

Kentucky Power Company

REQUEST

Please provide a copy of all studies, analyses, and correspondence that addresses the economics and/or cost-effectiveness of the performance based versus cyclic vegetation management approach relied on by the Company to determine that a cyclic approach is superior and should be adopted.

RESPONSE

The benefits of the proposed cyclic approach is discussed in the Company's response to KIUC Questions 17,18 & 19 2nd Set. Attached is a spreadsheet developed for the Company and PowerPoint slides developed for APCo-Va also addressing the approaches. In addition, FERC 2004, Utility Vegetation Management Report discusses the benefits of a vegetation inventory in relationship to its investigation into the September 2003 Northeastern Blackout. The link for the report is: <http://www.ferc.gov/cust-protect/moi/blackout.asp>

(Please see March 2, 2004 entry titled Utility Vegetation Management Final Report - page 72)

In addition, two slides are being provided that discuss the different concepts of vegetation management practices. The cost figures are not representative of Kentucky but another AEP operating company. The description of the advanced-hybrid approach coincides with the proposed cyclic approach in witness Phillips Direct Testimony.

WITNESS – Everett G Phillips

Estimated Annual				
Total Cost to Achieve a				
T & D Cycle Approach				
Total Program Cost	Year	(\$Million)		
		O&M	Capital	Total
#VALUE!	First	\$12.30	\$5.40	\$17.70
	Second	\$12.67	\$5.56	\$18.23
	Third	\$13.05	\$5.72	\$18.78
	Fourth	\$13.45	\$5.90	\$19.34
	Fifth	\$0.00	\$0.00	\$0.00

Estimated Annual						
Average Cost to Achieve a						
T & D Cycle Approach						
(\$ Millions)						
	Distribution		Transmission		Total	
	O&M	Capital	O&M	Capital	O&M	Capital
Average	\$11.56	\$5.20	\$1.31	\$0.44	\$12.87	\$5.64

Clearance Philosophies Definitions

- **Performance-Based**
 - This approach is a more flexible process than a strict cycle approach and allows foresters to address circuits based on; time elapsed since a circuit's last trim, reliability performance, criticality, and workforce input.
 - 20% visual circuit inspection per year addressing immediate concerns.
 - Performance cycle is a more cost efficient process than a strict cycle-based approach.
 - Performance cycle allocates labor & money resources to homes and communities where tree-related outage concerns exist.

- **Cycle-Based**
 - This approach requires feeders to be trimmed on a fixed time continuum often at the expense of target circuit improvements.
 - 20% visual circuit inspection per year addressing immediate concerns.

- **Advanced Hybrid-Approach**
 - This advanced hybrid approach combines elements from both cycle-based and performance-based philosophies. This process utilizes advance field processes and improved technology to predict, collect, store, and analyze vegetation data.
 - 20% visual circuit inspection per year addressing immediate concerns.
 - The data is then used to create detailed work plans for each circuit to annually predict and schedule maintenance at appropriate intervals/cycles.

Clearance Philosophies

Approach Comparisons

- **Performance-Based**
 - Current method employed by APCo Virginia.
 - Cost to maintain is approximately \$10 million to \$11 million.

- **Cycle-Based**
 - Cost to initiate this approach is approximately \$31 million annually for five years.
 - After year five it is expected that cost to maintain will be approximately \$15 million to \$16 million.
 - Approximately 65% to 75% initial reduction in tree related outages above current performance base.
 - Sustainability in the reduction of tree related outages will be less 65% to 75% initial reduction.

- **Advanced Hybrid-Approach**
 - Cost to initiate this approach is approximately \$31 million annually for five years.
 - After year five it is expected that cost to maintain will be approximately \$10 million to \$12 million.
 - Approximately 65% to 75% reduction in tree related outages above current performance base.
 - Sustainability in reduction in tree related outages is expected to be better than a four-year trim cycle.

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-61. Please indicate whether widening of the ROW is dependent upon adoption of a cyclic approach to vegetation management or if cost-effective widening could be incorporated in the performance based approach.

RESPONSE

Widening of the rights-of-way is not dependent upon adoption of a cyclic approach to vegetation management, and is an effective component of the current performance based approach. As a part of the proposed cyclic vegetation approach the Company is advocating to undertake more right-of-way widening, thus requiring greater capital expenditures.

WITNESS – Everett G Phillips

Kentucky Power Company

REQUEST

Please provide a copy of all studies, analyses, and correspondence that addresses the increased revenue and reduce expenses resulting from expanded vegetation management activities.

RESPONSE

Please refer to the Company's response provided for KIUC-2nd Set, Item No. 20.

WITNESS – Everett G Phillips

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-63. Please provide a 5 year monthly and annual history of the CAIDI, SAIFI, and SAIDI reliability indices and customer complaints calculated for vegetation related outages.

RESPONSE

The monthly vegetation reliability indices and complaint count can be found in the attached TreeOutagesAndComplaints report. Outage information including and excluding major events is based on distribution system outages from trees inside or outside the right-of-way. Complaint counts include customer and commission complaints about service reliability that were determined to be predominantly due to vegetation management.

Please refer to the Company's response to Staff's 3rd Set Question 31 for factors impacting the indices.

WITNESS – Everett G Phillips

Monthly Tree Outages and Complaints

Month	Excluding Major Events			Including Major Events			*Complaints
	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	
Jan-00	0.057	175.8	10.0	0.057	175.8	10.0	0
Feb-00	0.012	246.7	2.9	0.012	246.7	2.9	0
Mar-00	0.016	160.9	2.6	0.016	160.9	2.6	0
Apr-00	0.022	254.6	5.7	0.022	254.6	5.7	0
May-00	0.037	295.4	11.0	0.037	295.4	11.0	1
Jun-00	0.031	229.8	7.1	0.031	229.8	7.1	0
Jul-00	0.033	267.7	8.9	0.077	420.4	32.3	2
Aug-00	0.036	312.1	11.2	0.071	516.5	36.6	2
Sep-00	0.050	297.3	14.8	0.050	297.3	14.8	6
Oct-00	0.032	96.7	3.1	0.032	96.7	3.1	0
Nov-00	0.048	269.2	12.8	0.048	269.2	12.8	0
Dec-00	0.030	290.9	8.7	0.030	290.9	8.7	0
Y2000	0.404	244.7	98.7	0.482	306.1	147.6	11
Jan-01	0.020	180.4	3.7	0.020	180.4	3.7	0
Feb-01	0.014	177.2	2.4	0.014	177.2	2.4	0
Mar-01	0.022	273.2	5.9	0.023	310.2	7.2	0
Apr-01	0.041	168.4	6.9	0.041	168.4	6.9	0
May-01	0.087	247.7	21.5	0.137	368.9	50.5	1
Jun-01	0.075	325.1	24.5	0.115	321.6	36.9	1
Jul-01	0.063	276.0	17.3	0.082	293.7	24.1	1
Aug-01	0.058	244.0	14.2	0.121	511.6	62.1	1
Sep-01	0.006	200.6	1.3	0.006	200.6	1.3	1
Oct-01	0.065	256.3	16.8	0.143	471.3	67.3	0
Nov-01	0.023	363.5	8.5	0.023	363.5	8.5	0
Dec-01	0.036	354.9	12.9	0.071	289.2	20.7	0
Y2001	0.511	265.8	135.8	0.797	365.7	291.5	5
Jan-02	0.042	171.9	7.2	0.052	190.8	10.0	1
Feb-02	0.026	184.3	4.9	0.026	184.3	4.9	0
Mar-02	0.052	251.2	13.0	0.052	251.2	13.0	1
Apr-02	0.028	246.6	7.0	0.065	311.4	20.2	0
May-02	0.058	378.0	21.9	0.162	434.9	70.4	0
Jun-02	0.102	249.2	25.5	0.102	249.2	25.5	1
Jul-02	0.121	214.4	26.0	0.183	368.9	67.6	0
Aug-02	0.084	190.0	16.0	0.084	190.0	16.0	2
Sep-02	0.060	361.8	21.9	0.060	361.8	21.9	0
Oct-02	0.073	188.8	13.7	0.073	188.8	13.7	2
Nov-02	0.084	284.0	23.8	0.084	284.0	23.8	2
Dec-02	0.052	174.5	9.0	0.178	372.6	66.5	5
Y2002	0.783	242.6	190.0	1.122	314.9	353.4	14
Jan-03	0.005	148.5	0.8	0.005	148.5	0.8	0
Feb-03	0.025	196.7	5.0	0.204	967.6	197.8	1
Mar-03	0.019	206.8	3.9	0.019	206.8	3.9	0
Apr-03	0.035	193.7	6.7	0.035	193.7	6.7	0
May-03	0.171	250.8	43.0	0.270	261.1	70.6	3
Jun-03	0.092	202.6	18.6	0.169	552.9	93.5	3
Jul-03	0.074	208.6	15.4	0.223	399.7	89.0	2

Monthly Tree Outages and Complaints

Month	Excluding Major Events			Including Major Events			*Complaints
	SAIFI	CAIDI	SAIDI	SAIFI	CAIDI	SAIDI	
Aug-03	0.108	176.9	19.1	0.108	176.9	19.1	0
Sep-03	0.027	188.3	5.0	0.027	188.3	5.0	0
Oct-03	0.042	249.6	10.4	0.042	249.6	10.4	0
Nov-03	0.078	239.2	18.6	0.155	355.1	54.9	0
Dec-03	0.072	191.3	13.7	0.072	191.3	13.7	2
Y2003	0.747	214.5	160.2	1.328	425.8	565.4	11
Jan-04	0.047	215.9	10.2	0.047	215.9	10.2	0
Feb-04	0.037	161.2	5.9	0.037	161.2	5.9	1
Mar-04	0.050	209.0	10.5	0.050	209.0	10.5	3
Apr-04	0.048	250.1	11.9	0.048	250.1	11.9	1
May-04	0.106	269.9	28.6	0.484	1030.5	498.9	5
Jun-04	0.107	216.7	23.1	0.271	681.1	184.5	1
Jul-04	0.132	262.3	34.5	0.132	262.3	34.5	10
Aug-04	0.065	283.5	18.5	0.065	283.5	18.5	2
Sep-04	0.048	164.5	7.9	0.118	357.0	42.3	0
Oct-04	0.096	161.0	15.5	0.096	161.0	15.5	1
Nov-04	0.049	207.1	10.2	0.049	207.1	10.2	0
Dec-04	0.168	338.6	57.0	0.168	338.6	57.0	0
Y2004	0.953	245.3	233.9	1.566	574.7	899.9	24
Jan-05	0.069	224.6	15.5	0.069	224.6	15.5	0
Feb-05	0.013	256.5	3.4	0.013	256.5	3.4	0
Mar-05	0.030	157.6	4.8	0.030	157.6	4.8	0
Apr-05	0.081	171.2	13.8	0.081	171.2	13.8	0
May-05	0.081	211.8	17.2	0.081	211.8	17.2	0
Jun-05	0.188	240.6	45.2	0.188	240.6	45.2	1
Jul-05	0.142	235.4	33.4	0.142	235.4	33.4	2
Aug-05	0.107	224.6	24.0	0.107	224.6	24.0	0
Sep-05	0.049	189.1	9.3	0.049	189.1	9.3	0
Oct-05	0.025	189.2	4.8	0.025	189.2	4.8	0
YTD2005	0.786	218.2	171.5	0.786	218.2	171.5	3

Distribution system tree outages from trees inside or outside the RoW

*Complaints include:

Category of service issues

Complaint types of power quality and reliability

Complaint subtypes of extended outage and intermittent or frequent outages

Causes of tree contact and tree trimming or RoW maintenance scheduling

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-69. Please provide the Company's actual (November) and projected (December) MLR for the remaining months of 2005.

RESPONSE

The Company's MLR is 0.07423, for both November 2005-Actual and December 2005-Projected.

WITNESS – Errol K. Wagner

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff-2-70. Please explain why the Company's chargeoffs appear to have significantly decreased during the test year starting in November 2004 compared to the same months in prior years. Please address any changes in the Company's service, credit, and collection policies that contributed to this reduction.

RESPONSE

The difference principally is accounted for by two bankruptcy charge-offs in prior years:

- (a) June, 2003 - Kentucky Electric Steel (-\$294,933)
- (b) January, 2004 and September, 2004 - Cook & Sons Mining (-\$480,827).

WITNESS – Errol K. Wagner

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-74. Please provide a copy of or cite the specific pages of the Commission's Case No. 91-066 Order that the Company relied upon to conclude that deferred state income taxes are not recorded for ratemaking purposes.

RESPONSE

See response to Commission 3rd Set No. 37.

WITNESS – Sandra Keller

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-74. Is it the Company's position that only federal deferred income taxes are subtracted from ECR rate base? Is it the Company's position that the current income tax benefit of accelerated tax depreciation is flowed through in the Company's ECR revenue requirement?

RESPONSE

It is KPC's position that only federal deferred income taxes are subtracted from ECR rate base. The current federal income tax benefit of accelerated tax depreciation is flowed through in the ECR revenue requirement.

WITNESS – Jeffrey Bartsch

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-81. Has the Company ever reflected a pension liability as a reduction to rate base? If not, please explain why not.

RESPONSE

The pension prepayment discussed in the Company's response to Staff 2-81 relates to substantial discretionary cash contributions beyond the amount included in O&M expenses. The Company is not aware of a situation in any Kentucky Power Company rate proceeding in which there were any similar substantial cash contributions or lack of cash contributions that would have caused a pension liability similar in size to the current pension prepayment.

WITNESS – Hugh McCoy

Kentucky Power Company

REQUEST

Refer to the Company's response to Staff 2-81. Please provide the Company's test year OPEB liability quantified on the same methodological basis as the Company's proposed adjustment for prepaid pension expense.

RESPONSE

The Company has not made substantial discretionary cash contributions in excess of amounts included in O&M expense for OPEB, as it has for pensions, and therefore does not believe it is possible to provide the requested calculation

WITNESS – Hugh McCoy

Kentucky Power Company

REQUEST

Refer to the Company's response to AG 1-178. Please provide the date of the retirement of the office building in Ashland, KY, describe the disposition of the building and the land, and describe the sale of the building and the land, including a description and quantification of any gain or loss on the disposition.

RESPONSE

The Company recorded the retirement of the Ashland office building in 2004. The Company's former five story office building and 3.15 acres of land located in Ashland, KY was sold to Shannon Wells for \$1.6 million. The Company recorded a loss of \$1,061,684 on the sale.

WITNESS – Errol K. Wagner

Kentucky Power Company

REQUEST

Refer to the Company's response to AG 1-178. Please provide all accounting entries related to the retirement of the office building in Ashland, KY, including, but not limited to, retirement, cost of removal, salvage, current federal and state income tax expense, deferred federal and stated income tax expense and ADIT, gain or loss on disposition, and transfer from plant in service to plant held for future use or any other balance sheet account.

RESPONSE

See pages 2 and 3 of this Response for the requested accounting entries related to the sale of the Ashland office building.

WITNESS – Ranie Wohnhas

Accounting Entry to Record Sale of Ashland Office Building

Calculation of Loss on Sale of Ashland Office Building Land

Original Cost	\$1,207,759.00
Plus: Cost of Sale	13,925.11
Less: Sale Proceeds	<u>(160,000.00)</u>
Loss on Sale	\$1,061,684.11

Accounting Entry for Sale of Ashland Office Building

	<u>Debit</u>	<u>Credit</u>
Account 1080001 Accumulated Provision for Depreciation of Plant	11,273,575.30	
Account 1080005 Retirement Work in Progress	79,064.80	
Account 4212000 Loss on Disposition of Property	1,061,684.11	
Account 1010001 Plant In Service		12,414,324.21

Accounting Entry to Record Tax Effect of Sale of Ashland Office Building

Book Income		\$0
Tax Loss on Retirement		<u>-\$5,730,738</u>
Net State Taxable Income(Loss)		-\$5,730,738
Current State Income Tax Expense (Benefit):		
Kentucky tax rate	8.25%	
Kentucky Apportionment rate	<u>66.1668%</u>	
Kentucky Current Income Tax Expense (Benefit)		-\$312,827
Ohio tax rate		
Ohio tax rate	8.50%	
Ohio Apportionment rate	<u>0.145165%</u>	
Ohio Current Income Tax Expense (Benefit)		-\$707
WestVa. tax rate (effective rate in consolidation)		
WestVa. tax rate (effective rate in consolidation)	10.991%	
West Va. Apportionment rate	<u>0.59530%</u>	
West Va. Current Income Tax Expense (Benefit)		-\$3,750
Federal Taxable Income		-\$5,413,454
Current Federal Income Tax Expense (Benefit)		-\$1,894,709
Deferred Federal Income Tax Expense (Benefit)		<u>\$2,005,758</u>
Total Federal Income Tax Expense (Benefit)		\$111,049

Accounting Entries for Income Taxes:

	<u>Debit</u>	<u>Credit</u>
Account 2360001 Federal Income Tax Payable	\$1,894,709	
Account 40910001 Provision - Current Federal Income Tax Expense		\$1,894,709
Account 2360002 State Income Tax Payable	\$317,284	
Account 40910002 Current State Income Tax Expense		\$317,284
Account 4101001 Provision - Deferred Federal Income Tax	\$2,005,758	
Account 2821001 Accumulated Deferred Federal Income Tax		\$2,005,758

Kentucky Power Company

REQUEST

Refer to the Company's response to AG 1-185. Please provide the Company's computation of carrying charges shown in this response and provide the amount of carrying charges by RTO. In addition, please provide the carrying charge rate(s) and the source of those rates.

RESPONSE

See attached. Pages 2 thru 4 show the calculation of KPCo's total carrying charges on its share of RTO formation/integration cost deferrals through December 2004 and pages 5 and 6 show the calculation of the KPCo's carrying charges on its share of deferred PJM Expansion costs through December 2004. Page 7 shows the calculation of the KPCo's carrying charges on its share of deferred MISO, Alliance, and PJM (other than PJM Expansion) costs through December 2004. Pages 8 thru 10 use mortgage calculations from pages 11 thru 16 to calculate the amortization of the deferred RTO costs plus carrying charges for MISO, Alliance, and PJM (other than PJM Expansion) costs beginning January 2005. Page 17 shows the calculation of the KPCo's unamortized carrying charges provided in AG 1-185 and the amount of carrying charges by RTO.

The source of the monthly debt carrying charge cost rates and debt and equity balances used to determine the weighted average cost of capital shown on pages 2-6 is the monthly AFUDC computations for KPCo. The 12/31/04 carrying charge rate of 7.81% was used on pages 8 thru 16 to calculate the amortization of the RTO deferrals. The ROE rate of 11.75% used in computing the equity portion of the carrying charges was based on AEP's last pre-PJM OATT filing with the FERC in Docket No. ER98-2786, in which AEP filed for an 11.75% ROE and was granted an overall settlement.

WITNESS – Dennis Bethel

COMPUTATION OF CARRYING CHARGES ON DEFERRED RTO COSTS
 FOR THE PERIOD AUGUST 2001 THROUGH DECEMBER 2002

Kentucky Power Company

	7/31/2001	8/31/2001	9/30/2001	10/31/2001	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002	5/31/2002	6/30/2002	7/31/2002	8/31/2002	9/30/2002	10/31/2002	11/30/2002
Deferred RTO Costs (A/Cs 1860085, 1860091, 1860096 & 1860116)	258,540.14	418,445.65	437,019.56	589,710.83	597,095.05	642,751.80	667,155.39	682,131.02	565,156.40	569,004.12	576,213.55	592,066.05	597,865.96	630,994.53	644,769.40	798,384.78	809,477.15
Computation of Carrying Charges	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02
a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186	258,540.14	420,260.60	441,784.74	597,577.34	609,756.55	659,093.79	688,242.86	708,173.84	596,298.07	604,438.14	616,000.53	636,288.23	646,669.42	684,454.01	703,156.95	861,835.06	879,132.64
b) Total Deferred RTO Cost Plus Accumulated Carrying Charges in A/C 186 Less Deferred Carrying Charges in A/C 253	258,540.14	419,265.22	439,168.20	593,251.63	603,116.46	650,085.09	676,666.47	693,908.93	579,258.90	585,047.14	594,216.48	612,059.61	619,909.92	655,115.19	671,084.70	826,948.21	840,810.86
c) Weighted Debt Cost	3.807%	3.807%	3.807%	3.807%	3.807%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%	4.019%
d) Weighted Equity Cost	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%	4.622%
e) Overall Cost of Capital	8.429%	8.429%	8.429%	8.429%	8.429%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%	8.641%
f) Debt Portion (Line b * (Line c / 12))	819.57	1,329.07	1,392.16	1,880.61	1,911.88	2,177.79	2,266.83	2,324.59	1,940.52	1,959.91	1,990.63	2,050.40	2,076.70	2,194.64	2,248.13	2,770.28	2,816.72
g) Equity Portion (Line h - Line f)	995.38	1,621.16	1,709.17	2,314.38	2,368.61	2,567.69	2,888.52	2,774.28	2,352.83	2,392.05	2,444.57	2,530.88	2,579.32	2,733.43	2,814.60	3,434.83	3,513.04
h) Current Month Total Carrying Charges (Line a * (Line e / 12))	1,814.95	2,950.23	3,101.33	4,194.99	4,280.49	4,745.48	4,955.35	5,098.85	4,293.35	4,351.96	4,435.20	4,581.28	4,656.02	4,928.07	5,062.73	6,205.21	6,329.76
To Date Carrying Charges in A/C 421	819.57	2,146.64	3,540.80	5,421.41	7,333.29	9,511.08	11,777.91	14,102.50	16,043.02	18,002.83	19,993.56	22,043.96	24,120.66	26,315.30	28,563.43	31,333.71	34,150.43
Accumulated Carrying Charges in A/C 253	995.38	2,616.54	4,325.71	6,640.09	9,008.70	11,576.39	14,264.91	17,039.17	19,392.00	21,784.05	24,228.62	26,759.50	29,338.82	32,072.25	34,886.85	38,321.78	41,834.82
Accumulated Carrying Charges in A/C 186	1,814.95	4,765.18	7,866.51	12,061.50	16,341.99	21,087.47	26,042.82	31,141.67	35,435.02	39,786.98	44,222.18	48,603.46	53,459.48	58,387.55	63,450.28	69,655.49	75,985.25

COMPUTATION OF CARRYING CHARGES ON DEFERRED RTO COSTS

From Page 2

	12/31/2002	1/31/2003	2/28/2003	3/31/2003	4/30/2003	5/31/2003	6/30/2003	7/31/2003	8/31/2003	9/30/2003	10/31/2003	11/30/2003	12/31/2003	1/31/2004	Balance
Deferred RTO Costs (A/Cs 1860085, 1860091, 1860086 & 1860116)	873,212.39	935,557.84	1,017,012.27	1,125,891.70	1,221,194.12	1,245,644.83	1,319,121.47	1,377,593.36	1,416,545.70	1,489,446.68	1,615,374.11	1,615,374.11	1,615,374.11	1,680,584.71	1,705,016.25
Accumulated Carrying Charges on Deferred RTO Costs (A/C 1860119)	75,985.25	82,155.03	89,851.59	98,128.16	104,022.99	112,587.14	121,181.23	130,092.94	139,136.04	148,630.58	158,444.24	168,776.52	179,787.56	193,582.17	205,459.89
Deferred Equity Carrying Charges on Deferred RTO Costs (A/C 2530093)	41,834.82	45,554.72	49,412.57	53,804.31	58,122.16	63,065.09	68,107.50	73,369.81	78,656.85	84,265.68	90,069.08	96,175.68	102,562.01	109,656.47	116,938.21
To Date Carrying Charges on Deferred RTO Costs Recorded in A/C 421	34,150.43	38,600.31	39,439.01	42,523.85	45,900.83	49,512.05	53,073.73	56,723.13	60,478.19	64,351.90	68,375.16	72,596.86	77,225.55	81,650.69	86,646.67
Computation of Monthly Carrying Charges															
a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186	949,197.63	1,017,712.87	1,105,863.85	1,222,109.85	1,325,217.11	1,358,241.97	1,365,826.06	1,449,214.41	1,516,689.40	1,585,175.28	1,647,890.92	1,784,150.63	1,795,161.67	1,873,966.88	1,910,476.14
b) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 253	907,362.81	972,158.15	1,055,451.28	1,185,505.55	1,287,094.95	1,295,156.88	1,298,716.56	1,375,844.60	1,438,042.55	1,480,807.60	1,557,821.84	1,687,970.97	1,692,599.66	1,764,310.41	1,793,537.93
c) Weighted Debt Cost	3.235%	3.505%	3.505%	3.465%	3.418%	3.304%	3.187%	3.281%	3.241%	3.254%	3.254%	3.268%	3.282%	3.202%	3.405%
d) Weighted Equity Cost	4.559%	4.385%	4.385%	4.252%	4.185%	4.076%	3.956%	4.203%	4.276%	4.264%	4.273%	4.268%	4.295%	4.472%	4.690%
e) Overall Cost of Capital	7.795%	7.890%	7.890%	7.752%	7.603%	7.552%	7.321%	7.493%	7.517%	7.518%	7.527%	7.530%	7.577%	7.734%	8.095%
f) Debt Portion To Be Recorded in A/C 421 (Line b * (Line c / 12))	2,449.88	2,838.70	3,084.84	3,376.98	3,811.22	3,561.68	3,649.40	3,756.09	3,882.71	4,013.26	4,221.70	4,591.28	4,625.14	4,785.89	5,089.10
g) Equity Portion To Be Recorded in A/C 253 (Line a - Line f)	3,719.80	3,719.80	4,191.74	4,517.85	4,962.83	5,022.41	5,202.31	5,287.04	5,611.83	5,800.40	6,110.58	6,613.19	6,651.64	7,281.73	7,789.59
h) Current Month Carrying Charges To Be Recorded in A/C 186 (Line a * (Line e / 12))	6,169.78	6,696.55	7,276.59	7,894.83	8,574.15	8,584.09	8,911.71	9,043.10	9,484.54	9,813.66	10,332.28	11,204.47	11,255.78	12,077.72	12,887.75

Kentucky Power Company-Transmission Ledger
 Calculation at Equity Rate of 11.75%
 Deferred RTO Costs (A/Cs 1860085, 1860091, 1860086 & 1860116)
 Accumulated Carrying Charges on Deferred RTO Costs (A/C 1860119)
 Deferred Equity Carrying Charges on Deferred RTO Costs (A/C 2530093)
 To Date Carrying Charges on Deferred RTO Costs Recorded in A/C 421
 Computation of Monthly Carrying Charges
 a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186
 b) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 253
 c) Weighted Debt Cost
 d) Weighted Equity Cost
 e) Overall Cost of Capital
 f) Debt Portion To Be Recorded in A/C 421 (Line b * (Line c / 12))
 g) Equity Portion To Be Recorded in A/C 253 (Line a - Line f)
 h) Current Month Carrying Charges To Be Recorded in A/C 186 (Line a * (Line e / 12))

COMPUTATION OF CARRYING CHARGES ON DEFER

Kentucky Power Company-Transmission Ledger
Calculation at Equity Rate of 11.75%

	Balance 3/31/2004	Balance 4/30/2004	Balance 5/31/2004	Balance 6/30/2004	Balance 7/31/2004	Balance 8/31/2004	Balance 9/30/2004	Balance 10/31/2004	Balance 11/30/2004	
Deferred RTO Costs (A/Cs 1860085, 1860091, 1860096 & 1860116)	1,753,181.62	1,813,426.92	1,873,890.43	1,899,386.37	1,934,961.30	1,938,349.51	1,980,961.57	2,004,813.35	2,052,420.72	
Accumulated Carrying Charges on Deferred RTO Costs (A/C 1860119)	218,347.64	231,392.59	244,932.70	258,968.14	272,966.87	287,362.56	301,918.72	316,820.22	331,868.88	347,457.48
Deferred Equity Carrying Charges on Deferred RTO Costs (A/C 2530093)	124,736.80	132,603.04	(140,750.54)	(148,295.73)	(157,851.58)	(166,677.90)	(175,657.51)	(184,864.24)	(194,227.60)	
To Date Carrying Charges on Deferred RTO Costs Recorded in A/C 421	91,735.84	96,914.55	(102,267.16)	(107,797.41)	(113,240.29)	(118,809.66)	(124,566.38)	(177,470.80)	(183,375.11)	

Computation of Monthly Carrying Charges

	Apr-04	May-04	Jun-04	Jul-04	Aug-04	September	Oct-04	Nov-04	Dec-04
a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186	1,971,529.26	2,044,819.51	2,118,823.13	2,158,354.51	2,207,928.17	2,225,712.07	2,282,880.29	2,321,633.57	2,384,389.60
b) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186 Less Deferred Equity Carrying Charges in A/C 253	1,846,792.46	1,912,216.47	1,978,032.59	2,009,058.78	2,050,076.59	2,059,034.17	2,107,222.78	2,136,769.33	2,190,162.00
c) Weighted Debt Cost	3.365%	3.359%	3.355%	3.251%	3.260%	3.355%	3.243%	3.249%	3.235%
d) Weighted Equity Cost	4.575%	4.587%	4.584%	4.532%	4.564%	4.594%	4.590%	4.581%	4.560%
e) Overall Cost of Capital	7.940%	7.946%	7.949%	7.783%	7.824%	7.949%	7.833%	7.830%	7.795%
f) Debt Portion To Be Recorded in A/C 421 (Line b * (Line c / 12))	5,178.71	5,352.61	(5,530.25)	(5,442.88)	(5,569.37)	(5,756.72)	(5,694.77)	(5,785.30)	(5,904.31)
g) Equity Portion To Be Recorded in A/C 253 (Line b - Line f)	7,866.24	8,187.50	(8,505.19)	(8,555.85)	(8,626.32)	(8,986.77)	(9,206.73)	(9,363.36)	(9,584.29)
h) Current Month Carrying Charges To Be Recorded in A/C 186 (Line a * (Line e / 12))	13,044.95	13,540.11	14,035.44	13,998.73	14,395.69	14,743.49	14,901.50	15,148.66	15,488.60

**Kentucky Power Company-Transmission Ledger
 Calculation at Equity Rate of 11.75%**

	12/31/2002	1/31/2003	2/28/2003	3/31/2003	4/30/2003	5/31/2003	6/30/2003	7/31/2003	8/31/2003	9/30/2003	10/31/2003	11/30/2003	12/31/2003	1/31/2004	2/29/2004	3/31/2004
Deferred RTO Costs (ACs 1860085, 1860091, 1860096 & 1860116)	191,625.74	249,256.24	302,606.44	396,185.36	481,054.01	489,346.29	489,346.29	534,633.20	582,171.16	624,912.14	665,572.21	779,843.57	844,200.78	860,473.26	901,598.77	
Accumulated Carrying Charges on Deferred RTO Costs (A/C 1860119)	1,268.56	1,268.56	2,537.13	4,805.70	7,074.27	9,342.84	11,611.41	13,880.00	16,148.59	18,417.18	20,685.77	22,954.36	25,222.95	27,491.54	29,760.13	
Deferred Equity Carrying Charges on Deferred RTO Costs (A/C 2530093)	732.01	732.01	1,464.02	2,928.04	4,392.06	5,856.08	7,320.10	8,784.12	10,248.14	11,712.16	13,176.18	14,640.20	16,104.22	17,568.24	19,032.26	
To Date Carrying Charges on Deferred RTO Costs Recorded in A/C 421	536.55	536.55	1,073.10	2,146.20	3,219.30	4,292.40	5,365.50	6,438.60	7,511.70	8,584.80	9,657.90	10,731.00	11,804.10	12,877.20	13,950.30	15,023.40
Computation of Monthly Carrying Charges																
a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186	191,625.74	250,526.80	305,523.47	401,112.73	488,572.57	491,733.63	503,133.67	551,901.01	602,682.83	648,195.60	713,927.13	817,189.38	886,700.04	908,691.74	955,650.92	
b) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186 Less Deferred Equity Carrying Charges in A/C 253	191,625.74	249,794.79	303,872.39	398,338.62	484,358.47	485,728.89	495,355.95	542,245.84	591,084.13	635,400.98	697,782.89	795,848.45	862,366.28	881,004.45	924,632.01	
c) Weighted Debt Cost	3.355%	3.505%	3.505%	3.465%	3.418%	3.304%	3.367%	3.281%	3.241%	3.254%	3.288%	3.287%	3.267%	3.405%	3.365%	
d) Weighted Equity Cost	4.594%	4.385%	4.385%	4.290%	4.340%	4.279%	4.264%	4.209%	4.276%	4.273%	4.268%	4.259%	4.477%	4.690%	4.579%	
e) Overall Cost of Capital	7.949%	7.890%	7.890%	7.755%	7.756%	7.563%	7.621%	7.490%	7.517%	7.518%	7.527%	7.577%	7.739%	8.095%	7.940%	
f) Debt Portion To Be Recorded in A/C 421 (Line b * (Line e / 12))	536.55	729.40	887.31	1,151.20	1,380.42	1,391.98	1,391.98	1,480.33	1,595.87	1,721.94	1,860.99	2,189.62	2,345.69	2,507.05	2,688.87	
g) Equity Portion To Be Recorded in A/C 253 (Line b - Line f)	732.01	919.07	1,123.03	1,439.69	1,780.54	1,889.45	1,989.45	2,158.67	2,192.96	2,192.96	2,192.96	2,192.96	2,192.96	3,173.53	3,631.62	
h) Current Month Carrying Charges To Be Recorded in A/C 186 (Line a - (Line e / 12))	1,268.56	1,646.47	2,010.34	2,591.19	3,161.66	3,107.76	3,287.43	3,443.68	3,722.93	4,076.32	4,476.32	5,156.45	5,719.22	6,133.67	6,328.40	

Kentucky Power Company-Transmission Ledger
Calculation at Equity Rate of 11.75%

	Balance 4/30/2004	Balance 5/31/2004	Balance 6/30/2004	Balance 7/31/2004	Balance 8/31/2004	Balance 9/30/2004	Balance 10/31/2004	Balance 11/30/2004	
Deferred RTO Costs (A/Cs 1860085, 1860091, 1860096 & 1860116)	951,439.26	1,006,139.65	1,020,758.07	1,050,531.62	1,084,978.06	1,125,341.17	1,148,551.89	1,178,359.39	
Accumulated Carrying Charges on Deferred RTO Costs (A/C 1860119)	60,680.55	67,380.78	74,487.49	81,595.63	88,977.10	96,748.69	104,728.94	112,912.86	121,306.13
Deferred Equity Carrying Charges on Deferred RTO Costs (A/C 2530093)	35,058.34	39,022.80	43,232.92	47,490.11	51,921.37	56,551.26	61,384.56	66,338.44	71,424.39
To Date Carrying Charges on Deferred RTO Costs Recorded in A/C 421	25,622.21	28,357.98	31,254.57	34,105.52	37,055.73	40,197.43	43,344.38	46,574.42	
<hr/>									
<u>Computation of Monthly Carrying Charges</u>	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	
a) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186	1,012,119.81	1,073,520.43	1,095,245.56	1,132,127.25	1,173,956.16	1,222,089.86	1,253,280.83	1,291,272.25	
b) Total Deferred RTO Costs Plus Accumulated Carrying Charges in A/C 186 Less Deferred Equity Carrying Charges in A/C 253	977,061.47	1,034,497.63	1,052,012.64	1,084,637.14	1,122,034.79	1,165,538.60	1,191,896.27	1,224,933.81	
c) Weighted Debt Cost	3.355%	3.355%	3.251%	3.260%	3.355%	3.243%	3.249%	3.235%	
d) Weighted Equity Cost	4.587%	4.594%	4.532%	4.564%	4.594%	4.590%	4.581%	4.560%	
e) Overall Cost of Capital	7.846%	7.849%	7.783%	7.824%	7.849%	7.833%	7.830%	7.795%	
f) Debt Portion To Be Recorded in A/C 421 (Line b * (Line c / 12))	2,735.77	2,896.59	2,850.95	2,950.21	3,141.70	3,146.95	3,230.04	3,307.32	
g) Equity Portion To Be Recorded in A/C 253 (Line h - Line f)	3,964.46	4,210.12	4,257.19	4,431.26	4,629.89	4,833.30	4,953.88	5,085.95	
h) Current Month Carrying Charges To Be Recorded in A/C 186 (Line a * (Line e / 12))	5,700.23	7,106.71	7,108.14	7,381.47	7,771.59	7,980.25	8,183.92	8,393.27	

CARRYING COST SUMMARY
Thru December 2004

	<u>Carrying Charges on PJM Integration Costs</u>	<u>Carrying Charges on MISO, Alliance and PJM other than billed</u>	<u>Total Carrying Charges</u>
Kentucky	121,306.13	226,151.35	347,457.48
	From Page 6		From Page 4

KENTUCKY POWER

Per Book RTO Charges	880,658.17	1/1/2005
Carrying Charges	<u>226,151.35</u>	From Page 7
	1,106,809.52	

	Base Additions	Interest Rate	Base Remaining	Base Collected	Interest Collected	Check Value	
		7.81%					
Month 1	1,106,809.52		1,106,809.52	3,253.01	7,202.56	-	Page 11
Month 2	(20,588.32)		1,082,968.19	3,213.09	7,047.42	-	Pages 14-16
Month 3	-		1,079,755.10	3,234.00	7,026.51		
Month 4	-		1,076,521.11	3,255.05	7,005.46		
Month 5	-		1,073,266.06	3,276.23	6,984.28		
Month 6	-		1,069,989.83	3,297.55	6,962.96		
Month 7	-		1,066,692.29	3,319.01	6,941.50		
Month 8	-		1,063,373.28	3,340.61	6,919.90		
Month 9	-		1,060,032.67	3,362.35	6,898.16		
Month 10	-		1,056,670.32	3,384.23	6,876.28		
Month 11	-		1,053,286.10	3,406.25	6,854.26		
Month 12			1,049,879.85	3,428.42	6,832.09		
Month 13			1,046,451.43	3,450.73	6,809.78		
Month 14			1,043,000.70	3,473.18	6,787.33		
Month 15			1,039,527.53	3,495.78	6,764.73		
Month 16			1,036,031.75	3,518.53	6,741.98		
Month 17			1,032,513.22	3,541.43	6,719.08		
Month 18			1,028,971.80	3,564.48	6,696.03		
Month 19			1,025,407.32	3,587.67	6,672.84		
Month 20			1,021,819.65	3,611.02	6,649.49		
Month 21			1,018,208.63	3,634.52	6,625.99		
Month 22			1,014,574.12	3,658.17	6,602.34		
Month 23			1,010,915.95	3,681.97	6,578.54		
Month 24			1,007,233.98	3,705.93	6,554.58		
Month 25			1,003,528.06	3,730.05	6,530.46		
Month 26			999,798.01	3,754.32	6,506.19		
Month 27			996,043.69	3,778.76	6,481.75		
Month 28			992,264.93	3,803.35	6,457.16		
Month 29			988,461.59	3,828.10	6,432.41		
Month 30			984,633.49	3,853.01	6,407.50		
Month 31			980,780.48	3,878.08	6,382.43		
Month 32			976,902.41	3,903.32	6,357.19		
Month 33			972,999.09	3,928.72	6,331.79		
Month 34			969,070.37	3,954.28	6,306.23		
Month 35			965,116.09	3,980.02	6,280.49		
Month 36			961,136.08	4,005.92	6,254.59		
Month 37			957,130.16	4,031.99	6,228.52		
Month 38			953,098.17	4,058.22	6,202.29		
Month 39			949,039.96	4,084.63	6,175.88		
Month 40			944,955.33	4,111.21	6,149.30		
Month 41			940,844.12	4,137.97	6,122.54		
Month 42			936,706.15	4,164.89	6,095.62		
Month 43			932,541.27	4,192.00	6,068.51		
Month 44			928,349.27	4,219.28	6,041.23		
Month 45			924,129.99	4,246.73	6,013.78		
Month 46			919,883.27	4,274.37	5,986.14		
Month 47			915,608.90	4,302.19	5,958.32		
Month 48			911,306.71	4,330.18	5,930.33		
Month 49			906,976.53	4,358.36	5,902.15		
Month 50			902,618.18	4,386.72	5,873.79		
Month 51			898,231.46	4,415.27	5,845.24		
Month 52			893,816.19	4,444.00	5,816.51		

Month 53	889,372.20	4,472.92	5,787.59
Month 54	884,899.28	4,502.03	5,758.48
Month 55	880,397.25	4,531.32	5,729.19
Month 56	875,865.93	4,560.81	5,699.70
Month 57	871,305.13	4,590.49	5,670.02
Month 58	866,714.64	4,620.36	5,640.15
Month 59	862,094.28	4,650.43	5,610.08
Month 60	857,443.86	4,680.69	5,579.82
Month 61	852,763.17	4,711.15	5,549.36
Month 62	848,052.02	4,741.81	5,518.70
Month 63	843,310.21	4,772.67	5,487.84
Month 64	838,537.55	4,803.73	5,456.78
Month 65	833,733.82	4,834.99	5,425.52
Month 66	828,898.83	4,866.45	5,394.06
Month 67	824,032.39	4,898.12	5,362.39
Month 68	819,134.27	4,929.99	5,330.52
Month 69	814,204.28	4,962.08	5,298.43
Month 70	809,242.20	4,994.37	5,266.14
Month 71	804,247.84	5,026.87	5,233.64
Month 72	799,220.97	5,059.58	5,200.93
Month 73	794,161.39	5,092.50	5,168.01
Month 74	789,068.90	5,125.64	5,134.87
Month 75	783,943.26	5,159.00	5,101.51
Month 76	778,784.26	5,192.57	5,067.94
Month 77	773,591.69	5,226.36	5,034.15
Month 78	768,365.34	5,260.37	5,000.14
Month 79	763,104.97	5,294.60	4,965.91
Month 80	757,810.37	5,329.06	4,931.45
Month 81	752,481.32	5,363.74	4,896.77
Month 82	747,117.58	5,398.64	4,861.87
Month 83	741,718.94	5,433.77	4,826.74
Month 84	736,285.17	5,469.13	4,791.38
Month 85	730,816.05	5,504.72	4,755.79
Month 86	725,311.33	5,540.55	4,719.96
Month 87	719,770.78	5,576.60	4,683.91
Month 88	714,194.19	5,612.89	4,647.62
Month 89	708,581.30	5,649.42	4,611.09
Month 90	702,931.88	5,686.18	4,574.33
Month 91	697,245.70	5,723.18	4,537.33
Month 92	691,522.53	5,760.43	4,500.08
Month 93	685,762.10	5,797.91	4,462.60
Month 94	679,964.19	5,835.64	4,424.87
Month 95	674,128.56	5,873.62	4,386.89
Month 96	668,254.94	5,911.84	4,348.67
Month 97	662,343.10	5,950.31	4,310.20
Month 98	656,392.79	5,989.03	4,271.48
Month 99	650,403.77	6,028.01	4,232.50
Month 100	644,375.76	6,067.23	4,193.28
Month 101	638,308.53	6,106.72	4,153.79
Month 102	632,201.82	6,146.46	4,114.05
Month 103	626,055.36	6,186.45	4,074.06
Month 104	619,868.91	6,226.71	4,033.80
Month 105	613,642.20	6,267.23	3,993.28
Month 106	607,374.98	6,308.02	3,952.49
Month 107	601,066.96	6,349.07	3,911.44
Month 108	594,717.89	6,390.38	3,870.13
Month 109	588,327.52	6,431.97	3,828.54
Month 110	581,895.55	6,473.82	3,786.69
Month 111	575,421.73	6,515.95	3,744.56
Month 112	568,905.78	6,558.36	3,702.15
Month 113	562,347.43	6,601.03	3,659.48
Month 114	555,746.40	6,643.99	3,616.52
Month 115	549,102.41	6,687.23	3,573.28
Month 116	542,415.19	6,730.74	3,529.77

Month 117	535,684.45	6,774.54	3,485.97
Month 118	528,909.91	6,818.63	3,441.88
Month 119	522,091.28	6,863.00	3,397.51
Month 120	515,228.29	6,907.66	3,352.85
Month 121	508,320.63	6,952.61	3,307.90
Month 122	501,368.02	6,997.86	3,262.65
Month 123	494,370.17	7,043.40	3,217.11
Month 124	487,326.77	7,089.23	3,171.28
Month 125	480,237.54	7,135.36	3,125.15
Month 126	473,102.18	7,181.80	3,078.71
Month 127	465,920.39	7,228.53	3,031.98
Month 128	458,691.86	7,275.57	2,984.94
Month 129	451,416.29	7,322.92	2,937.59
Month 130	444,093.37	7,370.57	2,889.94
Month 131	436,722.81	7,418.54	2,841.97
Month 132	429,304.27	7,466.81	2,793.70
Month 133	421,837.46	7,515.40	2,745.11
Month 134	414,322.07	7,564.31	2,696.20
Month 135	406,757.76	7,613.53	2,646.98
Month 136	399,144.23	7,663.08	2,597.43
Month 137	391,481.15	7,712.95	2,547.56
Month 138	383,768.21	7,763.14	2,497.37
Month 139	376,005.07	7,813.66	2,446.85
Month 140	368,191.41	7,864.50	2,396.01
Month 141	360,326.92	7,915.68	2,344.83
Month 142	352,411.24	7,967.19	2,293.32
Month 143	344,444.05	8,019.04	2,241.47
Month 144	336,425.01	8,071.22	2,189.29
Month 145	328,353.80	8,123.75	2,136.76
Month 146	320,230.05	8,176.61	2,083.90
Month 147	312,053.44	8,229.82	2,030.69
Month 148	303,823.63	8,283.38	1,977.13
Month 149	295,540.25	8,337.28	1,923.23
Month 150	287,202.97	8,391.54	1,868.97
Month 151	278,811.43	8,446.14	1,814.37
Month 152	270,365.30	8,501.11	1,759.40
Month 153	261,864.19	8,556.43	1,704.08
Month 154	253,307.76	8,612.11	1,648.40
Month 155	244,695.66	8,668.15	1,592.36
Month 156	236,027.51	8,724.56	1,535.95
Month 157	227,302.95	8,781.34	1,479.17
Month 158	218,521.61	8,838.48	1,422.03
Month 159	209,683.14	8,896.00	1,364.51
Month 160	200,787.14	8,953.89	1,306.62
Month 161	191,833.25	9,012.16	1,248.35
Month 162	182,821.10	9,070.80	1,189.71
Month 163	173,750.30	9,129.83	1,130.68
Month 164	164,620.47	9,189.24	1,071.27
Month 165	155,431.23	9,249.04	1,011.47
Month 166	146,182.20	9,309.23	951.28
Month 167	136,872.97	9,369.81	890.70
Month 168	127,503.16	9,430.78	829.73
Month 169	118,072.39	9,492.15	768.36
Month 170	108,580.24	9,553.92	706.59
Month 171	99,026.32	9,616.10	644.41
Month 172	89,410.22	9,678.67	581.84
Month 173	79,731.56	9,741.66	518.85
Month 174	69,989.90	9,805.05	455.46
Month 175	60,184.85	9,868.86	391.65
Month 176	50,316.00	9,933.08	327.43
Month 177	40,382.92	9,997.72	262.79
Month 178	30,385.20	10,062.78	197.73
Month 179	20,322.42	10,128.26	132.25
Month 180	10,194.17	10,194.17	66.34

Use Tools\Goal Seek:
 Set E13 to 0 by changing C5

Base 1,106,809.52 From Page 8
 Interest Rate 7.81%
 Payment 10,455.57

	Remaining Base	Payment	Base Collected	Interest Collected
Totals		1,882,002.46	1,106,809.52	775,192.94
Rounding			-	
Month 1	1,106,809.52	10,455.57	3,253.01	7,202.56
Month 2	1,103,556.51	10,455.57	3,274.18	7,181.39
Month 3	1,100,282.33	10,455.57	3,295.48	7,160.09
Month 4	1,096,986.85	10,455.57	3,316.93	7,138.64
Month 5	1,093,669.92	10,455.57	3,338.51	7,117.06
Month 6	1,090,331.41	10,455.57	3,360.24	7,095.33
Month 7	1,086,971.17	10,455.57	3,382.11	7,073.46
Month 8	1,083,589.07	10,455.57	3,404.11	7,051.46
Month 9	1,080,184.96	10,455.57	3,426.27	7,029.30
Month 10	1,076,758.69	10,455.57	3,448.56	7,007.01
Month 11	1,073,310.13	10,455.57	3,471.00	6,984.57
Month 12	1,069,839.13	10,455.57	3,493.59	6,961.98
Month 13	1,066,345.54	10,455.57	3,516.33	6,939.24
Month 14	1,062,829.21	10,455.57	3,539.21	6,916.36
Month 15	1,059,290.00	10,455.57	3,562.24	6,893.33
Month 16	1,055,727.76	10,455.57	3,585.42	6,870.15
Month 17	1,052,142.34	10,455.57	3,608.75	6,846.82
Month 18	1,048,533.59	10,455.57	3,632.24	6,823.33
Month 19	1,044,901.35	10,455.57	3,655.87	6,799.70
Month 20	1,041,245.48	10,455.57	3,679.67	6,775.90
Month 21	1,037,565.82	10,455.57	3,703.61	6,751.96
Month 22	1,033,862.21	10,455.57	3,727.71	6,727.86
Month 23	1,030,134.50	10,455.57	3,751.97	6,703.60
Month 24	1,026,382.53	10,455.57	3,776.39	6,679.18
Month 25	1,022,606.14	10,455.57	3,800.96	6,654.61
Month 26	1,018,805.18	10,455.57	3,825.70	6,629.87
Month 27	1,014,979.48	10,455.57	3,850.59	6,604.98
Month 28	1,011,128.89	10,455.57	3,875.65	6,579.92
Month 29	1,007,253.24	10,455.57	3,900.87	6,554.70
Month 30	1,003,352.37	10,455.57	3,926.25	6,529.32
Month 31	999,426.12	10,455.57	3,951.80	6,503.77
Month 32	995,474.32	10,455.57	3,977.52	6,478.05
Month 33	991,496.80	10,455.57	4,003.40	6,452.17
Month 34	987,493.41	10,455.57	4,029.46	6,426.11
Month 35	983,463.95	10,455.57	4,055.68	6,399.89
Month 36	979,408.27	10,455.57	4,082.07	6,373.50
Month 37	975,326.20	10,455.57	4,108.63	6,346.94
Month 38	971,217.57	10,455.57	4,135.37	6,320.20
Month 39	967,082.20	10,455.57	4,162.28	6,293.29
Month 40	962,919.92	10,455.57	4,189.37	6,266.20
Month 41	958,730.55	10,455.57	4,216.63	6,238.94
Month 42	954,513.92	10,455.57	4,244.07	6,211.50
Month 43	950,269.85	10,455.57	4,271.69	6,183.88
Month 44	945,998.16	10,455.57	4,299.49	6,156.08
Month 45	941,698.67	10,455.57	4,327.47	6,128.10
Month 46	937,371.21	10,455.57	4,355.63	6,099.94
Month 47	933,015.58	10,455.57	4,383.97	6,071.60
Month 48	928,631.61	10,455.57	4,412.50	6,043.07
Month 49	924,219.11	10,455.57	4,441.21	6,014.36
Month 50	919,777.90	10,455.57	4,470.12	5,985.45
Month 51	915,307.78	10,455.57	4,499.20	5,956.37

Month 52	910,808.58	10,455.57	4,528.48	5,927.09
Month 53	906,280.10	10,455.57	4,557.95	5,897.62
Month 54	901,722.15	10,455.57	4,587.61	5,867.96
Month 55	897,134.54	10,455.57	4,617.47	5,838.10
Month 56	892,517.07	10,455.57	4,647.52	5,808.05
Month 57	887,869.55	10,455.57	4,677.76	5,777.81
Month 58	883,191.79	10,455.57	4,708.20	5,747.37
Month 59	878,483.60	10,455.57	4,738.84	5,716.73
Month 60	873,744.76	10,455.57	4,769.68	5,685.89
Month 61	868,975.08	10,455.57	4,800.71	5,654.86
Month 62	864,174.37	10,455.57	4,831.96	5,623.61
Month 63	859,342.41	10,455.57	4,863.40	5,592.17
Month 64	854,479.01	10,455.57	4,895.05	5,560.52
Month 65	849,583.96	10,455.57	4,926.90	5,528.67
Month 66	844,657.06	10,455.57	4,958.96	5,496.61
Month 67	839,698.10	10,455.57	4,991.23	5,464.34
Month 68	834,706.87	10,455.57	5,023.72	5,431.85
Month 69	829,683.15	10,455.57	5,056.41	5,399.16
Month 70	824,626.74	10,455.57	5,089.31	5,366.26
Month 71	819,537.43	10,455.57	5,122.43	5,333.14
Month 72	814,415.01	10,455.57	5,155.76	5,299.81
Month 73	809,259.25	10,455.57	5,189.32	5,266.25
Month 74	804,069.93	10,455.57	5,223.08	5,232.49
Month 75	798,846.85	10,455.57	5,257.07	5,198.50
Month 76	793,589.78	10,455.57	5,291.28	5,164.29
Month 77	788,298.50	10,455.57	5,325.72	5,129.85
Month 78	782,972.78	10,455.57	5,360.37	5,095.20
Month 79	777,612.41	10,455.57	5,395.26	5,060.31
Month 80	772,217.15	10,455.57	5,430.37	5,025.20
Month 81	766,786.78	10,455.57	5,465.71	4,989.86
Month 82	761,321.07	10,455.57	5,501.27	4,954.30
Month 83	755,819.80	10,455.57	5,537.07	4,918.50
Month 84	750,282.73	10,455.57	5,573.11	4,882.46
Month 85	744,709.63	10,455.57	5,609.37	4,846.20
Month 86	739,100.26	10,455.57	5,645.88	4,809.69
Month 87	733,454.38	10,455.57	5,682.62	4,772.95
Month 88	727,771.76	10,455.57	5,719.60	4,735.97
Month 89	722,052.16	10,455.57	5,756.82	4,698.75
Month 90	716,295.34	10,455.57	5,794.28	4,661.29
Month 91	710,501.06	10,455.57	5,831.98	4,623.59
Month 92	704,669.08	10,455.57	5,869.94	4,585.63
Month 93	698,799.14	10,455.57	5,908.13	4,547.44
Month 94	692,891.01	10,455.57	5,946.58	4,508.99
Month 95	686,944.43	10,455.57	5,985.28	4,470.29
Month 96	680,959.15	10,455.57	6,024.23	4,431.34
Month 97	674,934.92	10,455.57	6,063.43	4,392.14
Month 98	668,871.50	10,455.57	6,102.89	4,352.68
Month 99	662,768.61	10,455.57	6,142.60	4,312.97
Month 100	656,626.01	10,455.57	6,182.58	4,272.99
Month 101	650,443.43	10,455.57	6,222.81	4,232.76
Month 102	644,220.62	10,455.57	6,263.30	4,192.27
Month 103	637,957.32	10,455.57	6,304.06	4,151.51
Month 104	631,653.26	10,455.57	6,345.09	4,110.48
Month 105	625,308.17	10,455.57	6,386.38	4,069.19
Month 106	618,921.79	10,455.57	6,427.94	4,027.63
Month 107	612,493.85	10,455.57	6,469.77	3,985.80
Month 108	606,024.08	10,455.57	6,511.87	3,943.70
Month 109	599,512.21	10,455.57	6,554.24	3,901.33
Month 110	592,957.97	10,455.57	6,596.90	3,858.67
Month 111	586,361.08	10,455.57	6,639.83	3,815.74
Month 112	579,721.25	10,455.57	6,683.03	3,772.54
Month 113	573,038.22	10,455.57	6,726.52	3,729.05
Month 114	566,311.70	10,455.57	6,770.30	3,685.27
Month 115	559,541.40	10,455.57	6,814.35	3,641.22
Month 116	552,727.05	10,455.57	6,858.70	3,596.87
Month 117	545,868.35	10,455.57	6,903.33	3,552.24

Month 118	538,965.02	10,455.57	6,948.26	3,507.31
Month 119	532,016.76	10,455.57	6,993.47	3,462.10
Month 120	525,023.29	10,455.57	7,038.98	3,416.59
Month 121	517,984.31	10,455.57	7,084.79	3,370.78
Month 122	510,899.52	10,455.57	7,130.89	3,324.68
Month 123	503,768.63	10,455.57	7,177.30	3,278.27
Month 124	496,591.34	10,455.57	7,224.00	3,231.57
Month 125	489,367.34	10,455.57	7,271.01	3,184.56
Month 126	482,096.33	10,455.57	7,318.33	3,137.24
Month 127	474,778.00	10,455.57	7,365.95	3,089.62
Month 128	467,412.05	10,455.57	7,413.89	3,041.68
Month 129	459,998.16	10,455.57	7,462.13	2,993.44
Month 130	452,536.03	10,455.57	7,510.69	2,944.88
Month 131	445,025.34	10,455.57	7,559.57	2,896.00
Month 132	437,465.77	10,455.57	7,608.76	2,846.81
Month 133	429,857.01	10,455.57	7,658.28	2,797.29
Month 134	422,198.73	10,455.57	7,708.11	2,747.46
Month 135	414,490.62	10,455.57	7,758.27	2,697.30
Month 136	406,732.35	10,455.57	7,808.76	2,646.81
Month 137	398,923.60	10,455.57	7,859.57	2,596.00
Month 138	391,064.03	10,455.57	7,910.72	2,544.85
Month 139	383,153.31	10,455.57	7,962.20	2,493.37
Month 140	375,191.11	10,455.57	8,014.01	2,441.56
Month 141	367,177.10	10,455.57	8,066.17	2,389.40
Month 142	359,110.93	10,455.57	8,118.66	2,336.91
Month 143	350,992.27	10,455.57	8,171.49	2,284.08
Month 144	342,820.78	10,455.57	8,224.66	2,230.91
Month 145	334,596.12	10,455.57	8,278.19	2,177.38
Month 146	326,317.93	10,455.57	8,332.06	2,123.51
Month 147	317,985.87	10,455.57	8,386.28	2,069.29
Month 148	309,599.59	10,455.57	8,440.85	2,014.72
Month 149	301,158.75	10,455.57	8,495.78	1,959.79
Month 150	292,662.97	10,455.57	8,551.07	1,904.50
Month 151	284,111.90	10,455.57	8,606.71	1,848.86
Month 152	275,505.19	10,455.57	8,662.72	1,792.85
Month 153	266,842.47	10,455.57	8,719.09	1,736.48
Month 154	258,123.38	10,455.57	8,775.83	1,679.74
Month 155	249,347.55	10,455.57	8,832.94	1,622.63
Month 156	240,514.61	10,455.57	8,890.42	1,565.15
Month 157	231,624.19	10,455.57	8,948.28	1,507.29
Month 158	222,675.91	10,455.57	9,006.51	1,449.06
Month 159	213,669.40	10,455.57	9,065.12	1,390.45
Month 160	204,604.28	10,455.57	9,124.11	1,331.46
Month 161	195,480.17	10,455.57	9,183.48	1,272.09
Month 162	186,296.70	10,455.57	9,243.24	1,212.33
Month 163	177,053.46	10,455.57	9,303.39	1,152.18
Month 164	167,750.07	10,455.57	9,363.94	1,091.63
Month 165	158,386.13	10,455.57	9,424.87	1,030.70
Month 166	148,961.26	10,455.57	9,486.20	969.37
Month 167	139,475.06	10,455.57	9,547.94	907.63
Month 168	129,927.12	10,455.57	9,610.07	845.50
Month 169	120,317.05	10,455.57	9,672.61	782.96
Month 170	110,644.44	10,455.57	9,735.55	720.02
Month 171	100,908.89	10,455.57	9,798.91	656.66
Month 172	91,109.98	10,455.57	9,862.67	592.90
Month 173	81,247.31	10,455.57	9,926.85	528.72
Month 174	71,320.46	10,455.57	9,991.45	464.12
Month 175	61,329.02	10,455.57	10,056.47	399.10
Month 176	51,272.55	10,455.57	10,121.91	333.66
Month 177	41,150.64	10,455.57	10,187.78	267.79
Month 178	30,962.86	10,455.57	10,254.08	201.49
Month 179	20,708.78	10,455.57	10,320.81	134.76
Month 180	10,387.97	10,455.57	10,387.97	67.60

Use Tools\Goal Seek:
 Set E13 to 0 by changing C5

Base 1,082,968.19 From Page 8
 Interest Rate 7.81%
 Payment 10,260.51

	Remaining Base	Payment	Base Collected	Interest Collected
Totals Rounding		1,836,630.78	1,082,968.19	753,662.59
Month 2	1,082,968.19	10,260.51	3,213.09	7,047.42
Month 3	1,079,755.10	10,260.51	3,234.00	7,026.51
Month 4	1,076,521.11	10,260.51	3,255.05	7,005.46
Month 5	1,073,266.06	10,260.51	3,276.23	6,984.28
Month 6	1,069,989.83	10,260.51	3,297.55	6,962.96
Month 7	1,066,692.29	10,260.51	3,319.01	6,941.50
Month 8	1,063,373.28	10,260.51	3,340.61	6,919.90
Month 9	1,060,032.67	10,260.51	3,362.35	6,898.16
Month 10	1,056,670.32	10,260.51	3,384.23	6,876.28
Month 11	1,053,286.10	10,260.51	3,406.25	6,854.26
Month 12	1,049,879.85	10,260.51	3,428.42	6,832.09
Month 13	1,046,451.43	10,260.51	3,450.73	6,809.78
Month 14	1,043,000.70	10,260.51	3,473.18	6,787.33
Month 15	1,039,527.53	10,260.51	3,495.78	6,764.73
Month 16	1,036,031.75	10,260.51	3,518.53	6,741.98
Month 17	1,032,513.22	10,260.51	3,541.43	6,719.08
Month 18	1,028,971.80	10,260.51	3,564.48	6,696.03
Month 19	1,025,407.32	10,260.51	3,587.67	6,672.84
Month 20	1,021,819.65	10,260.51	3,611.02	6,649.49
Month 21	1,018,208.63	10,260.51	3,634.52	6,625.99
Month 22	1,014,574.12	10,260.51	3,658.17	6,602.34
Month 23	1,010,915.95	10,260.51	3,681.97	6,578.54
Month 24	1,007,233.98	10,260.51	3,705.93	6,554.58
Month 25	1,003,528.06	10,260.51	3,730.05	6,530.46
Month 26	999,798.01	10,260.51	3,754.32	6,506.19
Month 27	996,043.69	10,260.51	3,778.76	6,481.75
Month 28	992,264.93	10,260.51	3,803.35	6,457.16
Month 29	988,461.59	10,260.51	3,828.10	6,432.41
Month 30	984,633.49	10,260.51	3,853.01	6,407.50
Month 31	980,780.48	10,260.51	3,878.08	6,382.43
Month 32	976,902.41	10,260.51	3,903.32	6,357.19
Month 33	972,999.09	10,260.51	3,928.72	6,331.79
Month 34	969,070.37	10,260.51	3,954.28	6,306.23
Month 35	965,116.09	10,260.51	3,980.02	6,280.49
Month 36	961,136.08	10,260.51	4,005.92	6,254.59
Month 37	957,130.16	10,260.51	4,031.99	6,228.52
Month 38	953,098.17	10,260.51	4,058.22	6,202.29
Month 39	949,039.96	10,260.51	4,084.63	6,175.88
Month 40	944,955.33	10,260.51	4,111.21	6,149.30
Month 41	940,844.12	10,260.51	4,137.97	6,122.54
Month 42	936,706.15	10,260.51	4,164.89	6,095.62
Month 43	932,541.27	10,260.51	4,192.00	6,068.51
Month 44	928,349.27	10,260.51	4,219.28	6,041.23
Month 45	924,129.99	10,260.51	4,246.73	6,013.78
Month 46	919,883.27	10,260.51	4,274.37	5,986.14
Month 47	915,608.90	10,260.51	4,302.19	5,958.32
Month 48	911,306.71	10,260.51	4,330.18	5,930.33
Month 49	906,976.53	10,260.51	4,358.36	5,902.15
Month 50	902,618.18	10,260.51	4,386.72	5,873.79
Month 51	898,231.46	10,260.51	4,415.27	5,845.24

Month 52	893,816.19	10,260.51	4,444.00	5,816.51
Month 53	889,372.20	10,260.51	4,472.92	5,787.59
Month 54	884,899.28	10,260.51	4,502.03	5,758.48
Month 55	880,397.25	10,260.51	4,531.32	5,729.19
Month 56	875,865.93	10,260.51	4,560.81	5,699.70
Month 57	871,305.13	10,260.51	4,590.49	5,670.02
Month 58	866,714.64	10,260.51	4,620.36	5,640.15
Month 59	862,094.28	10,260.51	4,650.43	5,610.08
Month 60	857,443.86	10,260.51	4,680.69	5,579.82
Month 61	852,763.17	10,260.51	4,711.15	5,549.36
Month 62	848,052.02	10,260.51	4,741.81	5,518.70
Month 63	843,310.21	10,260.51	4,772.67	5,487.84
Month 64	838,537.55	10,260.51	4,803.73	5,456.78
Month 65	833,733.82	10,260.51	4,834.99	5,425.52
Month 66	828,898.83	10,260.51	4,866.45	5,394.06
Month 67	824,032.39	10,260.51	4,898.12	5,362.39
Month 68	819,134.27	10,260.51	4,929.99	5,330.52
Month 69	814,204.28	10,260.51	4,962.08	5,298.43
Month 70	809,242.20	10,260.51	4,994.37	5,266.14
Month 71	804,247.84	10,260.51	5,026.87	5,233.64
Month 72	799,220.97	10,260.51	5,059.58	5,200.93
Month 73	794,161.39	10,260.51	5,092.50	5,168.01
Month 74	789,068.90	10,260.51	5,125.64	5,134.87
Month 75	783,943.26	10,260.51	5,159.00	5,101.51
Month 76	778,784.26	10,260.51	5,192.57	5,067.94
Month 77	773,591.69	10,260.51	5,226.36	5,034.15
Month 78	768,365.34	10,260.51	5,260.37	5,000.14
Month 79	763,104.97	10,260.51	5,294.60	4,965.91
Month 80	757,810.37	10,260.51	5,329.06	4,931.45
Month 81	752,481.32	10,260.51	5,363.74	4,896.77
Month 82	747,117.58	10,260.51	5,398.64	4,861.87
Month 83	741,718.94	10,260.51	5,433.77	4,826.74
Month 84	736,285.17	10,260.51	5,469.13	4,791.38
Month 85	730,816.05	10,260.51	5,504.72	4,755.79
Month 86	725,311.33	10,260.51	5,540.55	4,719.96
Month 87	719,770.78	10,260.51	5,576.60	4,683.91
Month 88	714,194.19	10,260.51	5,612.89	4,647.62
Month 89	708,581.30	10,260.51	5,649.42	4,611.09
Month 90	702,931.88	10,260.51	5,686.18	4,574.33
Month 91	697,245.70	10,260.51	5,723.18	4,537.33
Month 92	691,522.53	10,260.51	5,760.43	4,500.08
Month 93	685,762.10	10,260.51	5,797.91	4,462.60
Month 94	679,964.19	10,260.51	5,835.64	4,424.87
Month 95	674,128.56	10,260.51	5,873.62	4,386.89
Month 96	668,254.94	10,260.51	5,911.84	4,348.67
Month 97	662,343.10	10,260.51	5,950.31	4,310.20
Month 98	656,392.79	10,260.51	5,989.03	4,271.48
Month 99	650,403.77	10,260.51	6,028.01	4,232.50
Month 100	644,375.76	10,260.51	6,067.23	4,193.28
Month 101	638,308.53	10,260.51	6,106.72	4,153.79
Month 102	632,201.82	10,260.51	6,146.46	4,114.05
Month 103	626,055.36	10,260.51	6,186.45	4,074.06
Month 104	619,868.91	10,260.51	6,226.71	4,033.80
Month 105	613,642.20	10,260.51	6,267.23	3,993.28
Month 106	607,374.98	10,260.51	6,308.02	3,952.49
Month 107	601,066.96	10,260.51	6,349.07	3,911.44
Month 108	594,717.89	10,260.51	6,390.38	3,870.13
Month 109	588,327.52	10,260.51	6,431.97	3,828.54
Month 110	581,895.55	10,260.51	6,473.82	3,786.69
Month 111	575,421.73	10,260.51	6,515.95	3,744.56
Month 112	568,905.78	10,260.51	6,558.36	3,702.15
Month 113	562,347.43	10,260.51	6,601.03	3,659.48
Month 114	555,746.40	10,260.51	6,643.99	3,616.52
Month 115	549,102.41	10,260.51	6,687.23	3,573.28
Month 116	542,415.19	10,260.51	6,730.74	3,529.77

Month 117	535,684.45	10,260.51	6,774.54	3,485.97
Month 118	528,909.91	10,260.51	6,818.63	3,441.88
Month 119	522,091.28	10,260.51	6,863.00	3,397.51
Month 120	515,228.29	10,260.51	6,907.66	3,352.85
Month 121	508,320.63	10,260.51	6,952.61	3,307.90
Month 122	501,368.02	10,260.51	6,997.86	3,262.65
Month 123	494,370.17	10,260.51	7,043.40	3,217.11
Month 124	487,326.77	10,260.51	7,089.23	3,171.28
Month 125	480,237.54	10,260.51	7,135.36	3,125.15
Month 126	473,102.18	10,260.51	7,181.80	3,078.71
Month 127	465,920.39	10,260.51	7,228.53	3,031.98
Month 128	458,691.86	10,260.51	7,275.57	2,984.94
Month 129	451,416.29	10,260.51	7,322.92	2,937.59
Month 130	444,093.37	10,260.51	7,370.57	2,889.94
Month 131	436,722.81	10,260.51	7,418.54	2,841.97
Month 132	429,304.27	10,260.51	7,466.81	2,793.70
Month 133	421,837.46	10,260.51	7,515.40	2,745.11
Month 134	414,322.07	10,260.51	7,564.31	2,696.20
Month 135	406,757.76	10,260.51	7,613.53	2,646.98
Month 136	399,144.23	10,260.51	7,663.08	2,597.43
Month 137	391,481.15	10,260.51	7,712.95	2,547.56
Month 138	383,768.21	10,260.51	7,763.14	2,497.37
Month 139	376,005.07	10,260.51	7,813.66	2,446.85
Month 140	368,191.41	10,260.51	7,864.50	2,396.01
Month 141	360,326.92	10,260.51	7,915.68	2,344.83
Month 142	352,411.24	10,260.51	7,967.19	2,293.32
Month 143	344,444.05	10,260.51	8,019.04	2,241.47
Month 144	336,425.01	10,260.51	8,071.22	2,189.29
Month 145	328,353.80	10,260.51	8,123.75	2,136.76
Month 146	320,230.05	10,260.51	8,176.61	2,083.90
Month 147	312,053.44	10,260.51	8,229.82	2,030.69
Month 148	303,823.63	10,260.51	8,283.38	1,977.13
Month 149	295,540.25	10,260.51	8,337.28	1,923.23
Month 150	287,202.97	10,260.51	8,391.54	1,868.97
Month 151	278,811.43	10,260.51	8,446.14	1,814.37
Month 152	270,365.30	10,260.51	8,501.11	1,759.40
Month 153	261,864.19	10,260.51	8,556.43	1,704.08
Month 154	253,307.76	10,260.51	8,612.11	1,648.40
Month 155	244,695.66	10,260.51	8,668.15	1,592.36
Month 156	236,027.51	10,260.51	8,724.56	1,535.95
Month 157	227,302.95	10,260.51	8,781.34	1,479.17
Month 158	218,521.61	10,260.51	8,838.48	1,422.03
Month 159	209,683.14	10,260.51	8,896.00	1,364.51
Month 160	200,787.14	10,260.51	8,953.89	1,306.62
Month 161	191,833.25	10,260.51	9,012.16	1,248.35
Month 162	182,821.10	10,260.51	9,070.80	1,189.71
Month 163	173,750.30	10,260.51	9,129.83	1,130.68
Month 164	164,620.47	10,260.51	9,189.24	1,071.27
Month 165	155,431.23	10,260.51	9,249.04	1,011.47
Month 166	146,182.20	10,260.51	9,309.23	951.28
Month 167	136,872.97	10,260.51	9,369.81	890.70
Month 168	127,503.16	10,260.51	9,430.78	829.73
Month 169	118,072.39	10,260.51	9,492.15	768.36
Month 170	108,580.24	10,260.51	9,553.92	706.59
Month 171	99,026.32	10,260.51	9,616.10	644.41
Month 172	89,410.22	10,260.51	9,678.67	581.84
Month 173	79,731.56	10,260.51	9,741.66	518.85
Month 174	69,989.90	10,260.51	9,805.05	455.46
Month 175	60,184.85	10,260.51	9,868.86	391.65
Month 176	50,316.00	10,260.51	9,933.08	327.43
Month 177	40,382.92	10,260.51	9,997.72	262.79
Month 178	30,385.20	10,260.51	10,062.78	197.73
Month 179	20,322.42	10,260.51	10,128.26	132.25
Month 180	10,194.17	10,260.51	10,194.17	66.34

June 2005 Estimate of balance of MISO, Alliance, PJM other than billed expansion and Carrying Charges from Page 8, Month 7		1,066,692.29
	Less: A/C 1823118	419,598.92 a
	Less: A/C 1823120	210,547.21
	Less: A/C 1823122	219,610.72 b
	Less: A/C 1823121	328,981.43
Part of Carrying Charge not related to MISO, Alliance and PJM other than billed expansion		<u>(112,045.98)</u>
	Total Est. Carrying Chg.	328,981.43
	Less: Carrying Charge not related	<u>(112,045.98)</u>
	Estimated Car Chg for MISO, Alliance, etc.	<u>216,935.45</u>
	MISO	116,263.11 c
	Alliance	522,946.52 a+b-c
	PJM other than PJM Billed Expansion	210,547.21
	Carrying Charges on the above Costs	<u>216,935.45</u>
	Total	<u>1,066,692.29</u>

	Beg Bal		
1/1/2005 MISO, Allia, etc.	1,106,809.52 A	10.6941% A/B	
1/1/2005 MISO only	118,363.00 B	19,636.00	Estimated Amortization thru 6/30/2005
		<u>2,099.89</u>	Estimated MISO Amortization
	118,363.00		
	Less: <u>2,099.89</u>		
MISO balance 6/30/2005	116,263.11		

Allocation of Carrying Charge to RTO

MISO	116,263.11	13.68%
Alliance	522,946.52	61.54%
PJM other than PJM Billed Expansion	210,547.21	24.78%
Total	<u>849,756.84</u>	100.00%

Carrying Charge to be allocated

MISO	29,676.77
Alliance	133,502.08
PJM other than PJM Billed Expansion	53,756.60

Total RTO Plus Carrying Charge

MISO	145,939.88
Alliance	656,448.60
PJM other than PJM Billed Expansion	<u>264,303.81</u>
Total	<u>1,066,692.29</u>

