART	321323.00	4172147.00	308.62	308.62
DISCCART	321323.00	4173147.00	312.33	312.33
DISCCART	321323.00	4174147.00	335.47	335.47
DISCCART	321323.00	4175147.00	333.31	333.31
DISCCART	321323.00	4176147.00	329.57	329.57
DISCCART	321323.00	4177147.00	326.77	326.77
DISCCART	321323.00	4178147.00	329.15	329.15
DISCCART	321323.00	4179147.00	322.23	322.23
DISCCART	321323.00	4180147.00	315.10	317.06
DISCCART	321323.00	4181147.00	290.00	290.00
DISCCART	321323.00	4182147.00	317.11	317.11
DISCCART	321323.00	4183147.00	313.41	313.41
DISCCART	321323.00	4184147.00	326.18	326.18
DISCCART	321323.00	4185147.00	301.22	309.67
DISCCART	321323.00	4186147.00	271.60	271.91
DISCCART	320323.00	4126147.00	255.00	255.00
DISCCART	320323.00	4127147.00	250.24	254.05
DISCCART	320323.00	4128147.00	253.60	253.60
DISCCART	320323.00	4129147.00	253.68	253.68
DISCCART	320323.00	4130147.00	257.85	257.85
DISCCART	320323.00	4131147.00	258.56	258.56
DISCCART	320323.00	4132147.00	262.93	262.93
DISCCART	320323.00	4133147.00	274.83	274.83
DISCCART	320323.00	4134147.00	280.33	280.33
DISCCART	320323.00	4135147.00	278.89	278.89
DISCCART	320323.00	4136147.00	277.35	277.35
DISCCART	320323.00	4137147.00	277.28	277.28
DISCCART	320323.00	4138147.00	278.17	278.17
DISCCART	320323.00	4139147.00	274.25	274.25
DISCCART	320323.00	4140147.00	272.09	272.09
DISCCART	320323.00	4141147.00	273.53	273.53
DISCCART	320323.00	4142147.00	290.48	290.48
DISCCART	320323.00	4143147.00	282.14	282.14
DISCCART	320323.00	4144147.00	279.36	279.36
DISCCART	320323.00	4145147.00	276.98	276.98
DISCCART	320323.00	4146147.00	275.50	275.50
DISCCART	320323.00	4147147.00	277.59	277.59
DISCCART	320323.00	4148147.00	275.82	275.82
DISCCART	320323.00	4149147.00	281.66	281.66
DISCCART	320323.00	4150147.00	285.60	285.60
DISCCART	320323.00	4151147.00	280.68	280.68
DISCCART	320323.00	4152147.00	277.42	277.42
DISCCART	320323.00	4153147.00	289.61	289.61
DISCCART	320323.00	4154147.00	293.96	293.96
DISCCART	320323.00	4155147.00	295.55	295.55

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	320323.00	4156147.00	291.31	291.31
DISCCART	320323.00	4157147.00	291.23	291.23
DISCCART	320323.00	4158147.00	285.71	285.71
DISCCART	320323.00	4159147.00	286.26	286.26
DISCCART	320323.00	4160147.00	281.96	281.96
DISCCART	320323.00	4161147.00	276.45	276.45
DISCCART	320323.00	4162147.00	282.24	282.24
DISCCART	320323.00	4163147.00	280.51	280.51
DISCCART	320323.00	4164147.00	283.60	283.60
DISCCART	320323.00	4165147.00	292.76	292.76
DISCCART	320323.00	4166147.00	291.91	291.91
DISCCART	320323.00	4167147.00	292.70	292.70
DISCCART	320323.00	4168147.00	294.12	294.12
DISCCART	320323.00	4169147.00	292.84	292.84
DISCCART	320323.00	4170147.00	293.05	293.05
DISCCART	320323.00	4171147.00	295.80	295.80
DISCCART	320323.00	4172147.00	305.28	305.28
DISCCART	320323.00	4173147.00	315.74	332.69
DISCCART	320323.00	4174147.00	332.82	332.82
DISCCART	320323.00	4175147.00	331.89	331.89
DISCCART	320323.00	4176147.00	325.22	325.22
DISCCART	320323.00	4177147.00	320.25	320.25
DISCCART	320323.00	4178147.00	327.26	327.26
DISCCART	320323.00	4179147.00	300.80	311.79
DISCCART	320323.00	4180147.00	305.98	311.88
DISCCART	320323.00	4181147.00	311.25	311.25
DISCCART	320323.00	4182147.00	328.63	328.63
DISCCART	320323.00	4183147.00	332.36	332.36
DISCCART	320323.00	4184147.00	326.95	326.95
DISCCART	320323.00	4185147.00	298.42	311.87
DISCCART	320323.00	4186147.00	276.73	303.77
DISCCART	319323.00	4126147.00	252.47	252.47
DISCCART	319323.00	4127147.00	253.94	253.94
DISCCART	319323.00	4128147.00	256.42	256.42
DISCCART	319323.00	4129147.00	257.44	257.44
DISCCART	319323.00	4130147.00	259.46	259.46
DISCCART	319323.00	4131147.00	262.23	262.23
DISCCART	319323.00	4132147.00	260.51	260.51
DISCCART	319323.00	4133147.00	265.78	265.78
DISCCART	319323.00	4134147.00	275.92	275.92
DISCCART	319323.00	4135147.00	269.75	269.75
DISCCART	319323.00	4136147.00	271.32	271.32
DISCCART	319323.00	4137147.00	270.69	270.69
DISCCART	319323.00	4138147.00	274.82	274.82
DISCCART	319323.00	4139147.00	269.34	269.34
DISCCART	319323.00	4140147.00	267.14	267.14
DISCCART	319323.00	4141147.00	273.28	273.28
DISCCART	319323.00	4142147.00	279.37	279.37
DISCCART	319323.00	4143147.00	283.71	283.71
DISCCART	319323.00	4144147.00	275.64	275.64
DISCCART	319323.00	4145147.00	269.82	269.82
DISCCART	319323.00	4146147.00	277.96	277.96
DISCCART	319323.00	4147147.00	271.85	271.85
DISCCART	319323.00	4148147.00	274.63	274.63
DISCCART	319323.00	4149147.00	275.20	275.20
DISCCART	319323.00	4150147.00	271.43	271.43
DISCCART	319323.00	4151147.00	275.40	275.40
DISCCART	319323.00	4152147.00	286.77	286.77
DISCCART	319323.00	4153147.00	286.35	286.35
DISCCART	319323.00	4154147.00	290.21	290.21
DISCCART	319323.00	4155147.00	289.49	289.49
DISCCART	319323.00	4156147.00	286.64	286.64
DISCCART	319323.00	4157147.00	285.45	285.45
DISCCART	319323.00	4158147.00	280.96	280.96
DISCCART	319323.00	4159147.00	282.30	282.30
DISCCART	319323.00	4160147.00	273.61	273.61
DISCCART	319323.00	4161147.00	277.78	277.78
DISCCART	319323.00	4162147.00	284.08	284.08
DISCCART	319323.00	4163147.00	284.51	284.51
DISCCART	319323.00	4164147.00	287.27	287.27

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	319323.00	4165147.00	290.63	290.63
DISCCART	319323.00	4166147.00	285.45	285.45
DISCCART	319323.00	4167147.00	290.32	290.32
DISCCART	319323.00	4168147.00	289.60	289.60
DISCCART	319323.00	4169147.00	292.02	292.02
DISCCART	319323.00	4170147.00	294.24	294.24
DISCCART	319323.00	4171147.00	300.31	300.31
DISCCART	319323.00	4172147.00	312.10	312.10
DISCCART	319323.00	4173147.00	330.19	330.19
DISCCART	319323.00	4174147.00	324.09	324.09
DISCCART	319323.00	4175147.00	317.92	317.92
DISCCART	319323.00	4176147.00	320.84	320.84
DISCCART	319323.00	4177147.00	311.67	311.67
DISCCART	319323.00	4178147.00	324.29	324.29
DISCCART	319323.00	4179147.00	320.16	320.16
DISCCART	319323.00	4180147.00	303.20	310.21
DISCCART	319323.00	4181147.00	323.88	323.88
DISCCART	319323.00	4182147.00	327.83	327.83
DISCCART	319323.00	4183147.00	324.42	327.81
DISCCART	319323.00	4184147.00	313.97	313.97
DISCCART	319323.00	4185147.00	310.23	310.23
DISCCART	319323.00	4186147.00	275.13	306.09
DISCCART	318323.00	4126147.00	262.81	262.81
DISCCART	318323.00	4127147.00	271.79	271.79
DISCCART	318323.00	4128147.00	267.83	267.83
DISCCART	318323.00	4129147.00	260.85	260.85
DISCCART	318323.00	4130147.00	264.70	264.70
DISCCART	318323.00	4131147.00	268.81	268.81
DISCCART	318323.00	4132147.00	272.32	272.32
DISCCART	318323.00	4133147.00	278.01	278.01
DISCCART	318323.00	4134147.00	274.68	274.68
DISCCART	318323.00	4135147.00	265.00	265.00
DISCCART	318323.00	4136147.00	271.34	271.34
DISCCART	318323.00	4137147.00	268.66	268.66
DISCCART	318323.00	4138147.00	268.59	268.59
DISCCART	318323.00	4139147.00	265.99	265.99
DISCCART	318323.00	4140147.00	271.69	271.69
DISCCART	318323.00	4141147.00	265.79	268.29
DISCCART	318323.00	4142147.00	276.60	276.60
DISCCART	318323.00	4143147.00	281.52	281.52
DISCCART	318323.00	4144147.00	275.28	275.28
DISCCART	318323.00	4145147.00	269.74	269.74
DISCCART	318323.00	4146147.00	272.01	272.01
DISCCART	318323.00	4147147.00	268.58	268.58
DISCCART	318323.00	4148147.00	266.68	266.68
DISCCART	318323.00	4149147.00	268.70	268.70
DISCCART	318323.00	4150147.00	275.28	275.28
DISCCART	318323.00	4151147.00	283.02	283.02
DISCCART	318323.00	4152147.00	292.03	292.03
DISCCART	318323.00	4153147.00	287.95	287.95
DISCCART	318323.00	4154147.00	289.97	289.97
DISCCART	318323.00	4155147.00	289.55	289.55
DISCCART	318323.00	4156147.00	291.10	291.10
DISCCART	318323.00	4157147.00	286.59	286.59
DISCCART	318323.00	4158147.00	275.15	275.15
DISCCART	318323.00	4159147.00	274.75	274.75
DISCCART	318323.00	4160147.00	273.69	273.69
DISCCART	318323.00	4161147.00	285.43	285.43
DISCCART	318323.00	4162147.00	289.07	289.07
DISCCART	318323.00	4163147.00	279.40	279.40
DISCCART	318323.00	4164147.00	280.93	280.93
DISCCART	318323.00	4165147.00	284.19	284.19
DISCCART	318323.00	4166147.00	280.71	280.71
DISCCART	318323.00	4167147.00	286.87	286.87
DISCCART	318323.00	4168147.00	291.76	291.76
DISCCART	318323.00	4169147.00	296.94	296.94
DISCCART	318323.00	4170147.00	299.56	299.56
DISCCART	318323.00	4171147.00	307.27	307.27
DISCCART	318323.00	4172147.00	325.62	336.17
DISCCART	318323.00	4173147.00	318.65	318.65

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	318323.00	4174147.00	316.55	316.55
DISCCART	318323.00	4175147.00	317.99	317.99
DISCCART	318323.00	4176147.00	308.36	308.36
DISCCART	318323.00	4177147.00	311.86	311.86
DISCCART	318323.00	4178147.00	327.00	327.00
DISCCART	318323.00	4179147.00	328.56	328.56
DISCCART	318323.00	4180147.00	321.28	321.28
DISCCART	318323.00	4181147.00	334.91	334.91
DISCCART	318323.00	4182147.00	326.06	326.06
DISCCART	318323.00	4183147.00	319.97	319.97
DISCCART	318323.00	4184147.00	313.90	313.90
DISCCART	318323.00	4185147.00	287.25	287.25
DISCCART	318323.00	4186147.00	282.81	301.74
DISCCART	317323.00	4126147.00	268.58	268.58
DISCCART	317323.00	4127147.00	268.63	268.63
DISCCART	317323.00	4128147.00	271.36	271.36
DISCCART	317323.00	4129147.00	274.38	274.38
DISCCART	317323.00	4130147.00	272.80	272.80
DISCCART	317323.00	4131147.00	274.86	274.86
DISCCART	317323.00	4132147.00	278.68	278.68
DISCCART	317323.00	4133147.00	266.58	266.58
DISCCART	317323.00	4134147.00	267.35	267.35
DISCCART	317323.00	4135147.00	262.60	262.60
DISCCART	317323.00	4136147.00	268.35	268.35
DISCCART	317323.00	4137147.00	266.25	266.25
DISCCART	317323.00	4138147.00	268.05	268.05
DISCCART	317323.00	4139147.00	262.13	262.13
DISCCART	317323.00	4140147.00	265.75	265.75
DISCCART	317323.00	4141147.00	267.12	267.12
DISCCART	317323.00	4142147.00	270.66	270.66
DISCCART	317323.00	4143147.00	273.48	273.48
DISCCART	317323.00	4144147.00	268.12	268.12
DISCCART	317323.00	4145147.00	262.82	262.82
DISCCART	317323.00	4146147.00	264.08	264.08
DISCCART	317323.00	4147147.00	265.47	265.47
DISCCART	317323.00	4148147.00	274.84	274.84
DISCCART	317323.00	4149147.00	278.83	278.83
DISCCART	317323.00	4150147.00	287.39	287.39
DISCCART	317323.00	4151147.00	286.43	286.43
DISCCART	317323.00	4152147.00	283.28	283.28
DISCCART	317323.00	4153147.00	277.61	277.61
DISCCART	317323.00	4154147.00	283.41	283.41
DISCCART	317323.00	4155147.00	284.03	284.03
DISCCART	317323.00	4156147.00	287.27	287.27
DISCCART	317323.00	4157147.00	283.73	283.73
DISCCART	317323.00	4158147.00	276.58	276.58
DISCCART	317323.00	4159147.00	271.31	271.31
DISCCART	317323.00	4160147.00	277.13	277.13
DISCCART	317323.00	4161147.00	276.61	276.61
DISCCART	317323.00	4162147.00	281.59	281.59
DISCCART	317323.00	4163147.00	273.07	273.07
DISCCART	317323.00	4164147.00	282.89	282.89
DISCCART	317323.00	4165147.00	286.65	286.65
DISCCART	317323.00	4166147.00	289.28	289.28
DISCCART	317323.00	4167147.00	290.79	290.79
DISCCART	317323.00	4168147.00	291.49	291.49
DISCCART	317323.00	4169147.00	297.32	297.32
DISCCART	317323.00	4170147.00	315.11	315.11
DISCCART	317323.00	4171147.00	326.53	326.53
DISCCART	317323.00	4172147.00	321.02	321.02
DISCCART	317323.00	4173147.00	310.58	310.58
DISCCART	317323.00	4174147.00	313.64	313.64
DISCCART	317323.00	4175147.00	312.46	312.46
DISCCART	317323.00	4176147.00	308.37	308.37
DISCCART	317323.00	4177147.00	310.40	310.40
DISCCART	317323.00	4178147.00	317.79	317.79
DISCCART	317323.00	4179147.00	328.10	328.10
DISCCART	317323.00	4180147.00	336.94	336.94
DISCCART	317323.00	4181147.00	328.28	328.28
DISCCART	317323.00	4182147.00	314.72	314.72



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	317323.00	4183147.00	318.45	318.45
DISCCART	317323.00	4184147.00	300.41	300.41
DISCCART	317323.00	4185147.00	304.71	306.55
DISCCART	317323.00	4186147.00	309.61	309.61
DISCCART	316323.00	4126147.00	261.73	261.73
DISCCART	316323.00	4127147.00	257.74	257.74
DISCCART	316323.00	4128147.00	269.33	269.33
DISCCART	316323.00	4129147.00	265.98	265.98
DISCCART	316323.00	4130147.00	266.15	266.15
DISCCART	316323.00	4131147.00	267.86	267.86
DISCCART	316323.00	4132147.00	262.02	262.02
DISCCART	316323.00	4133147.00	267.75	267.75
DISCCART	316323.00	4134147.00	262.49	262.49
DISCCART	316323.00	4135147.00	265.31	265.31
DISCCART	316323.00	4136147.00	265.44	265.44
DISCCART	316323.00	4137147.00	259.00	259.00
DISCCART	316323.00	4138147.00	265.73	265.73
DISCCART	316323.00	4139147.00	260.04	260.04
DISCCART	316323.00	4140147.00	262.38	262.38
DISCCART	316323.00	4141147.00	270.69	270.69
DISCCART	316323.00	4142147.00	269.08	269.08
DISCCART	316323.00	4143147.00	265.15	265.15
DISCCART	316323.00	4144147.00	259.57	259.57
DISCCART	316323.00	4145147.00	269.14	269.14
DISCCART	316323.00	4146147.00	266.97	266.97
DISCCART	316323.00	4147147.00	274.27	274.27
DISCCART	316323.00	4148147.00	275.85	275.85
DISCCART	316323.00	4149147.00	283.86	283.86
DISCCART	316323.00	4150147.00	284.64	284.64
DISCCART	316323.00	4151147.00	285.31	285.31
DISCCART	316323.00	4152147.00	277.73	277.73
DISCCART	316323.00	4153147.00	280.21	280.21
DISCCART	316323.00	4154147.00	286.30	286.30
DISCCART	316323.00	4155147.00	278.06	278.06
DISCCART	316323.00	4156147.00	286.14	286.14
DISCCART	316323.00	4157147.00	288.65	288.65
DISCCART	316323.00	4158147.00	277.58	277.58
DISCCART	316323.00	4159147.00	268.58	268.58
DISCCART	316323.00	4160147.00	277.17	277.17
DISCCART	316323.00	4161147.00	271.61	271.61
DISCCART	316323.00	4162147.00	274.25	274.25
DISCCART	316323.00	4163147.00	281.70	281.70
DISCCART	316323.00	4164147.00	280.77	280.77
DISCCART	316323.00	4165147.00	280.92	280.92
DISCCART	316323.00	4166147.00	285.71	285.71
DISCCART	316323.00	4167147.00	291.42	291.42
DISCCART	316323.00	4168147.00	299.78	299.78
DISCCART	316323.00	4169147.00	321.26	321.26
DISCCART	316323.00	4170147.00	312.74	312.74
DISCCART	316323.00	4171147.00	313.34	313.34
DISCCART	316323.00	4172147.00	308.49	308.49
DISCCART	316323.00	4173147.00	296.17	296.17
DISCCART	316323.00	4174147.00	308.74	308.74
DISCCART	316323.00	4175147.00	303.89	303.89
DISCCART	316323.00	4176147.00	308.71	308.71
DISCCART	316323.00	4177147.00	315.58	315.58
DISCCART	316323.00	4178147.00	328.45	328.45
DISCCART	316323.00	4179147.00	332.97	332.97
DISCCART	316323.00	4180147.00	330.36	330.36
DISCCART	316323.00	4181147.00	327.61	327.61
DISCCART	316323.00	4182147.00	317.26	317.26
DISCCART	316323.00	4183147.00	298.70	298.70
DISCCART	316323.00	4184147.00	317.13	317.13
DISCCART	316323.00	4185147.00	324.67	324.67
DISCCART	316323.00	4186147.00	307.11	307.11
DISCCART	315323.00	4126147.00	254.84	254.84
DISCCART	315323.00	4127147.00	256.01	256.01
DISCCART	315323.00	4128147.00	259.39	259.39
DISCCART	315323.00	4129147.00	254.97	254.97
DISCCART	315323.00	4130147.00	253.04	253.04

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	315323.00	4131147.00	253.10	253.10
DISCCART	315323.00	4132147.00	253.10	253.10
DISCCART	315323.00	4133147.00	253.69	253.69
DISCCART	315323.00	4134147.00	256.03	256.03
DISCCART	315323.00	4135147.00	260.73	260.73
DISCCART	315323.00	4136147.00	259.75	259.75
DISCCART	315323.00	4137147.00	259.39	259.39
DISCCART	315323.00	4138147.00	260.18	260.18
DISCCART	315323.00	4139147.00	259.65	259.65
DISCCART	315323.00	4140147.00	258.33	258.33
DISCCART	315323.00	4141147.00	259.72	259.72
DISCCART	315323.00	4142147.00	259.99	259.99
DISCCART	315323.00	4143147.00	259.30	259.30
DISCCART	315323.00	4144147.00	265.66	265.66
DISCCART	315323.00	4145147.00	271.83	271.83
DISCCART	315323.00	4146147.00	274.02	274.02
DISCCART	315323.00	4147147.00	278.52	278.52
DISCCART	315323.00	4148147.00	285.11	285.11
DISCCART	315323.00	4149147.00	282.77	282.77
DISCCART	315323.00	4150147.00	274.43	274.43
DISCCART	315323.00	4151147.00	283.59	283.59
DISCCART	315323.00	4152147.00	274.89	274.89
DISCCART	315323.00	4153147.00	280.51	280.51
DISCCART	315323.00	4154147.00	280.60	280.60
DISCCART	315323.00	4155147.00	277.06	277.06
DISCCART	315323.00	4156147.00	278.76	278.76
DISCCART	315323.00	4157147.00	286.16	286.16
DISCCART	315323.00	4158147.00	279.95	279.95
DISCCART	315323.00	4159147.00	271.42	271.42
DISCCART	315323.00	4160147.00	268.60	268.60
DISCCART	315323.00	4161147.00	284.58	284.58
DISCCART	315323.00	4162147.00	283.78	283.78
DISCCART	315323.00	4163147.00	281.08	281.08
DISCCART	315323.00	4164147.00	286.66	286.66
DISCCART	315323.00	4165147.00	284.72	284.72
DISCCART	315323.00	4166147.00	291.99	291.99
DISCCART	315323.00	4167147.00	294.02	294.02
DISCCART	315323.00	4168147.00	309.00	309.00
DISCCART	315323.00	4169147.00	309.34	309.34
DISCCART	315323.00	4170147.00	303.48	303.48
DISCCART	315323.00	4171147.00	308.32	308.32
DISCCART	315323.00	4172147.00	301.37	301.37
DISCCART	315323.00	4173147.00	291.38	291.38
DISCCART	315323.00	4174147.00	293.94	293.94
DISCCART	315323.00	4175147.00	302.51	302.51
DISCCART	315323.00	4176147.00	311.70	311.70
DISCCART	315323.00	4177147.00	323.40	323.40
DISCCART	315323.00	4178147.00	334.01	334.01
DISCCART	315323.00	4179147.00	334.74	334.74
DISCCART	315323.00	4180147.00	330.08	330.08
DISCCART	315323.00	4181147.00	326.39	326.39
DISCCART	315323.00	4182147.00	320.82	320.82
DISCCART	315323.00	4183147.00	320.41	320.41
DISCCART	315323.00	4184147.00	329.02	329.02
DISCCART	315323.00	4185147.00	314.82	314.82
DISCCART	315323.00	4186147.00	314.19	314.19
DISCCART	314323.00	4126147.00	256.13	256.13
DISCCART	314323.00	4127147.00	253.44	253.44
DISCCART	314323.00	4128147.00	253.10	253.10
DISCCART	314323.00	4129147.00	253.10	253.10
DISCCART	314323.00	4130147.00	254.35	254.35
DISCCART	314323.00	4131147.00	253.11	253.11
DISCCART	314323.00	4132147.00	253.23	253.23
DISCCART	314323.00	4133147.00	253.36	253.36
DISCCART	314323.00	4134147.00	255.08	255.08
DISCCART	314323.00	4135147.00	259.25	259.25
DISCCART	314323.00	4136147.00	260.18	260.18
DISCCART	314323.00	4137147.00	257.63	257.63
DISCCART	314323.00	4138147.00	256.15	256.15
DISCCART	314323.00	4139147.00	256.15	256.15

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	314323.00	4140147.00	256.15	256.15
DISCCART	314323.00	4141147.00	258.37	258.37
DISCCART	314323.00	4142147.00	258.96	258.96
DISCCART	314323.00	4143147.00	268.28	268.28
DISCCART	314323.00	4144147.00	267.40	267.40
DISCCART	314323.00	4145147.00	265.49	265.49
DISCCART	314323.00	4146147.00	267.69	267.69
DISCCART	314323.00	4147147.00	279.96	279.96
DISCCART	314323.00	4148147.00	272.61	272.61
DISCCART	314323.00	4149147.00	274.46	274.46
DISCCART	314323.00	4150147.00	268.20	268.20
DISCCART	314323.00	4151147.00	279.08	279.08
DISCCART	314323.00	4152147.00	271.58	271.58
DISCCART	314323.00	4153147.00	281.00	281.00
DISCCART	314323.00	4154147.00	277.52	277.52
DISCCART	314323.00	4155147.00	275.04	275.04
DISCCART	314323.00	4156147.00	283.67	283.67
DISCCART	314323.00	4157147.00	277.02	277.02
DISCCART	314323.00	4158147.00	277.49	277.49
DISCCART	314323.00	4159147.00	271.81	271.81
DISCCART	314323.00	4160147.00	267.69	267.69
DISCCART	314323.00	4161147.00	282.00	282.00
DISCCART	314323.00	4162147.00	286.51	286.51
DISCCART	314323.00	4163147.00	283.75	283.75
DISCCART	314323.00	4164147.00	283.95	283.95
DISCCART	314323.00	4165147.00	288.84	288.84
DISCCART	314323.00	4166147.00	310.07	310.07
DISCCART	314323.00	4167147.00	292.19	292.19
DISCCART	314323.00	4168147.00	287.53	287.53
DISCCART	314323.00	4169147.00	288.75	288.75
DISCCART	314323.00	4170147.00	283.81	283.81
DISCCART	314323.00	4171147.00	302.33	302.33
DISCCART	314323.00	4172147.00	283.90	283.90
DISCCART	314323.00	4173147.00	296.67	296.67
DISCCART	314323.00	4174147.00	303.32	303.32
DISCCART	314323.00	4175147.00	306.06	306.06
DISCCART	314323.00	4176147.00	323.14	323.14
DISCCART	314323.00	4177147.00	318.52	318.52
DISCCART	314323.00	4178147.00	322.74	322.74
DISCCART	314323.00	4179147.00	322.88	322.88
DISCCART	314323.00	4180147.00	327.55	327.55
DISCCART	314323.00	4181147.00	324.26	324.26
DISCCART	314323.00	4182147.00	326.01	326.01
DISCCART	314323.00	4183147.00	326.61	326.61
DISCCART	314323.00	4184147.00	322.59	322.59
DISCCART	314323.00	4185147.00	324.04	324.04
DISCCART	314323.00	4186147.00	297.29	314.05
DISCCART	313323.00	4126147.00	253.75	253.75
DISCCART	313323.00	4127147.00	250.06	250.06
DISCCART	313323.00	4128147.00	250.50	250.50
DISCCART	313323.00	4129147.00	253.10	253.10
DISCCART	313323.00	4130147.00	253.12	253.12
DISCCART	313323.00	4131147.00	253.20	253.20
DISCCART	313323.00	4132147.00	253.19	253.19
DISCCART	313323.00	4133147.00	254.32	254.32
DISCCART	313323.00	4134147.00	256.03	256.03
DISCCART	313323.00	4135147.00	253.85	253.85
DISCCART	313323.00	4136147.00	254.02	254.02
DISCCART	313323.00	4137147.00	253.57	253.57
DISCCART	313323.00	4138147.00	255.41	255.41
DISCCART	313323.00	4139147.00	256.15	256.15
DISCCART	313323.00	4140147.00	256.15	256.15
DISCCART	313323.00	4141147.00	257.67	257.67
DISCCART	313323.00	4142147.00	259.20	259.20
DISCCART	313323.00	4143147.00	261.19	261.19
DISCCART	313323.00	4144147.00	259.07	259.07
DISCCART	313323.00	4145147.00	262.34	262.34
DISCCART	313323.00	4146147.00	262.09	262.09
DISCCART	313323.00	4147147.00	272.84	272.84
DISCCART	313323.00	4148147.00	270.95	270.95

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	313323.00	4149147.00	273.24	273.24
DISCCART	313323.00	4150147.00	265.68	265.68
DISCCART	313323.00	4151147.00	261.83	268.37
DISCCART	313323.00	4152147.00	274.62	274.62
DISCCART	313323.00	4153147.00	281.18	281.18
DISCCART	313323.00	4154147.00	265.24	265.24
DISCCART	313323.00	4155147.00	275.38	275.38
DISCCART	313323.00	4156147.00	276.69	276.69
DISCCART	313323.00	4157147.00	279.84	279.84
DISCCART	313323.00	4158147.00	276.03	276.03
DISCCART	313323.00	4159147.00	265.61	265.61
DISCCART	313323.00	4160147.00	273.46	273.46
DISCCART	313323.00	4161147.00	278.58	278.58
DISCCART	313323.00	4162147.00	277.93	277.93
DISCCART	313323.00	4163147.00	278.88	278.88
DISCCART	313323.00	4164147.00	284.59	284.59
DISCCART	313323.00	4165147.00	286.24	286.24
DISCCART	313323.00	4166147.00	291.18	291.18
DISCCART	313323.00	4167147.00	280.72	280.72
DISCCART	313323.00	4168147.00	281.16	281.16
DISCCART	313323.00	4169147.00	280.47	280.47
DISCCART	313323.00	4170147.00	280.82	280.82
DISCCART	313323.00	4171147.00	284.68	284.68
DISCCART	313323.00	4172147.00	287.40	287.40
DISCCART	313323.00	4173147.00	295.62	295.62
DISCCART	313323.00	4174147.00	310.80	310.80
DISCCART	313323.00	4175147.00	323.49	323.49
DISCCART	313323.00	4176147.00	315.46	315.46
DISCCART	313323.00	4177147.00	319.50	319.50
DISCCART	313323.00	4178147.00	321.78	321.78
DISCCART	313323.00	4179147.00	319.33	319.33
DISCCART	313323.00	4180147.00	321.22	321.22
DISCCART	313323.00	4181147.00	327.00	327.00
DISCCART	313323.00	4182147.00	320.25	320.25
DISCCART	313323.00	4183147.00	326.78	326.78
DISCCART	313323.00	4184147.00	316.09	316.09
DISCCART	313323.00	4185147.00	307.82	307.82
DISCCART	313323.00	4186147.00	308.84	308.84
DISCCART	312323.00	4126147.00	249.57	249.57
DISCCART	312323.00	4127147.00	250.59	250.59
DISCCART	312323.00	4128147.00	250.15	250.15
DISCCART	312323.00	4129147.00	259.82	259.82
DISCCART	312323.00	4130147.00	259.16	259.16
DISCCART	312323.00	4131147.00	263.59	263.59
DISCCART	312323.00	4132147.00	264.49	264.49
DISCCART	312323.00	4133147.00	265.44	265.44
DISCCART	312323.00	4134147.00	253.35	253.35
DISCCART	312323.00	4135147.00	255.15	255.15
DISCCART	312323.00	4136147.00	255.22	255.22
DISCCART	312323.00	4137147.00	254.93	254.93
DISCCART	312323.00	4138147.00	253.44	253.44
DISCCART	312323.00	4139147.00	253.89	253.89
DISCCART	312323.00	4140147.00	256.15	256.15
DISCCART	312323.00	4141147.00	257.22	257.22
DISCCART	312323.00	4142147.00	259.49	259.49
DISCCART	312323.00	4143147.00	259.28	259.28
DISCCART	312323.00	4144147.00	257.97	257.97
DISCCART	312323.00	4145147.00	259.48	259.48
DISCCART	312323.00	4146147.00	259.33	259.33
DISCCART	312323.00	4147147.00	261.11	261.11
DISCCART	312323.00	4148147.00	268.95	268.95
DISCCART	312323.00	4149147.00	265.33	265.33
DISCCART	312323.00	4150147.00	260.11	260.11
DISCCART	312323.00	4151147.00	263.00	263.00
DISCCART	312323.00	4152147.00	265.64	265.64
DISCCART	312323.00	4153147.00	273.30	273.30
DISCCART	312323.00	4154147.00	270.02	270.02
DISCCART	312323.00	4155147.00	277.27	277.27
DISCCART	312323.00	4156147.00	274.59	274.59
DISCCART	312323.00	4157147.00	282.19	282.19

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	312323.00	4158147.00	274.93	274.93
DISCCART	312323.00	4159147.00	265.24	265.24
DISCCART	312323.00	4160147.00	267.12	267.12
DISCCART	312323.00	4161147.00	278.17	278.17
DISCCART	312323.00	4162147.00	271.15	271.15
DISCCART	312323.00	4163147.00	278.64	278.64
DISCCART	312323.00	4164147.00	279.51	279.51
DISCCART	312323.00	4165147.00	280.51	280.51
DISCCART	312323.00	4166147.00	275.39	275.39
DISCCART	312323.00	4167147.00	274.68	274.68
DISCCART	312323.00	4168147.00	277.54	277.54
DISCCART	312323.00	4169147.00	283.74	283.74
DISCCART	312323.00	4170147.00	297.84	297.84
DISCCART	312323.00	4171147.00	291.38	291.38
DISCCART	312323.00	4172147.00	295.01	295.01
DISCCART	312323.00	4173147.00	312.25	312.25
DISCCART	312323.00	4174147.00	325.66	325.66
DISCCART	312323.00	4175147.00	312.32	312.32
DISCCART	312323.00	4176147.00	306.07	306.07
DISCCART	312323.00	4177147.00	306.41	306.41
DISCCART	312323.00	4178147.00	318.83	318.83
DISCCART	312323.00	4179147.00	320.56	320.56
DISCCART	312323.00	4180147.00	321.24	321.24
DISCCART	312323.00	4181147.00	320.92	320.92
DISCCART	312323.00	4182147.00	318.88	318.88
DISCCART	312323.00	4183147.00	323.61	323.61
DISCCART	312323.00	4184147.00	317.72	317.72
DISCCART	312323.00	4185147.00	319.30	319.30
DISCCART	312323.00	4186147.00	306.41	306.41
DISCCART	311323.00	4126147.00	256.11	256.11
DISCCART	311323.00	4127147.00	259.78	259.78
DISCCART	311323.00	4128147.00	256.32	256.32
DISCCART	311323.00	4129147.00	258.32	258.32
DISCCART	311323.00	4130147.00	263.49	263.49
DISCCART	311323.00	4131147.00	265.26	265.26
DISCCART	311323.00	4132147.00	263.89	263.89
DISCCART	311323.00	4133147.00	255.64	255.64
DISCCART	311323.00	4134147.00	257.12	257.12
DISCCART	311323.00	4135147.00	260.31	260.31
DISCCART	311323.00	4136147.00	253.12	253.12
DISCCART	311323.00	4137147.00	253.52	253.52
DISCCART	311323.00	4138147.00	255.58	255.58
DISCCART	311323.00	4139147.00	266.25	266.25
DISCCART	311323.00	4140147.00	261.17	261.17
DISCCART	311323.00	4141147.00	256.16	256.16
DISCCART	311323.00	4142147.00	258.29	258.29
DISCCART	311323.00	4143147.00	256.64	256.64
DISCCART	311323.00	4144147.00	256.92	256.92
DISCCART	311323.00	4145147.00	257.89	257.89
DISCCART	311323.00	4146147.00	259.62	259.62
DISCCART	311323.00	4147147.00	259.94	259.94
DISCCART	311323.00	4148147.00	257.74	257.74
DISCCART	311323.00	4149147.00	259.44	259.44
DISCCART	311323.00	4150147.00	261.17	261.17
DISCCART	311323.00	4151147.00	261.34	261.34
DISCCART	311323.00	4152147.00	261.34	261.34
DISCCART	311323.00	4153147.00	262.50	262.50
DISCCART	311323.00	4154147.00	265.04	265.04
DISCCART	311323.00	4155147.00	268.57	268.57
DISCCART	311323.00	4156147.00	278.46	278.46
DISCCART	311323.00	4157147.00	271.75	271.75
DISCCART	311323.00	4158147.00	269.07	271.85
DISCCART	311323.00	4159147.00	266.24	266.24
DISCCART	311323.00	4160147.00	265.25	265.25
DISCCART	311323.00	4161147.00	265.26	265.26
DISCCART	311323.00	4162147.00	270.09	270.09
DISCCART	311323.00	4163147.00	269.56	269.56
DISCCART	311323.00	4164147.00	271.39	271.39
DISCCART	311323.00	4165147.00	276.05	276.05
DISCCART	311323.00	4166147.00	277.65	277.65

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	311323.00	4167147.00	282.67	282.67
DISCCART	311323.00	4168147.00	287.40	287.40
DISCCART	311323.00	4169147.00	293.27	293.27
DISCCART	311323.00	4170147.00	304.60	304.60
DISCCART	311323.00	4171147.00	297.32	297.32
DISCCART	311323.00	4172147.00	306.48	306.48
DISCCART	311323.00	4173147.00	317.94	317.94
DISCCART	311323.00	4174147.00	321.52	321.52
DISCCART	311323.00	4175147.00	313.05	313.05
DISCCART	311323.00	4176147.00	303.46	303.46
DISCCART	311323.00	4177147.00	317.32	317.32
DISCCART	311323.00	4178147.00	316.27	316.27
DISCCART	311323.00	4179147.00	320.32	320.32
DISCCART	311323.00	4180147.00	317.54	317.54
DISCCART	311323.00	4181147.00	315.73	315.73
DISCCART	311323.00	4182147.00	317.39	317.39
DISCCART	311323.00	4183147.00	317.29	317.29
DISCCART	311323.00	4184147.00	320.45	320.45
DISCCART	311323.00	4185147.00	316.90	316.90
DISCCART	311323.00	4186147.00	314.32	314.32
DISCCART	310323.00	4126147.00	265.16	265.16
DISCCART	310323.00	4127147.00	259.17	259.17
DISCCART	310323.00	4128147.00	259.82	259.82
DISCCART	310323.00	4129147.00	256.11	256.11
DISCCART	310323.00	4130147.00	259.64	259.64
DISCCART	310323.00	4131147.00	262.63	262.63
DISCCART	310323.00	4132147.00	273.11	273.11
DISCCART	310323.00	4133147.00	256.77	256.77
DISCCART	310323.00	4134147.00	259.50	259.50
DISCCART	310323.00	4135147.00	258.94	258.94
DISCCART	310323.00	4136147.00	267.44	267.44
DISCCART	310323.00	4137147.00	255.97	255.97
DISCCART	310323.00	4138147.00	257.83	257.83
DISCCART	310323.00	4139147.00	265.50	265.50
DISCCART	310323.00	4140147.00	260.18	260.18
DISCCART	310323.00	4141147.00	256.60	256.60
DISCCART	310323.00	4142147.00	256.17	256.17
DISCCART	310323.00	4143147.00	255.97	255.97
DISCCART	310323.00	4144147.00	257.50	257.50
DISCCART	310323.00	4145147.00	257.60	257.60
DISCCART	310323.00	4146147.00	255.82	255.82
DISCCART	310323.00	4147147.00	259.43	259.43
DISCCART	310323.00	4148147.00	259.95	259.95
DISCCART	310323.00	4149147.00	257.98	257.98
DISCCART	310323.00	4150147.00	263.96	263.96
DISCCART	310323.00	4151147.00	261.42	261.42
DISCCART	310323.00	4152147.00	263.46	263.46
DISCCART	310323.00	4153147.00	262.29	262.29
DISCCART	310323.00	4154147.00	264.67	264.67
DISCCART	310323.00	4155147.00	264.18	264.18
DISCCART	310323.00	4156147.00	262.20	262.20
DISCCART	310323.00	4157147.00	269.10	269.10
DISCCART	310323.00	4158147.00	271.46	271.46
DISCCART	310323.00	4159147.00	275.81	275.81
DISCCART	310323.00	4160147.00	280.83	280.83
DISCCART	310323.00	4161147.00	278.49	278.49
DISCCART	310323.00	4162147.00	273.76	273.76
DISCCART	310323.00	4163147.00	281.15	281.15
DISCCART	310323.00	4164147.00	277.59	277.59
DISCCART	310323.00	4165147.00	280.69	280.69
DISCCART	310323.00	4166147.00	277.62	277.62
DISCCART	310323.00	4167147.00	281.24	281.24
DISCCART	310323.00	4168147.00	287.88	287.88
DISCCART	310323.00	4169147.00	310.72	310.72
DISCCART	310323.00	4170147.00	318.91	318.91
DISCCART	310323.00	4171147.00	309.00	309.00
DISCCART	310323.00	4172147.00	318.98	318.98
DISCCART	310323.00	4173147.00	305.51	305.51
DISCCART	310323.00	4174147.00	320.32	320.32
DISCCART	310323.00	4175147.00	303.85	303.85

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	310323.00	4176147.00	312.16	312.16
DISCCART	310323.00	4177147.00	314.63	314.63
DISCCART	310323.00	4178147.00	323.32	323.32
DISCCART	310323.00	4179147.00	313.76	313.76
DISCCART	310323.00	4180147.00	317.94	317.94
DISCCART	310323.00	4181147.00	316.02	316.02
DISCCART	310323.00	4182147.00	311.49	311.49
DISCCART	310323.00	4183147.00	319.35	319.35
DISCCART	310323.00	4184147.00	317.60	317.60
DISCCART	310323.00	4185147.00	321.64	321.64
DISCCART	310323.00	4186147.00	331.31	331.31
DISCCART	309323.00	4126147.00	275.48	275.48
DISCCART	309323.00	4127147.00	269.63	269.63
DISCCART	309323.00	4128147.00	263.42	263.42
DISCCART	309323.00	4129147.00	261.20	261.20
DISCCART	309323.00	4130147.00	261.87	261.87
DISCCART	309323.00	4131147.00	266.00	266.00
DISCCART	309323.00	4132147.00	269.45	269.45
DISCCART	309323.00	4133147.00	262.51	262.51
DISCCART	309323.00	4134147.00	271.82	271.82
DISCCART	309323.00	4135147.00	265.94	268.83
DISCCART	309323.00	4136147.00	271.21	271.21
DISCCART	309323.00	4137147.00	270.75	270.75
DISCCART	309323.00	4138147.00	268.65	268.65
DISCCART	309323.00	4139147.00	271.65	271.65
DISCCART	309323.00	4140147.00	258.68	258.68
DISCCART	309323.00	4141147.00	257.72	257.72
DISCCART	309323.00	4142147.00	258.71	258.71
DISCCART	309323.00	4143147.00	256.16	256.16
DISCCART	309323.00	4144147.00	259.01	259.01
DISCCART	309323.00	4145147.00	259.21	259.21
DISCCART	309323.00	4146147.00	261.03	261.03
DISCCART	309323.00	4147147.00	259.18	259.18
DISCCART	309323.00	4148147.00	260.36	260.36
DISCCART	309323.00	4149147.00	255.79	259.72
DISCCART	309323.00	4150147.00	262.44	262.44
DISCCART	309323.00	4151147.00	263.83	263.83
DISCCART	309323.00	4152147.00	254.89	262.08
DISCCART	309323.00	4153147.00	263.42	263.42
DISCCART	309323.00	4154147.00	265.58	265.58
DISCCART	309323.00	4155147.00	262.46	262.46
DISCCART	309323.00	4156147.00	270.72	270.72
DISCCART	309323.00	4157147.00	271.40	271.40
DISCCART	309323.00	4158147.00	271.60	271.60
DISCCART	309323.00	4159147.00	274.70	274.70
DISCCART	309323.00	4160147.00	277.75	277.75
DISCCART	309323.00	4161147.00	283.10	283.10
DISCCART	309323.00	4162147.00	288.96	288.96
DISCCART	309323.00	4163147.00	288.99	288.99
DISCCART	309323.00	4164147.00	296.79	296.79
DISCCART	309323.00	4165147.00	299.40	299.40
DISCCART	309323.00	4166147.00	288.12	288.12
DISCCART	309323.00	4167147.00	287.68	287.68
DISCCART	309323.00	4168147.00	301.25	301.25
DISCCART	309323.00	4169147.00	306.73	306.73
DISCCART	309323.00	4170147.00	317.59	317.59
DISCCART	309323.00	4171147.00	317.29	317.29
DISCCART	309323.00	4172147.00	319.74	319.74
DISCCART	309323.00	4173147.00	303.09	304.85
DISCCART	309323.00	4174147.00	307.67	307.67
DISCCART	309323.00	4175147.00	294.87	294.87
DISCCART	309323.00	4176147.00	312.19	312.19
DISCCART	309323.00	4177147.00	317.55	317.55
DISCCART	309323.00	4178147.00	320.64	320.64
DISCCART	309323.00	4179147.00	310.29	310.29
DISCCART	309323.00	4180147.00	314.42	314.42
DISCCART	309323.00	4181147.00	302.81	302.81
DISCCART	309323.00	4182147.00	314.13	314.13
DISCCART	309323.00	4183147.00	313.36	313.36
DISCCART	309323.00	4184147.00	316.11	316.11

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	309323.00	4185147.00	326.12	326.12
DISCCART	309323.00	4186147.00	321.02	321.02
DISCCART	358937.15	4138043.87	284.82	284.82
DISCCART	360574.41	4137952.91	287.80	287.80
DISCCART	360551.67	4137554.97	285.17	285.17
DISCCART	359772.84	4137589.08	284.85	293.28
DISCCART	359750.10	4137202.50	284.20	290.12
DISCCART	360528.93	4137151.34	284.52	284.52
DISCCART	360466.40	4135536.82	279.84	279.84
DISCCART	359238.46	4135605.04	288.36	288.36
DISCCART	359210.03	4134797.78	290.31	290.31
DISCCART	358812.09	4134820.52	289.00	289.00
DISCCART	358986.76	4138041.11	286.43	286.43
DISCCART	359036.38	4138038.36	286.75	286.75
DISCCART	359085.99	4138035.60	287.62	287.62
DISCCART	359135.61	4138032.84	288.72	288.72
DISCCART	359185.22	4138030.09	290.00	290.00
DISCCART	359234.83	4138027.33	290.67	290.67
DISCCART	359284.45	4138024.57	291.85	291.85
DISCCART	359334.06	4138021.82	292.28	292.28
DISCCART	359383.68	4138019.06	291.67	291.67
DISCCART	359433.29	4138016.31	290.71	290.71
DISCCART	359482.90	4138013.55	289.76	289.76
DISCCART	359532.52	4138010.79	291.38	291.38
DISCCART	359582.13	4138008.04	291.59	291.59
DISCCART	359631.75	4138005.28	291.63	291.63
DISCCART	359681.36	4138002.52	291.43	291.43
DISCCART	359730.97	4137999.77	290.68	290.68
DISCCART	359780.59	4137997.01	290.57	290.57
DISCCART	359830.20	4137994.25	291.73	291.73
DISCCART	359879.81	4137991.50	292.07	292.07
DISCCART	359929.43	4137988.74	291.22	291.22
DISCCART	359979.04	4137985.99	290.34	290.34
DISCCART	360028.66	4137983.23	289.54	289.54
DISCCART	360078.27	4137980.47	288.83	288.83
DISCCART	360127.88	4137977.72	288.21	288.21
DISCCART	360177.50	4137974.96	287.60	287.60
DISCCART	360227.11	4137972.21	286.96	286.96
DISCCART	360276.73	4137969.45	286.41	286.41
DISCCART	360326.34	4137966.69	285.77	285.77
DISCCART	360375.95	4137963.93	284.83	284.83
DISCCART	360425.57	4137961.18	284.37	284.37
DISCCART	360475.18	4137958.42	285.38	285.38
DISCCART	360524.80	4137955.67	286.46	286.46
DISCCART	360571.57	4137903.17	287.19	287.19
DISCCART	360568.73	4137853.42	286.52	286.52
DISCCART	360565.88	4137803.68	286.07	286.07
DISCCART	360563.04	4137753.94	285.91	285.91
DISCCART	360560.20	4137704.20	285.83	285.83
DISCCART	360557.35	4137654.45	285.73	285.73
DISCCART	360554.51	4137604.71	285.55	285.55
DISCCART	360502.99	4137557.10	284.47	284.47
DISCCART	360454.32	4137559.23	283.73	283.73
DISCCART	360405.64	4137561.37	283.60	283.60
DISCCART	360356.96	4137563.50	284.22	284.22
DISCCART	360308.29	4137565.63	284.96	284.96
DISCCART	360259.61	4137567.76	285.57	285.57
DISCCART	360210.93	4137569.89	285.92	285.92
DISCCART	360162.26	4137572.02	286.22	286.22
DISCCART	360113.58	4137574.16	287.33	287.33
DISCCART	360064.90	4137576.29	287.99	290.02
DISCCART	360016.22	4137578.42	284.82	287.22
DISCCART	359967.55	4137580.55	287.79	287.79
DISCCART	359918.87	4137582.68	289.29	289.29
DISCCART	359870.19	4137584.82	290.24	290.24
DISCCART	359821.52	4137586.95	292.52	292.52
DISCCART	359770.00	4137540.76	284.72	293.28
DISCCART	359767.15	4137492.43	284.67	293.27
DISCCART	359764.31	4137444.11	284.38	292.99
DISCCART	359761.47	4137395.79	284.22	292.92



## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	359758.63	4137347.47	284.21	292.77
DISCCART	359755.79	4137299.15	284.20	291.14
DISCCART	359752.94	4137250.82	284.20	290.39
DISCCART	359798.78	4137199.30	290.03	290.03
DISCCART	359847.45	4137196.10	289.68	289.68
DISCCART	359896.13	4137192.91	289.71	289.71
DISCCART	359944.81	4137189.71	289.75	289.75
DISCCART	359993.48	4137186.51	290.64	290.64
DISCCART	360042.16	4137183.31	286.14	290.92
DISCCART	360090.84	4137180.12	286.81	291.71
DISCCART	360139.52	4137176.92	290.54	290.54
DISCCART	360188.19	4137173.72	287.74	287.74
DISCCART	360236.87	4137170.52	285.80	285.80
DISCCART	360285.55	4137167.33	284.33	284.33
DISCCART	360334.22	4137164.13	283.31	283.31
DISCCART	360382.90	4137160.93	283.49	283.49
DISCCART	360431.58	4137157.73	283.80	283.80
DISCCART	360480.25	4137154.54	284.28	284.28
DISCCART	360527.04	4137102.41	284.32	284.32
DISCCART	360525.14	4137053.49	284.03	284.03
DISCCART	360523.25	4137004.56	283.65	283.65
DISCCART	360521.35	4136955.64	283.34	283.34
DISCCART	360519.46	4136906.72	282.88	282.88
DISCCART	360517.56	4136857.79	283.53	283.53
DISCCART	360515.67	4136808.87	283.63	283.63
DISCCART	360513.77	4136759.94	283.72	283.72
DISCCART	360511.88	4136711.02	283.81	283.81
DISCCART	360509.98	4136662.09	283.81	283.81
DISCCART	360508.09	4136613.17	283.73	283.73
DISCCART	360506.19	4136564.24	283.31	283.31
DISCCART	360504.30	4136515.32	282.64	282.64
DISCCART	360502.40	4136466.39	281.99	281.99
DISCCART	360500.51	4136417.47	281.90	281.90
DISCCART	360498.61	4136368.54	282.51	282.51
DISCCART	360496.72	4136319.62	282.89	282.89
DISCCART	360494.82	4136270.69	283.02	283.02
DISCCART	360492.93	4136221.77	282.98	282.98
DISCCART	360491.03	4136172.84	282.69	282.69
DISCCART	360489.14	4136123.92	282.33	282.33
DISCCART	360487.24	4136074.99	281.74	281.74
DISCCART	360485.35	4136026.07	281.11	281.11
DISCCART	360483.45	4135977.14	280.51	280.51
DISCCART	360481.56	4135928.22	280.51	280.51
DISCCART	360479.66	4135879.29	280.80	280.80
DISCCART	360477.77	4135830.37	281.20	281.20
DISCCART	360475.87	4135781.44	281.22	281.22
DISCCART	360473.98	4135732.52	281.12	281.12
DISCCART	360472.08	4135683.59	281.07	281.07
DISCCART	360470.19	4135634.67	280.85	280.85
DISCCART	360468.29	4135585.75	280.23	280.23
DISCCART	360417.28	4135539.55	278.66	278.66
DISCCART	360368.16	4135542.28	277.54	277.54
DISCCART	360319.05	4135545.01	278.30	278.30
DISCCART	360269.93	4135547.73	279.27	279.27
DISCCART	360220.81	4135550.46	279.95	279.95
DISCCART	360171.69	4135553.19	280.52	280.52
DISCCART	360122.58	4135555.92	280.77	280.77
DISCCART	360073.46	4135558.65	280.85	280.85
DISCCART	360024.34	4135561.38	280.52	280.52
DISCCART	359975.22	4135564.11	281.08	281.08
DISCCART	359926.11	4135566.84	281.56	281.56
DISCCART	359876.99	4135569.57	282.00	282.00
DISCCART	359827.87	4135572.29	282.93	282.93
DISCCART	359778.75	4135575.02	283.80	283.80
DISCCART	359729.64	4135577.75	284.87	284.87
DISCCART	359680.52	4135580.48	285.93	285.93
DISCCART	359631.40	4135583.21	286.48	286.48
DISCCART	359582.28	4135585.94	286.66	286.66
DISCCART	359533.17	4135588.67	286.72	286.72
DISCCART	359484.05	4135591.40	286.99	286.99

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	359434.93	4135594.12	287.25	287.25
DISCCART	359385.81	4135596.85	287.61	287.61
DISCCART	359336.70	4135599.58	287.87	287.87
DISCCART	359287.58	4135602.31	288.21	288.21
DISCCART	359236.79	4135557.55	287.10	287.10
DISCCART	359235.12	4135510.07	286.74	286.74
DISCCART	359233.44	4135462.58	288.67	288.67
DISCCART	359231.77	4135415.10	289.76	289.76
DISCCART	359230.10	4135367.61	290.14	290.14
DISCCART	359228.43	4135320.12	291.89	291.89
DISCCART	359226.75	4135272.64	292.93	292.93
DISCCART	359225.08	4135225.15	293.61	293.61
DISCCART	359223.41	4135177.67	293.93	293.93
DISCCART	359221.74	4135130.18	293.89	293.89
DISCCART	359220.06	4135082.69	293.56	293.56
DISCCART	359218.39	4135035.21	293.34	293.34
DISCCART	359216.72	4134987.72	293.02	293.02
DISCCART	359215.05	4134940.24	292.28	292.28
DISCCART	359213.37	4134892.75	291.53	291.53
DISCCART	359211.70	4134845.27	290.77	290.77
DISCCART	359160.29	4134800.62	289.16	289.16
DISCCART	359110.54	4134803.46	287.89	287.89
DISCCART	359060.80	4134806.31	287.14	287.14
DISCCART	359011.06	4134809.15	288.60	288.60
DISCCART	358961.32	4134811.99	289.92	289.92
DISCCART	358911.58	4134814.83	289.93	289.93
DISCCART	358861.83	4134817.68	289.41	289.41
DISCCART	358814.01	4134870.11	289.11	289.11
DISCCART	358815.94	4134919.70	289.39	289.39
DISCCART	358817.86	4134969.29	289.88	289.88
DISCCART	358819.79	4135018.88	290.59	290.59
DISCCART	358821.71	4135068.47	291.07	291.07
DISCCART	358823.63	4135118.06	291.17	291.17
DISCCART	358825.56	4135167.65	291.18	291.18
DISCCART	358827.48	4135217.24	291.23	291.23
DISCCART	358829.41	4135266.83	291.54	291.54
DISCCART	358831.33	4135316.42	291.77	291.77
DISCCART	358833.25	4135366.01	291.92	291.92
DISCCART	358835.18	4135415.60	292.12	292.12
DISCCART	358837.10	4135465.19	292.56	292.56
DISCCART	358839.03	4135514.78	293.03	293.03
DISCCART	358840.95	4135564.37	293.33	293.33
DISCCART	358842.87	4135613.96	293.37	293.37
DISCCART	358844.80	4135663.55	293.16	293.16
DISCCART	358846.72	4135713.14	292.78	292.78
DISCCART	358848.65	4135762.73	292.35	292.35
DISCCART	358850.57	4135812.32	292.13	292.13
DISCCART	358852.49	4135861.91	291.92	291.92
DISCCART	358854.42	4135911.50	291.95	291.95
DISCCART	358856.34	4135961.09	291.91	291.91
DISCCART	358858.27	4136010.68	291.78	291.78
DISCCART	358860.19	4136060.27	291.56	291.56
DISCCART	358862.11	4136109.86	291.43	291.43
DISCCART	358864.04	4136159.45	291.38	291.38
DISCCART	358865.96	4136209.04	291.44	291.44
DISCCART	358867.89	4136258.63	291.14	291.14
DISCCART	358869.81	4136308.22	290.80	290.80
DISCCART	358871.73	4136357.81	290.35	290.35
DISCCART	358873.66	4136407.40	289.90	289.90
DISCCART	358875.58	4136456.99	289.43	289.43
DISCCART	358877.51	4136506.58	289.05	289.05
DISCCART	358879.43	4136556.17	288.46	288.46
DISCCART	358881.35	4136605.76	287.33	287.33
DISCCART	358883.28	4136655.35	286.90	286.90
DISCCART	358885.20	4136704.94	286.87	286.87
DISCCART	358887.13	4136754.53	286.85	286.85
DISCCART	358889.05	4136804.12	286.79	286.79
DISCCART	358890.97	4136853.71	284.83	284.83
DISCCART	358892.90	4136903.30	284.11	284.11
DISCCART	358894.82	4136952.89	284.07	284.07

## Appendix B.2 Empire Asbury Plant Modeling Files

DISCCART	358896.75	4137002.48	284.08	284.08
DISCCART	358898.67	4137052.07	284.55	284.55
DISCCART	358900.59	4137101.66	285.39	285.39
DISCCART	358902.52	4137151.25	285.38	285.38
DISCCART	358904.44	4137200.84	284.75	286.58
DISCCART	358906.37	4137250.43	283.97	283.97
DISCCART	358908.29	4137300.02	283.99	283.99
DISCCART	358910.21	4137349.61	284.02	284.02
DISCCART	358912.14	4137399.20	284.00	284.00
DISCCART	358914.06	4137448.79	283.96	283.96
DISCCART	358915.99	4137498.38	284.11	284.11
DISCCART	358917.91	4137547.97	284.28	284.28
DISCCART	358919.83	4137597.56	284.48	284.48
DISCCART	358921.76	4137647.15	285.22	285.22
DISCCART	358923.68	4137696.74	284.89	284.89
DISCCART	358925.61	4137746.33	283.98	283.98
DISCCART	358927.53	4137795.92	285.35	285.35
DISCCART	358929.45	4137845.51	284.17	284.17
DISCCART	358931.38	4137895.10	284.64	284.64
DISCCART	358933.30	4137944.69	284.74	286.53
DISCCART	358935.23	4137994.28	284.13	284.13

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE C:\DRR\Empire\SGFSGF-12-14.SFC

PROFFILE C:\DRR\Empire\SGFSGF-12-14.PFL

SURFDATA 13995 2012 SPRINGFIELD/REGIONAL\_ARPT

UAIRDATA 13995 2012 SPRINGFIELD/REGIONAL\_ARPT

PROFBASE 386.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

RECTABLE ALLAVE 4-15

PLOTFILE 1 ALL 4 EMPIRE-01H4GALL-CEMS-12-14.plt

SUMMFILE EMPIRE-01H4GALL-CEMS-12-14.SUM

OU FINISHED

## Excerpt of Hourly Emissions file for Empire-Asbury (First 24 hours of each year, 2012-2014)

### 2012

SO HOUREMIS	12	1	1	1	EP7	0	0	0
SO HOUREMIS	12	1	1	2	EP7	0	0	0
SO HOUREMIS	12	1	1	3	EP7	0	0	0
SO HOUREMIS	12	1	1	4	EP7	0	0	0
SO HOUREMIS	12	1	1	5	EP7	0	0	0
SO HOUREMIS	12	1	1	6	EP7	0	0	0
SO HOUREMIS	12	1	1	7	EP7	0	0	0
SO HOUREMIS	12	1	1	8	EP7	0	0	0
SO HOUREMIS	12	1	1	9	EP7	0	0	0
SO HOUREMIS	12	1	1	10	EP7	0	0	0
SO HOUREMIS	12	1	1	11	EP7	0	0	0
SO HOUREMIS	12	1	1	12	EP7	0	0	0

## Appendix B.2 Empire Asbury Plant Modeling Files

SO HOUREMIS 12 1 1 13 EP7 0 0 0  
SO HOUREMIS 12 1 1 14 EP7 0 0 0  
SO HOUREMIS 12 1 1 15 EP7 0 0 0  
SO HOUREMIS 12 1 1 16 EP7 0 0 0  
SO HOUREMIS 12 1 1 17 EP7 0 0 0  
SO HOUREMIS 12 1 1 18 EP7 0 0 0  
SO HOUREMIS 12 1 1 19 EP7 0 0 0  
SO HOUREMIS 12 1 1 20 EP7 0 0 0  
SO HOUREMIS 12 1 1 21 EP7 0 0 0  
SO HOUREMIS 12 1 1 22 EP7 0 0 0  
SO HOUREMIS 12 1 1 23 EP7 0 0 0  
SO HOUREMIS 12 1 1 24 EP7 0 0 0

## 2013

SO HOUREMIS 13 1 1 1 EP7 241.1586833 417.594 23.4696  
SO HOUREMIS 13 1 1 2 EP7 200.0835889 442.0388889 14.92283011  
SO HOUREMIS 13 1 1 3 EP7 179.1428506 437.3722222 13.03593278  
SO HOUREMIS 13 1 1 4 EP7 178.5884628 436.0388889 13.21274961  
SO HOUREMIS 13 1 1 5 EP7 178.1852717 434.65 13.32573365  
SO HOUREMIS 13 1 1 6 EP7 215.1780561 435.5388889 16.04501059  
SO HOUREMIS 13 1 1 7 EP7 232.8806658 440.7611111 17.59231747  
SO HOUREMIS 13 1 1 8 EP7 234.6446269 442.2055556 17.41550063  
SO HOUREMIS 13 1 1 9 EP7 234.3170342 441.65 17.36124276  
SO HOUREMIS 13 1 1 10 EP7 231.6962919 440.9833333 17.27634515  
SO HOUREMIS 13 1 1 11 EP7 231.0789056 441.8166667 17.30634656  
SO HOUREMIS 13 1 1 12 EP7 235.3124122 441.8722222 17.31719813  
SO HOUREMIS 13 1 1 13 EP7 236.8873775 441.5388889 17.47103516  
SO HOUREMIS 13 1 1 14 EP7 239.8987111 443.2611111 17.62487219  
SO HOUREMIS 13 1 1 15 EP7 234.2036367 443.0944444 17.48444005  
SO HOUREMIS 13 1 1 16 EP7 236.1817931 442.7611111 17.4148623  
SO HOUREMIS 13 1 1 17 EP7 233.1578597 442.3166667 17.61785058  
SO HOUREMIS 13 1 1 18 EP7 231.8600883 441.7611111 17.45890693  
SO HOUREMIS 13 1 1 19 EP7 233.3972544 442.2055556 17.39890411  
SO HOUREMIS 13 1 1 20 EP7 234.0776394 442.0944444 17.19783081  
SO HOUREMIS 13 1 1 21 EP7 232.23808 441.4277778 17.24506708  
SO HOUREMIS 13 1 1 22 EP7 231.8348889 441.2055556 17.32932636  
SO HOUREMIS 13 1 1 23 EP7 228.6723586 441.8722222 17.24442875  
SO HOUREMIS 13 1 1 24 EP7 233.0192628 442.5944444 17.29932495

## 2014

SO HOUREMIS 14 1 1 1 EP7 253.1914181 437.3722222 13.99853128  
SO HOUREMIS 14 1 1 2 EP7 253.9978003 435.7055556 13.89959045  
SO HOUREMIS 14 1 1 3 EP7 255.6987628 436.5944444 13.95257167  
SO HOUREMIS 14 1 1 4 EP7 254.46399 436.9277778 14.01831944  
SO HOUREMIS 14 1 1 5 EP7 254.2497947 435.9833333 13.87150402  
SO HOUREMIS 14 1 1 6 EP7 256.7445397 434.4277778 13.92257026  
SO HOUREMIS 14 1 1 7 EP7 254.3883917 434.8722222 13.834481  
SO HOUREMIS 14 1 1 8 EP7 254.1741964 436.5388889 14.01704279  
SO HOUREMIS 14 1 1 9 EP7 251.4274569 437.3166667 14.03874594  
SO HOUREMIS 14 1 1 10 EP7 249.3989017 437.3722222 14.05598079  
SO HOUREMIS 14 1 1 11 EP7 251.1880622 437.2611111 14.03810761  
SO HOUREMIS 14 1 1 12 EP7 255.4215689 438.3722222 14.09364214  
SO HOUREMIS 14 1 1 13 EP7 255.82476 437.4833333 14.01193616  
SO HOUREMIS 14 1 1 14 EP7 253.7206064 439.15 14.10960034  
SO HOUREMIS 14 1 1 15 EP7 250.4068794 438.0944444 14.02789436  
SO HOUREMIS 14 1 1 16 EP7 250.4446786 437.4833333 13.99150967  
SO HOUREMIS 14 1 1 17 EP7 249.0839086 436.5944444 13.97938144  
SO HOUREMIS 14 1 1 18 EP7 247.9751331 434.4833333 13.88363225  
SO HOUREMIS 14 1 1 19 EP7 251.4148572 434.4277778 14.04257591  
SO HOUREMIS 14 1 1 20 EP7 250.6966731 434.8166667 14.12172857  
SO HOUREMIS 14 1 1 21 EP7 247.886935 434.0388889 14.03300099  
SO HOUREMIS 14 1 1 22 EP7 250.608475 435.8166667 14.22449936  
SO HOUREMIS 14 1 1 23 EP7 247.66014 434.0944444 14.14917667

## Appendix B.2 Empire Asbury Plant Modeling Files

SO HOUREMIS 14 1 1 24 EP7 254.7537836 433.5388889 14.60047451

### Excerpt of AERMOD Output file (With maximum impact highlighted)

\*\*\* THE SUMMARY OF MAXIMUM 4TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 3 YEARS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID  
-----

ALL 1ST HIGHEST VALUE IS 102.17942 AT ( 359944.81, 4137189.71, 289.75, 289.75, 0.00) DC  
2ND HIGHEST VALUE IS 101.31449 AT ( 359752.94, 4137250.82, 284.20, 290.39, 0.00) DC  
3RD HIGHEST VALUE IS 100.97965 AT ( 359798.78, 4137199.30, 290.03, 290.03, 0.00) DC  
4TH HIGHEST VALUE IS 100.97007 AT ( 359993.48, 4137186.51, 290.64, 290.64, 0.00) DC  
5TH HIGHEST VALUE IS 100.81435 AT ( 359750.10, 4137202.50, 284.20, 290.12, 0.00) DC  
6TH HIGHEST VALUE IS 100.11342 AT ( 359847.45, 4137196.10, 289.68, 289.68, 0.00) DC  
7TH HIGHEST VALUE IS 99.32317 AT ( 360139.52, 4137176.92, 290.54, 290.54, 0.00) DC  
8TH HIGHEST VALUE IS 99.16345 AT ( 359755.79, 4137299.15, 284.20, 291.14, 0.00) DC  
9TH HIGHEST VALUE IS 98.99091 AT ( 359896.13, 4137192.91, 289.71, 289.71, 0.00) DC  
10TH HIGHEST VALUE IS 98.97997 AT ( 359823.00, 4137397.00, 292.25, 292.25, 0.00) DC

\*\*\* AERMOD - VERSION 15181 \*\*\* \*\* Empire District Asbury Plant SO2 DRR Modeling \*\*\* 08/12/16

\*\*\* AERMET - VERSION 15181 \*\*\* \*\* Scenario 2012-2014 CEMS/MET \*\*\* 14:36:48

PAGE 5

\*\*MODELOPTs: RegDEFAULT CONC ELEV RURAL

### Excerpt of Meteorological Files (KSGF/KSGF 2012-2014) First 24 hours of each file (surface .sfc and profile .pfl files)

#### Surface (.sfc)

37.24N 93.39W UA\_ID: 00013995 SF\_ID: 13995 OS\_ID: VERSION: 15181 THRESH\_1MIN = 0.50 m/s; CCVR\_Sub  
TEMP\_Sub  
12 1 1 1 1 -64.0 0.747 -9.000 -9.000 -999. 1551. 562.6 0.0430 2.00 1.00 10.36 277.0 10.1 280.9 2.0 0 0.00 57. 968. 0  
ADJ-A1 NoSubs  
12 1 1 1 2 -38.8 0.709 -9.000 -9.000 -999. 1437. 793.4 0.0430 2.00 1.00 9.78 290.0 10.1 278.8 2.0 0 0.00 67. 970. 10  
ADJ-A1 NoSubs  
12 1 1 1 3 -30.4 0.554 -9.000 -9.000 -999. 1016. 483.9 0.0180 2.00 1.00 8.90 305.0 10.1 278.8 2.0 0 0.00 70. 972. 10  
ADJ-A1 NoSubs  
12 1 1 1 4 -29.3 0.532 -9.000 -9.000 -999. 934. 447.5 0.0180 2.00 1.00 8.57 306.0 10.1 278.8 2.0 0 0.00 70. 974. 10  
ADJ-A1 NoSubs  
12 1 1 1 5 -41.8 0.378 -9.000 -9.000 -999. 578. 112.0 0.0180 2.00 1.00 6.40 301.0 10.1 277.0 2.0 0 0.00 75. 975. 0 ADJ-  
A1 NoSubs  
12 1 1 1 6 -37.3 0.335 -9.000 -9.000 -999. 467. 87.7 0.0430 2.00 1.00 5.05 297.0 10.1 275.9 2.0 0 0.00 75. 976. 0 ADJ-  
A1 NoSubs  
12 1 1 1 7 -37.5 0.336 -9.000 -9.000 -999. 468. 88.6 0.0180 2.00 1.00 5.80 305.0 10.1 276.4 2.0 0 0.00 64. 978. 0 ADJ-  
A1 NoSubs  
12 1 1 1 8 -42.3 0.378 -9.000 -9.000 -999. 558. 111.9 0.0180 2.00 1.00 6.41 316.0 10.1 275.9 2.0 0 0.00 61. 980. 0 ADJ-  
A1 NoSubs  
12 1 1 1 9 -9.2 0.355 -9.000 -9.000 -999. 508. 425.4 0.0180 2.00 0.41 5.72 318.0 10.1 276.4 2.0 0 0.00 59. 981. 0 ADJ-  
A1 NoSubs  
12 1 1 1 10 55.1 0.539 0.832 0.005 367. 951. -249.6 0.0180 2.00 0.28 8.35 327.0 10.1 278.1 2.0 0 0.00 48. 982. 0 ADJ-  
A1 NoSubs  
12 1 1 1 11 105.6 0.522 1.271 0.005 682. 906. -118.0 0.0180 2.00 0.23 7.93 322.0 10.1 279.2 2.0 0 0.00 42. 983. 0  
ADJ-A1 NoSubs  
12 1 1 1 12 135.2 0.538 1.422 0.005 745. 946. -100.9 0.0180 2.00 0.21 8.13 320.0 10.1 280.4 2.0 0 0.00 36. 982. 0  
ADJ-A1 NoSubs  
12 1 1 1 13 141.9 0.546 1.457 0.005 764. 968. -100.5 0.0180 2.00 0.21 8.25 323.0 10.1 280.9 2.0 0 0.00 30. 983. 0  
ADJ-A1 NoSubs  
12 1 1 1 14 125.6 0.591 1.408 0.005 780. 1088. -143.9 0.0180 2.00 0.22 9.03 320.0 10.1 281.4 2.0 0 0.00 27. 983. 0  
ADJ-A1 NoSubs

## Appendix B.2 Empire Asbury Plant Modeling Files

12	1	1	1	15	86.8	0.525	1.251	0.005	791.	919.	-146.3	0.0180	2.00	0.25	8.03	312.0	10.1	281.4	2.0	0	0.00	26.	983.	0	ADJ-A1	NoSubs
12	1	1	1	16	28.7	0.476	0.867	0.005	795.	791.	-329.1	0.0180	2.00	0.32	7.40	306.0	10.1	280.9	2.0	0	0.00	28.	984.	0	ADJ-A1	NoSubs
12	1	1	1	17	-31.0	0.367	-9.000	-9.000	-999.	542.	139.6	0.0180	2.00	0.53	6.13	303.0	10.1	279.2	2.0	0	0.00	31.	984.	0	ADJ-A1	NoSubs
12	1	1	1	18	-28.2	0.253	-9.000	-9.000	-999.	313.	50.2	0.0180	2.00	1.00	4.63	303.0	10.1	277.5	2.0	0	0.00	37.	984.	0	ADJ-A1	NoSubs
12	1	1	1	19	-17.1	0.153	-9.000	-9.000	-999.	149.	18.3	0.0180	2.00	1.00	3.47	302.0	10.1	276.4	2.0	0	0.00	38.	985.	0	ADJ-A1	NoSubs
12	1	1	1	20	-19.7	0.175	-9.000	-9.000	-999.	176.	23.9	0.0180	2.00	1.00	3.69	309.0	10.1	275.4	2.0	0	0.00	42.	985.	0	ADJ-A1	NoSubs
12	1	1	1	21	-41.8	0.371	-9.000	-9.000	-999.	543.	107.6	0.0180	2.00	1.00	6.31	325.0	10.1	275.4	2.0	0	0.00	43.	986.	0	ADJ-A1	NoSubs
12	1	1	1	22	-36.1	0.319	-9.000	-9.000	-999.	435.	79.3	0.0180	2.00	1.00	5.56	319.0	10.1	274.2	2.0	0	0.00	47.	985.	0	ADJ-A1	NoSubs
12	1	1	1	23	-37.3	0.329	-9.000	-9.000	-999.	453.	84.0	0.0180	2.00	1.00	5.70	317.0	10.1	273.8	2.0	0	0.00	45.	986.	0	ADJ-A1	NoSubs
12	1	1	1	24	-41.2	0.363	-9.000	-9.000	-999.	525.	101.9	0.0180	2.00	1.00	6.19	319.0	10.1	273.1	2.0	0	0.00	44.	985.	0	ADJ-A1	NoSubs

## Profile (.pfl)

12	1	1	1	10.1	1	277.0	10.36	7.80	99.00	99.00
12	1	1	2	10.1	1	290.0	9.78	5.60	99.00	99.00
12	1	1	3	10.1	1	305.0	8.90	5.60	99.00	99.00
12	1	1	4	10.1	1	306.0	8.57	5.60	99.00	99.00
12	1	1	5	10.1	1	301.0	6.40	3.90	99.00	99.00
12	1	1	6	10.1	1	297.0	5.05	2.80	99.00	99.00
12	1	1	7	10.1	1	305.0	5.80	3.30	99.00	99.00
12	1	1	8	10.1	1	316.0	6.41	2.80	99.00	99.00
12	1	1	9	10.1	1	318.0	5.72	3.30	99.00	99.00
12	1	1	10	10.1	1	327.0	8.35	5.00	99.00	99.00
12	1	1	11	10.1	1	322.0	7.93	6.10	99.00	99.00
12	1	1	12	10.1	1	320.0	8.13	7.20	99.00	99.00
12	1	1	13	10.1	1	323.0	8.25	7.80	99.00	99.00
12	1	1	14	10.1	1	320.0	9.03	8.30	99.00	99.00
12	1	1	15	10.1	1	312.0	8.03	8.30	99.00	99.00
12	1	1	16	10.1	1	306.0	7.40	7.80	99.00	99.00
12	1	1	17	10.1	1	303.0	6.13	6.10	99.00	99.00
12	1	1	18	10.1	1	303.0	4.63	4.40	99.00	99.00
12	1	1	19	10.1	1	302.0	3.47	3.30	99.00	99.00
12	1	1	20	10.1	1	309.0	3.69	2.20	99.00	99.00
12	1	1	21	10.1	1	325.0	6.31	2.20	99.00	99.00
12	1	1	22	10.1	1	319.0	5.56	1.10	99.00	99.00
12	1	1	23	10.1	1	317.0	5.70	0.60	99.00	99.00
12	1	1	24	10.1	1	319.0	6.19	0.00	99.00	99.00